



Inspirational Light

Comprehensive overview
for lighting system planners

Issue 2026

Our brands

PHILIPS

Signify
interact

Signify
myCreation

Signify
NatureConnect

Signify
Dyalite

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Quality for over 130 years

The Philips brand stands for innovation, energy efficiency and quality in lighting. Whether office buildings, industry, warehouses, public lighting or sports fields: our product range includes a wide spectrum of solutions for every application. Our portfolio is subdivided into various categories. In this way, you will be able to quickly see what kind of product would suit your project.

Specifications

The best solution for the customer:
an individual approach towards every project

- Best light quality
- Longest usable life
- Maximum efficiency
- 5-year warranty + optional extension

Philips CoreLine

The Standard: easy to
install and innovative

- innovative
- easy to install
- high-quality
- 5-year warranty

Philips Ledinaire

The price hits: ideally from
the entry-level LED range

- proven
- reliable
- cost-efficient
- 3-year warranty

Our aim is to utilise the extraordinary potential of light to create a more pleasant life and a better world.

Signify is the global market leader in lighting and offers high-quality, energy-efficient lighting products, systems and services to business customers and private households alike. For more than 130 years, we have been a pioneer in lighting and the driving force behind many innovations. 3D-printed luminaires, data transmission via LiFi or human-centred light with NatureConnect are just a few examples.

In 2018, Philips Lighting was renamed as Signify. The choice of our new company name, Signify, is a clear expression of our strategic vision and stems from the conclusion and aspiration that light should take on a new meaning and that it has a significant role to play in overcoming the challenges facing humanity.

Innovation drivers – today and tomorrow.

Our aim is to make people's lives safer and more comfortable, companies more productive and cities more liveable with outstanding lighting quality and solutions for the Internet of Things. We invest in Central European countries together with our customers and business partners. Over 3500 employees work daily together with you to make the lives of customers and employees better through proper light solutions.

Signify interact

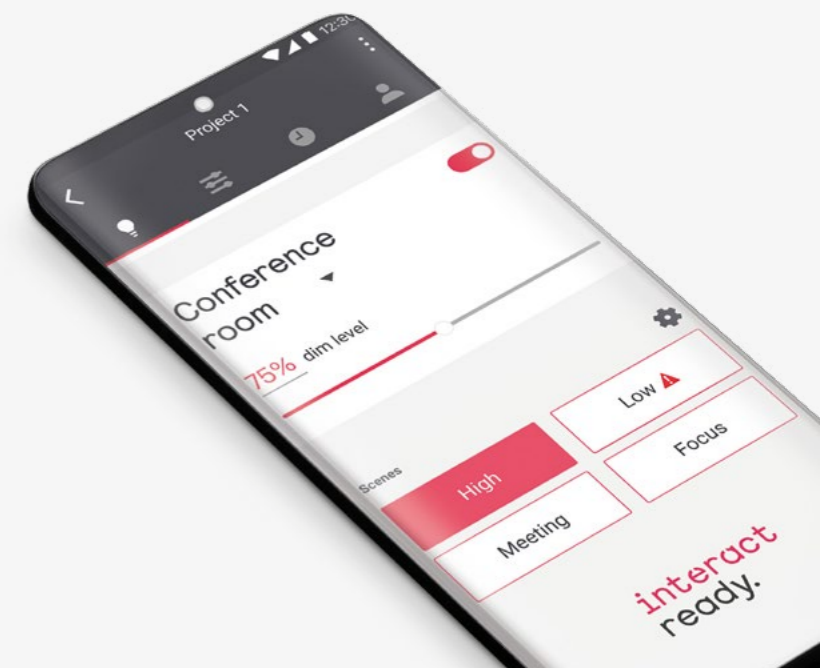
The smart lighting brand

Simple, efficient, smart: Our Interact brand means clever, simple to install lighting control. Thanks to the use of additional sensors, you can further optimise the power consumption of lighting

With interact you benefit from all the advantages of:

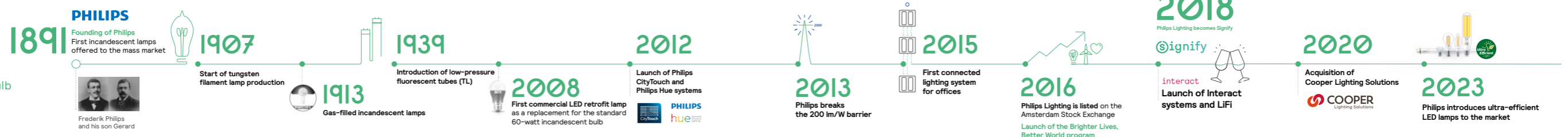
- Daylight or motion sensors
- Integrated app control
- Lighting concepts such as daylight or personal light
- Innovative features such as indoor positioning and environmental monitoring

More about Interact on pp. 16–23



Philips becomes Signify

From the first incandescent light bulb to the world market leader in lighting



@signify myCreation

Luminaires from the 3D printer

Signify myCreation offers customizable, sustainable lighting made using advanced 3D-printing technology on demand. Crafted from recycled and bio-circular materials, these unique lighting designs contribute to the circular economy, reduce waste and significantly cut CO₂ emissions by local printing. The brand enables high-performance, energy-efficient solutions with creative design options suitable for residential, retail and hospitality projects, blending innovation with sustainability.

More about our 3D printed luminaires on pp. 24–29



@signify Dynalite

Dynamic light. Limitless expression.

Signify Dynalite is a global brand for integrated, networked lighting control systems designed to support intelligent buildings and connected environments. It delivers scalable control solutions that seamlessly integrate lighting, energy management and building automation functions. Dynalite systems are engineered for flexibility and customization, enabling tailored control strategies for offices, hospitality, healthcare, retail, education and infrastructure projects. Through advanced networking capabilities and compatibility with third-party systems, they support centralized monitoring, automation and data-driven optimization. The result is improved energy efficiency, enhanced occupant comfort and full control over lighting performance across projects of any size or complexity.



@signify NatureConnect

Like outdoors. Only better.

NatureConnect delivers dynamic lighting that mimics natural daylight and an open sky, transforming interior spaces into environments that support well-being and mood. SkyLight luminaires combine high-quality, functional daylight with a decorative sky effect, following the daily light cycle and enhancing interior spaces for offices, meeting rooms, lobbies and hospitality areas. Light recipes are designed to support natural circadian rhythms, improve alertness and create inspiring environments aligned with nature.

More about well-being lighting on pp. 30–37



COLOR KINETICS

Intelligent control. Connected spaces.

Color Kinetics is Signify's global brand for dynamic architectural lighting systems, setting the benchmark for high-performance LED illumination in landmark projects around the world. The portfolio includes advanced luminaires, intelligent control systems and powerful software tools that enable lighting designers, architects and specifiers to create immersive, color-changing and media-driven lighting experiences.

From iconic façades and bridges to hospitality, entertainment and urban environments, Color Kinetics solutions transform architecture into vibrant visual statements. With precise color control, exceptional optical performance and long-term reliability, the brand empowers professionals to shape spaces with light, enhance brand identity and deliver impactful, energy-efficient lighting concepts that bring structures to life after dark.



Driven by responsible innovation

Signify and Mercedes-AMG PETRONAS F1 are driven by a shared passion for technology and a desire to push the boundaries of what is possible.

Our lighting innovations support the team in its endeavours to become one of the world's most sustainable professional sports teams. They serve the well-being and performance of drivers and team members and offer fans at the track and at home a unique experience.

Learn more:

Signify is the official lighting partner
of the Mercedes-AMG PETRONAS F1 Team



Official Lighting Partner



The number one for conventional
lighting, LED lighting
and networked lighting

Sustainability is part of our DNA. We are happy to have this independently confirmed.

We are continuously working on making both our products and our company more sustainable. Signify has been able to reduce its own ecological footprint by more than 70% since 2010. As part of our "Brighter Lives, Better World" programme we are well on the way to achieving the goals of the Paris Climate Agreement much faster than planned.



Certified Platinum!

For the fourth time already we have been awarded the top "Platinum" note in the renowned, annual sustainability ranking by EcoVadis. This puts Signify in the top 1% of all companies assessed. What's more: no other company in the lighting industry has ever achieved this honour.

Member of
**Dow Jones
Sustainability Indices**
Powered by the S&P Global CSA

For the 7th time!

We have been included in the Dow Jones Sustainability World Index without interruption since 2017. Signify scored all points in 50 categories (100/100 as of 8 December 2023), for instance, in terms of own emission reduction goals, low-emission products, resource efficiency or support for an effective circular economy.



A for awesome!

The "Carbon disclosure project" indicates the world's leading companies in transparency when it comes to climate. Once again, Signify was honoured with a spot on the list.

Sustainability can be planned

Sustainability is becoming increasingly important in the planning phase as well as in the operating phase. When selecting products just like in lighting design. As a lighting system planner, you take centre stage and are required to consider all requirements into your planning.

Thanks to efficient, sustainable and future-proof LED lighting you can take into account the diverse requirements of the project participants.

Building value increase – the be-all and end-all for investors and owners:

For property owners, the key component is economic efficiency coupled with the corresponding environmental requirements. The most important points include:

- Securing subsidies to reduce investment costs
- Building certifications
- Reduction of energy and maintenance costs
- Reduction of environmental burdens thanks to the Life Cycle Assessment (LCA)
- Improvements in property appeal through better user comfort

Companies primarily seek to achieve their sustainability goals, and must in this regard adhere to statutory provisions and standards. This covers:

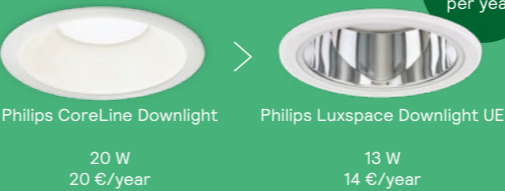
- Voluntary commitments
- Environmental management (EMAS & ISO 50001)
- Standards for buildings and lighting (ASR, EN 12464-1, GEG, DIN V18599)
- Energy efficiency (the federal German energy efficiency act, EnEfG)
- Environmental requirements (the federal German environmental protection act, BNatSchG)
- ESG Reportings & Claims (EU Taxonomy, CSRD, LKSG)

What LED lighting from Signify can do

Thanks to their high energy efficiency, LED lighting solutions help reduce energy consumption and operating costs. This enables companies to improve their CO₂ balance. You will find more about the potential savings in the overview on page 10. Long luminaire life means less maintenance work. The increasing use of recycled or recyclable materials also promotes the circular economy.

Ultra-efficient lighting

Our ultra-efficient luminaires ensure optimum energy savings. In this way, consumption can be significantly reduced – without compromising on performance. Need an example?



55 € savings per year

Electricity costs with an average operation time of approx. 3,000 hours per year and average electricity costs of EUR 0.35/kWh.

Easy maintenance

Easy maintenance thanks to the Signify Service Tag. Maintenance of LED luminaires spans other processes than maintenance of usual luminaires. With the Signify Service Tag one can identify the product, find installation instructions, information on spare parts and much more.

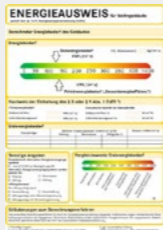


signify.com/global/service-tag

And last but not least, the employees should also feel comfortable on their work place. Correctly planned and specified, our LED lighting solutions can help you to take into account the various points and achieve optimum results. Our team will be happy to help you in this regard.

Why a good energy performance certificate?

It provides potential buyers and tenants with information on the overall energy efficiency of the building and is mandatory. With a good valuation, it has a decisive influence on the market value. Efficient lighting improves the score.



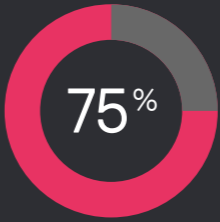
Automation possible

Thanks to smart lighting system control further savings potentials are possible.

All products with this logo can be controlled smart without any problems.

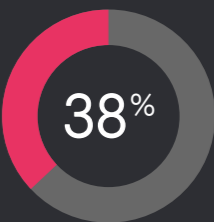


LED refurbishment



Up to 75% of energy savings are possible thanks to high-efficiency LED luminaires as compared to standard lighting systems.

Automation



In addition, up to 38% energy savings thanks to lighting controls that automatically dim and switch the light.

2,000 EPDs for more transparency!

Good for you, good for the planet

Better sustainability thanks to the circular economy. Thanks to a total of approx. 2,000 EPDs, about 70,000 product variants are presented so transparently that they guarantee comparability to provide informed decisions for your planning. Our aim for the future is to provide all products with an EPD.

What is an EPD?

An Environmental Product Declaration (EPD) is a standardised report that indicates key LCA results.

The Life Cycle Assessment (LCA) is a methodology (based on the ISO 14000 standard) to assess environmental effects related to all life cycle phases of a product, process or service. The method aims at providing a comprehensive view of all environmental results for a product, starting with raw material acquisition, through production and usage, all the way to disposal.



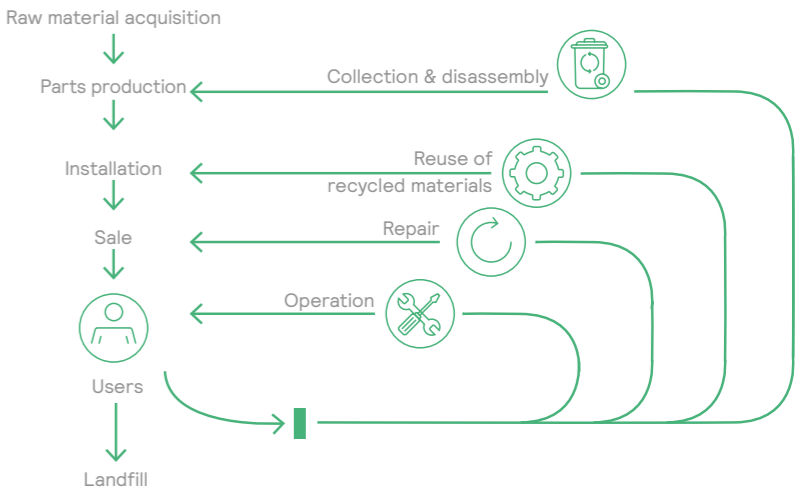
For all products in the brochure that bear this symbol, the product catalogue on our website provides a downloadable EPD.

Good for you, good for the planet

Better sustainability thanks to the circular economy

What if in the event of a defect your lights could be repaired simply by replacing components? And what if parts are reused instead of disposed of at the end of their service life?

Our portfolio includes more and more products that can do exactly this and thus flow back into the material cycle. The following applies: Once installed and commissioned, each product is provided with data on its maximum service life. This also means that the luminaire must be properly planned. This is where the maintenance factor (see also page 82) plays a decisive role in the lighting design.



LCA phases for an EPD:

The life cycle of a product is divided into four phases (A-D)

- Phase A – Production:** Shows the effects of raw material supply, transport to the production site and manufacture as well as transport to the place where it is to be installed
- Phase B – Utilisation:** Covers the environmental impact over the period in which the product is used.
- Phase C – Demolition/disposal:** This concerns the effects of dismantling or demolition, transport for waste management and any recovery or disposal operations.
- Phase D – Recovery/recycling:** Refers to the reuse, recovery and recycling potential of the product.

To be clear: What does the circular economy mean for our products.

Disassembly

easy to dismantle, in less than five steps

Recycling

The product can be easily disassembled into reusable and recyclable parts

Modular structure

based on standard components

Connectivity

Simple upgrade to a networked system

Easy to maintain

Intelligent spare parts system

Why is an EPD important during planning

EPDs are a valuable contribution to the life cycle assessment of buildings (GWP is part of this), which is required, for example, for the QNG sustainable building quality seal and the associated subsidies (achievement of a specific NH sustainability class).

EPDs/LCAs are used for building certifications. Among other things, these calculate the Global Warming Potential (GWP, also known as the CO2 footprint). DGNB, BREEAM, LEED etc.

EPDs may be used to clearly identify quality differences between products. This is clearly seen e. g. in luminaire efficiency (phase B): Higher efficiencies results in lower CO2 emissions.

In order to make products comparable, a simple look at the values will not suffice. The relevant GWP calculation software for buildings makes sure that product characteristics, e. g. based on their lifetime (phase B) are comparable.

The features of a Circular Economy Ready luminaire:

- Top efficiency, e. g. Fusion XA up to 185 (lm/W)
- Longest operation life L80/L90 at 100,000 hours
- Low breakdown rate at 1% every 10,000 hours
- Serviceability
- Interact Ready by design (ready for use in networked systems)
- Service-Tag
- Modular structure, easy to take apart
- Returnable industrial packaging
- Environmental Product Declaration
- Contains recycled material and is easy to recycle

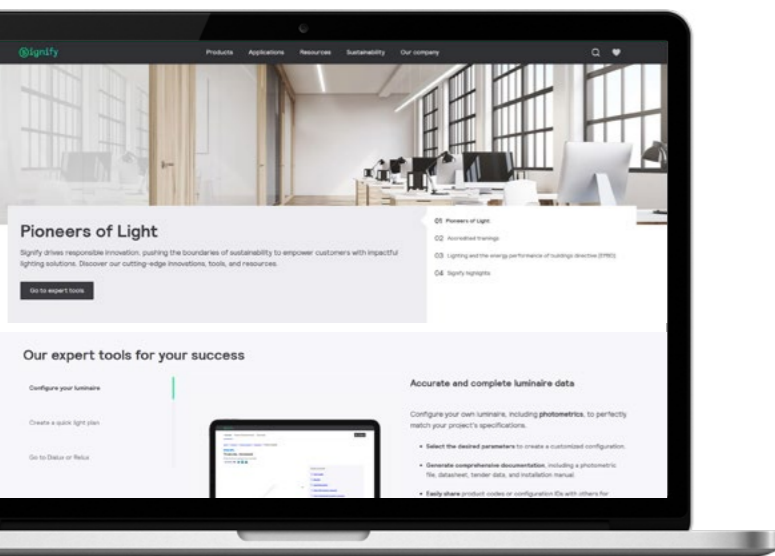


When looking at products in this brochure, watch for this sign!

Portal Signify Planer

Our Central Hub for Lighting Designers

An overview of our available brands – from Philips and Interact to NatureConnect – along with product news, inspiring project highlights and valuable background information: our dedicated portal for lighting design provides all this in one place. Particularly useful is the comprehensive overview of all available planning tools.



All Tools at a Glance

Clearly structured and complete, you will find the most important tools and links for your lighting projects in one location, including:

- Direct access to the download centre with all catalogues, flyers and brochures
- Overview of all relevant Signify brands for your planning needs
- Entry point to the online product catalogue as a starting point for individual product configuration and an initial quick lighting calculation (more information on the next page)

By the way: All lighting-relevant data required for further planning in DIALux or Relux is available in the online catalogue and after completing a configuration.



Try it now:

www.signify.com/global/specifier#tools

Perfectly Tailored to Your Needs: How to Configure Our Products

Many of our specification products offer a wide range of options that can be optimally adapted to your project requirements. The configuration process is straightforward:

1

Select Product Family Online

Access the online product catalogue (e-Cat), for example via the link in the planner portal. First choose the desired category, then select the appropriate product family – for example “High-bay luminaires” followed by “GentleSpace Gen4”.

2

Start Configuration

On the product family page, select “Configure” – either at the top right of the screen (A) or next to the product image (B).

3

Configure the Product

Select all required parameters step by step according to your project requirements (A). Tip: If you only need photometric data, move the slider at the top left to the right at the beginning (B). Once all specifications have been selected, click on “Your configuration” (C) to view your configured luminaire.

4

Configuration Overview

You will receive a compact summary of the selected product. A gross list price is also displayed to provide initial cost orientation (A).

You can then proceed in several ways:

I

Quick lighting calculation

Create an initial lighting layout by entering room parameters and any additional required data.

II

Copy URL

Share the configuration with colleagues or use the link to request a quotation directly.

III

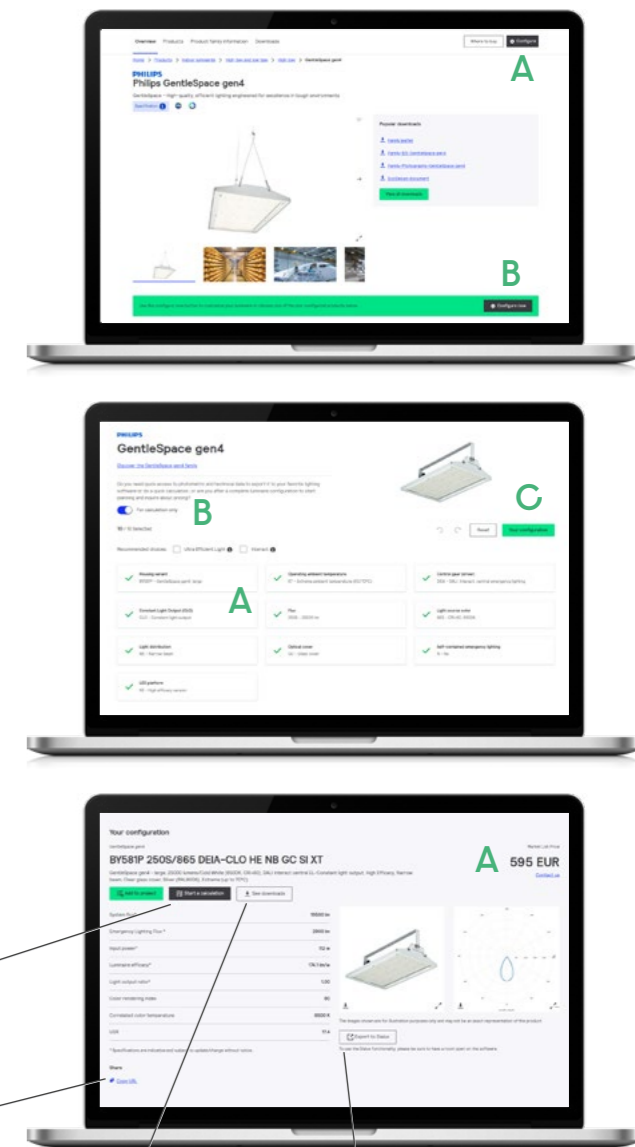
Download data

Access all available documentation and files, such as data sheets, Revit 3D data, installation instructions and product images. Files can be downloaded individually or as a complete package.

IV

Continue in DIALux

Transfer the selected product data directly into DIALux for detailed planning.



signify interact



Simple

Wireless installation of all components, with simple system commissioning.



Effective

Efficient operation, increased productivity and additional energy savings.



Smart

Intelligent lighting delivering versatility, flexibility, reliability, safety and more.

Interact – Connected lighting

Greater efficiency, enhanced productivity, improved safety and real-time data: with connected lighting, you can make industrial facilities smarter. Interact is not only smart, but flexible: the system meets a wide range of project requirements and can be adapted to changes at any time – today and in the future.



Light-management

Control your lighting – anytime, from anywhere



Asset management

Remote diagnostics of installed luminaires, updates and more



Energy monitoring

Accurate measurement and documentation of your energy consumption



Light scene management

Adjust lighting to schedules, shifts and specific tasks

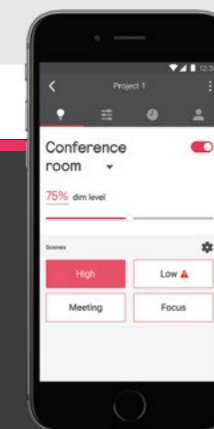
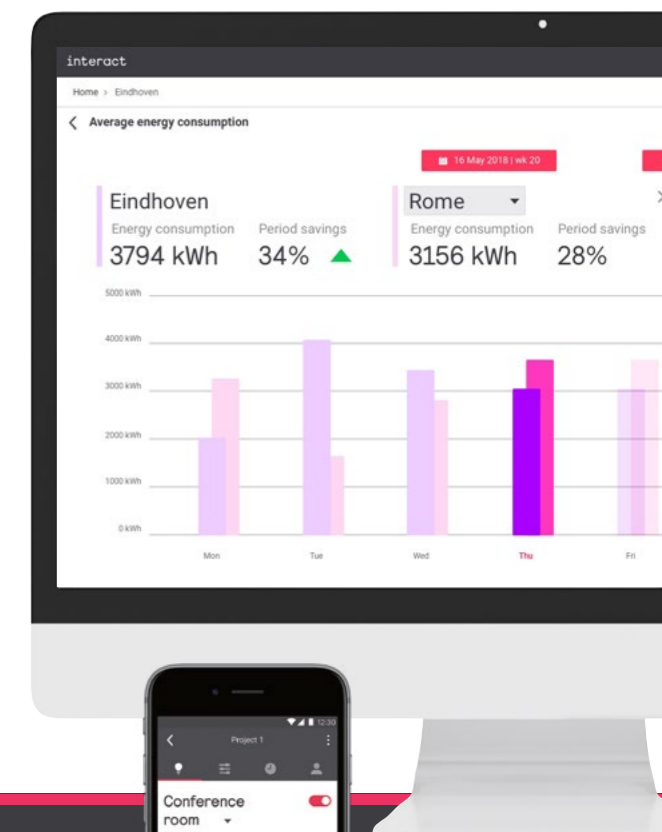


Space management

Optimize space utilization based on real-time data

Benefits at a glance

- Maximum energy efficiency: up to 20% additional energy savings through intelligent controls
- Easy renovation: no additional ceiling cabling required
- Fast installation: ready for operation in just a few clicks after installation
- Ideal for any project size: unlimited scalability
- Flexible: system adjustments possible at any time
- Accurate energy measurement: e.g. for ISO 50001 compliance
- Create and modify light scenes: wirelessly and from anywhere in the world
- Process optimization: real-time data on actual space usage
- Future-ready: cloud-based solution with automatic software updates
- Easy integration: open interfaces (APIs) enable connection to other building management systems



A system that grows with your needs

Interact is a scalable system that can meet a wide variety of requirements. With Interact Pro, simple lighting control via a free app is available. By adding a gateway, you unlock many additional capabilities – from enhanced energy efficiency to advanced space management.

An overview of the different functions can be found on the following pages.

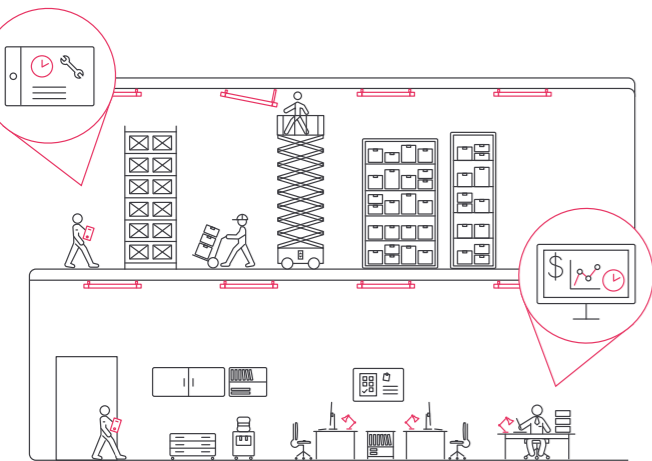
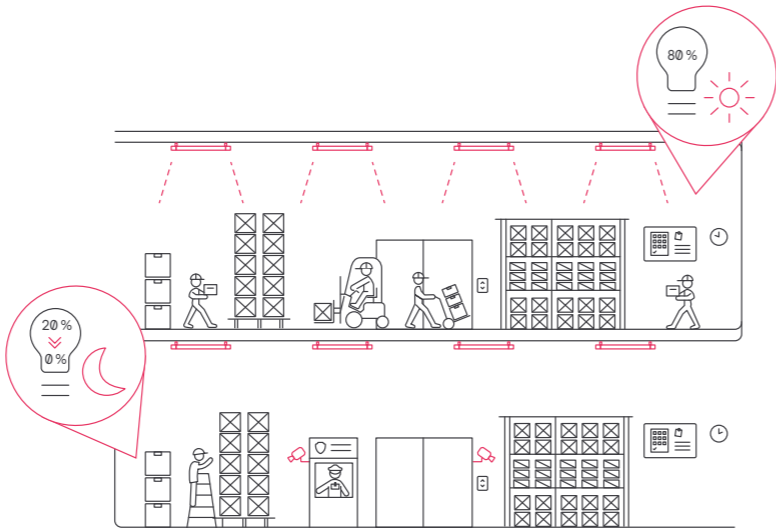
Three examples of how Interact improves your business

Smart lighting does more than just control your lights. The following examples illustrate some of the possibilities offered by a connected lighting system.

1. Optimize energy consumption

With individual, time-based dimming schedules, you can tailor lighting levels to your requirements while minimizing energy consumption.

- 1. System switches on when motion is detected
- 2. Daylight-dependent regulation at 80% during full operation
- 3. Time-controlled dimming to 20% for night inspection rounds



2. Simplify installation and maintenance

Interact is a Zigbee-based wireless system and can be implemented in renovation projects without changing existing wiring.

This helps avoid unpredictable cost risks.

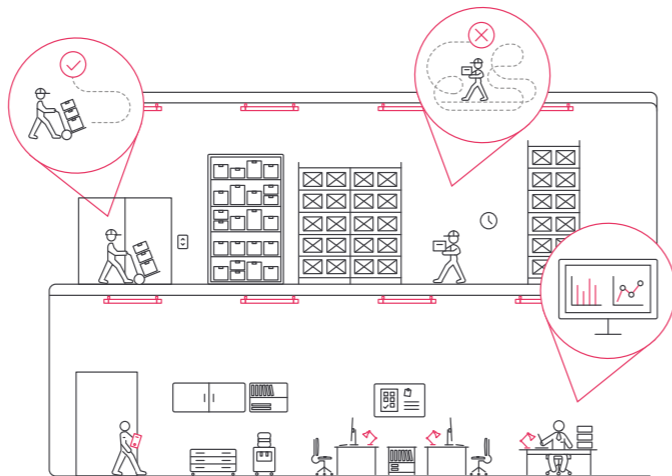
With predictive maintenance, necessary measures can be planned in advance, supporting uninterrupted lighting operation.

Understand space utilization, increase productivity

Interact sensors not only control lighting – they also collect valuable real-time data:

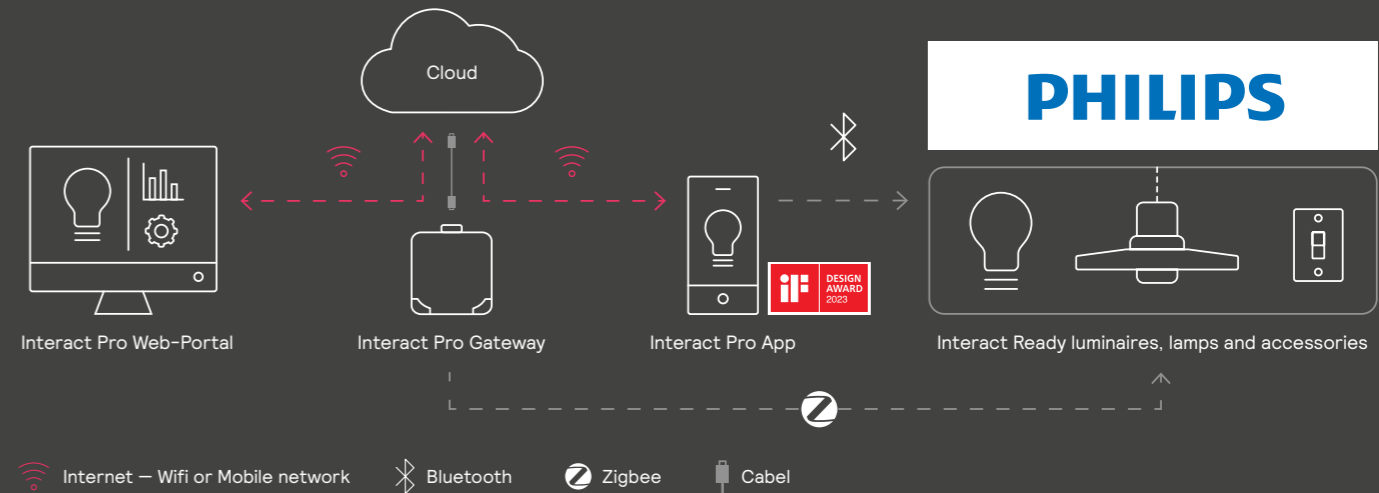
- Insights into space utilization
- Analysis of workflows and movement paths
- Real-time data to optimize operations and processes

Approximately 50% of warehouse effort involves travel and transport. Interact Industry helps increase productivity.



How it works?

How Interact Pro components form a powerful system.



All information about Interact Pro can be found at www.interact-lighting.com

Certified security

Signify has been awarded the DEKRA IEC 62443-3-3 certification for its cloud-based wireless lighting system Interact – the international standard for industrial communication networks and system security.

This certification confirms that the system and its services are comprehensively protected against the continuously growing threats to information security.



Interact is future-ready: EPBD compliance in focus

The EU Energy Performance of Buildings Directive (EPBD) ensures that non-residential buildings will become even more energy efficient in the future. The three key aspects for lighting renovation:

1. Automatic lighting control with zoning and presence detection
By 2028 (2030) for >290 kW (>70 kW) HVAC capacity
2. Energy reporting for monitoring, analysis and adjustment of energy use
3. Building automation and control (BAC), integration with other building systems (HVAC)
By 2025 (2030) for >290 kW (>70 kW) HVAC capacity

Interact meets the requirements of the EPBD. Contact us for more information.

Signify interact features



Functions with Interact Pro

Setup and commissioning



Bluetooth-based setup
Simple commissioning via app



Multiple installers per project
Parallel work enables faster implementation



Off-site project preparation
Reduced on-site effort through pre-configuration via app or web portal



For every application
Perfect adaptation of the system to the requirements of each space

Control



Motion detection
Helps save energy. Light is activated only when needed



Scene support
Define individual lighting settings and activate them via switch or app



Daylight harvesting
Lighting automatically adjusts via sensors



Tunable White*
Set the default color temperature for your luminaires or adjust it manually via wireless switches



Battery-free wireless switches
Enable lighting control from anywhere in the space



Organize your luminaires
Structure your building lighting in networks (e.g. by floor). Achieve granular control by further dividing into groups (e.g. rooms) and zones (e.g. window areas).

Monitoring & support



Cloud backup
Secure storage of all project information in the cloud



Support
24/7 assistance via the in-app chatbot Bulbi



Regular updates
Continuous improvement of functionality and user experience



Security
Protection against unauthorized access to the lighting system

Functions with Gateway



Scalability
One gateway controls up to 200 light points (4x more than conventional Zigbee gateways). Multiple gateways can be combined within one project



User app control
Allow defined users to adjust lighting according to their preferences



Energy reporting for compliance
Up to 12 months of detailed energy consumption data. Export in .csv format for further processing



Time schedules
Automatic schedules tailored to your needs



Future-ready: new features
Access new features without changes to the installation, plus automatic security enhancements with minimal impact on building operations



Remote control
Switch lighting on or off remotely via the app or dashboard

Functions on request



Indoor Positioning
Location-based services enable room booking and control



APIs
Share data with other systems to unlock additional value. Our Developer Portal supports onboarding



Environmental monitoring
Collect data through the existing infrastructure to improve efficiency and wellbeing



Circadian Lighting
Automate your lighting system to support employees' circadian rhythms



Integration
Integrate data (temperature, humidity, occupancy) into building automation (BACnet)



Digital twins
Intuitive operation and parameterization of your system. Clear asset tracking of each luminaire in relation to its position



Services
Gain access to specific optimization potential, energy monitoring and health checks




Many more apps
Unlock additional value such as Interact Space Management, Workspace App, kiosk applications and customer dashboards




**Interested?
Contact us!**


Everything you need to implement your plan



1. Lighting design
Plan your lighting and the associated network




2. Select lamps / luminaires
The Philips Interact Ready portfolio offers solutions for every application



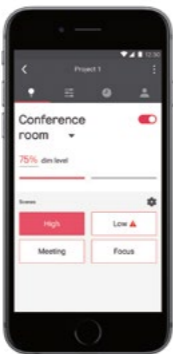
3. Choose accessories
Complete the system with wireless switches and sensors

Look for this logo!

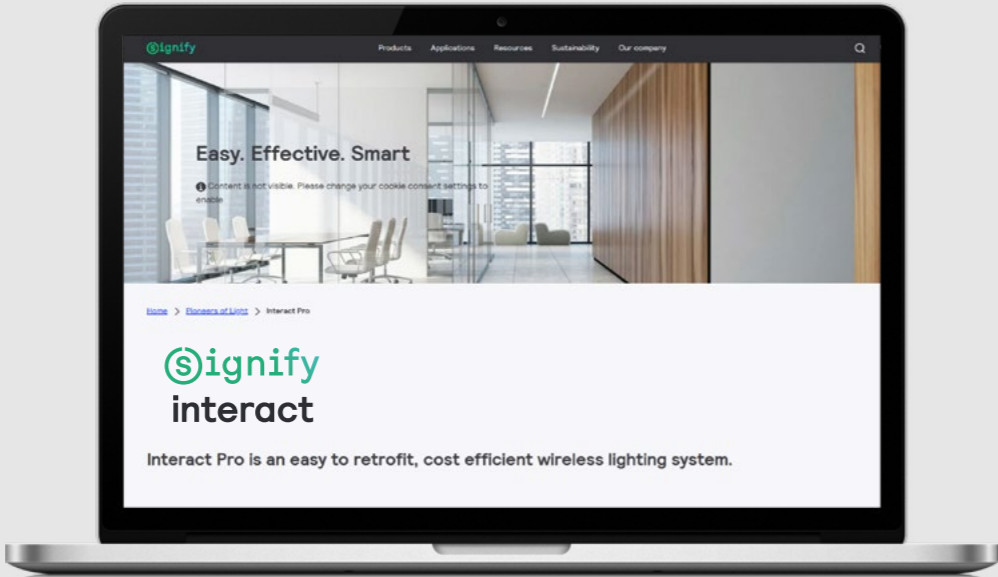


The free Signify Interact Builder app

- Simple system setup across multiple buildings
- Fast commissioning via Bluetooth
- Flexible system that can be installed and configured by one or multiple users
- Easy adjustment and automation of lighting settings
- Cloud backup of project data



The Signify Interact Builder app is available free of charge in the App Store and on Google Play.



For more information on Interact Pro go to:
www.signify.com/global/specifier/interact-pro

Accessories



Gateway (Please note: The best features are only available with Gateway)



- The Interact Pro Gateway offers additional features that contribute to further flexibility, greater user-friendliness and cost optimisation (e. g. energy monitoring, remote control, fault diagnostics)
- Commissioning takes place via the Interact Pro app, dialling into the customer's local IT network
- Free security updates for your complete Interact Pro system

Product name	Product description	Fig.	Order no.
LCN1870/05 Interact Pro wireless gateway	Optional IP gateway for additional functions	1	913701042103

Wireless switch



- Versatile wireless switch for manual control of the Interact Pro lighting system
- With a single or double seesaw
- Battery and mains-free operation thanks to ZigBee Green Power technology
- Versatile mounting options: mountable on existing flush-mounted sockets, directly on the wall using bolts or double-sided adhesive pad (adhesive pad included)

Product name	Product description	Fig.	Order no.
UID8470/10 ZGP Switch Dim 2B	2-button wireless switch (1 paddle), ON/OFF/dimming	2	913701055703
UID8480/10 ZGP Switch Dim 4B	4-button wireless switch (double seesaw), ON/OFF/dimming/scenes	3	913701055803

Wireless motion and presence detector for indoor areas (IP20)



- **Wireless motion detector:** Surface-mounted ceiling installation, battery-operated (8-year battery, replaceable), mounting height: up to 4 m. For CoreLine WIA luminaires and as supplementary motion detector for SEIA U4 / SEIA IA4 luminaires and SIA H4 luminaires.
- **Wireless presence detector** (daylight and motion sensor): Surface-mounted ceiling installation, battery-operated (8-year battery, replaceable), mounting height: up to 4 m. Recommended together with CoreLine WIA luminaires.

Product name	Product description	Fig.	Order no.
OCC 0100A/02 BP Sensor WH	Wireless motion detector	4	913701067003
OCC 0101A/02 DL BP Sensor WH	Wireless presence detector (daylight and motion sensor)	5	913701067103

Wireless presence detector for indoor areas in industry, warehouses and car parks (IP66)



- **Wireless presence detector** (daylight and motion sensor): surface ceiling mounting, 230 V AC mains operation, including connection cable
- For CoreLine WIA luminaires and as an extension sensor for SEIA U4 / SD IA4 / SEIA IA4 luminaires and SEIA H4 / SIA H4 luminaires. The sensor is assigned to a zone and commissioned like a luminaire

Product name	Product description	Fig.	Order no.
MPS3100/05 OCC-DL IA WIA WH 8M	Wireless presence detector (daylight and motion sensor): surface ceiling mounting, 230 V AC mains operation, including connection cable	6	913701071203

Wireless motion detector with Zhaga interface for car park and access road lighting (IP66)



- **Easy installation** on street luminaires with integrated **Zhaga interface**
- **Integrated dusk switch** automatically detects when lighting is required
- **Wireless luminaire-to-luminaire networking up to 49 m**
- **2 versions:** for pole heights up to 4.6 m and up to 12.2 m

Product name	Product description	Fig.	Order no.
LCN4120/15 Int Outd Parking Sensor 15f B	Wireless motion detector, 360° detection area, black, for Zhaga luminaires, max. pole height: 4.6 m	7	913701063303
LCN4150/15 Int Outd Parking Sensor 40f B	Wireless motion detector, 360° detection area, black, for Zhaga luminaires, max. pole height: 12.2 m	7	913701063403

Infrared remote controls



- The IRT9015 and IRT9090 infrared remote controls can optionally be used in combination with the Interact Pro app for even faster commissioning of luminaires with integrated U4, IA4 and H4 sensors.
- Optimum use of the infrared remote controls is guaranteed at mounting heights of up to 16 metres.

Product name	Product description	Fig.	Order no.
IRT9015/00 InterAct Retrofit	For Interact Pro commissioning (recommended)	8	913700396703
IRT9090/01 Extended IR Programming Tool	For Interact Pro and ActiLume commissioning	9	913700359103

Signify myCreation



3D printed lights - innovative, sustainable and smart

Modern lighting comes from the 3D printer. If the standard catalogue doesn't provide the solutions you need, then with our goal, you can create extraordinary, sustainable, customised and, of course, networkable lighting designs using Signify MyCreation products. Individual forms, colours and textures.

Signify myCreation

Inherently sustainable

Luminaires produced using 3D printing are a sustainable solution. By using recycled and mass-balanced bio-circular materials, waste is reduced. This is a conceptual contribution to the circular economy, also thanks to a significant reduction in CO₂ emissions through local production.

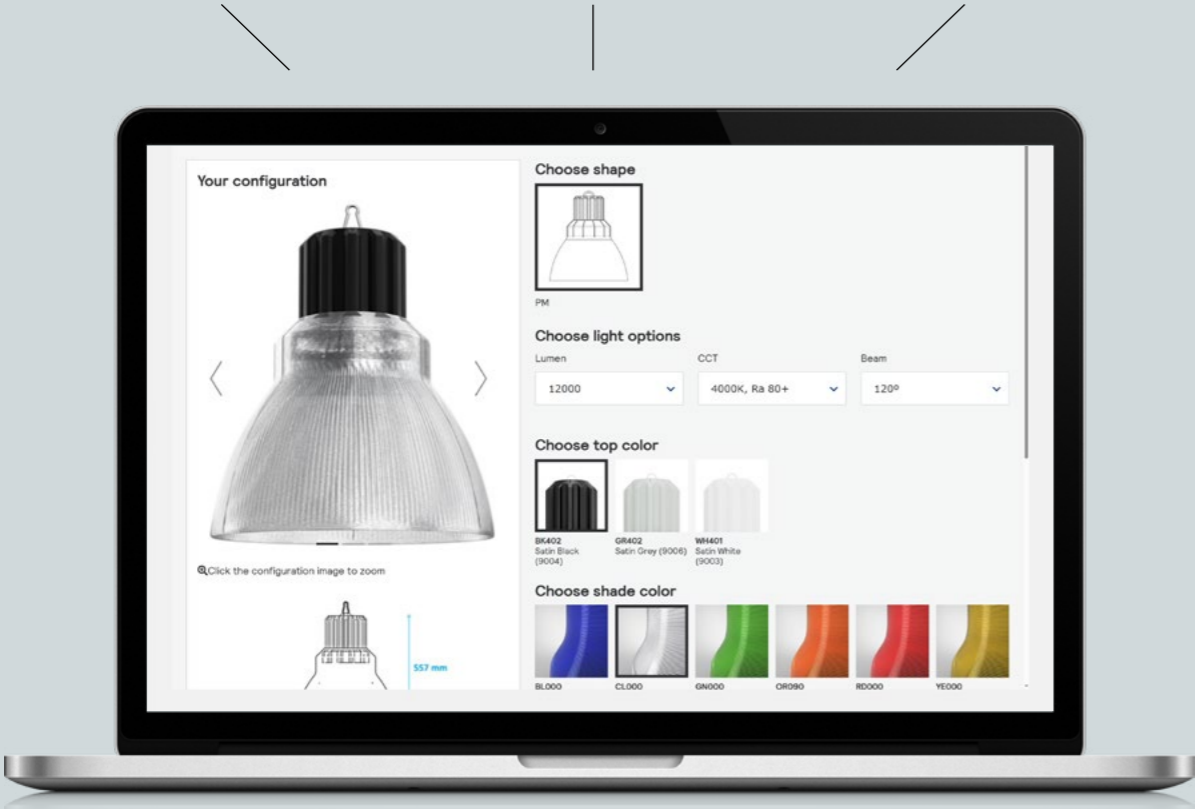
- + All printed parts consist of at least 65% sustainable materials*
- + We strictly avoid the use of 100% virgin materials in our printing process
- + Our paper packaging is made of at least 80% recycled paper



Configure a luminaire for your project

What if your luminaires could fulfil your growing requirements far beyond their normal service life? Including service, maintenance, replacement and upgrades? All of this while you simply enjoy the best lighting performance and reduce your CO₂ footprint?

1. Model
E.g. downlights, suspended luminaire or projectors.
2. Specifications
Light colour, lumen, beam angle, etc.
3. Colour & textures
Many diverse variations from subtle to pronounced!



Fast delivery included!
Thanks to local production with short delivery routes.



Go to the online configuration tool:
www.signify.com/mycreation



4. Control
All luminaires can be connected wirelessly – the right DALI or Interact option gets the best out of your lighting.

3D highlights in this catalogue

3D printing offers you unimagined possibilities to create something individual with lights. Below we present two particularly exciting solutions in more detail!

Signify myCreation Essential

The round light that suits every style. As recessed, suspended or surface-mounted luminaire

- + Thanks to innovative MXO (micro lens hexagonal) optics also suitable for office work stations
- + Customisable: Wide range of colours & textures
- + Printed parts made from at least 55% recycled or mass-balanced bio-recycled material
- + Diameter 390 or 580 mm
- + Luminous flux up to 8,000 lm (depending on size and optics)

More information on page 128



Signify myCreation GreenSpace recessed downlight

The perfect downlight for any ceiling cut-out

- + Fits into any ceiling cut-out from 150 mm to 280 mm
- + Thanks to optional anti-glare ring it is also suitable for computer workstations
- + Printed parts made from at least 55% recycled or mass-balanced bio-recycled material
- + No adapter rings required – for an attractive ceiling design and easy installation

More information on page 170





Signify myCreation Grand

- + Three shapes, two sizes
- + Numerous variations of modern textures and colours
- + Luminous flux: 1,200 - 4,900 lm
- + Luminous efficacy of up to 143 lm/W
- + Colour reproduction CRI 90+ and CRI 80+
- + Colour temperatures 2,700 K; 3,000 K; 4,000 K



Signify myCreation Accent Track

- + Track Projectors with Philips PerfectAccent reflectors for brilliant light offering top viewing comfort
- + Numerous housing colour variants
- + Luminous flux: 1,700 - 4,200 lm
- + Luminous efficacy of up to 148 lm/W
- + Colour reproduction CRI 90+ and CRI 80+
- + Colour temperatures 2,700 K; 3,000 K; 4,000 K as well as light recipes for foodstuffs
- + Six beam angles

Discover the possibilities at www.signify.com/mycreation

Signify myCreation HighLight

- + High performance and energy efficient
- + Customizable and distinctive designs
- + Luminous flux: 14,000, 19,000 or 24,000 lm – adjustable on the luminaire
- + Luminous efficacy of up to 196 lm/W
- + Color rendering: CRI 80+
- + Light colors: 3,000 K, 4,000 K
- + Designed for high-ceiling applications



Under Armour

Installation of approx. 150 lights per shop. Including 3D-printed Accent Track spotlights.



Renault

Individual lighting of retail spaces using Dome suspended luminaires as a scalable solution.

Signify NatureConnect

Signify NatureConnect

Dynamic light with a daylight character and a view of the sky for a wide range of indoor applications

“Working under the open sky” perfectly describes the effect of NatureConnect.

The NatureConnect SkyLight combines high-quality, functional, Office-compliant white “daylight” with an artificial, decorative skylight featuring a “blue sky” and sunlight effect. It also delivers a melanopic stimulus.

Brightness and light color dynamically follow the course of the day and adjust automatically.

Three light recipes can be selected via a wireless switch, bringing the unique NatureConnect lighting experience to life. Indoor spaces across many applications (offices, meeting rooms, reception and waiting areas, healthcare, retail spaces, hotels) are brought into harmony with nature.

All light recipes support the natural human biorhythm. The “Day Rhythm” recipe brings the positive effects of daylight into the office and helps employees feel more alert, awake and energized.

It creates a comfortable working environment that can have a positive impact on mood and overall well-being in the office.

More about the light recipes on the next page.

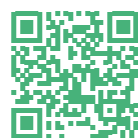


NatureConnect is highly efficient, long-lasting and suitable for any office:

- Up to 106 lm/W
- Median useful lifetime: 100,000 hours (L80)
- Office-compliant, flicker-free and excellent color rendering ($R_a \geq 90$)

Like outdoors. Only better.

No matter the weather outside, the sun always shines indoors. NatureConnect makes it possible: SkyLight luminaires replicate the natural sky with a dynamic daylight rhythm and a view of blue sky with sunlight.



NatureConnect video and more:
www.signify.com/natureconnect



Replication of a natural sky with dynamic daylight progression and sky view



Enhances employee vitality and increases alertness and well-being



Three individually selectable light recipes



Transforms poorly lit or windowless areas into spaces where people enjoy working



Supports the natural human biorhythm



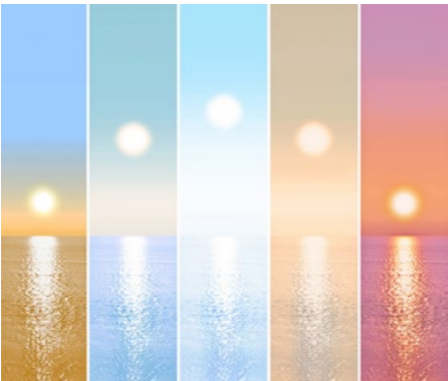
Brings indoor spaces into harmony with nature

The right light at the right moment – 3 light recipes

Three pre-programmed light recipes enable individual selection of the desired lighting. Selection is made easily via the NatureConnect wireless switch. Brightness can also be manually dimmed if required (100–3%, SkyLight 60 also Dim-to-Warm). The wireless switch operates without batteries or mains power.



1. Day Rhythm



Replicates the natural course of daylight and, through melanopic stimulus, supports the human biorhythm, helping us experience the day with greater vitality and alertness.

2. Energize



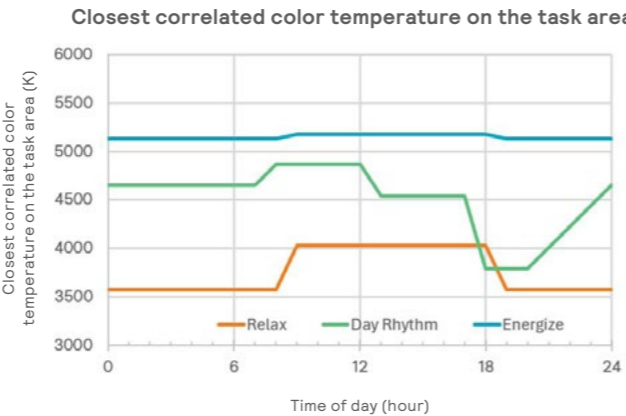
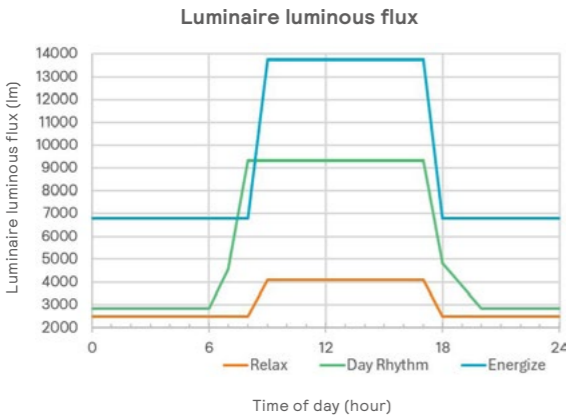
Cooler light and higher luminous flux enable focused work and discussion, enhancing vitality and alertness.

3. Relax

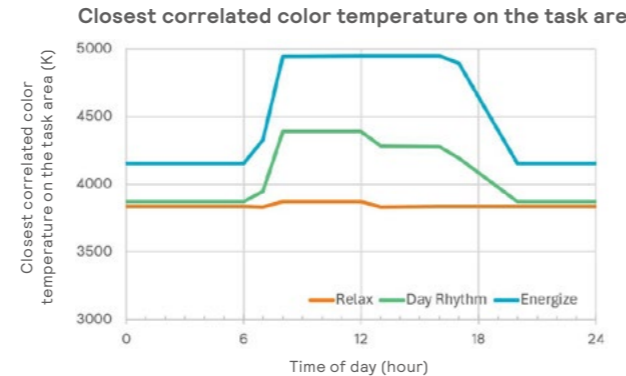
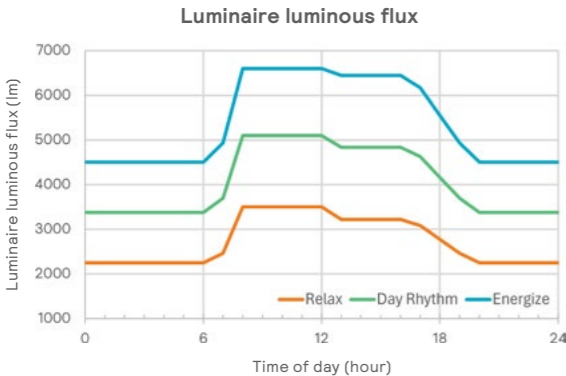


A relaxed atmosphere through warmer light color and lower luminous flux: ideal for informal meetings, celebrations or preparing for the end of the workday.

Lighting characteristics for the three light recipes using SkyLight 120



Lighting characteristics for the three light recipes using SkyLight 60



Suitable for many applications

Offices, meeting rooms, entrance areas, corridors, retail spaces, healthcare and education facilities, fitness centers, care homes, showrooms and many more.



Versatile control options

Commissioning and operation with the free Interact Pro app in combination with the NatureConnect Starter Kit is the simplest and most flexible control option. Brightness and light color dynamically follow the daylight rhythm and adjust automatically. The wireless switch allows smooth dimming.

Fully automatic control via a wireless occupancy sensor (motion- and daylight-dependent). Additional wireless

switches or motion sensors can be easily integrated into the system.

Further control options within existing DALI/KNX/Dynalite building control systems expand operational possibilities.

Operation without control – simple ON/OFF – is also possible.

Control	Lighting behavior	Required components	Luminaires
Interact Pro	Dynamic, 3 light recipes, dimming	NatureConnect-StarterKit	SkyLight 60 SkyLight 120 SkyLight 300
DALI / KNX / Dynalite	Dynamic, 3 light recipes, dimming	NatureConnect-Box	
AN/AUS	AN*/AUS		

*Factory setting of the respective SkyLight luminaire

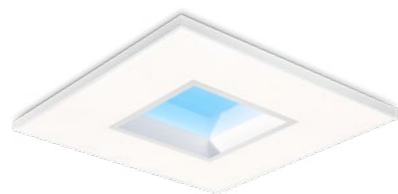
The NatureConnect experience – with just 3 ingredients!

1. Choose your luminaire



SkyLight 60 – the retrofit solution

- Lay-in luminaire – ideal for ceiling systems with visible T-profiles in module 600
- Easy installation – simple lay-in
- Luminaire luminous flux 3,500–6,600 lm
- With optional accessories, the luminaire can also be recessed into cut ceilings or converted into a direct pendant luminaire



SkyLight 120 – the lighting experience for many applications

- Pendant luminaire – ideal for open ceilings
- Available with white (similar to RAL 9003) or anthracite (similar to RAL 7043) frame; special colors on request
- Luminaire luminous flux 4,110–13,760 lm
- Supplied with mounting accessories
- Frame height only 50 mm
- Optionally, SkyLight 120 can also be integrated “flush” or in a “surface-mounted look” into cut ceilings, ceiling islands or ceiling systems with visible T-profiles*



SkyLight 300 – for special spaces

- Pendant luminaire – the solution for distinctive applications
- Luminaire luminous flux: up to 30,000 lm
- Anthracite frame (similar to RAL 7043)
- Visible frame height 90 mm
- Scope of delivery consists of multiple luminaires, components and mounting accessories

2. The Starter Kit

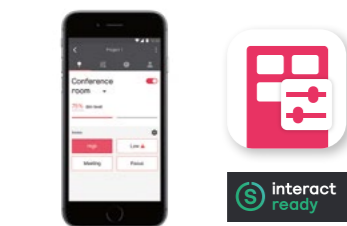


The basic accessories for simple commissioning and operation of NatureConnect include:

- NatureConnect Link (control box) with three light recipes, including 230 V power supply
- Wireless occupancy sensor with recessed and surface-mounted housing
- NatureConnect wireless switch for selecting light recipes/dimming with engraved symbols



3. Signify Interact Builder app



- Simple commissioning via smartphone or tablet
- With the free Signify Interact Builder app (available in Google Play Store or App Store)



* Access (e.g. inspection hatch) to the area above the ceiling must be provided, and suspension from the structural ceiling or a solid ceiling must also be available.

Optional accessories



Extension for large spaces

- NatureConnect wireless switch for selecting light recipes/dimming with engraved symbols
- Wireless motion sensor

Best ordered together. All ordering information can be found in the following overview.

Technical data and ordering information



For all NatureConnect luminaires:

- Excellent color rendering for highest light quality: $R_a \geq 90$
- Very long median useful lifetime: L80 @ 100,000 hours
- High efficiency: 96 lm/W (SkyLight 60), 106 lm/W (SkyLight 120), 94 lm/W (SkyLight 300)
- Tunable White of the functional light: 3,800–4,900 K (SkyLight 60), 3,700–5,200 K (SkyLight 120), 3,800–4,900 K (SkyLight 300)

Product designation	Luminaire luminous flux (lm)	System power (W)	Luminous efficacy (lm/W)	Median useful lifetime @ L80 (h)	Closest correlated color temperature (K)	Dim-mable	L x W x H (mm)	Weight (kg)	12NC
NatureConnect lay-in luminaire SkyLight 60: square, module 600 (W60L60), with daylight character and artificial skylight, controllable in combination with NatureConnect Starter Kit (Interact Pro connectivity) or integration into a DALI network									
LP913P NC3 SKYLIGHT DIA W60L60	3,500 5,100 6,600	36.5 55 75	88 – 96	100,000	3,800 4,300 4,900	Yes	595 x 595 x 138	7.1	910505105730
NatureConnect pendant luminaire SkyLight 120: with daylight character and artificial skylight, controllable in combination with NatureConnect Box, with white (WHT) or grey housing frame (GRY), controllable in combination with NatureConnect Starter Kit (Interact Pro connectivity) or integration into a DALI network									
LP911P NC2 SKYLIGHT A W120L120 WHT	Maximal	130	106	100,000	3,700 – 5,200	Yes	1,195 x 1,195 x 50/150	30,0	910505103473
LP911P NC2 SKYLIGHT A W120L120 GRY	13,760					Yes			910505103544
NatureConnect pendant luminaire SkyLight 300: with daylight character and artificial skylight, controllable in combination with NatureConnect Box, with anthracite frame (similar to RAL 7043)									
SkyLight 300 (consisting of multiple luminaires and components)	Typical: 30,000	Typical: 315	94	100,000	3,800 – 4,900	Yes	3,037 x 1,838 x 90/141	125	Upon request
Required accessories									
LP912P NC SCENE & OCC SET V1	NatureConnect Starter Kit for dynamic operation with Interact Pro (includes the NatureConnect Box with the three dynamic light recipes, wireless occupancy sensor SC200B, recessed and surface sensor housing and the NatureConnect wireless switch)								910505103996
LP912P NC2 CONTENT GENERATOR	NatureConnect Box for dynamic operation with DALI/KNX/Dynalite and Interact Enterprise; including use of the 3 dynamic light recipes								910505103474
For all SkyLights: Optional accessories									
LP911P NC2 IA UID8480 Office-EU A	NatureConnect wireless switch with double rocker; as an addition for larger rooms with multiple entrances (4-button wireless switch, ON/OFF/3 light recipes/dimming, ZigBee GreenPower – battery- and mains-free operation)								910505103545
OCC 0100A/02 BP Sensor WH	Wireless motion sensor for surface ceiling mounting, IP20, battery-operated (replaceable) – with 8-year battery								913701067003
Optional accessories for recessed installation in cut ceilings (e.g. plasterboard ceilings) – sheet steel, white painted									
LP913Z NC3 PLASTER CEILING SET W60L60	Recessed frame for SkyLight 60								910505105793
Optional accessories for pendant mounting (perimeter trim frame, white painted and 4 individual suspension wires, tool-free, continuously height-adjustable up to max. 3 m, and 4 ceiling fixing cylinders)									
LP913Z NC3 SUSPENSION SET W60L60	Suspension set for SkyLight 60								910505105790

Would you like even more?

For an even more impressive lighting experience, each NatureConnect SkyLight luminaire can be combined with selected Tunable White luminaires from the TrueLine family and PowerBalance lay-in and recessed luminaires. These luminaires are also connected to the NatureConnect Box and then follow the light recipes synchronously.

Interested? Get in touch:
www.signify.com/natureconnect





Individual adjustment from warm white to daylight white and dimmed.

Personal Light

Individual, stepless comfort lighting at the touch of a button

With Personal Light, light color and brightness can be individually and continuously adjusted. Brighter or dimmer – always tailored to employee needs, the task or the occasion.

Benefits at a glance:

- Two luminaire families to choose from:
- TrueLine and PowerBalance Tunable White
- (can also be combined depending on application)
- Stepless, individual adjustment of light color from 2,700 K (incandescent-like warm white) to 6,500 K (daylight white)
- Luminaire luminous flux continuously adjustable between 100% and 1%
- Two light scenes can be individually defined, saved and recalled via the Interact Pro wireless switch. A third light scene is permanently pre-programmed (4,000 K)
- Automatic control and switching via integrated wireless occupancy sensor (motion and daylight dependent) provides additional energy savings
- Simple installation, as only one (existing) 3-core cable is required. No additional control wiring needs to be installed.



Meeting rooms easily receive the right light for different occasions at the touch of a button.

Personal Light – with just 3 ingredients!

1. PowerBalance or TrueLine Tunable White luminaires



2. Wireless switch



- On/off
- Recall 3 light scenes, 2 of which are freely programmable
- Stepless adjustment of light color and brightness

3. Signify Interact Builder app



- Simple commissioning via smartphone or tablet
- With the free Interact Pro app (available in Google Play Store or App Store)

Personal Light Tunable White luminaires and accessories

PowerBalance TW9 SIA U4/IA4



Square version



Long-field version



- Lay-in luminaires for ceiling systems with visible T-profiles in module 600.
- Highly efficient SmartPyramid or the new Leaf optic for office-compliant, comfortable light
- Recessed luminaires on request

TrueLine TW9 SIA U4



Pendant luminaire



Surface-mounted luminaire



Recessed luminaire



- Pendant and surface-mounted versions: aluminum, natural anodized, white (RAL 9003) or black (RAL 9004) painted
- Satin office-compliant and opal optics available for uniform light
- Also available as a trunking system version
- Pendant and surface-mounted luminaires: also available in double length












Technical specifications

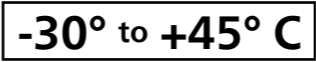









Product name	lm ²	W ³	lm/W ⁴	K ⁵	UGR	Dim- mable ⁸	Estimated service life (L80/75)	L x W x H (mm)	12NC
PowerBalance, lay-in luminaire, Personal Light, Interact Pro Ready, office-compliant optic, Tunable White (TW9), with controllable SensorInteractReady driver (SIA), with wireless multi-sensor, Bluetooth and ZigBee connected (U4/IA4), with plug-in connector (PIP)									
RC461B 80S/TW9 SIA W60L60 VPC U4	7,800	64	122	2,700 – 6,500	19	Yes	100,000	597 x 597 x 86	910505103383
RC461B 80S/TW9 SIA W30L120 VPC IA4	7,800	64	122	2,700 – 6,500	19	Yes	100,000	1,197 x 295 x 79	910505103387
TrueLine, suspended luminaire, direct-indirect distribution (70%-30%), Personal Light, Interact Pro Ready, office-compliant optic, satin (SP532P) or opal optic (SP533P), Tunable White (TW9), with controllable SensorInteractReady driver (SIA), with wireless multi-sensor, Bluetooth and ZigBee connected (U4), length: 1.17 or 1.45 m, housing: natural anodized aluminum, with suspension set (SM2)									
SP532P LED58S/TW9 SIA U4 SM2 L1170 ALU	5,850	49	119	2,700 – 6,500	16	Yes	100,000	1,170 x 55 x 88	910505105671
SP532P LED77S/TW9 SIA U4 SM2 L1450 ALU	7,800	67	116	2,700 – 6,500	16	Yes	100,000	1,449 x 55 x 88	910505105663
SP533P LED41S/TW9 SIA U4 SM2 L1170 ALU	4,100	41	100	2,700 – 6,500	25	Yes	100,000	1,170 x 55 x 88	910505105672
SP533P LED54S/TW9 SIA U4 SM2 L1450 ALU	5,400	55	98	2,700 – 6,500	25	Yes	100,000	1,449 x 55 x 88	910505105664
TrueLine, suspended luminaire, direct distribution, Personal Light, Interact Pro Ready, office-compliant optic, satin (SP530P) or opal optic (SP531P), Tunable White (TW9), with controllable SensorInteractReady driver (SIA), with wireless multi-sensor, Bluetooth and ZigBee connected (U4), length: 1.17 or 1.45 m, housing: natural anodized aluminum, with suspension set (SM2)									
SP530P LED40S/TW9 SIA U4 SM2 L1170 ALU	4,000	33	121	2,700 – 6,500	19	Yes	100,000	1,170 x 55 x 88	910505105673
SP530P LED50S/TW9 SIA U4 SM2 L1450 ALU	5,000	41,5	121	2,700 – 6,500	19	Yes	100,000	1,449 x 55 x 88	910505105665
SP531P LED25S/TW9 SIA U4 SM2 L1170 ALU	2,500	27	93	2,700 – 6,500	25	Yes	100,000	1,170 x 55 x 88	910505105674
SP531P LED31S/TW9 SIA U4 SM2 L1450 ALU	3,100	34	91	2,700 – 6,500	25	Yes	100,000	1,449 x 55 x 88	910505105666
TrueLine, surface-mounted luminaire, Personal Light, Interact Pro Ready, office-compliant optic, satin (SM530C) or opal optic (SM531C), Tunable White (TW9), with controllable SensorInteractReady driver (SIA), with wireless multi-sensor, Bluetooth and ZigBee connected (U4), length: 1.17 or 1.45 m, housing: natural anodized aluminum									
SM530C LED40S/TW9 SIA U4 L1170 ALU	4,000	33	121	2,700 – 6,500	19	Yes	100,000	1,170 x 55 x 88	910505105675
SM530C LED50S/TW9 SIA U4 L1450 ALU	5,000	41,5	121	2,700 – 6,500	19	Yes	100,000	1,449 x 55 x 88	910505105667
SM531C LED25S/TW9 SIA U4 L1170 ALU	2,500	27	93	2,700 – 6,500	25	Yes	100,000	1,170 x 55 x 88	910505105676
SM531C LED31S/TW9 SIA U4 L1450 ALU	3,100	34	91	2,700 – 6,500	25	Yes	100,000	1,449 x 55 x 88	910505105668
TrueLine, recessed luminaire, Personal Light, Interact Pro Ready, office-compliant optic, satin (RC530B) or opal optic (RC531B), Tunable White (TW9), with controllable SensorInteractReady driver (SIA), with wireless multi-sensor, Bluetooth and ZigBee connected (U4), with plug-in connector (PI3), for installation in cut ceilings (PCV)									
RC530B LED50S/TW9 SIA W8L145 PCV U4	5,000	41,5	121	2,700 – 6,500	19	Yes	100,000	1,432 x 75 x 136	910505105669
RC531B LED31S/TW9 SIA W8L145 PCV U4	3,100	34	91	2,700 – 6,500	19	Yes	100,000	1,432 x 75 x 136	910505105670
Required accessory									
UID8480/10 ZGP Switch Dim 4B	4-button wireless switch (double rocker), ON/OFF/stepless brightness & light color adjustment/scenes – only with TW9 SIA U4/IA4 luminaires, ZigBee GreenPower technology (battery- and mains-free operation)								913701055803
Optional accessory									
OCC 0100A/02 BP Sensor WH	Wireless motion sensor for surface ceiling mounting, IP20, battery-operated (replaceable) – with 8-year battery								913701067003

Note: Additional TrueLine Tunable White versions available via configurator. Please contact Signify.

Footnote explanations: see page 234

For an optimum perspective!

	Product marked as Interact Ready may be intelligently controlled using the Interact system – more details on page 16
	Luminaires with the Circular Economy Ready symbol are designed for the circular economy – more information on page 13
	All-in products offer maximum flexibility: It is possible to select one of various colour temperatures and one of various luminous flux values during installation.
	Colour rendering index R_a higher than or equal to 90: Colours are rendered in an excellent manner, almost as if in daylight. The standard is R_a 80. The colour temperature in Kelvin indicates the subjective colour perception of the light (3,000 K: warm, 4,000 K: neutral, 6,500 K: cold)
	An Environmental Product Declaration (EPD) is available for these products. It enables an objective comparison of products – more information on page 12
	Specification of the average lifetime in hours with 80% of the luminous flux maintained
	European Norms Electrical Certification (ENEC) certification. The number identifies the independent inspection body
	In addition to the ENEC mark certifying the quality and safety of a product, the ENEC+ mark stands for the credibility of product data, in particular for the reliable operation of LED modules and LED luminaires
	Manufacturer's warranty for the luminaire in years
	CE mark of the luminaire
	Luminaire efficiency in lumens per watt. For clarity, Philips subdivides its luminaires in the segments Good, Better and Best (see page 5)

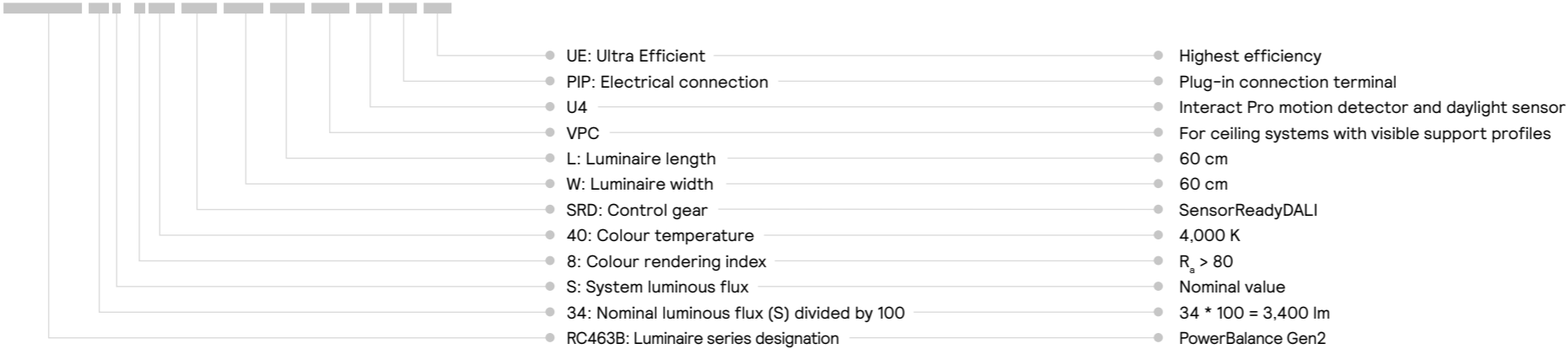
	Working temperature range for which this luminaire is designed in °Celsius
	This luminaire is eligible for funding in Germany through the Federal Subsidy for Efficient Buildings (BEG)
	IK denotes the degree of impact and shock resistance of a luminaire
	The IP protection classes indication describes the degree of protection of a luminaire against the intrusion of water and foreign bodies (dust).
	This luminaire has protection class I and has a protective conductor connection (earthing)
	Protection class II products have reinforced insulation (safety insulation). All conductive parts that could be touched are separated from live parts by reinforced insulation
	The "D" symbol per IEC 60598-1 identifies luminaires whose temperatures on horizontal surfaces do not exceed 115 °C
	Ball-proof, tested in accordance with DIN 18032, suitable for use in sports facilities
	Suitable for use in zone 2, zone 22, per the EC directive 1999/92/EC
	Certified according to the Zhaga and DALI standards. Indicates Plug-and-Play interoperability between certified luminaires and certified control units.

LED luminaires by Philips

Explanation of our product names

PowerBalance Gen2

RC463B 34S/840 SRD W60L60 VPC U4 PIP UE



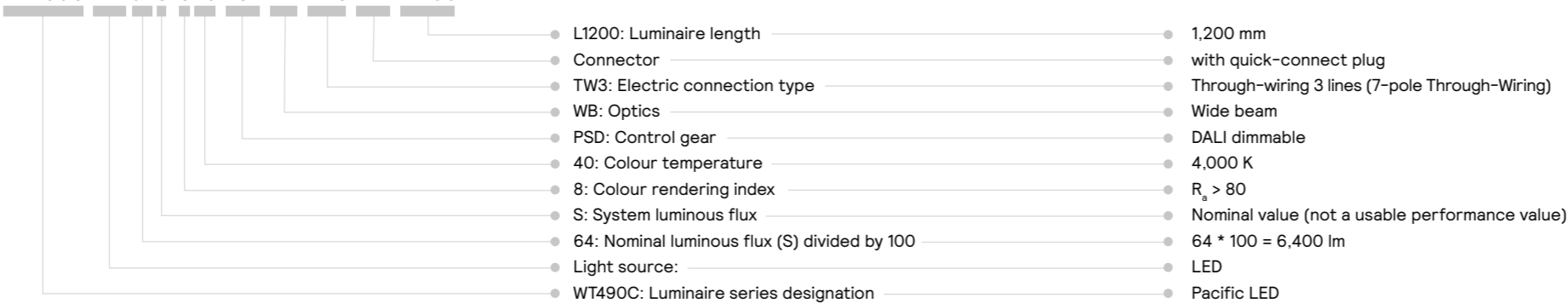
GreenSpace Compact Downlight

DN460B LED11S/830 PSU-E C WH GCC



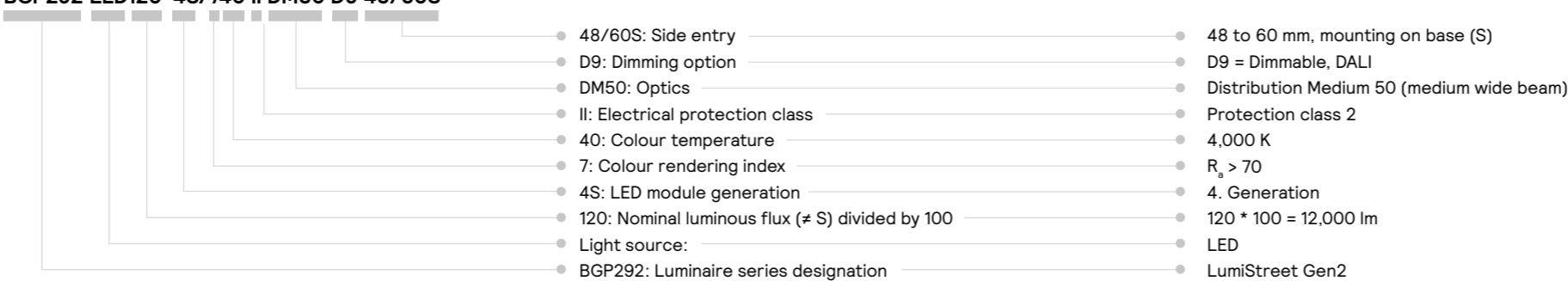
Pacific LED

WT490C LED64S/840 PSD WB TW3 WA7 L1200



LumiStreet Gen2

BGP292 LED120-4S/740 II DM50 D9 48/60S



High Bay Luminaires



GentleSpace Gen4

High-efficiency LED High Bay Luminaire in a modern, flat design – perfect for new structures and refurbishments

- + Efficiency of up to 174 lm/W, UE versions (Ultra Efficient) up to 189 lm/W
- + Average lifetime (L85): 100,000 hours
- + Six types of optics (very narrow, narrow, medium, wide beam, as well as for high-bay warehouses and asymmetrical beam)
- + Simple installation with Cable Suspension (optionally with mounting bracket for ceiling or wall)
- + DALI-Controlled (PSD), also Interact Pro Ready – for a wirelessly connected, adjustable light (SIA H4))
- + 3,000, 4,000 and 6,500 K (5,000 K upon request)
- + Versions for very high ambient temperatures, use at swimming pools, ball-impact resistant and for explosion hazard areas, seawater resistant, chemically resistant, corrosion resistant (C4H)
- + 5-year warranty

BEST



CoreLine High Bay Luminaire Gen5 / Gen6

Compact, lightweight and robust LED High Bay Luminaire – ideal as an inexpensive 1:1 replacement in refurbishments or new builds

- + Efficiency of up to 170 lm/W (Gen5) and 196 lm/W (Gen6)
- + Average lifetime (L85): 50,000 hours
- + Two types of optics (low and wide beam)
- + 4,000 K
- + Switchable (PSU), DALI-Controlled (PSD), also Interact Pro Ready – for wirelessly connected, adjustable light (SIA H4)
- + Simple electric connection and quick installation thanks to single-point mounting hooks
- + 5-year warranty

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



GentleSpace Gen4

Application

- + Manufacturing (even in demanding environments) and food production
- + Warehouses and logistics centres
- + Sports, swimming and exhibition halls



Circular ready = particularly sustainable (see page 13)



About the luminaire

With the fourth generation of the GentleSpace LED high-bay luminaire, we once again bring innovation to the market, delivering tailored lighting solutions for high-bay applications, industrial environments and a wide range of specialised applications.

GentleSpace Gen4 offers six different beam angles with luminous flux of up to 49,000 lm (70,000 lm in a twin configuration). Installation is possible via suspension mounting or bracket mounting on ceilings or walls.

This means that with GentleSpace Gen4 you can create customised and ideal lighting solutions for any industrial application with high ceilings.

Thanks to a wide range of special versions, GentleSpace is also the perfect solution for swimming pools, sports halls, high-temperature areas (up to +70° C), and environments requiring chemical resistance or corrosion protection (C4H).

In addition, GentleSpace can be integrated into our wireless lighting control system Interact Pro – either with a wireless antenna (IA9) or with a motion and daylight sensor (H4).

Thanks to its large light-emitting surface, GentleSpace ensures a high level of visual comfort. It therefore combines pleasant light with outstanding robustness – the ideal combination for your application.



Large housing (from 20,000 lm) with mounting bracket and H4 sensor



Small housing (up to 17,000 lm) with suspension mounting



Large light-emitting surface for high visual comfort (minimal perceived glare)



100,000 h
Average lifetime (L85)

Warranty
in years
5

up to 189 lm/W

BEST

At a glance

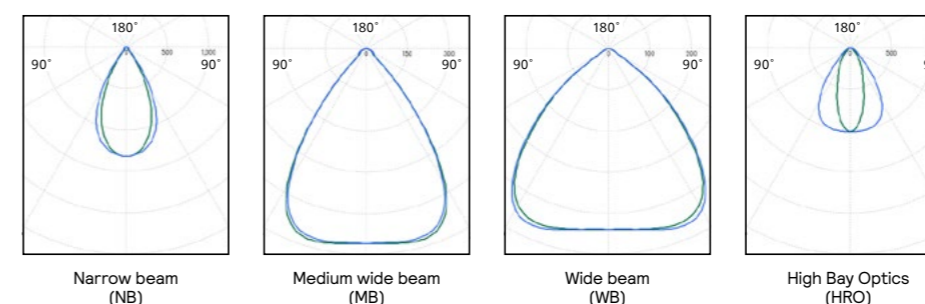
Advantages

- + First-class lighting with a high degree of homogeneity and reduced glare
- + Robust and reliable solution for a long lifetime
- + Highly-efficient solution for attractive TCO
- + Flexibility thanks to comprehensive options for adapting to changing application requirements
- + Seamless integration into existing and future system and software applications
- + Suitable for a wide range of applications, including food production, manufacturing areas with different ceiling heights and for installation in high-ceilinged halls
- + XT version suitable for high ambient temperatures of +60°/+70° C (lifetime 50,000 h (L80) at T_a 45° C)

Features

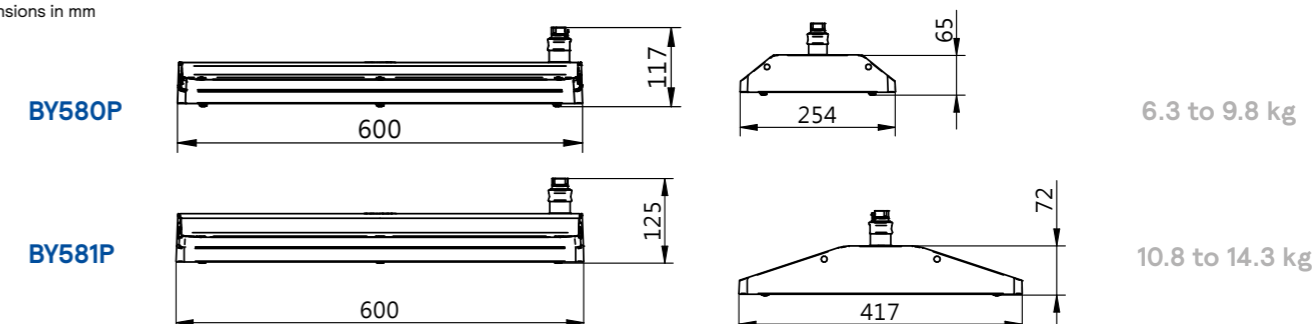
- + High efficiency up to 174 lm/W and 189 lm/W in an ultra-efficient version (UE)
- + Long lifetime of 100,000 hours with L85
- + Mounting bracket for ceiling or wall installation. In combination with the asymmetric optics and wall mounting, lighting with light points positioned to the side of the illuminated area is possible. This avoids glare completely, for example in sports halls.
- + Compliant with standard EN 12464-1; low glare and a colour rendering index of ≥ 80
- + Suitable for new buildings or direct replacement of HPL/HPI 250, 400, 700 W; energy consumption reduction by up to 70%
- + Available as an Interact Ready luminaire with wireless antenna (IA9) or motion and daylight sensor (H4)

Light distribution curves



Dimensions and weight

Dimensions in mm



GentleSpace Gen4

Configuration guide

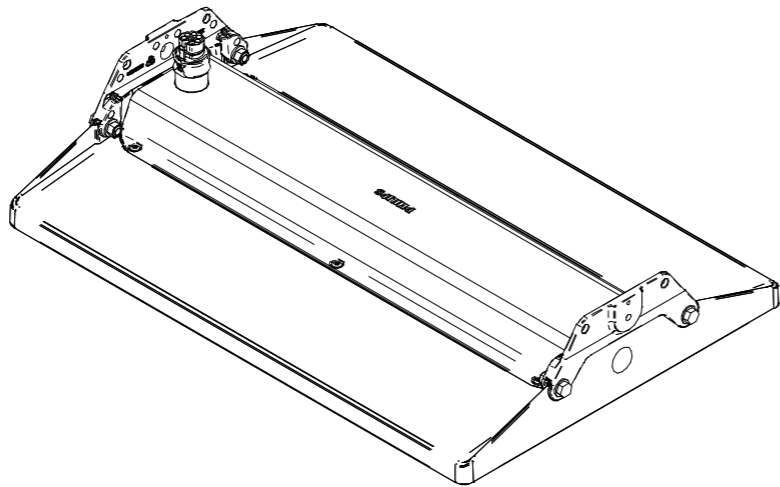
Please discuss possible combinations and exclusions with your Signify contact person.



You can configure this product directly online in the product catalogue.

	Product family code	Ambient temperature	Efficacy	LED module	Colour temperature	Driver	Impact protection	Constant light output	Integrated lighting control	Protection class	Optics	Optics cover	Paintwork	Housing colour	Assembly	Emergency lighting	Direct housing connection¹	Connection type	Cable length¹
Small size	GentleSpace Gen4 High bay BY580P	Normal temperature NT Extreme temperatures (up to +70°C) XT¹		10,000 lm LED100S¹ 13,000 lm LED130S 17,000 lm LED170S		Switchable PSU¹ DALI + System Ready/Interact Ready DIA DALI + System Ready/Interact Ready + central emergency lighting DEIA	None N Ball-proof BP		None N			Tempered glass cover GC Clear polycarbonate cover PC¹,²	Standard STD Swimming pool protection SWP¹,²,³ Chemical resistant CHEM¹,²,³ Seawater resistant MSP¹,²,³ High corrosion class IV C4H¹,²,³			Single battery emergency light module PRO (3h/850 lm) ELP3¹ Single battery emergency light module DALI (3h/850 lm) ELD3¹	Wieland IP68 connector, 3-pin² WC3 Wieland IP68 connector, 5-pin³ WC5 Wieland IP68 connector, 7-pin⁴ WC7	No connector (open cable end)¹ Standard Wieland IP68 connector, 3-pin² WC3 Wieland IP68 connector, 5-pin³ CW3	0.5 metres 1 metre 1.5 metres 2 metres
	GentleSpace Gen4 High bay ATEX BY582P				3,000 K (R _a >80) 830 4,000 K (R _a >80) 840 6,500 K (R _a >80) 865 4,000 K (R _a >90) 940	DALI-controllable PSD DALI-controllable + central emergency lighting PSED	None N			Protection class I I		Tempered glass cover GC							
	GentleSpace Gen4 High bay Interact BY580X	Normal temperature NT	Standard (up to 156 lm/W) NE¹,² Highly Efficient (up to 180 lm/W) HE³,⁴	13,000 lm LED130S 17,000 lm LED170S		Interact + Sensor Ready wirelss SIA Interact + Sensor Ready wirelss + central emergency lighting SEIA		None N Yes CLO¹			Narrow beam NB Medium wide beam MB Wide beam WB High-bay warehouse optics HRO Extremely narrow beam XNB Asymmetrical beam ASYM¹	Tempered glass cover GC Clear polycarbonate cover PC¹,²	Standard STD	Silver (RAL-9006) SI Black (RAL-9004) ETO BK¹ White (RAL-9003) ETO WH¹ Dark gray (RAL-7043) ETO DGR¹ Light gray (RAL-7035) ETO LGR¹	Cable suspension, triangle (4m) SMT¹ Reinforced cable suspension, triangle (4m) SMT-HD²	Single battery emergency light module PRO (3h/850 lm) ELP3¹ Single battery emergency light module Wireless (3h/850 lm) ELW3²			
Large size	GentleSpace Gen4 High bay BY581P	Normal temperature NT Extreme temperatures (up to +70°C) XT¹	Ultra Efficient (up to 189 lm/W) UE⁵,⁶,⁷,⁸,⁹,¹⁰,¹¹,¹²	20,000 lm LED200S¹ 25,000 lm LED250S 35,000 lm LED350S²	4,000 K (R _a >80) 840 5,000 K (R _a >80) 850¹ 6,500 K (R _a >80) 865	Switchable PSU¹ DALI + System Ready/Interact Ready DIA DALI + System Ready/Interact Ready + central emergency lighting DEIA DALI-controllable PSD	None N Ball-proof BP		None N	Protection class II II¹,²		Tempered glass cover GC	Standard STD Swimming pool protection SWP¹,²,³ Chemical resistant CHEM¹,²,³ Seawater resistant MSP¹,²,³ High corrosion class IV C4H¹,²,³			Single battery emergency light module PRO (3h/850 lm) ELP3¹ Single battery emergency light module DALI (3h/850 lm) ELD3¹	Wieland IP68 connector, 3-pin² WC3 Wieland IP68 connector, 5-pin³ WC5 Wieland IP68 connector, 7-pin⁴ WC7	No connector (open cable end)¹ Standard Wieland IP68 connector, 3-pin² WC3 Wieland IP68 connector, 5-pin³ CW3 Wieland IP68 connector, 7-pin⁴ CW5	0.5 metres 1 metre 1.5 metres 2 metres
	GentleSpace Gen4 High bay ATEX BY583P				3,000 K (R _a >80) 830 4,000 K (R _a >80) 840	DALI-controllable + central emergency lighting PSED	None N												
	GentleSpace Gen4 High bay Interact BY581X	Normal temperature NT		25,000 lm LED250S 35,000 lm LED350S²	5,000 K (R _a >80) 850¹ 6,500 K (R _a >80) 865 4,000 K (R _a >90) 940	Interact + Sensor Ready wirelss SIA Interact + Sensor Ready wirelss + central emergency lighting SEIA	None N Ball-proof BP			Protection class I I		Tempered glass cover GC Clear polycarbonate cover PC¹,²	Standard STD			Single battery emergency light module PRO (3h/850 lm) ELP3¹ Single battery emergency light module Wireless (3h/850 lm) ELW3²			
			¹ Not for XT ² Not for 100S, 200S and 490S ³ Not for 940 ⁴ Not for 100S and 200S ⁵ Only for 840 ⁶ Only for BY580P and BY581P ⁷ Not for PC ⁸ Only for 100S or 200S ⁹ Not for CI II and XT ¹⁰ Not for ELP3 and ELD3 ¹¹ Only for standard finish ¹² Not for asymmetric optics	¹ Required for UE option ² Not for PSU ³ Not for XT, PSU, and Protection Class II	¹ Upon request	¹ Not for XT		¹ Not for PSU	¹ Not for BP	¹ Not for XT ² Not for BP	¹ Not for LED490S	¹ Not for XT ² Not for BP	¹ Not with XT ² Only with GC ³ Not for BP	¹ Not for SWP or MSP	¹ Only for standard finish Not for XT and BP ² Only for STD or C4H Coating Only for XT and BP ³ Not for XT	¹ Not for XT Not for BP Not for CI II Not for DEIA Not for 490S Not for standard finish Not for 350S ² Only with SIA control unit Not for 490S Only for standard finish Not for 350S	¹ Not for BP and SKII ² Not for PSD, PSED, DIA, DEIA Only for (SEIA) or (SIA with EL=N) or (PSU with EL=N) ³ Only for (PSU with ELP3) or (DIA with EL=N) or (DEIA) or (SIA with (ELP3 or ELW3)) ⁴ Only for DIA with (ELP3 or ELD3)	¹ Not for SK II ² Only for PSU, SIA, SEIA ³ Only for PSD, PSED, DIA, DEIA	¹ Only in combination with cable connection

GentleSpace Gen4



Technical specifications

Product name	Replacement for HID ¹	lm ²	W ³	lm/W ⁴	K ⁶	Dim-mable ⁸	L x W x H (mm)	12NC
Non-dimmable, wide beam, with Cable Suspension, silver housing colour								
BY581P 250S/840 PSU WB GC SI	400 W HPL / 250 W HPI	25,000	144	174	4,000	No	417 x 600 x 125	910505102873
DALI dimmable, wide beam, with Cable Suspension, silver housing colour								
BY580P 100S/840 DIA UE WB GC SI	250 W HPL	10,000	55	182	4,000	DALI	254 x 600 x 117	910505102876
BY580P 130S/840 DIA HE WB GC SI	250 W HPL	13,000	73	178	4,000	DALI	254 x 600 x 117	910505102882
BY580P 170S/830 DIA HE WB GC SI	400 W HPL / 250 W HPI	17,000	104	159	4,000	DALI	254 x 600 x 117	910505102932
BY580P 170S/840 DIA HE WB GC SI MSP BR	400 W HPL / 250 W HPI	17,000	97	175	4,000	DALI	254 x 600 x 117	910505104550
BY580P 170S/840 DIA WB PC SI	400 W HPL / 250 W HPI	17,000	110	155	4,000	DALI	254 x 600 x 117	910505102886
BY581P 200S/840 DIA UE WB GC SI	400 W HPL / 250 W HPI	20,000	106	189	4,000	DALI	417 x 600 x 125	910505102877
BY581P 250S/840 DIA HE WB GC SI MSP BR	400 W HPL / 250 W HPI	25,000	138	181	4,000	DALI	417 x 600 x 125	910505104551
BY581P 250S/865 DIA HE WB GC SI	400 W HPL / 250 W HPI	25,000	140	179	4,000	DALI	417 x 600 x 125	910505102929
BY581P 250S/940 DIA WB GC SI	400 W HPL / 250 W HPI	25,000	152	165	4,000	DALI	417 x 600 x 125	910505102935
BY581P 350S/840 DIA HE WB GC SI XT 1m	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	198	177	4,000	DALI	417 x 600 x 125	910505102937
BY581P 490S/840 DIA HE WB GC SI	400 W HPI on SON-VG / 400 W SON / 700 W HPL	49,000	295	166	4,000	DALI	417 x 600 x 125	910771148584
BY581P 700S/840 DIA WB GC SI BR	400 W HPI on SON-VG / 400 W SON / 700 W HPL	70,000	420	167	4,000	DALI	417 x 654 x 244	910505102955
DALI dimmable, specialised optics, with Cable Suspension, silver housing colour								
BY580P 170S/840 DIA HE XNB GC SI	400 W HPL / 250 W HPI	17,000	98	174	4,000	DALI	254 x 600 x 117	910505102920
BY581P 250S/840 DIA HE HRO GC SI	400 W HPL / 250 W HPI	25,000	138	181	4,000	DALI	417 x 600 x 125	910505102925
BY580P 170S/840 DIA ASYM GC SI MBW	400 W HPL / 250 W HPI	17,000	108	157	4,000	DALI	377 x 656 x 117	910505102910
BY581P 250S/840 DIA ASYM GC SI MBW	400 W HPL / 250 W HPI	25,000	152	165	4,000	DALI	458 x 656 x 124	910505102911
InterAct Pro Ready, with dimmable SensorReady InterAct control gear (SIA) and presence detector (H4), Bluetooth and ZigBee wireless connectivity, with wide beam optics (WB), with Cable Suspension, silver housing colour								
BY580X 170S/840 SIA WB GC SI IA9	400 W HPL / 250 W HPI	17,000	102	167	4,000	Sensor-based dim	254 x 719 x 116	910505104558
BY580X 130S/840 SIA HE WB GC SI H4	400 W HPL / 250 W HPI	13,000	73	178	4,000	Wireless	254 x 719 x 116	910505102860
BY581X 250S/840 SIA WB GC SI H4 BR	400 W HPL / 250 W HPI	25,000	144	174	4,000	Wireless	417 x 720 x 244	910505102865
BY581X 350S/840 SIA HE WB GC SI H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	198	177	4,000	Wireless	417 x 720 x 124	910505102863

Footnote explanations: see page 234



CoreLine High Bay Luminaire Gen5

Application

- + General manufacturing
- + Exhibition halls
- + Warehouses and logistics centres
- + High-ceiling lounges



About the luminaire

CoreLine Highbay Gen5 delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires.

A reliable, highly-efficient luminaire with a very longlifetime, it delivers great energy savings and requires less maintenance.

At the same time, CoreLine Highbay is very easy to handle. The luminaire can be installed on your existing grid and the electrical connection is a straightforward task, with no need to open the luminaire and an external IP65 connector.

With a choice of two beam angles: narrow and wide beam, you can adjust your lighting plan to suit your exact needs.

This range also includes Interact Ready luminaires with integrated wireless communications and integrated movement and daylight sensors. So CoreLine Highbay Gen5 is ready to be used with any Interact connected lighting system.



Integrated cooling ribs (optimum thermal management): Long life time. Simple electrical connection, IP65: PSU/SIA H4: 1 cable; PSD: 2 cables



PSU/PSD: With mounting hook



Optional equipment: Mounting bracket



The CoreLine High Bay Luminaire Gen5 can also be delivered in the Interact Pro Ready version

BEG

IP65

IK08

-30° to +50° C



50,000 h
Average lifetime (L85)

Warranty
in years 5

up to 170 lm/W

BETTER

At a glance

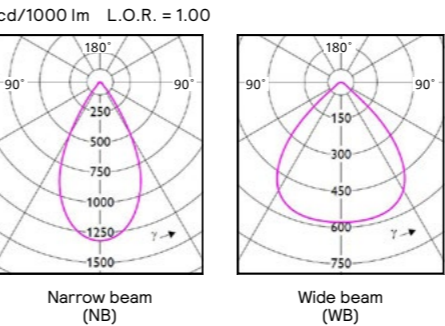
Advantages

- + Saves on energy and maintenance costs
- + Easy installation – single suspension hook and external connector, additional mounting bracket for more flexibility
- + Ideal for general application projects, with robust design and a high water and dust-proof rating (IP65)
- + Three sizes available with four luminous flux packages – up to 30,000 lm

Features

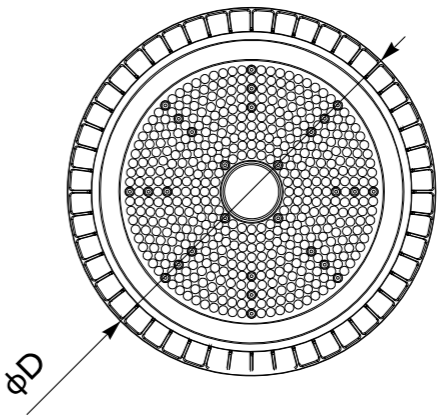
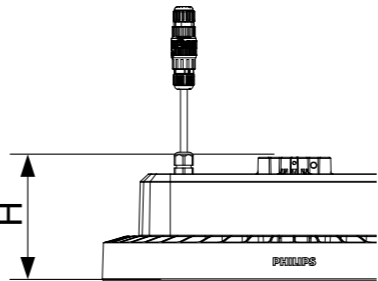
- + Long lifetime and high efficiency: 50,000 hours with flux at 85% min. compared to initial level; up to 160lm/W
- + Choice of beam options: narrow and wide beam, for low glare without additional accessories
- + Modern, high-quality die-cast aluminum housing
- + Single point mounting and IP65 external, pre-mounted electrical connector
- + Optional versions: DALI dimming, integrated wireless connectivity (Interact Ready)

Light distribution curves



Dimensions and weight

Dimensions in mm



	H (mm)	D (mm)	Weight (kg)
BY120P G5	90	290	1,9
BY121P G5	99	330	3,2
BY122P G5	99	393	5,5

CoreLine High Bay Luminaire Gen6

Application

- + General manufacturing
- + Exhibition halls
- + Warehouses and logistics centres
- + High-ceiling lounges



About the luminaire

Philips CoreLine Highbay Gen6 delivers on the CoreLine promise of innovative, easy-to-use, and high-quality lighting.

With a redefined and appealing elegance, CoreLine Highbay Gen6 is a reliable, highly efficient luminaire with a very long lifetime. It delivers flicker-free lighting and great energy savings, and requires less maintenance than comparable luminaires.

CoreLine Highbay Gen6 is also very easy to handle. The luminaire can be installed on your

existing grid. Electrical connections are straightforward, with an external IP65 connector that does not require you to open the luminaire.

With a choice of narrow and wide beam angles, you can adjust your lighting plan to suit your exact needs.

The CoreLine Highbay Gen6 range includes Interact Ready luminaires. With integrated wireless communications and integrated movement and daylight sensors, CoreLine Highbay Gen6 is ready for use with any Interact connected lighting system.



Mounting hook



Optional equipment: Mounting bracket



The CoreLine High Bay Luminaire Gen5 can also be delivered in the Interact Pro Ready version

BEG

IP65

IK08

-30° to +50° C



50,000 h
Average lifetime (L85)

Warranty
in years
5

up to 196 lm/W

BETTER

At a glance

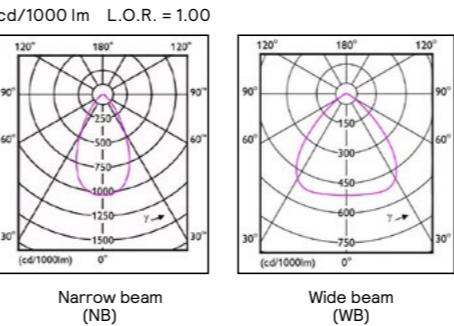
Advantages

- + Saves energy with UltraEfficient options
- + Easy installation in extensive applications – single suspension hook and external connector, additional mounting bracket for more flexibility
- + Ideal for general application projects, with robust design and a high water and dust protection ratings (IP66 and IP65)

Features

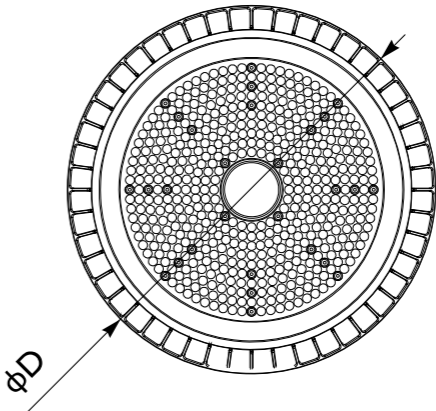
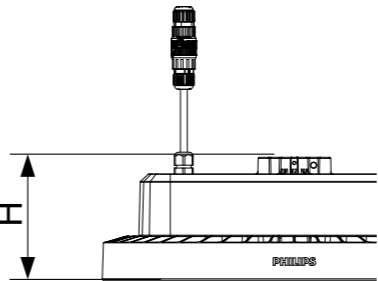
- + Long lifetime of 100,000 hours at L70
- + High efficiency: Standard versions to 180 lm/W, UltraEfficient versions up to 196 lm/W
- + Choice of narrow and wide beam options
- + Low glare without the need for additional accessories
- + Appealing and sustainable design with high-quality, high-durability die-cast aluminum housing
- + Single-point mounting and pre-mounted external IP65-rated electrical connector
- + Optional versions: DALI dimming, integrated wireless connectivity (Interact Ready)

Light distribution curves



Dimensions and weight

Dimensions in mm



	H (mm)	D (mm)	Weight (kg)
BY120P G6	95	350	3,4
BY120X G6	138	350	3,4
BY121P G6	95	430	4,4
BY121X G6	138	430	4,4
BY122P G6	109	480	6,4
BY122X G6	151	480	6,4

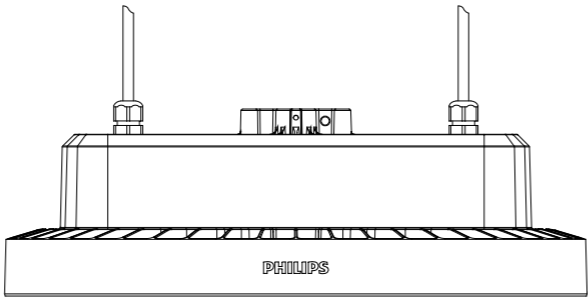
CoreLine High Bay Luminaire Gen5



Further product information



Mounting instructions



Technical specifications

Product name	Replacement for HID ¹	lm ²	W ³	lm/W ⁴	K ⁶	Dim-mable ⁸	Ø x H (mm)	12NC
LED High Bay Luminaire, switchable (PSU), narrow beam (NB) or wide beam (WB), neutral white 4,000 K (/840) or daylight white 6,500 K (/865)								
BY120P G5 LED105S/840 PSU NB	250 W HPL	10,500	67	157	4,000	–	290 x 90	911401629208
BY120P G5 LED105S/840 PSU WB	250 W HPL	10,500	67	157	4,000	–	290 x 90	911401629308
BY120P G5 LED150S/840 PSU NB	400 W HPL / 250 W HPI	15,000	88	170	4,000	–	290 x 90	911401632208
BY120P G5 LED150S/840 PSU WB	400 W HPL / 250 W HPI	15,000	88	170	4,000	–	290 x 90	911401632308
BY121P G5 LED200S/840 PSU NB	400 W HPL / 250 W HPI	20,000	126	159	4,000	–	330 x 99	911401629408
BY121P G5 LED200S/840 PSU WB	400 W HPL / 250 W HPI	20,000	126	159	4,000	–	330 x 99	911401629508
BY122P G5 LED250S/840 PSU NB	400 W HPI / 250 W SON	25,000	157	159	4,000	–	393 x 99	911401630808
BY122P G5 LED250S/840 PSU WB	400 W HPI / 250 W SON	25,000	157	159	4,000	–	393 x 99	911401630908
BY122P G5 LED300S/840 PSU NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	192	156	4,000	–	393 x 99	911401632608
BY122P G5 LED300S/840 PSU WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	192	156	4,000	–	393 x 99	911401632708
BY120P G5 LED105S/865 PSU NB	250 W HPL	10,500	67	157	6,500	–	290 x 90	911401630008
BY120P G5 LED105S/865 PSU WB	250 W HPL	10,500	67	157	6,500	–	290 x 90	911401630108
BY121P G5 LED200S/865 PSU NB	400 W HPL / 250 W HPI	20,000	126	159	6,500	–	330 x 99	911401630208
BY121P G5 LED200S/865 PSU WB	400 W HPL / 250 W HPI	20,000	126	159	6,500	–	330 x 99	911401630308
BY122P G5 LED250S/865 PSU NB	400 W HPI / 250 W SON	25,000	157	159	6,500	–	393 x 99	911401631008
BY122P G5 LED250S/865 PSU WB	400 W HPI / 250 W SON	25,000	157	159	6,500	–	393 x 99	911401631108
LED High Bay Luminaire, DALI-Controlled (PSD), narrow beam (NB) or wide beam (WB), neutral white 4,000 K (/840) or daylight white 6,500 K (/865)								
BY121P G5 LED105S/840 PSD NB	250 W HPL	10,500	72	146	4,000	DALI	330 x 99	911401629608
BY121P G5 LED105S/840 PSD WB	250 W HPL	10,500	72	146	4,000	DALI	330 x 99	911401629708
BY121P G5 LED150S/840 PSD NB	400 W HPL / 250 W HPI	15,000	93	161	4,000	DALI	330 x 99	911401632408
BY121P G5 LED150S/840 PSD WB	400 W HPL / 250 W HPI	15,000	93	161	4,000	DALI	330 x 99	911401632508
BY121P G5 LED200S/840 PSD NB	400 W HPL / 250 W HPI	20,000	134	149	4,000	DALI	330 x 99	911401629808
BY121P G5 LED200S/840 PSD WB	400 W HPL / 250 W HPI	20,000	134	149	4,000	DALI	330 x 99	911401629908
BY122P G5 LED250S/840 PSD NB	400 W HPI / 250 W SON	25,000	168	149	4,000	DALI	393 x 126	911401631208
BY122P G5 LED250S/840 PSD WB	400 W HPI / 250 W SON	25,000	168	149	4,000	DALI	393 x 126	911401631308
BY122P G5 LED300S/840 PSD NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	205	146	4,000	DALI	393 x 126	911401632808
BY122P G5 LED300S/840 PSD WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	205	146	4,000	DALI	393 x 126	911401632908
BY121P G5 LED105S/865 PSD NB	250 W HPL	10,500	72	146	6,500	DALI	330 x 99	911401630408
BY121P G5 LED105S/865 PSD WB	250 W HPL	10,500	72	146	6,500	DALI	330 x 99	911401630508
BY121P G5 LED200S/865 PSD NB	400 W HPL / 250 W HPI	20,000	134	149	6,500	DALI	330 x 99	911401630608
BY121P G5 LED200S/865 PSD WB	400 W HPL / 250 W HPI	20,000	134	149	6,500	DALI	330 x 99	911401630708
BY122P G5 LED250S/865 PSD NB	400 W HPI / 250 W SON	25,000	168	149	6,500	DALI	393 x 126	911401631408
BY122P G5 LED250S/865 PSD WB	400 W HPI / 250 W SON	25,000	168	149	6,500	DALI	393 x 126	911401631508
Equipment								
BY121Z G5 BR L200	Mounting bracket for all CoreLine High Bay Luminaires Gen5							911401633208
High Bay Luminaire, Interact Pro Ready, with dimmable SensorReady InterAct control gear (SIA) and presence detector (H4), Bluetooth and ZigBee wireless connectivity, with narrow beam (NB) or wide beam optics (WB)								
BY122X G5 LED105S/840 SIA NB H4	250 W HPL	10,500	72	146	4,000	Wireless	530 x 393 x 99	911401631608
BY122X G5 LED200S/840 SIA NB H4	400 W HPL / 250 W HPI	20,000	133	150	4,000	Wireless	530 x 393 x 99	911401631808
BY122X G5 LED250S/840 SIA NB H4	400 W HPI / 250 W SON	25,000	166	151	4,000	Wireless	530 x 393 x 126	911401632008
BY122X G5 LED300S/840 SIA NB H4	400 W HPI am SON-VG / 400 W SON / 700 W HPL	30,000	203	148	4,000	Wireless	530 x 393 x 126	911401633008
BY122X G5 LED105S/840 SIA WB H4	250 W HPL	10,500	72	146	4,000	Wireless	530 x 393 x 99	911401631708
BY122X G5 LED200S/840 SIA WB H4	400 W HPL / 250 W HPI	20,000	133	150	4,000	Wireless	530 x 393 x 99	911401631908
BY122X G5 LED250S/840 SIA WB H4	400 W HPI / 250 W SON	25,000	166	151	4,000	Wireless	530 x 393 x 126	911401632108
BY122X G5 LED300S/840 SIA WB H4	400 W HPI am SON-VG / 400 W SON / 700 W HPL	30,000	203	148	4,000	Wireless	530 x 393 x 126	911401633108

Footnote explanations: see page 234

CoreLine High Bay Luminaire Gen6



Further product information



Mounting instructions

Technical specifications

Product name	Replacement for HID ¹	lm ²	W ³	lm/W ⁴	K ⁶	Dim- mable ⁸	Ø x H (mm)	12NC
LED High Bay Luminaire, switchable (PSU), narrow beam (NB) or wide beam (WB), neutral white 4,000 K								
BY120P G6 LED100/UE840 PSU NB	250 W HPL	10,000	51	196	4,000	–	350 x 95	911401553345
BY120P G6 LED100/UE840 PSU WB	250 W HPL	10,000	51	196	4,000	–	350 x 95	911401553645
BY120P G6 LED150/UE840 PSU NB	400 W HPL / 250 W HPI	15,000	78	192	4,000	–	350 x 95	911401553945
BY120P G6 LED150/UE840 PSU WB	400 W HPL / 250 W HPI	15,000	78	192	4,000	–	350 x 95	911401554245
BY120P G6 LED200/UE840 PSU NB	400 W HPL / 250 W HPI	20,000	105	190	4,000	–	350 x 95	911401554545
BY120P G6 LED200/UE840 PSU WB	400 W HPL / 250 W HPI	20,000	105	190	4,000	–	350 x 95	911401554845
BY121P G6 LED250/UE840 PSU NB	400 W HPI / 250 W SON	25,000	130	192	4,000	–	430 x 95	911401555145
BY121P G6 LED250/UE840 PSU WB	400 W HPI / 250 W SON	25,000	130	192	4,000	–	430 x 95	911401555445
BY121P G6 LED300/UE840 PSU NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	155	194	4,000	–	430 x 95	911401556145
BY121P G6 LED300/UE840 PSU WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	30,000	155	194	4,000	–	430 x 95	911401556245
BY122P G6 LED350/UE840 PSU NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	184	190	4,000	–	480 x 109	911401556345
BY122P G6 LED350/UE840 PSU WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	184	190	4,000	–	480 x 109	911401556645
BY122P G6 LED400/UE840 PSU NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	210	190	4,000	–	480 x 109	911401556945
BY122P G6 LED400/UE840 PSU WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	210	190	4,000	–	480 x 109	911401557245
LED High Bay Luminaire, DALI-Controlled (PSD), narrow beam (NB) or wide beam (WB), neutral white 4,000 K								
BY120P G6 LED100/840 PSD NB	250 W HPL	10,000	55	182	4,000	DALI	350 x 95	911401553445
BY120P G6 LED100/840 PSD WB	250 W HPL	10,000	55	182	4,000	DALI	350 x 95	911401553745
BY120P G6 LED150/840 PSD NB	400 W HPL / 250 W HPI	15,000	82	183	4,000	DALI	350 x 95	911401554045
BY120P G6 LED150/840 PSD WB	400 W HPL / 250 W HPI	15,000	82	183	4,000	DALI	350 x 95	911401554345
BY120P G6 LED200/840 PSD NB	400 W HPL / 250 W HPI	20,000	110	182	4,000	DALI	350 x 95	911401554645
BY120P G6 LED200/840 PSD WB	400 W HPL / 250 W HPI	20,000	110	182	4,000	DALI	350 x 95	911401554945
BY121P G6 LED250/840 PSD NB	400 W HPI / 250 W SON	25,000	137	182	4,000	DALI	430 x 95	911401555245
BY121P G6 LED250/840 PSD WB	400 W HPI / 250 W SON	25,000	137	182	4,000	DALI	430 x 95	911401555545
BY121P G6 LED280/840 PSD NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	28,000	153	183	4,000	DALI	430 x 95	911401555745
BY121P G6 LED280/840 PSD WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	28,000	153	183	4,000	DALI	430 x 95	911401555945
BY122P G6 LED350/840 PSD NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	196	179	4,000	DALI	480 x 109	911401556445
BY122P G6 LED350/840 PSD WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	196	179	4,000	DALI	480 x 109	911401556745
BY122P G6 LED400/840 PSD NB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	222	180	4,000	DALI	480 x 109	911401557045
BY122P G6 LED400/840 PSD WB	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	222	180	4,000	DALI	480 x 109	911401557345
Equipment								
BY121Z G6 BR L300	Mounting bracket for all CoreLine High Bay Luminaires Gen6							911401558745
High Bay Luminaire, Interact Pro Ready, with dimmable SensorReady InterAct control gear (SIA) and presence detector (H4), Bluetooth and ZigBee wireless connectivity, with narrow beam (NB) or wide beam optics (WB)								
BY120X G6 LED100/840 SIA NB H4	250 W HPL	10,000	55	182	4,000	Wireless	350 x 138	911401553545
BY120X G6 LED100/840 SIA WB H4	250 W HPL	10,000	55	182	4,000	Wireless	350 x 138	911401553845
BY120X G6 LED150/840 SIA NB H4	400 W HPL / 250 W HPI	15,000	82	183	4,000	Wireless	350 x 138	911401554145
BY120X G6 LED150/840 SIA WB H4	400 W HPL / 250 W HPI	15,000	82	183	4,000	Wireless	350 x 138	911401554445
BY120X G6 LED200/840 SIA NB H4	400 W HPL / 250 W HPI	20,000	110	182	4,000	Wireless	350 x 138	911401554745
BY120X G6 LED200/840 SIA WB H4	400 W HPL / 250 W HPI	20,000	110	182	4,000	Wireless	350 x 138	911401555045
BY121X G6 LED250/840 SIA NB H4	400 W HPI / 250 W SON	25,000	137	182	4,000	Wireless	430 x 138	911401555345
BY121X G6 LED250/840 SIA WB H4	400 W HPI / 250 W SON	25,000	137	182	4,000	Wireless	430 x 138	911401555645
BY121X G6 LED280/840 SIA NB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	28,000	153	183	4,000	Wireless	430 x 138	911401555845
BY121X G6 LED280/840 SIA WB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	28,000	153	183	4,000	Wireless	430 x 138	911401556045
BY122X G6 LED350/840 SIA NB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	196	179	4,000	Wireless	480 x 151	911401556545
BY122X G6 LED350/840 SIA WB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	35,000	196	179	4,000	Wireless	480 x 151	911401556845
BY122X G6 LED400/840 SIA NB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	222	180	4,000	Wireless	480 x 151	911401557145
BY122X G6 LED400/840 SIA WB H4	400 W HPI on SON-VG / 400 W SON / 700 W HPL	40,000	222	180	4,000	Wireless	480 x 151	911401557445

Footnote explanations: see page 234

Waterproof luminaires



Pacific LED

New design, even more versatile, even more efficient, even more durable, top light quality

- + Robust, compact and highly efficient polycarbonate waterproof luminaire
- + Top efficiency: up to 165 lm/W
- + Average lifetime (L80 and L90; depending on luminaire luminous flux): 100,000 hours
- + 4 lengths and a total of 7 luminous flux packages up to 15,000 lm
- + Optimised optics for various applications, partly also suitable for industrial workstations
- + Switchable and DALI-Controlled, also Interact Pro Ready – for wirelessly connected, adjustable light (SIA SNH210)
- + Simple and flexible installation and quick electrical connection, also with Through-Wiring
- + 5-year warranty
- + Application: Workshops, industrial halls and storage areas, food industry, car parks, covered canopy lighting



CoreLine waterproof luminaire

The all-rounder – simple installation with optimum performance in terms of efficiency and lighting quality

- + Up to 185 lumens per watt
- + Average lifetime (L80): 100,000 hours
- + Switchable (PSU), DALI-Controlled (PSD), switchable with motion sensor (PSU MDU), also Interact Pro Ready – for wirelessly connected, adjustable light (WIA MDU DIM)
- + 5-year warranty
- + All-in version: MultiLumen 2-in-1 for more flexibility for universal use
- + Applications: Workshops, industrial halls and storage areas, car parks, canopy lighting



CoreLine Tubular Waterproof

Slim, robust, tubular LED waterproof luminaire for versatile and flexible use

- + Luminaire body made of ammonia-resistant PMMA & Polycarbonate Cover (PC): also suitable for animal housing
- + Highly efficient: Up to 160 lm/W
- + Average lifetime (L80): 100,000 hours
- + Switchable (PSU, PSD, WIA)
- + Flexible mounting – mounting clamps can be flexibly positioned horizontally and light emission direction can be steplessly rotatable
- + 5-year warranty
- + Applications: Animal husbandry and agriculture, industrial halls and warehouses in the food and (chemical) industry, canopy lighting

BEST

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



Pacific LED Gen5

Application

- + One luminaire for a wide range of industrial applications
- + Workshops, industrial halls and storage areas, food industry, car parks, covered canopy lighting
- + Additional light version for extended ambient temperature range: -35° C to 60° C (WT495C)



Circular ready = particularly sustainable (see page 13)

About the luminaire

The Pacific LED Gen5 is an innovative, top-of-the-range waterproof LED light that is renowned for its optimum performance. It fulfils the demanding requirements of modern and harsh industrial environments. This very robust, compact and reliable luminaire has excellent light quality.

With a high mechanical protection class (IK08) and a high water and dust protection rating (IP66), combined with proven chemical resistance, the Pacific LED Gen5 can withstand the harsh conditions in the automotive, food and heavy industries. But it also performs well in car parks and warehouses. Pacific LED Gen5 luminaires offer outstanding, artefact-free light quality and homogeneous light.

They are available in various optics and a wide luminous flux spectrum (up to 15,000 lm). This provides more flexibility when planning optimised lighting systems. This development follows the

strategy of the circular economy. This means that these fully serviceable luminaires can be upgraded to extend their overall service life.

A special feature of these lights is their quick and easy installation with simplified wiring and various connection and mounting options.

Other special features are their attractive total cost of ownership, energy efficiency and ease of maintenance, with minimal downtime in demanding applications.

To make the Pacific LED Gen5 even more complete, integration into the Interact Pro system opens up additional possibilities for optimised efficiency, energy savings, improved lighting management, productivity and safety. This makes them future-proof in every respect. Discover the Pacific LED Gen5: Optimum performance for demanding environments.



Robust, compact waterproof luminaire with IP66 and IK08 for many applications



Simple and flexible installation: Ceiling bracket horizontally adaptable to many mounting distances



Quick and easy electrical connection (WEC5)



Accessories: Set with special screws and nuts for vertical/horizontal wall mounting or as anti-theft protection for luminaires (for 10 luminaires)



up to 165 lm/W

BEST

At a glance

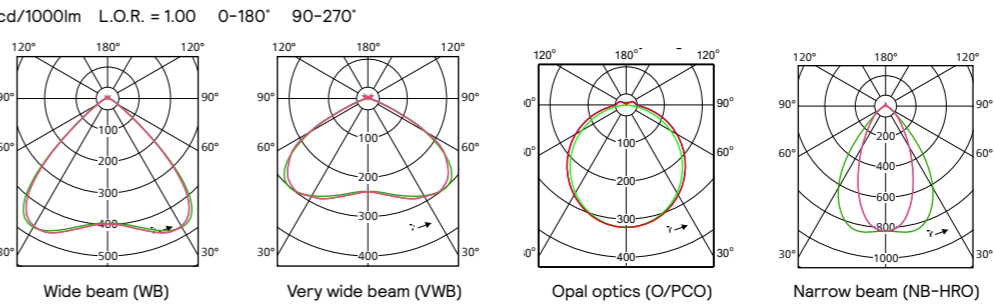
Advantages

- + One luminaire for a wide range of industrial applications
- + Highest luminous efficacy for maximum energy savings
- + Long lifetime: low maintenance
- + Flexible mounting – ceiling and wall mounting with horizontally flexible mounting distances
- + Quick and easy electrical connection
- + Meets IFS/HACCP requirements for the food industry
- + IK10 with dedicated anti-vandal kit

Features

- + Robust, compact polycarbonate waterproof luminaire
- + Only one (also chemically resistant) luminaire type for many applications: simpler selection and planning for projects
- + Top efficiency: up to 165 lm/W
- + 4 luminaire lengths (700; 1,200; 1,600 mm, optional: 1,800 mm)
- + 7 luminous flux packages up to 15,000 lm
- + 5 optimised optics for different applications
- + WB optics partly also suitable for computer workstations
- + With switchable or DALI-Controlled control gear, both suitable for DC voltage and flicker-free, also Interact Pro Ready versions
- + With quick connector, also with Through-Wiring

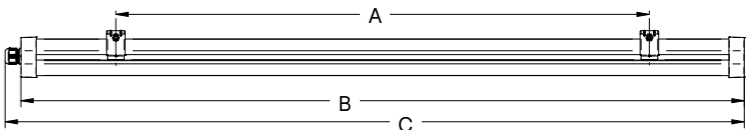
Light distribution curves



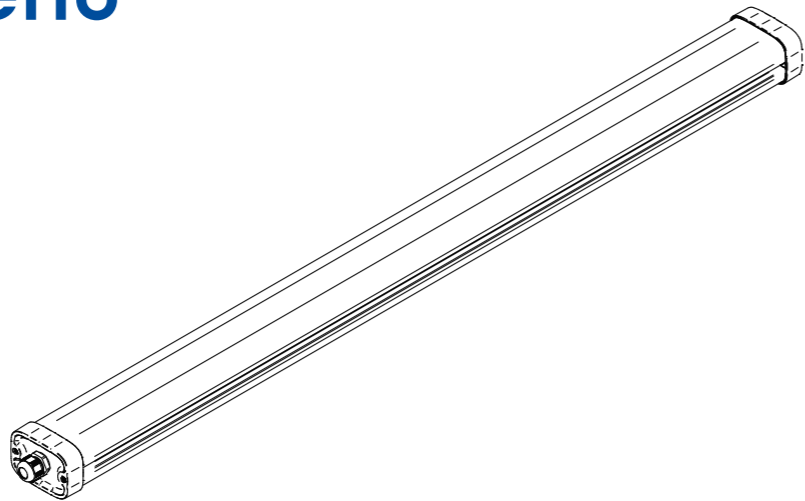
Dimensions and weight

Dimensions in mm

	A (mm)	B (mm)	C (mm)	Weight (kg)
L700	360-260	660	686	1.6
L1200	920-720	1,221	1,248	up to 2.8
L1600	1,300-1,100	1,601	1,628	up to 3.4
L1800	1,480-1,080	1,783	1,810	up to 3.6



Pacific LED Gen5



Further product information




Mounting instructions



You can configure this product directly online in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Length	LED module	Colour temperature	Optics	Control gear	Integrated lighting control	Protection class	Feed-through wiring	Connection	Emergency lighting ¹		
Pacific Gen5 WT490C	700 mm L700	2,300 lm LED23S	3,000 K (R _a >80) 830	Narrow beam (High Bay Optics) NB-HRO	Switchable PSU	No lighting control	Class I I	without Loop Through-Wiring	7-pole quick connector WA7	PRO emergency lighting module (3h/360lm) ELP3		
	1,200 mm L1200	3,500 lm LED35S	4,000 K (R _a >80) 840	Wide beam WB	DALI-Controlled PSD	Bluetooth- and ZigBee radio dimming actuator (for Interact Ready control gear) IA9	Class II II	1-phase 1.5 mm ² Loop Through-Wiring TW1	3-pole plug-in connection terminal PI3	DALI emergency lighting module (3h/360lm) ELD3		
4,300 lm LED42S		5-pole plug-in connection terminal PI5										
6,400 lm LED64S								7-pole plug-in connection terminal PI7				
8,000 lm LED80S												
10,000 lm LED100S												
Pacific Gen5 ATEX¹  WT492C	1,800 mm L1800	8,000 lm LED80S		Very wide beam VWB	Interact Pro Ready for wirelessly connected, automated lighting SIA	End-mounted motion and daylight sensor including Interact interface H4	Side-mounted motion and daylight sensor including Interact interface H4S	3-phase 1.5 mm ² Loop Through-Wiring TW3	Feed-through connector 5 poles TC5	Wireless emergency lighting module (3h/360lm) ELW3		
		10,000 lm LED100S										
		12,000 lm LED120S										
		15,000 lm LED150S										
	Pacific Gen5 XT Luminaires for an extended ambient temperature range (~-35°C to 60°C) WT495C	1,600 mm L1600 Refurbishment light									3,500 lm LED35S	
4,300 lm LED42S			Wago push-in connector with 7 poles WA7									
6,400 lm LED64S				3-pole, external quick connector WEC3								
8,000 lm LED80S					5-pole, external quick connector WEC5							

Pacific LED Gen5

Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim- mable ⁸	L x W x H (mm)	12NC
Waterproof luminaire, switchable (PSU), with or without 3-phase Loop Through-Wiring (TW3), length: 700 mm (L700), 1,200 mm (L1200) or 1,800 mm (L1800)								
WT475C 42S/840 PSU WB L1200	4,200	29.8	141	4,000	–	–	1,248 x 96 x 68	910925868248
WT475C 62S/840 PSU O L1800	6,000	44	136	4,000	–	–	1,810 x 96 x 68	910925868711
WT490C 23S/840 PSU WB PI5 L700	2,300	15.2	151	4,000	5-pole	–	686 x 96 x 68	910925868287
WT490C 35S/840 PSU WB PI5 L1200	3,500	22	159	4,000	5-pole	–	1,248 x 96 x 68	910925868691
WT490C 42S/830 PSU WB PI5 L1200	4,200	25.5	157	3,000	5-pole	–	1,248 x 96 x 68	910770229590
WT490C 42S/840 PSU WB TW3x2.5 PI5 L1200	4,200	25.5	165	4,000	5-pole	–	1,278 x 96 x 68	910925869410
WT490C 64S/840 PSU O PI5 L1200	6,200	40	155	4,000	5-pole	–	1,248 x 96 x 68	910925868695
WT490C 64S/840 PSU PCO PI5 L1200	5,300	40	133	4,000	5-pole	–	1,248 x 96 x 68	910925868696
WT490C 64S/840 PSU WB ELP3 TW1 PI5 L1200	6,400	44	146	4,000	5-pole	–	1,278 x 96 x 68	910925867711
WT490C 64S/840 PSU WB TCW5 L1200	6,400	40	160	4,000	–	–	1,248 x 96 x 68	910925868250
WT490C 64S/840 PSU WB TW3x2.5 PI5 L1200	6,400	40	160	4,000	5-pole	–	1,278 x 96 x 68	910925869401
WT490C 80S/840 PSU WB ELP3 PI5 L1200	8,000	55	146	4,000	5-pole	–	1,248 x 96 x 68	910925867723
WT490C 80S/840 PSU WB ELP3 PI5 L1800	8,000	52	154	4,000	5-pole	–	1,810 x 96 x 68	910925867734
WT490C 80S/840 PSU WB TW1 PI5 L1200	8,000	51	157	4,000	5-pole	–	1,278 x 96 x 68	910925867721
WT490C 80S/840 PSU WB TW3x2.5 PI5 L1800	8,000	48.5	165	4,000	5-pole	–	1,838 x 96 x 68	910925869405
WT490C 100S/840 PSU WB PI5 L1200	10,000	65	154	4,000	5-pole	–	1,248 x 96 x 68	910925869610
WT490C 100S/840 PSU WB PI5 L1800	10,000	62	161	4,000	5-pole	–	1,810 x 96 x 68	910925868293
WT490C 120S/840 PSU WB PI5 L1800	12,000	76	158	4,000	5-pole	–	1,810 x 96 x 68	910925868294
WT490C 150S/840 PSU WB PI5 L1800	15,000	97	155	4,000	5-pole	–	1,810 x 96 x 68	910925869611
WT492C 64S/840 PSU WB W5 L1200	6,400	40	160	4,000	–	–	1,248 x 96 x 68	910925868704
WT492C 80S/840 PSU WB W5 L1800	8,000	49	165	4,000	–	–	1,810 x 96 x 68	910925868705
WT495C 64S/840 PSU WB PI5 L1200	6,400	40.5	158	4,000	5-pole	–	1,248 x 96 x 68	910925868699
WT495C 80S/840 PSU WB PI5 L1800	8,000	49	157	4,000	5-pole	–	1,810 x 96 x 68	910925868701
Waterproof luminaire, DALI-Controlled (PSD), with quick connector (WA7), with or without 3-phase Loop Through-Wiring (TW3), length: 700 mm (L700), 1,200 mm (L1200) or 1,800 mm (L1800)								
WT475C 72S/840 PSD VWB TW1 L1200	7,200	55	131	4,000	–	DALI	1,278 x 96 x 68	910925868280
WT490C 23S/840 PSD WB PI5 L700	2,300	14.4	160	4,000	5-pole	DALI	686 x 96 x 68	910925867703
WT490C 42S/840 PSD WB PI5 L1200	4,200	26	162	4,000	5-pole	DALI	1,248 x 96 x 68	910925867704
WT490C 64S/840 PSD NB-HRO PI5 L1200	6,400	39.5	162	4,000	5-pole	DALI	1,248 x 96 x 68	910925867706
WT490C 64S/840 PSD VWB PI5 L1200	6,400	39.5	162	4,000	5-pole	DALI	1,248 x 96 x 68	910925867718
WT490C 64S/840 PSD WB ELD3 PI7 L1200	6,400	43.5	147	4,000	7-pole	DALI	1,248 x 96 x 68	910925867715
WT490C 80S/840 PSD WB ELD3 PI7 L1200	8,000	55	146	4,000	7-pole	DALI	1,248 x 96 x 68	910925867727
WT490C 80S/840 PSD WB ELD3 PI7 L1800	8,000	52	154	4,000	7-pole	DALI	1,810 x 96 x 68	910925867737
WT490C 80S/840 PSD WB TW3x2.5 PI7 L1800	8,000	48.5	165	4,000	7-pole	DALI	1,838 x 96 x 68	910925869406
WT492C 64S/840 PSD WB W5 L1200	6,400	39.5	162	4,000	5-pole	DALI	1,248 x 96 x 68	910925868706
WT492C 80S/840 PSD WB W5 L1800	8,000	48.5	165	4,000	5-pole	DALI	1,810 x 96 x 68	910925868707
WT495C 64S/840 PSD WB PI5 L1200	6,400	40.5	158	4,000	5-pole	DALI	1,248 x 96 x 68	910925868702
WT495C 80S/840 PSD WB PI5 L1800	8,000	48.5	157	4,000	5-pole	DALI	1,810 x 96 x 68	910925868703
WT490C 100S/840 PSD WB PI5 L1200	10,000	66	152	4,000	5-pole	DALI	1,248 x 96 x 68	910925869606
WT490C 100S/840 PSD WB PI5 L1800	10,000	62	161	4,000	5-pole	DALI	1,810 x 96 x 68	910925867740
WT490C 120S/840 PSD WB PI5 L1800	12,000	76	158	4,000	5-pole	DALI	1,810 x 96 x 68	910925867741
WT490C 150S/840 PSD WB PI5 L1800	15,000	97	155	4,000	5-pole	DALI	1,810 x 96 x 68	910925869607
Waterproof luminaire, Interact Pro Ready, with dimmable SensorReady Interact control gear (SIA), with Bluetooth and ZigBee wireless sensor (IA9), with wide beam optics (WB) and plug-in connection terminal (PI5)								
WT475C 107S/840 SIA WB IA9 L1800	8,000	51	157	4,000	–	Yes	1,248 x 96 x 80	910925868716
WT490C LED80S/840 SIA WB IA9 PI5 L1800	8,000	48.5	165	4,000	5-pole	Yes	1,810 x 96 x 80	910925868516
Accessories								
WT470Z SCREW-VP SET (10PCS)	Set of special screws and nuts for 10 luminaires; required for vertical or horizontal wall mounting or as anti-theft protection for luminaires.							910925864392
WT470Z CH (10PCS)	Mounting eye with mounting hook – 10 pieces; for 5 lights. The mounting eyelet is screwed to the mounting bracket.							910925238912

Footnote explanations: see page 234



CoreLine waterproof luminaire

Application

- + Workshops, industrial halls and storage areas, car parks, canopy lighting



About the luminaire

Fulfils the CoreLine promise – innovative, easy to install and high quality. The luminaires can replace conventional luminaires with fluorescent lamps from 18 W to 58 W.

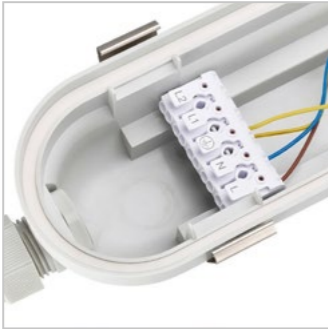
With the All-in version, it is possible to set 3 different luminous fluxes on site, which is why this luminaire can be customised even better to individual requirements.

With its sleek and more modern design, it still retains its well-known and appreciated architecture. Installation is quick and easy thanks to the sophisticated design.

The CoreLine waterproof luminaire offers excellent light distribution for simple and effective lighting. Interact Ready luminaires with integrated radio-based lighting control are also available in this product range and can be used with Interact gateways, sensors and software.



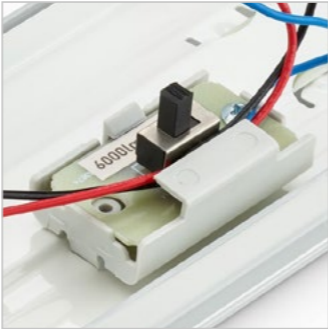
Easy to close/open stainless steel clips, frosted cover, smooth exterior for easy cleaning.



Plug-in connection terminal – suitable for feed-through wiring.



External connector for easy and fast installation (WEC-optional).



All-in The integrated lumen switch enables simple selection of three luminaire luminous flux levels.

BEG ✓

IP66

IK08

–20° to +40° C

CE



50,000 h
Average lifetime (L80)

Warranty
in years
5

up to 185 lm/W

BETTER

At a glance

Advantages

- + With removable satinated, prismatic cover made of polycarbonate, with integrated LEDs and stainless steel catches
- + Meets IFS/HACCP requirements for the food industry
- + All models are suitable for DC voltage
- + Optional: switchable version with integrated HF motion sensor (PSU MDU DIM)

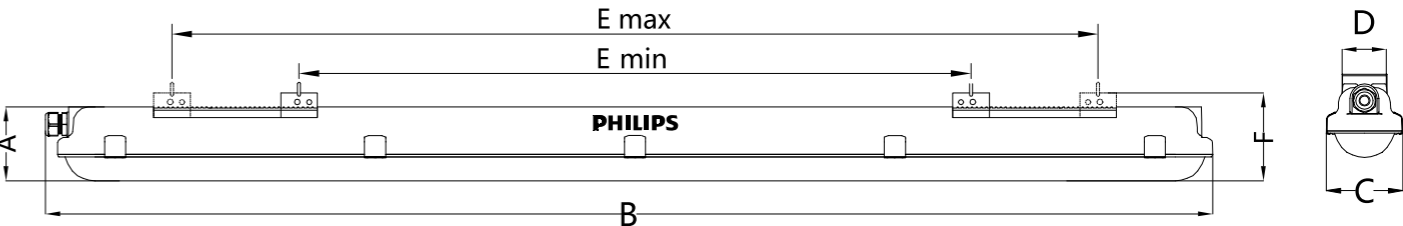
Features

- + Robust and industrial-grade waterproof luminaire with integrated LED technology
- + Up to 185 lumens per watt
- + All-in MultiLumen 3-in-1 enables luminous flux selection on site

Dimensions and weight

Dimensions in mm

Length	A (mm)	B (mm)	C (mm)	D (mm)	E min (mm)	E max (mm)	F (mm)
L600	76	665	80	38	308	512	85
L1200		1,215			538	1,062	
L1500		1,515			838	1,362	



CoreLine waterproof luminaire



Further product information



Mounting instructions

Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim-mable ⁸	UGR	L x W x H (mm)	12NC
Waterproof luminaire, with opal prismatic cover (PCO), switchable (PSU)									
WT120C G3 20S/840 PSU L600	2,000	13	154	4,000	No	–	25	665 x 80 x 76	911401835488
WT120C G3 27S/840 PSU L1200	2,700	17	159	4,000	No	–	25	1,215 x 80 x 76	911401835588
WT120C G3 34S/840 PSU L1500	3,400	21.5	158	4,000	No	–	25	1,515 x 80 x 76	911401835688
WT120C G3 34S/840 PSU TW3 L1500	3,400	21.5	158	4,000	Yes	–	25	1,535 x 80 x 76	910505106533
WT120C G3 40S/840 PSU L1200	4,000	25	160	4,000	No	–	25	1,215 x 80 x 76	911401835788
WT120C G3 40S/840 PSU L600	4,000	25	160	4,000	No	–	28	665 x 80 x 76	911401836088
WT120C G3 40S/840 PSU WEC3 L1200	4,000	25	160	4,000	No	–	25	1,285 x 80 x 76	911401837088
WT120C G3 40S/840 PSU WEC3 TW1 L1200	4,000	25	160	4,000	Yes	–	25	1,285 x 80 x 76	911401837188
WT120C G3 40S/840 UE PSU L1200	4,200	22.5	187	4,000	No	–	25	1,215 x 80 x 76	910505106551
WT120C G3 60S/840 PSU L1200	6,000	37.5	160	4,000	No	–	28	1,215 x 80 x 76	911401836188
WT120C G3 60S/840 PSU L1500	6,000	37.5	160	4,000	No	–	25	1,515 x 80 x 76	911401835888
WT120C G3 60S/840 PSU WEC3 L1500	6,000	37.5	160	4,000	No	–	25	1,540 x 80 x 76	911401837288
WT120C G3 60S/840 PSU WEC3 TW1 L1500	6,000	37.5	160	4,000	Yes	–	25	1,585 x 80 x 76	911401837388
WT120C G3 60S/840 UE PSU L1500	6,000	32	188	4,000	No	–	25	1,515 x 80 x 76	910505106552
WT120C G3 80S/840 PSU L1200	8,000	50	160	4,000	No	–	28	1,215 x 80 x 76	911401836288
WT120C G3 80S/840 PSU L1500	8,000	50	160	4,000	No	–	28	1,515 x 80 x 76	911401835988
WT120C G3 100S/840 PSU L1500	10,000	62.5	160	4,000	No	–	28	1,515 x 80 x 76	911401836388
WT120C G3 120S/840 PSU L1500	12,000	75	160	4,000	No	–	31	1,515 x 80 x 76	911401836488
WT120C G3 140S/840 UE PSU L1500	14,000	74	189	4,000	No	–	31	1,515 x 80 x 76	910505106553
WT121C G3 40S/840 PSU L1200	3,800	25	152	4,000	No	–	28	1,215 x 80 x 76	910505106556
WT121C G3 60S/840 PSU L1500	5,800	37.5	155	4,000	No	–	28	1,515 x 80 x 76	910505106557
Waterproof luminaire, All-in, with opal prismatic cover (PCO), switchable (PSU)									
WT120C G3 24_29_35_40S/840 PSU L600	2,400 / 2,900 / 3,500 / 4,000	25 / 14.6	159 / 164	4,000	No	No	28	665 x 80 x 76	911401839588
WT120C G3 27_33_39_46S/830_40 PSU TW3 L1200	2,700 / 3,300 / 3,900 / 4,600	28.5 / 16.6	161 / 163	3,000 / 4,000	Yes	No	28	1,235 x 80 x 76	911401841588
WT120C G3 27_33_39_46S/840 PSU L1200	2,700 / 3,300 / 3,900 / 4,600	28.5 / 16.6	161 / 163	4,000	No	No	28	1,215 x 80 x 76	911401839388
WT120C G3 27_33_39_46S/840 TW3 PSU L1200	2,700 / 3,300 / 3,900 / 4,600	28.5 / 16.6	161 / 163	4,000	Yes	No	28	1,235 x 80 x 76	911401839788
WT120C G3 27_33_39_46S/865 PSU L1200	2,700 / 3,300 / 3,900 / 4,600	28.5 / 16.6	161 / 163	6,500	No	No	28	1,215 x 80 x 76	910505106568
WT120C G3 35_43_51_60S/830 PSU L1500	3,400 / 4,100 / 5,000 / 5,800	37.5 / 21.5	155 / 157	3,000	No	No	28	1,515 x 80 x 76	910505106567
WT120C G3 35_43_51_60S/830_40 PSU TW3 L1500	3,500 / 4,300 / 5,100 / 6,000	37.5 / 21.5	159 / 162	3,000 / 4,000	Yes	No	28	1,535 x 80 x 76	911401841688
WT120C G3 35_43_51_60S/840 PSU L1500	3,500 / 4,300 / 5,100 / 6,000	37.5 / 21.5	159 / 162	4,000	No	No	28	1,515 x 80 x 76	911401839488
WT120C G3 46_57_69_80S/840 PSU L1500	4,600 / 5,700 / 6,800 / 8,000	50 / 28.5	160 / 162	4,000	No	No	28	1,515 x 80 x 76	911401839688
WT120C G3 46_57_69_80S/840 PSU TW3 L1500	4,600 / 5,700 / 6,800 / 8,000	50 / 28.5	160 / 162	4,000	Yes	No	28	1,535 x 80 x 76	911401839888
WT120C G3 70_86_100_120S/840 PSU L1500	7,000 / 8,600 / 10,000 / 12,000	75 / 43	160 / 163	4,000	No	No	28	1,515 x 80 x 76	911401839988
WT121C G3 27_33_39_46S/840 PSU L1200	2,600 / 3,200 / 3,700 / 4,400	28.5 / 16.6	151 / 158	4,000	No	No	28	1,215 x 80 x 76	910505106558
WT121C G3 35_43_51_60S/840 PSU L1500	3,300 / 4,100 / 4,800 / 5,800	37.5 / 21.5	150 / 155	4,000	No	No	28	1,515 x 80 x 76	910505106559
Accessories									
WT120Z TW-5x2.5-L600 10PCS	Through-wiring set 5 × 2.5 mm ² for 600 mm length, pack of 10								911401883488
WT120Z TW-2x2.5-L1200 10PCS	Through-wiring set 2 × 2.5 mm ² for 1200 mm length, pack of 10								911401883288
WT120Z TW-2x2.5-L1500 10PCS	Through-wiring set 2 × 2.5 mm ² for 1500 mm length, pack of 10								911401883388

Footnote explanations: see page 234



Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim-mable ⁸	UGR	L x W x H (mm)	12NC
Waterproof luminaire, with satinated, prismatic cover, DALI-Controlled (PSD) or integrated HF motion sensor (MDU)									
WT120C G3 40S/840 PSD L600	4,000	25	160	4,000	No	DALI	28	665 x 80 x 76	910505106544
WT120C G3 40S/840 PSD TW1 L600	4,000	25	160	4,000	Yes	DALI	28	685 x 80 x 76	910505106561
WT120C G3 60S/840 PSD L1200	6,000	37.5	160	4,000	No	DALI	28	1,215 x 80 x 76	911401838588
WT120C G3 80S/840 PSD L1200	8,000	50	160	4,000	No	DALI	28	1,215 x 80 x 76	910505106545
WT120C G3 80S/840 PSD L1500	8,000	50	160	4,000	No	DALI	28	1,515 x 80 x 76	911401838888
WT120C G3 80S/840 PSD TW3 L1200	8,000	50	160	4,000	Yes	DALI	28	1,235 x 80 x 76	910505106563
WT120C G3 80S/840 PSD TW3 L1500	8,000	50	160	4,000	Yes	DALI	28	1,535 x 80 x 76	910505106565
WT120C G3 80S/840 UE PSD L1200	8,200	44	186	4,000	No	DALI	28	1,215 x 80 x 76	910505106554
WT120C G3 80S/840 UE PSD L1500	8,200	44	186	4,000	No	DALI	28	1,515 x 80 x 76	910505106555
WT120C G3 120S/840 PSD L1500	12,000	75	160	4,000	No	DALI	31	1,515 x 80 x 76	910505106546
WT120C G3 27S/840 PSR MDUPHW TW3 L1200	2,700	17	159	4,000	Yes	Sensor-based dim	25	1,235 x 80 x 76	910505106540
WT120C G3 34S/840 PSR MDUPHW TW3 L1500	3,400	21.5	158	4,000	Yes	Sensor-based dim	25	1,535 x 80 x 76	910505106541
WT120C G3 40S/840 PSR MDUPHW L1200	4,000	25	160	4,000	No	Sensor-based dim	25	1,215 x 80 x 76	911401837788
WT120C G3 40S/840 PSR MDUPHW TW3 L1200	4,000	25	160	4,000	Yes	Sensor-based dim	25	1,235 x 80 x 76	910505106542
WT120C G3 60S/840 PSR MDUPHW L1500	6,000	37.5	160	4,000	No	Sensor-based dim	25	1,515 x 80 x 76	911401837888
WT120C G3 60S/840 PSR MDUPHW TW3 L1500	6,000	37.5	160	4,000	Yes	Sensor-based dim	25	1,535 x 80 x 76	910505106543
WT120C G3 80S/840 PSR MDUPHW L1500	8,000	50	160	4,000	No	Sensor-based dim	28	1,515 x 80 x 76	910505106539

Footnote explanations: see page 234

CoreLine Tubular Waterproof

Application

- + Animal husbandry and agriculture, industrial and storage halls in the food and (chemical) industry, canopy lighting



About the luminaire

CoreLine Tubular Waterproof fulfil the CoreLine promise of innovative, user-friendly and high-quality lights.

The CoreLine Tubular Waterproof is a reliable, efficient luminaire with an extremely long lifetime.

The ammonia-resistant and sealed luminaire (PMMA tube) is suitable for applications in animal husbandry and the food sector.

The versions offer considerable dust, water and impact protection, making them relevant for certain applications. CoreLine Tubular Waterproof WT210C promise energy savings and less maintenance.

At the same time, thanks to preinstalled feed-through wiring and an external plug connector, they can be installed in next to no time and without tools, so that the luminaire does not need to be opened.

These waterproof luminaire can be flexibly mounted or suspended from ceilings in indoor and covered outdoor areas.



CoreLine Tubular Waterproof made of PMMA are ideal for lighting in animal husbandry and agriculture.



Flexible mounting – horizontally adjustable and rotatable to adjust the direction of light emission. Simple electrical plug-in connection.



CoreLine moisture-proof tubular luminaires can also be suspended with optional accessories



Accessories:
Cable Suspension – infinitely variable and adjustable without tools, max. pendant length 1 m
Chain suspension – max. pendant length 1 m

BEG

✓

IP67/69

IK06

-20° to +40° C



100,000 h
Average lifetime (L80)

Warranty
in years 5

up to 165 lm/W

BETTER

At a glance

Advantages

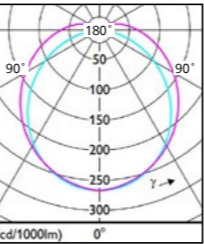
- + Quick installation with mounting clamps that can be flexibly positioned horizontally
- + Flexible mounting distances – existing drill holes or structural obstacles can be taken into account
- + Light emission direction can be steplessly rotatable
- + Electrical plug-in connection terminals, accessible from the outside
- + Dust deposits are largely avoided thanks to the round design (DLG certified)
- + Can also be cleaned using a high-pressure cleaner with hot water (IP69K)
- + Meets IFS/HACCP requirements for the food industry

Features

- + Slim, robust, tubular LED waterproof luminaire made of PMMA and PC, ammonia-resistant
- + Two luminaire lengths with three luminous flux packages
- + High efficiency: up to 165 lm/W
- + Neutral white light (4,000 K) and cool white (3,000 K)
- + Wide beam opal optics, steplessly rotatable
- + With switchable control gear, suitable for DC voltage
- + With Through-Wiring and plug-in connection terminals
- + Two flexible mounting clamps
- + Accessories: Rope and chain suspension sets

Light distribution curves

cd/1000lm L.O.R. = 1.00 0-180° 90-270°

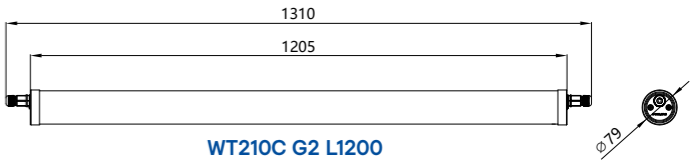


WT210C PSU

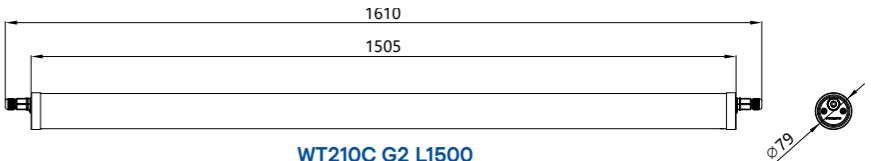
Dimensions and weight

Dimensions in mm

Luminaire type	L (mm)	L1 (mm)	E min (mm)	E max (mm)	D (mm)
WT210C G2 L1200	1,205	1,310	745	1,145	79
WT210C G2 L1500	1,505	1,610	1,045	1,445	

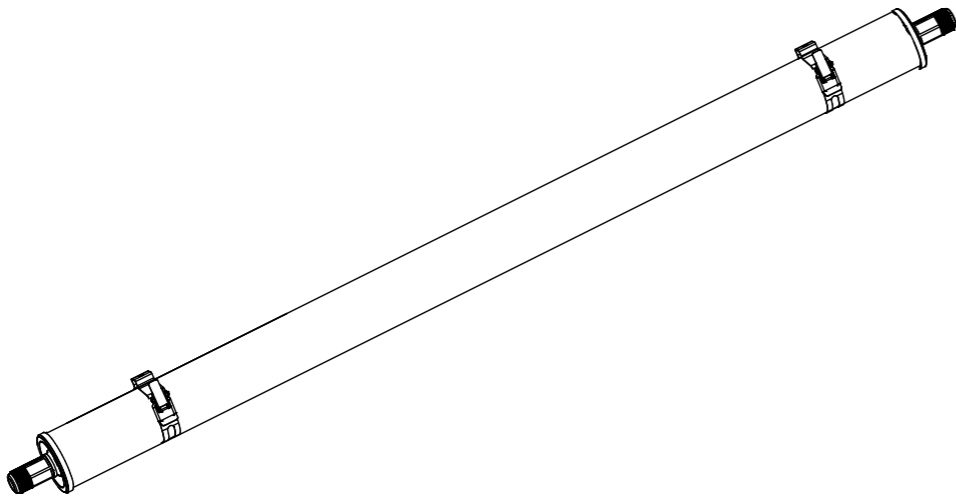


WT210C G2 L1200



WT210C G2 L1500

CoreLine Tubular Waterproof



Further product information



Mounting instructions

Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim-mable ⁸	UGR	L x Ø (mm)	12NC
Waterproof tubular luminaire, with opal PMMA or PC tube, switchable (PSU), with Through-Wiring (TW1)									
WT210C G2 LED39S/840 PSU TW1 PMMA L1500	3,900	26	150	4,000	Yes	–	30	1310 x 79	911401827688
WT210C G2 LED50S/840 PSU TW1 PMMA L1200	5,000	31	161	4,000	Yes	–	30	1610 x 79	911401827788
WT210C G2 LED70S/840 PSU TW1 PMMA L1500	7,000	43.5	161	4,000	Yes	–	30	1310 x 79	911401827888
WT210C G2 LED50S/840 PSU TW1 PC L1200	5,000	31	161	4,000	Yes	–	30	1610 x 79	911401827988
WT210C G2 LED70S/840 PSU TW1 PC L1500	7,000	43.5	161	4,000	Yes	–	30	1310 x 79	911401828088
WT210C G2 LED50S/830 PSU TW1 PC L1200	4,650	31	150	3,000	Yes	–	30	1610 x 79	911401828388
WT210C G2 LED70S/830 PSU TW1 PC L1500	6,600	43.5	152	3,000	Yes	–	30	1310 x 79	911401828488
Waterproof tubular luminaire, with opal PMMA or PC tube, DALI-Controlled (PSD), with Through-Wiring (TW1)									
WT210C G2 LED50S/840 PSD TW1 PMMA L1200	5,000	31	161	4,000	Yes	DALI	30	1610 x 79	911401828988
WT210C G2 LED70S/840 PSD TW1 PMMA L1500	7,000	43.5	161	4,000	Yes	DALI	30	1310 x 79	911401829088
WT210C G2 LED50S/840 PSD TW1 PC L1200	5,000	31	161	4,000	Yes	DALI	30	1610 x 79	911401829188
WT210C G2 LED70S/840 PSD TW1 PC L1500	7,000	43.5	161	4,000	Yes	DALI	30	1310 x 79	911401829288
Waterproof tubular luminaire, Interact Pro Ready, with opal PMMA or PC tube, with Through-Wiring (TW1)									
WT210C G2 LED50S/840 WIA TW1 PMMA L1200	5,000	31	161	4,000	Yes	Yes	30	1610 x 79	911401828588
WT210C G2 LED70S/840 WIA TW1 PMMA L1500	7,000	43.5	161	4,000	Yes	Yes	30	1310 x 79	911401828688
WT210C G2 LED50S/840 WIA TW1 PC L1200	5,000	31	161	4,000	Yes	Yes	30	1610 x 79	911401828788
WT210C G2 LED70S/840 WIA TW1 PC L1500	7,000	43.5	161	4,000	Yes	Yes	30	1310 x 79	911401828888
Accessories									
WT210Z G2 SW2	Cable Suspension set for indoor use; tool-free, stepless height adjustment, max. suspension length: 1 m								911401828188
WT210Z G2 SC	Chain suspension set for interiors and covered outdoor areas; max. suspension length: 1 m								911401828288

Footnote explanations: see page 234



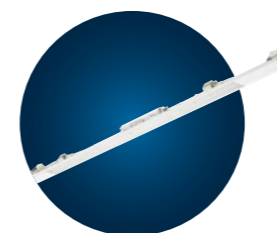
Trunking systems



Maxos fusion

The most flexible and efficient LED Trunking System

- + Increased savings potential possible thanks to 11 optimised optics and free positioning of light panels
- + Additional lights such as spotlights and panel lights can be flexibly integrated
- + Also available as IP54 version
- + Also available as a 13-pole version for central emergency lighting systems
- + Up to 185 lumens per watt
- + Average lifetime (L85): 100,000 hours
- + Light colour: 4,000 Kelvin as well as 3,000; 5,000 and 6,500 Kelvin upon request
- + DALI-Controlled Interact Pro Ready (DIA)
- + 5-year warranty



Maxos Universal (refurbishment light panels)

Simple refurbishment of line-light systems from other manufacturers

- + 1.5 m long light panel with its own cable guide for use in existing rails from various manufacturers
- + Average lifetime (L85): 100,000 hours
- + Up to 168 lm/W for rapid amortisation
- + 1:1 replacement for conventional light panels with 1x 49/58W, 2x 49/58W or 1x 80W fluorescent lamps
- + Proven lighting technology from Maxos fusion for optimum lighting quality
- + 5-year warranty



Maxos unify

Proven and robust LED Trunking System

- + Classic system length of 1.5 m
- + Up to 198 lumens per watt
- + Average lifetime (L85): 100,000 hours
- + 3,000 and 4,000 Kelvin versions
- + DALI-Controlled Interact Pro Ready (DIA)
- + Also as a refurbishment light panel for Maxos conventional (49 W and 58 W length)
- + 5-year warranty



CoreLine Trunking System Gen2.5

Inexpensive LED Trunking System – quick and easy to install

- + Quick installation thanks to light panels and rails in one unit
- + System length 3.4 m and 1.7 m
- + Up to 200 lm/W in an ultra-efficient version
- + Average lifetime (L85): 50,000 hours
- + 4,000 Kelvin
- + Switchable (PSU), DALI-Controlled (PSD) and for Interact Pro (SIA)
- + 5-year warranty

BEST

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



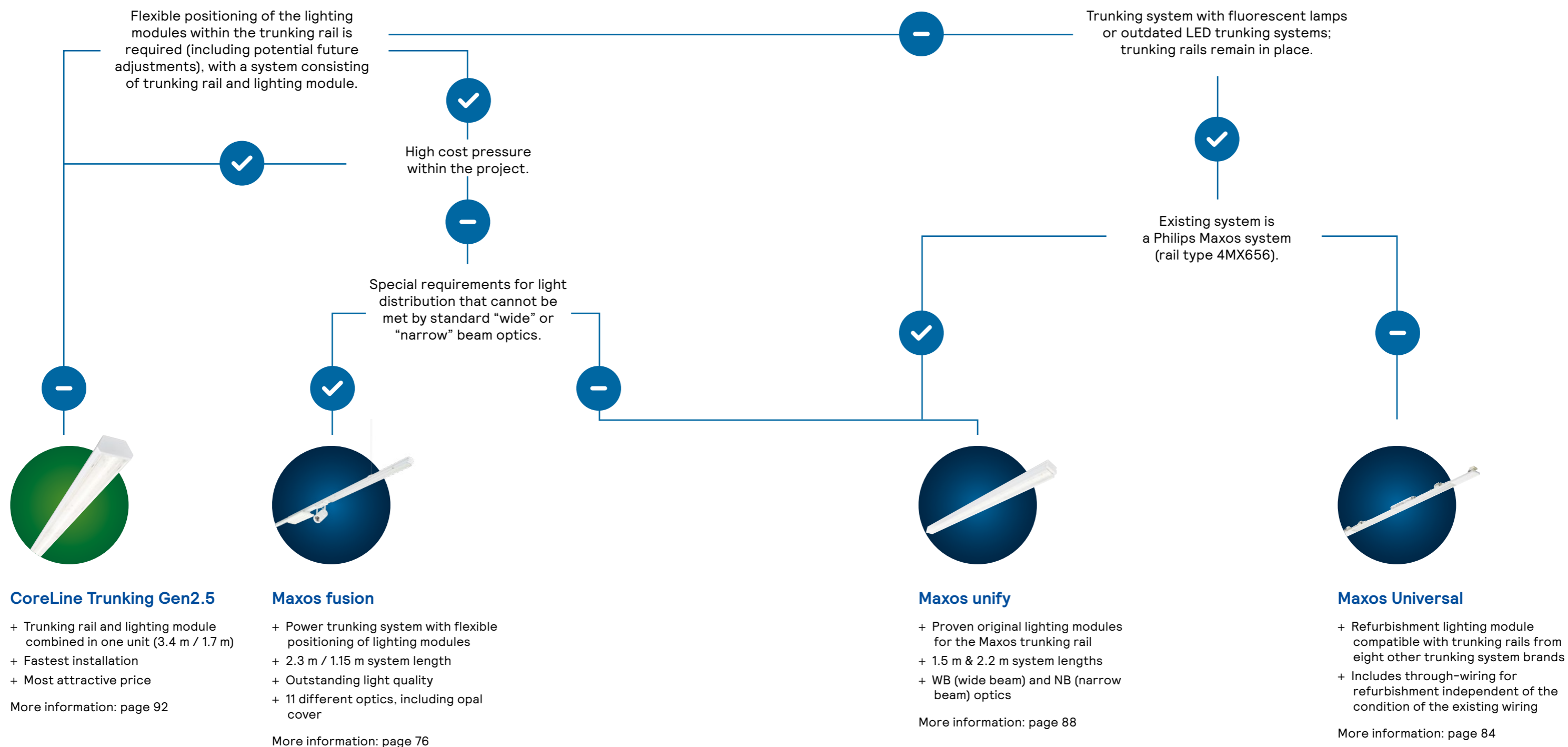
Trunking Systems – The Choice Is Yours

Signify offers a range of trunking systems. As with all luminaires, the key factor is the specific requirements of your project. The overview below provides initial guidance in selecting the most suitable system. Detailed configuration options are available on the respective product pages.



New Installation


Refurbishment / Renovation



Maxos fusion

Application

- + (Food) retail
- + Production areas
- + Logistics centres

 Circular ready = particularly sustainable (see page 13)

 $R_a \geq 90$

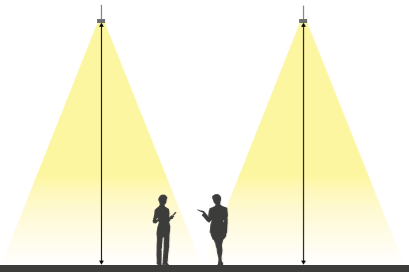
 interact ready



About the luminaire

Maxos fusion is an adaptable LED Trunking System that offers an excellent quality of light while more than halving energy costs compared to fluorescent lamps.

For retail applications, a family of linear panels, non-linear modules and a spot portfolio can be smoothly integrated into the track backbone to let your merchandise sparkle and stand out.

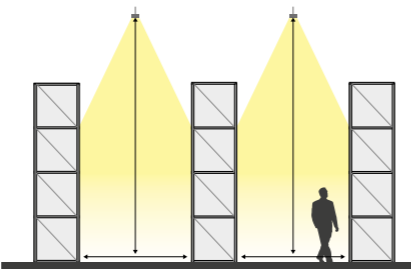


Recommended optics for surfaces*

Illuminance (lx)	Light point height (m)				
	3	6	9	12	15
750	WB	MB	MB	NB	NB
500	WB	MB	MB	NB	NB
300	WB	WB	MB	MB	NB
200	WB O-PC	WB	WB	MB	NB

*Depending on the room size.

For industrial applications, the focus is on reducing installation and maintenance cost by using fewer linear panels. With an electrical set-up of up to 13 wires, the freedom to position these fixtures as required and the integration of other services/ third-party hardware, the system allows you to reduce ceiling clutter. It can also be easily re-configured to accommodate future layout changes.



Recommended optics for high-bay warehouses*

Illuminance (lx)	Light point height (m)			
	3	6	9	12
300	WB	MB	NB	NB
200	WB	MB	NB	NB
150	WB	MB	NB	NB

BEG ✓    -20° to +35° C

EPD

 ZK 30

100,000 h
Average lifetime (L85)

Warranty in years  5

up to 185 lm/W **BEST**

At a glance

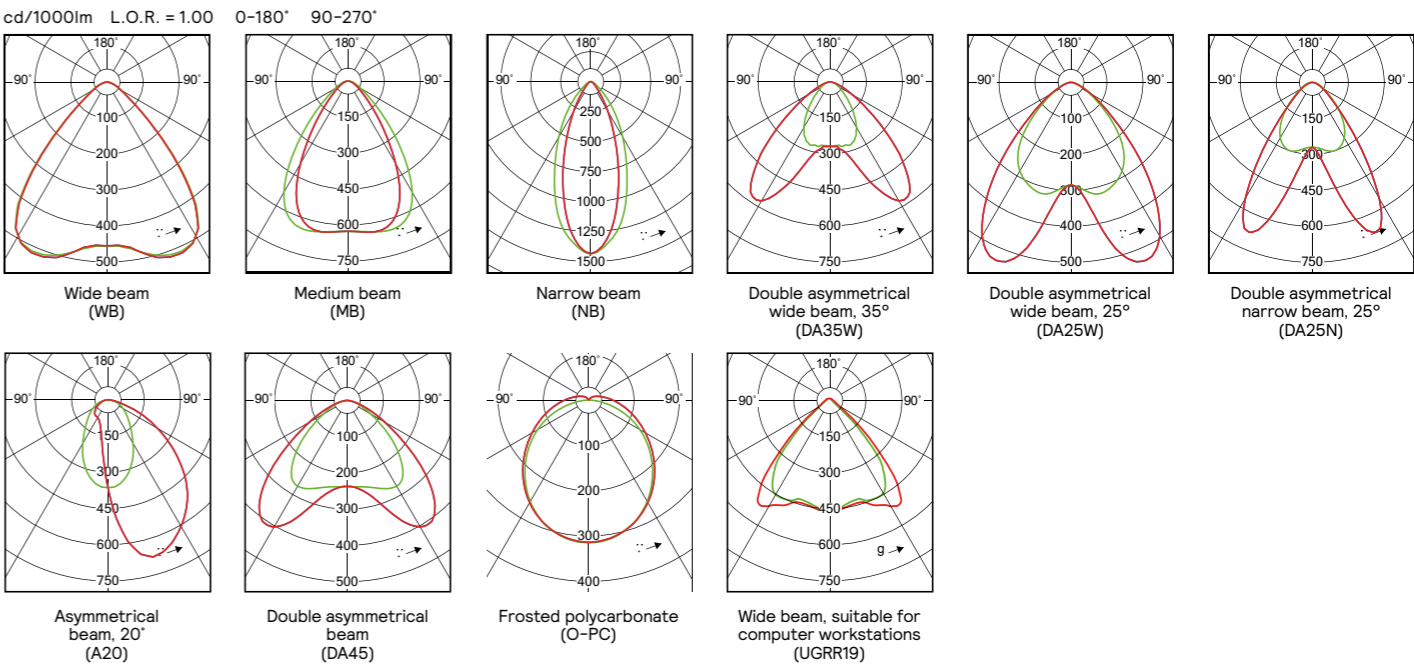
Advantages

- + Freedom to (re-)position enables you to direct the light where needed
- + A family of luminaires to create the desired atmosphere; wide variety of beam shapes to suit diversity of applications
- + Power supply system with up to 13 cores for free positioning of luminaires and sensors for a comprehensive lighting system
- + Also suitable for the integration of emergency lighting. We are happy to support you in co-operation with our partner Inotec

Features

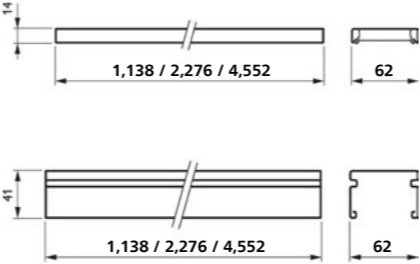
- + Support rails with integrated power supply in lengths of 1.15 m, 2.3 m and 4.6 m
- + Best light quality thanks to Philips OptiSuit lens technology for very uniform and pleasant light distribution without artefacts
- + StoreSet panel lights, light panels and spotlights can be repositioned freely within the system
- + Light panel with up to 16,000 lm and ten light distributions, including (double) asymmetrical distributions and an opal PC cover
- + Optional protection class IP54, silicone-free
- + Light panels with DIA control gear can be adjusted via DALI or with a sensor unit via radio (Interact Pro Ready)

Light distribution curves



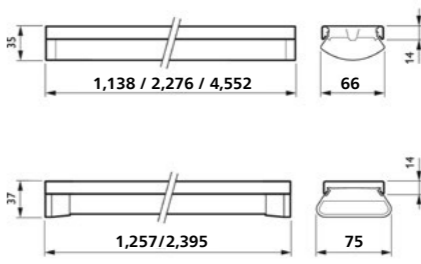
Dimensions and weight

Dimensions in mm



LL512X
LL523X
LL515X

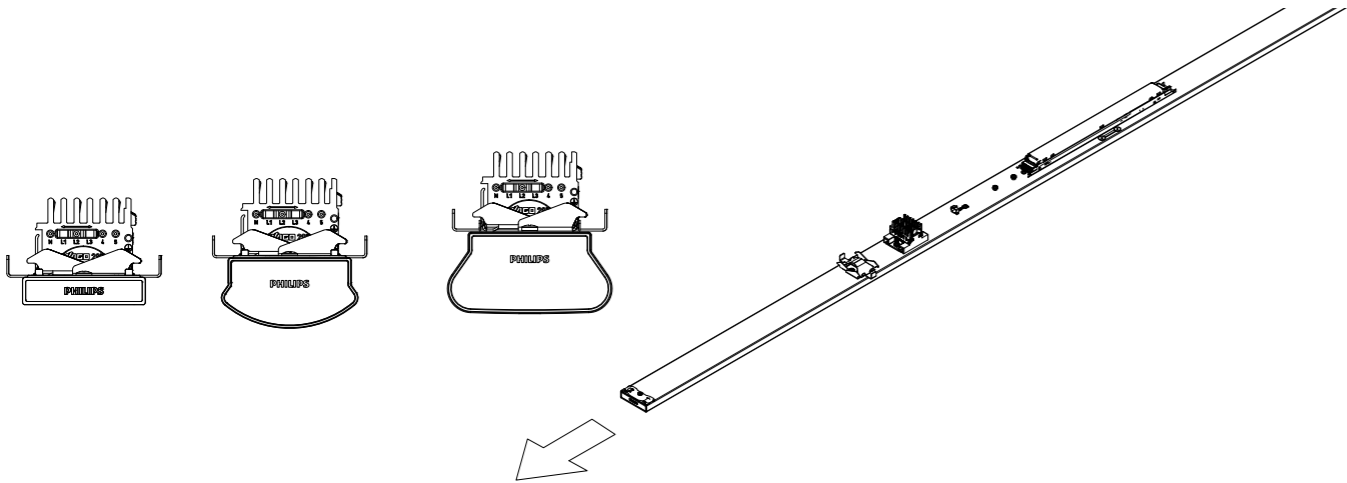
LL512T
LL523T
LL546T



LL512X O-PC
LL523X O-PC

LL612X
LL623X

Maxos fusion



Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.



You can configure this product directly online in the product catalogue.

Product family code	LED module	Efficacy	Colour temperature	Optics	Control gear	Integrated lighting control	Colour	Connector	Emergency lighting
Light panel 1.15 m LL512X	3,100 lm LED31S	High efficiency (up to 180 lm/W) HE	3c000 K (R _s >80) 830	Wide beam WB	DALI-Controlled Interact Pro Ready DIA	No lighting control	White WH	7-pole 7	
Light panel IP54 1.15 m LL612X	5,000 lm LED50S	Extra efficient (up to 185 lm/W) XA	3,500 K (R _s >80) 835 ¹	Wide beam, suitable computer workstations (UGR ₀ 19) WB-OC ¹	DALI-Controlled Interact Pro Ready + suitable for emergency lighting with central battery systems DEIA	Constant luminous flux CLO	Silver SI	13-pole 13 ¹	
Light panel 1.5 m LL515X	6,100 lm LED61S	Ultra efficient (up to 202 lm/W) UE	4,000 K (R _s >80) 840	Medium wide beam MB		Visible Light Communication VLC	Black BK		
	8,000 lm LED80S		5,000 K (R _s >80) 850 ¹	Narrow beam NB	DALI-Controlled PSD	Constant luminous flux + Visible Light Communication CLO-VLC			
			6,500 K (R _s >80) 865 ¹	Extremely narrow beam XNB	DALI-Controlled + suitable for emergency lighting with central battery systems PSED				
			3,000 K (R _s >90 Premium White) PW930 ¹	Double asymmetrical (45°) wide beam DA45W	Interact Pro Ready for wirelessly connected, automated lighting SIA				
Light panel 2.3 m LL523X	6,200 lm LED62S		4,000 K (R _s >90) 940 ¹	Double asymmetrical (35°) wide beam DA35W	Interact PRO Ready + suitable for emergency lighting with central battery systems SEIA				PRO emergency lighting module (3h/360lm) ELP3
Light panel IP54 2.3 m LL623X	10,000 lm LED100S			Double asymmetrical (25°) wide beam DA25W					DALI Emergency light module (3h/360lm) ELD3
	12,300 lm LED123S			Double asymmetrical (25°) narrow beam DA25N					
	16,000 lm LED160S			Asymmetrical A					
				Opal cover made of polycarbonate O-PC					
			1 on request	1 only in combination with LED31S and LED62S					1 in combination with PSED + SEIA + DEIA

Maxos fusion

Accessories

Hanger

In white (WH), silver (SI) and black (BK)
(Recommended suspension distance: 3.5 m, with caddy clips max. 1.5 m)



CB-CH:
Hanger for chain



MB-SW:
Cable Suspension



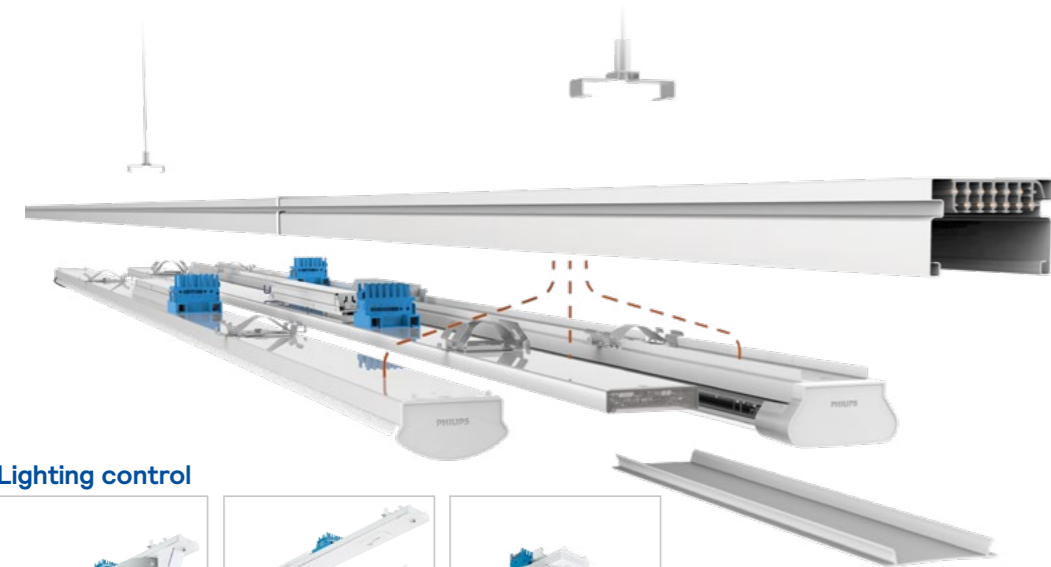
SW2:
Steel line



PB:
Hanger
with caddy clip



SMB:
Hanger for direct
ceiling mounting



Lighting control



LL500E SR2DALI H4 WH
Interact Pro sensor for
high heights (approx.
6 - 16 m)



LL500E SR2DALI IA4 WH
Interact Pro sensor for low
heights (up to approx. 6 m)



Mains-powered motion
and daylight
DALI sensor, versions for
heights 6 m, 12 m & 16 m

Light panels

In white (WH), silver (SI) and black (BK)



Lens optics



1.5 m version with 1.15 m
linear optics and 180 mm
blind covers at each end



PCO optics

Accessories

Power supply and blind cover



2xEP CU Gen2
Starter kit



BC WH
Blind cover



CM WH Gen2
Central supply

Rails

In white (WH),
silver (SI)
and black (BK)

Options

7-pole: 4 x 2.5 mm² &
2 x 1.5 mm² + PE

13-core: 4 x 2.5 mm²
& 8 x 1.5 mm² + PE



7-pole



13-pole

Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim- mable ⁸	L x W x H (mm)	12NC
LED Light panel, high efficiency, dimmable, Interact ready, 2,276 mm length (standard length)								
LL523X LED62S/840 DIA MB 7 WH HE	6,200	35	180	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED62S/840 DIA WB 7 WH HE	6,200	35	180	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED62S/840 DIA PCO 7 WH HE	5,300	35	154	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED100S/840 DIA MB 7 WH HE	10,000	57	177	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED100S/840 DIA WB 7 WH HE	10,000	57	177	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED100S/840 DIA PCO 7 WH HE	8,600	57	151	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED123S/840 DIA NB 7 WH HE	12,300	72	171	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED123S/840 DIA MB 7 WH HE	12,300	72	171	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED123S/840 DIA WB 7 WH HE	12,300	72	171	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED123S/840 DIA PCO 7 WH HE	10,500	72	146	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED160S/840 DIA NB 7 WH HE	16,000	97	165	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED160S/840 DIA MB 7 WH HE	16,000	97	165	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LL523X LED160S/840 DIA WB 7 WH HE	16,000	97	165	4,000	7-pol.	DALI, wireless	2,276 x 62 x 14	Configurator
LED Light panel, highly efficient, dimmable, Interact ready 1,138 mm length (additional length to fill a line)								
LL512X LED31S/840 DIA MB 7 WH HE	3,100	18	172	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED31S/840 DIA WB 7 WH HE	3,100	18	172	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED31S/840 DIA PCO 7 WH HE	2,700	18	150	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED50S/840 DIA MB 7 WH HE	5,000	29	172	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED50S/840 DIA WB 7 WH HE	5,000	29	172	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED50S/840 DIA PCO 7 WH HE	4,300	29	148	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED61S/840 DIA NB 7 WH HE	6,100	37	165	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED61S/840 DIA MB 7 WH HE	6,100	37	165	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED61S/840 DIA WB 7 WH HE	6,100	37	165	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED61S/840 DIA PCO 7 WH HE	5,200	37	141	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED80S/840 DIA NB 7 WH HE	8,000	50	160	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED80S/840 DIA MB 7 WH HE	8,000	50	160	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LL512X LED80S/840 DIA WB 7 WH HE	8,000	50	160	4,000	7-pol.	DALI, wireless	1,138 x 62 x 14	Configurator
LED Light panel, highly efficient, dimmable, Interact ready 1,517 mm length								
LL515X 61S/840 PSD NB 7 HE WH	6,100	37	165	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
LL515X 61S/840 PSD MB 7 HE WH	6,100	37	165	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
LL515X 61S/840 PSD WB 7 HE WH	6,100	37	165	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
LL515X 80S/840 PSD NB 7 HE WH	8,000	50	160	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
LL515X 80S/840 PSD MB 7 HE WH	8,000	50	160	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
LL515X 80S/840 PSD WB 7 HE WH	8,000	50	160	4,000	7-pol.	DALI, wireless	1,517 x 62 x 14	Configurator
Rails. Fix formatting; LED Light panel, high efficiency, dimmable, 1,500 mm length (pinout: 180 mm blind – 1,138 mm LED, 180 mm blind)								
LL512T 4x2.5+2x1.5 Gen2 WH	Gen2 Rail single length, IP20, system length 1,138 mm, incl. internal coupling, 7-core power supply system, 4 x 2.5 mm² & 2 x 1.5 mm² + PE						1,138 x 62 x 41	910925869411
LL523T 4x2.5+2x1.5 Gen2 WH	Gen2 Rail double length, IP20, system length 2,276 mm, incl. internal coupling, 7-core power supply system, 4 x 2.5 mm² & 2 x 1.5 mm² + PE						2,276 x 62 x 41	910925869413
LL546T 4x2.5+2x1.5 Gen2 WH	Gen2 Rail quadruple length, IP20, system length 4,552 mm, incl. internal coupling, 7-core power supply system, 4 x 2.5 mm² & 2 x 1.5 mm² + PE						4,552 x 62 x 41	910925869415
Accessories for electrical connection and blind cover								
LL500Z 2xEP CU Gen2 WH	Supply block and 2 end caps for Gen2 Rail							910925869480
LL500Z CM L400 Gen2 WH	Central supply with 3 cable entries, L = 400 mm							910925869483
LL500Z CM L595 Gen2 WH	Central supply with 6 cable entries, L = 595 mm							Configurator
LL500Z BC L2300 WH	Blind plastic cover, L = 2,300 mm							910925864236
LL500Z BC L1150 WH	Blind plastic cover, L = 1,150 mm							910925864764
LL500E H4 SR2DALI Gen2 WH	Interact Pro SR2DALI sensor unit for heights of 6–16 m, white – for combination with light panels with DIA control gear, 569 mm, max. 20 light panels per sensor unit							Configurator
LL500E IA4 SR2DALI Gen2 WH	Interact Pro SR2DALI sensor unit for heights of 6 m, white – for combination with light panels with DIA control gear, 569 mm, max. 20 light panels per sensor unit							Configurator
LL500E MPL Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 2–6meters*							910925870979
LL500E MPH Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 4–12 meters*							910925870981
LL500E MPM Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 4–16 meters*							910925870980
Suspension mounting accessories								
LL500Z CB-CH WH	Hanger for chain, adjustable							910925864233
LL500Z MB-SW2 L5000 WH	Line hanger, stepless adjustment, incl. line 5,000 mm							910925864230
LL500Z MB-SW WH	Line hanger, stepless adjustment, no line							910925864221
LL500Z SW2 L1250	Steel line 2 mm, L = 1,250 mm, for MB-SW							910925864252
LL500Z SW2 L3000	Steel line 2 mm, L = 3,000 mm, for MB-SW							910925864253
LL500Z SW2 L5000	Steel line 2 mm, L = 5,000 mm, for MB-SW							910925864254
Ceiling mounting accessories								
LL500Z PB WH	Suspension with caddy clip for mounting on ceiling grids ("Odenwald ceilings")							910925864227
LL500Z SMB WH	Suspension for direct ceiling mounting with screws							910925864218

* The MPS DALI sensor is compatible with DIA panels and does not require a DALI Extender (like the SR-sensors) because the DALI-supply is integrated.

Footnote explanations: see page 234

How to plan your Light Strip!

Recommendations for lighting design in new build and refurbishment projects with Maxos fusion

When planning line-light systems, a fixed maintenance factor of e. g. 0.8 is often used. Even then, when products are used that have different lifetime. With better products, the longer service life and lower drop in luminous flux are not taken into account. With the same luminous flux (e.g. 12,300 lumens), the illuminance of products with a shorter service life decreases significantly faster over time (see table). The result: Light sources have to be replaced much more quickly.

Our recommendation: Determine a project- and product-specific maintenance factor that takes into account both the annual operating hours and the planned total service life.

For the longer-lasting product, either a higher maintenance factor of e.g. 0.9 (instead of 0.8) is used in comparison, leading to a lower number of units and thus – cos savings, or, with the same number of units, to a higher illuminance and significantly longer service life – including undesirable exceeding of standard values, unless the system is dimmed.

Maxos fusion with freely configurable light panels offers precisely this flexibility. Conversely, for the investment cost-optimised variant, this also means that light panels have to be replaced well before they reach their lifetime.

It is better to use the full lifetime by lowering the maintenance factor, i. e. for optimisation according to life cycle costs.

The costs for investment, installation and operation as well as the utilisation period therefore vary depending on the design of the maintenance factor.

Hours of use		Light Strip 1 L80 50,000 h	Maxos fusion HE L85 100,000 h
Year	Hrs.		
0	0	375 Lux	375 Lux
1	4,000	369 Lux	372 Lux
3	12,000	357 Lux	366 Lux
7	28,000	333 Lux	357 Lux
12	48,000	303 Lux	339 Lux
		Replacement after 13 years	Replacement after 20 years

+ 7 years
up to the 2nd
investment

Comparison of two line-light systems with different lifetime and luminous flux reduction

You should pay attention to the following:

1. Specification of an annual utilisation period for lighting calculations and an observation period
2. Differentiation of the maintenance factor for products with different L values and service lives
3. In a comparison, calculate products with a higher L value and longer lifetime with a higher maintenance factor.
4. If the lighting requirements, e.g. illuminance, are over-fulfilled, use this to reduce the number of units as far as possible. Possible for line-light systems with freely configurable light panels.
5. Important: Document your calculation with a maintenance plan!

Did you know?

Choose the right maintenance factor.

Lighting systems age over time. This means that illuminance decreases as time passes. The reasons for this are the reduction in luminous flux of the luminaire, soiling of the luminaires and soiling of the room.

Using the maintenance factor in conjunction with a cleaning interval, the planner determines how much the lighting system is oversized at the time of commissioning and when cleaning and maintenance must be carried out in a maintenance plan. By applying the maintenance factor, the lighting system is oversized accordingly.

The design factors that lead to a correct maintenance factor are not standardised and are not always known in practice.

The maintenance factor (*fm*) is defined as the ratio of the maintenance value (*Em*) to the initial illuminance value at commissioning (*Ei*).

$$fm = Em / Ei$$

The planner must:

1. state the maintenance value and list all assumptions made to determine the maintenance factor
2. specify the lighting system suitable for the application environment and
3. prepare a maintenance plan (e.g. specify cleaning intervals)

Further information on the maintenance factor can be found in ISO/CIE TS 22012 or CIE 97:2005

Project-specific maintenance factor

In practice, a maintenance factor of 0.80 is often specified out of ignorance in order to treat products comparably.

If viewed superficially or if the boundary conditions are not described correctly, this can lead to products not being used optimally.

The maintenance factor is the product of several individual factors

$$fm = fLF * fS * fLM * fSM$$

These are:

- fm* = Maintenance factor (MF)
- fLF* = Luminous flux reduction (LLMF)
- fS* = Lamp failure (LSF)
- fLM* = Luminaire soiling (LMF)
- fSM* = Room soiling (RMF)

According to the ZVEI guideline "Planning reliability in LED lighting", failures of individual LED chips in LED luminaires are already taken into account in the *fLF* (LLMF). The *fS* (LSF) is thus set to "1".

$$\text{Maintenance factor} = \text{LLMF} \times \text{LSF} \times \text{LMF} \times \text{RSMF}$$

We recommend determining the maintenance factor individually for each project. The reason for this is that the hours of use in the system and the average lifetime of the luminaires differ significantly in practice. If the maintenance factor is too high, this can lead to the lighting system not achieving its desired service life and requiring replacement well before it expires if the maintenance value is not reached.

We will be happy to provide you with product-related information on determining the maintenance factor.
Feel free to contact us: project.supportdach@signify.com

Maxos universal refurbishment light panels

Application

- + Simple refurbishment of rails from various manufacturers with the best LED technology from Philips
- + Warehouses and production halls, (food) retail, logistics centres



About the luminaire

Maxos Universal is a 1.5 m long refurbishment light panels that can be used to quickly and easily convert conventional line-light systems from other manufacturers to the latest LED technology. The light panel has universal retaining clips that fit into the following trunking systems from other manufacturers.

The clamps can be easily replaced if necessary. Each light panel has Loop Through-Wiring so that the refurbishment is carried out regardless of the condition of the existing wiring.

Compatibility list	
Rail type	Retaining clip
Regent ICE	A (pre-installed)
Regiolux SDT	
Regent	
Ridi VLT XX	
Siemen/Siteco DUS	
Trilux E-line	B (enclosed)
Siteco Modario	
Zumtobel ZX2	Twist lock bolt (on request)
Zumtobel Tecton	



Loop Through-Wiring mounted on the light panel



The safety clips with safety cable allow easy installation. First hook in, connect electrically, then place the light panel in the bar



Plug-in connection terminal for simple phase selection



Switchable types with dip switch on the control gear for selecting the appropriate luminous flux



Version with PCO optics (diffuse light distribution)

BEG ✓

IP20

IK02

CE

-20° to +35° C



100,000 h
Average lifetime (L85)

Warranty
in years 5

up to 168 lm/W

BEST

At a glance

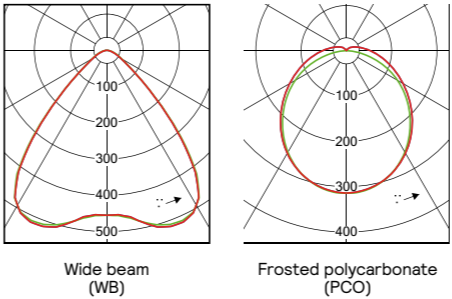
Advantages

- + Simple conversion of your conventional Light Strips from other manufacturers to state-of-the-art trunking technology from Philips
- + The refurbishment light panel is a complete luminaire with CE conformity. The existing rail is still used as a mounting, while the existing wiring remains and is no longer used - refurbishment with high-end LED technology regardless of the condition of the wiring in the existing rails
- + Best light quality thanks to Philips OptiSuit lens technology for very uniform and pleasant light distribution without artefacts.
- + Rapid amortisation thanks to high efficiency of up to 168 lm/W

Features

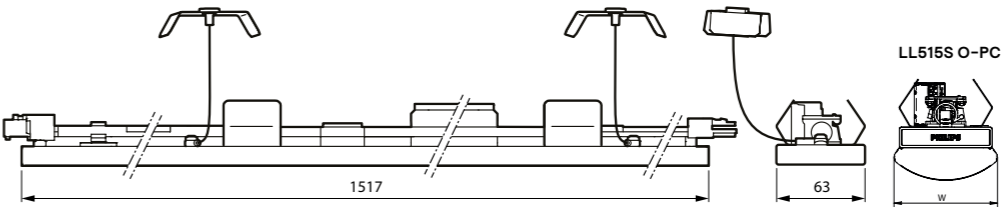
- + Long lifetime of 100,000 hours (L85) 1:1 replacement with wide beam optics for conventional light panels with 1x 49/58W, 2x
- + 49/58W or 1x 80W fluorescent lamps
- + Switchable multi-lumen version with dip switch or DALI-Controlled
- + Universal retaining clips suitable for a wide range of rails from other manufacturers
- + Including Loop Through-Wiring Loop Through-Wiring and blind unit can be ordered as accessories if existing blind units are to be used or new ones installed

Light distribution curves



Dimensions and weight

Dimensions in mm



Version	Weight
Lens optics	1.65 kg
PCO optics	1.95 kg

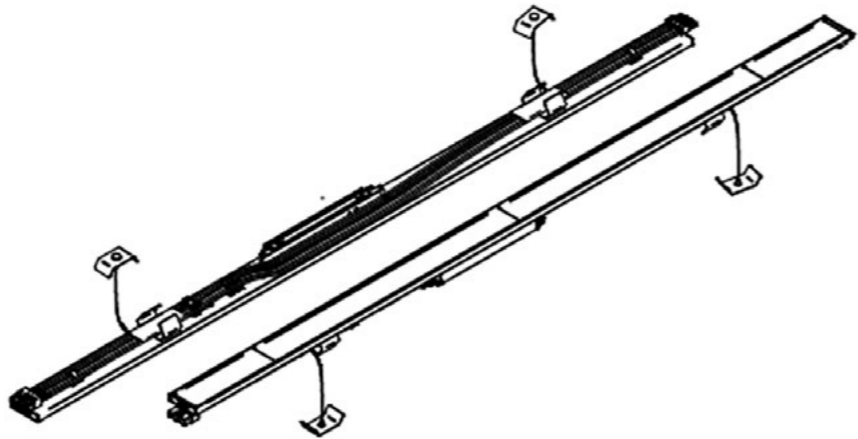
Maxos universal refurbishment light panels



Further product information



Mounting instructions



Technical specifications

Product name	Replacement for T5/T8	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim- mable ⁸	L x W x H (mm)	12NC
LED refurbishment light panel with wide beam optics, 1,516 mm									
LL515S 46S_57S/830 WB PSU UNIV TW3 WH	2 x 49 W / 58 W	4,400 / 5,600*	28 / 35.5	157 / 152	3,000	5-pol.	Dip Switch	1,517 x 63 x 46	910925869510
LL515S 46S_57S/840 WB PSU UNIV TW3 WH		4,700 / 5,900*	28 / 35.5	168 / 166	4,000	5-pol.	Dip Switch	1,517 x 63 x 46	910925869509
LL515S 42S/830 PSD WB UNIV TW3 WH	1 x 49 W / 58 W	4,100	25	154	3,000	7-pol.	DALI	1,517 x 63 x 46	910925869512
LL515S 42S/840 PSD WB UNIV TW3 WH		4,200	25	168	4,000	7-pol.	DALI	1,517 x 63 x 46	910925869511
LL515S 80S/830 PSD WB UNIV TW3 WH	2 x 49 W / 58 W	7,900	50	152	3,000	7-pol.	DALI	1,517 x 63 x 46	910925869514
LL515S 80S/840 PSD WB UNIV TW3 WH		8,000	50	160	4,000	7-pol.	DALI	1,517 x 63 x 46	910925869513
LED refurbishment light panel with opal, diffuse optics, 1,516 mm									
LL515S 46S_57S/830 PCO PSU UNIV TW3 WH	2 x 49 W / 58 W	3,900 / 4,700	28 / 35.5	139 / 132	3,000	5-pol.	Dip Switch	1,517 x 63 x 68	910925869516
LL515S 46S_57S/840 PCO PSU UNIV TW3 WH		4,200 / 5,200	28 / 35.5	150 / 146	4,000	5-pol.	Dip Switch	1,517 x 63 x 68	910925869515
LL515S 42S/830 PSD PCO UNIV TW3 WH	1 x 49 W / 58 W	4,200	25	168	3,000	7-pol.	DALI	1,517 x 63 x 68	910925869518
LL515S 42S/840 PSD PCO UNIV TW3 WH		4,200	25	168	4,000	7-pol.	DALI	1,517 x 63 x 68	910925869517
LL515S 80S/830 PSD PCO UNIV TW3 WH	2 x 49 W / 58 W	8,000	50	160	3,000	7-pol.	DALI	1,517 x 63 x 68	910925869520
LL515S 80S/840 PSD PCO UNIV TW3 WH		8,000	50	160	4,000	7-pol.	DALI	1,517 x 63 x 68	910925869519
Accessories									
LL515Z CU UNIV WH (5 pcs)	Maxos Universal accessories, power supply (5 pieces)								910925869524
LL515Z WIRING 5X1.5 UNIV WH	Maxos Universal accessories, Loop Through-Wiring for blind units, 5-core, 1.5 mm ²								910925869522
LL515Z WIRING 7X1.5 UNIV WH	Maxos Universal accessories, Loop Through-Wiring for blind units, 7-core, 1.5 mm ²								910925869523
LL515Z BC UNIV WH	Maxos Universal accessories, blind cover, white								910925869521

Footnote explanations: see page 234



Maxos unify

Application

- + Food and large retailers
- + Manufacturing
- + Warehouses



Circular ready =
particularly sustainable
(see page 13)



About the luminaire

An adaptable LED trunking system, combining the well proven advantages of an electrical track which allows flexible positioning of linear panels offering multiple flux/ length combinations with specially designed lenses to direct the light where needed. A solution allowing for new projects to be designed with optimal number of linear panels and a solution for retrofitting old installations – Bringing your application right up to date with the latest lighting possibilities. Now, and in the future. The specially developed lens optic with Flat-Lens technology directs the light precisely where it is

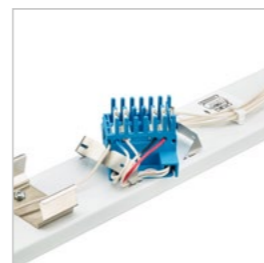
required. The high light quality without artefacts ensures excellent visual comfort and creates a pleasant and safe environment for both employees and customers. The driver technology used (DIA/ DEIA) enables operation with DALI control or, together with sensor units, within the wireless connected Interact Pro system. Sensor units – and therefore the use of Interact Pro – can also be retrofitted in existing installations, allowing lighting systems to be upgraded easily whenever required.



Rear view with all components. Flexible mounting clips for fast installation.



Flat-Lens technology for excellent light quality (overlap effect).



Movable contact block for fully flexible positioning of the linear panels within the trunking rail.



Trunking rails with integrated coupling.



100,000 h
Average lifetime (L85)

Warranty
in years



up to **200 lm/W**

BEST

At a glance

Advantages

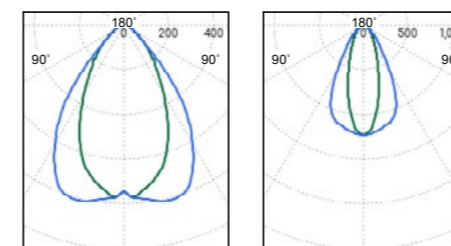
- + Easy retrofit 'old' Maxos and TTX400 electrical units with significant energy savings with UE portfolio
- + Upgrade to Interact systems to unlock more savings
- + Flexible trunking infrastructure with a solution for all electrical scenarios and beyond
- + Reliable and long lasting performance across the full offer

Features

- + Simplified panel offer → 1,5m and 2,25m built on modular components.
- + High efficacy upto 200lm/W in UE range
- + Lumen maintenance L85 100k hrs across the range
- + Dedicated sensor units to upgrade to interact system propositions

Light distribution curves

cd/1000lm L.O.R. = 1.00 0-180° 90-270°

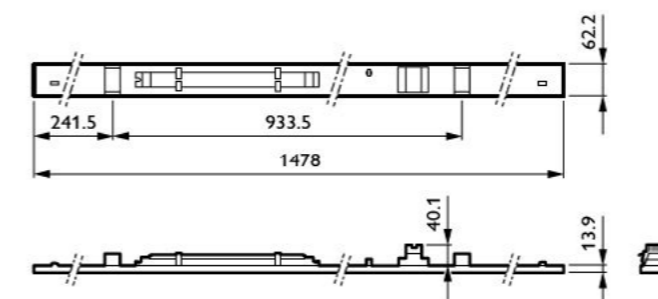


Wide beam (WB)

Narrow beam (NB)

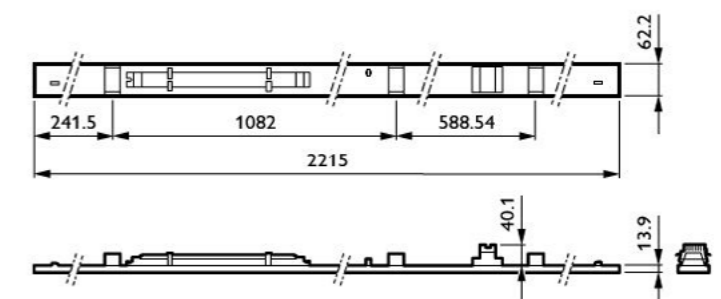
Dimensions and weight

Dimensions in mm



LL551X

1,35 kg









LL552X

1,95 kg

Maxos unify



Technical specifications

Product name	lm²	W³	lm/W⁴	K⁶	TW⁷	Dim-mable⁸	L x W x H (mm)	12NC
 LED light panels, ultra efficiency, dimmable, Interact ready, lenght 1478 mm								
LL551X 40S/840 NE DIA WB WH	4,000	24	167	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870842
LL551X 105S/840 UE DIA NB BK	10,500	65	161	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870849
LL551X 80S/840 NE DIA NB WH	8,000	48.5	165	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870844
 LED light panels, ultra efficiency, dimmable, Interact ready, lenght 2215 mm								
LL552X 100S/840 UE SIA WB WH	10,000	60	167	4,000	7-pol.	InterAct	2.215 x 62 x 14	910925870857
LL552X 62S/840 UE SIA WB WH	6,200	35.5	175	4,000	7-pol.	InterAct	2.215 x 62 x 14	910925870856
LL552X 160S/840 UE SIA NB WH	16,000	98	163	4,000	7-pol.	InterAct	2.215 x 62 x 14	910925870858
LL552X 62S/840 UE DIA WB WH	6,200	35.5	175	4,000	7-pol.	DALI	2.215 x 62 x 14	910925870852
 LED light panels for 4MX656, ultra efficiency, dimmable, Interact ready								
LL553X 80S/840 NE DIA WB WH	8,000	48.5	165	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870860
LL553X 105S/840 UE DIA NB WH	10,500	65	161	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870866
LL553X 40S/840 NE DIA WB WH	4,000	24	167	4,000	7-pol.	DALI	1,478 x 62 x 14	910925870859
 LED light panels for TTX400, ultra efficiency, dimmable, Interact ready								
LL554X 55S/840 UE SIA WB WH	5,500	33	167	4,000	7-pol.	InterAct	1,478 x 62 x 14	Configurator
LL554X 80S/840 UE SIA WB WH	8,000	48.5	165	4,000	7-pol.	InterAct	1,478 x 62 x 14	Configurator
LL554X 80S/840 UE SIA NB WH	8,000	48.5	165	4,000	7-pol.	InterAct	1,478 x 62 x 14	Configurator
Rails for LED panels, with different lenghts: 1478 mm, 2215 mm, 2956 mm, 4430 mm								
LL551T 4x2.5+2x1.5 Gen2 WH	Gen2 rail IP20, system length 1,478 mm, incl. internal coupling						1,478 x 62 x 14	910925870288
LL552T 4x2.5+2x1.5 Gen2 WH	Gen2 rail IP20, system length 2,215 mm, incl. internal coupling						2,215 x 62 x 14	910925870291
LL553T 4x2.5+2x1.5 Gen2 WH	Gen2 rail IP20, system length 2,956 mm, incl. internal coupling						2,956 x 62 x 14	910925870294
LL554T 4x2.5+2x1.5 Gen2 WH	Gen2 rail IP20, system length 4,430 mm, incl. internal coupling						4,430 x 62 x 14	910925870297
Accessories for electrical connection and blind cover								
LL500Z 2xEP CU Gen2 WH	Supply block and 2 end caps for Gen2 Rail							910925869480
LL500Z CM L400 Gen2 WH	Central supply with 3 cable entries, L = 400 mm							910925869483
LL500Z CM L595 Gen2 WH	Central supply with 6 cable entries, L = 595 mm							Configurator
LL500Z BC L2300 WH	Blind plastic cover, L = 2,300 mm							910925864236
LL500Z BC L1150 WH	Blind plastic cover, L = 1,150 mm							910925864764
 LL500E H4 SR2DALI Gen2 WH	Interact Pro SR2DALI sensor unit for heights of 6-16 m, white - for combination with light panels with DIA control gear, 569 mm, max. 20 light panels per sensor unit							Configurator
 LL500E IA4 SR2DALI Gen2 WH	Interact Pro SR2DALI sensor unit for heights of 6 m, white - for combination with light panels with DIA control gear, 569 mm, max. 20 light panels per sensor unit							Configurator
LL500E MPL Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 2-6meters*							910925870979
LL500E MPH Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 4-12 meters*							910925870981
LL500E MPM Gen2 WH	Mains-powered DALI sensor unit, ceiling heights 4-16 meters*							910925870980
Suspension mounting accessories								
LL500Z CB-CH WH	Hanger for chain, adjustable							910925864233
LL500Z MB-SW2 L5000 WH	Line hanger, stepless adjustment, incl. line 5,000 mm							910925864230
LL500Z MB-SW WH	Line hanger, stepless adjustment, no line							910925864221
LL500Z SW2 L1250	Steel line 2 mm, L = 1,250 mm, for MB-SW							910925864252
LL500Z SW2 L3000	Steel line 2 mm, L = 3,000 mm, for MB-SW							910925864253
LL500Z SW2 L5000	Steel line 2 mm, L = 5,000 mm, for MB-SW							910925864254
Ceiling mounting accessories								
LL500Z PB WH	Suspension with caddy clip for mounting on ceiling grids ("Odenwald ceilings")							910925864227
LL500Z SMB WH	Suspension for direct ceiling mounting with screws							910925864218

Footnote explanations: see page 234

Accessories

Hanger

In white (WH), silver (SI) and black (BK)

(Recommended suspension distance: 3.5 m, with caddy clips max. 1.5 m)



CB-CH:
Hanger for chain



MB-SW:
Cable Suspension



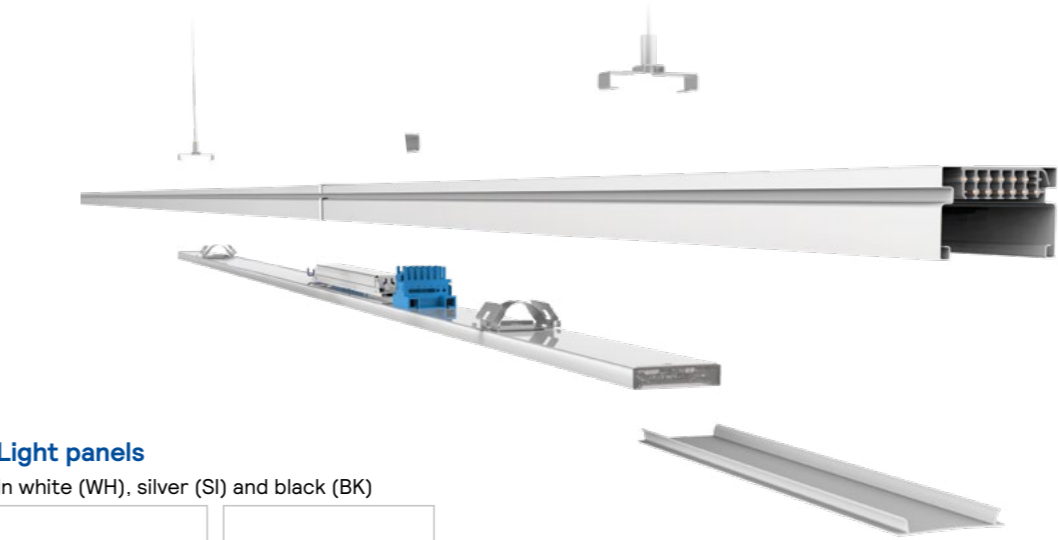
SW2:
Steel line



PB:
Hanger
with caddy clip



SMB:
Hanger for direct
ceiling mounting



Light panels

In white (WH), silver (SI) and black (BK)



Lens optics



1.5 m version with 1.15 m
linear optics and 180 mm
blind covers at each end

Lighting control



LL500E SR2DALI H4 WH
Interact Pro sensor for
high heights (approx.
6 - 16 m)



LL500E SR2DALI IA4 WH
Interact Pro sensor for low
heights (up to approx. 6 m)



Mains-powered motion
and daylight
DALI sensor, versions for
heights 6 m, 12 m & 16 m

Accessories

Power supply and blind cover



2xEP CU Gen2
Starter kit



BC WH
Blind cover



CM WH Gen2
Central supply

Rails

In white (WH), silver (SI) and black (BK)

Options

7-pole: 4 x 2.5 mm² & 2 x 1.5 mm² + PE

13-core: 4 x 2.5 mm² & 8 x 1.5 mm² + PE



7-pole



13-pole

CoreLine Trunking Gen2.5

Application

- + Food and general retail
- + Warehouses
- + Production areas



NEW:
Very quick installation by simply plugging the units together – in seconds without opening the optics!



About the luminaire

CoreLine Trunking Gen2.5 is a continuous trunking system designed for simple and fast installation.

The trunking rail with integrated coupling and the LED lighting module form a single unit. The units are simply plugged together and lock into place tool-free once the electrical connectors are engaged. Each unit is supplied with a suspension bracket for wire suspension and a cover for the coupling area. Everything comes in

one package. This design allows installation of trunking rail and lighting module at the ceiling in a single step.

The resulting time savings translate directly into lower installation costs. CoreLine Trunking Gen2.5 can easily be combined with spotlights and sensors. It delivers uniform, high-quality lighting with a wide choice of lumen packages and beam angles.



Trunking unit with hanger for wire suspension



Integrated coupling – mechanical and electrical. Fast, tool-free connection without opening the housing.



For each trunking system, one starter set for electrical connection is required, including wire hangers and end caps.



Steel suspension wire with thimble available in three lengths.



50,000 h
Average lifetime (L85)

Warranty in years **5**

up to **200 lm/W**

BETTER

At a glance

Advantages

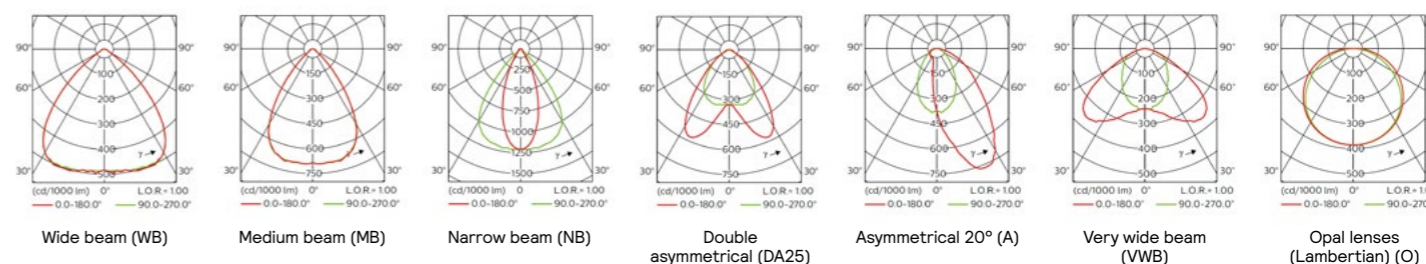
- + Optimised, efficient design with up to 200 lm/W in the ultra-efficient version
- + Very fast installation thanks to simple plug-and-play connection of units – completed in seconds without opening the optic
- + Ideally, only three order codes are required to create a trunking system: selected trunking units, one starter set including all accessories, and pre-assembled steel suspension wires
- + Uniform, high-quality light with excellent light continuity due to minimal spacing between LEDs
- + Interact Ready for extended use in retail and industrial applications (SIA drivers required)

Features

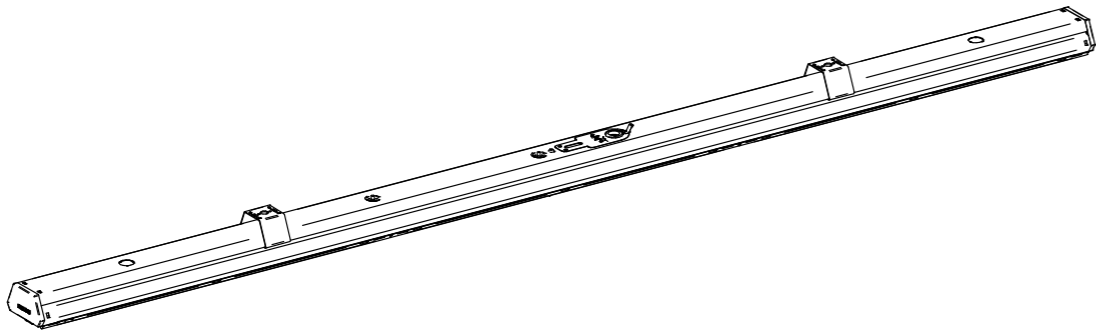
- + Two luminaire lengths: Standard length 3.40 m (LL243X) and extension length 1.70 m (LL242X)
- + 3 luminaire luminous flux values per length
- + 8 different optics offering consistent light quality
- + Luminous flux stability L85 @ 50,000 hours
- + The individual luminaires are supplied with two suspension units for direct ceiling mounting.
- + Special sensor units for upgrading to Interact system proposals
- + An optional blind unit and additional hangers are available for different types of installation

Light distribution curves

cd/1000lm L.O.R. = 1.00 0-180° 90-270°



CoreLine Trunking Gen2.5



Further product information



Mounting instructions



You can configure this product directly online in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	LED module	Housing configuration	Efficacy	Colour temperature	Optics	Control gear	Loop Through-Wiring	Integrated lighting control	Emergency lighting
Unit length 1.2 m LL241X	3,000 lm 30S	Line luminaire (3-phase) LF3	Standard (up to 161 lm/W) NE High efficiency (up to 185 lm/W) HE Ultra Efficient (up to 200 lm/W) UE	3,000 K (R _a > 80) 830 4,000 K (R _a > 80) 840 6,500 K (R _a > 80) 865	Wide beam WB Very wide beam VWB Medium wide beam MB Narrow beam NB Double asymmetrical (25°)-wide beam DA25 Double asymmetrical (25°)-narrow beam DA25N Asymmetrical A Opal lenses O	Switchable PSU DALI-Controlled PSD DALI-Interact Ready DIA Interact Pro Ready for wirelessly connected, automated lighting SIA	5-core Loop Through-Wiring (1.5 mm²) 5x1,5¹	No lighting control	PRO emergency light module (3h) ELP3
	5,300 lm 53S						5-core Loop Through-Wiring (2.5 mm²) 5x2,5¹		
	8,000 lm 80S¹								
Unit length 1.7 m LL242X	4,500 lm 45S	Individual luminaire BV Line luminaire (3-phase) LF3					7-core Loop Through-Wiring (1.5 mm²) 7x1,5²	Visible Light Communication VLC¹ Interact wireless sensor SNH210 H4²	DALI emergency light module (3h) ELD3
	8,000 lm 80S						7-core Loop Through-Wiring (2.5 mm²) 7x2,5²		
	12,000 lm 120S¹						9-core Loop Through-Wiring (1.5 mm²) 9x1,5³		
Unit length 3.4 m LL243X	9,000 lm 90S	Line luminaire (3-phase) LF3 Individual luminaire BV Line light half LED unit & half blind unit HB					9-core Loop Through-Wiring (7x2.5mm² + 2x1.5mm²) 7x2,5+2x1,5³		
	16,000 lm 160S								
	24,000 lm 240S¹								
	¹ Only as HE version						¹ only for PSU ² for PSD / SIA / PSU or PSU+EL types ³ for PSD / SIA + EL types	¹ not in combination with SIA ² only for BV SIA version	¹ Only in conjunction with SIA luminaires, sensor unit and Interact Enterprise System

CoreLine Trunking Gen2.5

Accessories



LL240Z MB-SW 2xEP CU7 WH
StarterSet



LL240Z MB-SW WH (5PCS)
Suspension bracket for wire suspension
(for additional suspension points if
required), pack of 5



LL240Z SW2-1250/3000/5000
Steel suspension wire with thimble,
1.25 / 3.0 / 5.0 m



LL240Z CB WH (5PCS)
Chain suspension bracket, pack of 5



LL240Z SMB WH (5PCS)
Bracket for direct ceiling mounting,
pack of 5



LL240Z EC7-M-F (5PCS)
Replacement feed-in/feed-out set
(plug-socket), 7-pole, for PSU/PSD
trunking system, pack of 5



LL242X 7x1.5 BC
Blank trunking unit for PSU/PSD (1.7 m
length); with 7-core through-wiring



LL240Z SPO EC-F
7x2.5 L550 WH
Unit for two spotlights



ST210Y
Spotlight for integration into spotlight
unit



ST333Y2
Spotlight unit



LL240E H4 7x2.5 WH
Interact Pro Sensor

CoreLine Trunking Gen2.5 – Single luminaire



Trunking single luminaire supplied with two brackets
for direct ceiling mounting (included)



Optional accessory: sus-
pension bracket for wire
suspension
LL240Z MB-SW WH (5PCS)



Optional accessory: steel
suspension wire with
thimble, available in three
lengths

Technical specifications

Product name		Replacement for T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim- mable ⁸	L x W x H (mm)	12NC
3.40 m length (standard length), available with wide beam (WB) and narrow beam (NB) optic										
	LL243X 90S/840 UE DIA WB 7x1.5 WH	1 x 58 W	9,000	45.5	197.8	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870132
	LL243X 90S/840 UE PSU WB 5x1.5 WH	1 x 58 W	9,000	45	200.0	4,000	5-pol.	-	3,400 x 80 x 50	910925870133
	LL243X 160S/840 NE DIA WB 7x1.5 WH	2 x 58 W	16,000	100	160.0	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870131
	LL243X 160S/840 UE DIA NB 7x1.5 WH	2 x 58 W	16,000	80	200.0	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870138
	LL243X 160S/840 UE DIA WB 7x1.5 WH	2 x 58 W	16,000	80	200.0	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870134
	LL243X 160S/840 UE PSU NB 5x1.5 WH	2 x 58 W	16,000	82	195.1	4,000	5-pol.	-	3,400 x 80 x 50	910925870139
	LL243X 160S/840 UE PSU WB 5x1.5 WH	2 x 58 W	16,000	82	195.1	4,000	5-pol.	-	3,400 x 80 x 50	910925870135
	LL243X 240S/840 HE PSU NB 5x1.5 WH	2 x 58 W	24,000	132	181.8	4,000	5-pol.	-	3,400 x 80 x 50	910925870141
	LL243X 240S/840 HE PSU WB 5x1.5 WH	2 x 58 W	24,000	132	181.8	4,000	5-pol.	-	3,400 x 80 x 50	910925870137
	LL243X 240S/840 UE DIA NB 7x1.5 WH	2 x 58 W	24,000	130	184.6	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870140
	LL243X 240S/840 UE DIA WB 7x1.5 WH	2 x 58 W	24,000	130	184.6	4,000	7-pol.	DALI	3,400 x 80 x 50	910925870136
1.70 m length (extension length – to complete a trunking system to the required total length), available with wide beam (WB) and narrow beam (NB) optic										
	LL242X 80S/840 HE PSU WB 5x1.5 WH	2 x 58 W	8,000	44	181.8	4,000	5-pol.	-	1,700 x 80 x 50	910925870126
	LL242X 80S/840 NE DIA WB 7x1.5 WH	2 x 58 W	8,000	50	160.0	4,000	7-pol.	DALI	1,700 x 80 x 50	910925870122
	LL242X 80S/840 UE DIA WB 7x1.5 WH	2 x 58 W	8,000	43	186.1	4,000	7-pol.	DALI	1,700 x 80 x 50	910925870125
	LL242X 120S/840 HE DIA O 7x1.5 WH	2 x 58 W	12,000	65	184.6	4,000	7-pol.	DALI	1,700 x 80 x 50	Configurator
	LL242X 120S/840 UE DIA WB 7x1.5 WH	2 x 58 W	12,000	65	184.6	4,000	7-pol.	DALI	1,700 x 80 x 50	910925870127
	LL242X 120S/840 UE PSU WB 5x1.5 WH	2 x 58 W	12,000	65	184.6	4,000	5-pol.	-	1,700 x 80 x 50	Configurator
Blank unit, 1.70 m length										
LL242X 5x1.5 BC		Blank unit, 1.70 m, 5-core for PSU								910925870903
LL242X 7x1.5 BC		Blank unit, 1.70 m, 7-core for DIA/PSD								910925870904
Accessories (Starter set and steel suspension wire are mandatory)										
LL240Z MB-SW 2xEP CU7 WH		Starter set / connection set for PSU/PSD trunking system (required once per trunking system)								910925870167
LL240Z SW2-1250		Steel suspension wire with thimble, Ø 2 mm, length 1.25 m								910925870161
LL240Z SW2-3000		Steel suspension wire with thimble, Ø 2 mm, length 3.00 m								910925870162
LL240Z SW2-5000		Steel suspension wire with thimble, Ø 2 mm, length 5.00 m								910925870182
Optional Accessories										
LL240Z CB WH (5PCS)		Chain suspension bracket, white, pack of 5								910925870159
LL240Z SMB WH (5PCS)		Bracket for direct ceiling mounting, white, pack of 5								910925870166
LL240Z MB-SW WH (5PCS)		Suspension bracket for additional wire suspension points, pack of 5								910925870168
LL240Z EC7-M-F (5PCS)		Replacement feed-in/feed-out set (plug-socket), 7-pole, for PSU/PSD trunking system, pack of 5								910925870179
LL240Z EP WH (6PCS)		Replacement end caps, pack of 6								910925870180
	LL240E H4 7x2.5 WH	Interact Pro high-bay sensor, 7-core, white – for use with trunking units equipped with SIA driver (1 sensor per 4 trunking units)								910925870158
Switchable, medium-beam spotlight for integration into the trunking system										
LL240Z SPO EC-F 7x2.5 L550 WH		Unit for two spotlights, length 550 mm, white, 7-core, 2.5 mm² (Always required for spotlight integration)								910925870163
ST333Y2 27S/830 PSU WB WH481			2 x 2,700	37.6	144	3,000		-	565 x 180 x 92	910505104622
ST333Y2 39S/830 PSU WB WH481			2 x 4,000	56	144	3,000		-	565 x 180 x 92	910505104624

CoreLine Trunking Gen2.5 – Luminaire in “batten” architecture

Technical specifications

Product name	Replacement for T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim- mable ⁸	L x W x H (mm)	12NC
LED trunking system, single luminaire (BV), 3.40 m length, with wide beam (WB) or narrow beam (NB) optic									
LL243X 160S/840 UE PSU WB BV WH	2 x 58 W	16,000	82	195.0	4,000	-	-	3,400 x 80 x 50	Configurator
LL243X 160S/840 UE DIA WB BV WH	2 x 58 W	16,000	80	200.0	4,000	-	DALI	3,400 x 80 x 50	Configurator
LL243X 160S/840 UE PSU NB BV WH	2 x 58 W	16,000	82	195.1	4,000	-	-	3,400 x 80 x 50	Configurator
LL243X 160S/840 UE DIA NB BV WH	2 x 58 W	16,000	80	200.0	4,000	-	DALI	3,400 x 80 x 50	Configurator
LL243X 240S/840 HE PSU NB BV WH	2 x 58 W	24,000	132	181.8	4,000	-	-	3,400 x 80 x 50	Configurator
LL243X 240S/840 UE DIA NB BV WH	2 x 58 W	24,000	130	184.6	4,000	-	DALI	3,400 x 80 x 50	Configurator

Footnote explanations: see page 234

Recessed and built-in luminaires



Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



PowerBalance UltraEfficient

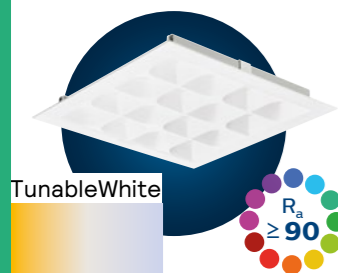
The most efficient office-compliant light for many applications

- + Square and line recessed and built-in luminaires for 600 mm modular ceilings and sawed ceilings
- + Ultra-efficient: up to 174 lm/W
- + With a very good colour rendering value of $R_a \geq 80$ for best light quality and comfort
- + Office-compliant mini cup optics for maximum light quality
- + Quick and easy installation
- + Optionally with integrated, wirelessly controlled light control system - Interact Pro
- + 5-year warranty

PowerBalance

Maximum efficiency and convenience for many applications

- + Square and line recessed and built-in luminaires for 600 mm modular ceilings and sawed ceilings
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant mini cup optics for maximum light quality
- + Also available in TunableWhite
- + Up to 140 lm/W
- + Quick and easy installation
- + Optionally with integrated, wirelessly controlled light control system - Interact Pro
- + 5-year warranty



SlimBlend Gen2

Wide-area light - brilliant and highly efficient

- + Recessed luminaire with brilliantly illuminated light surface
- + For modular ceilings: square and line recessed luminaires
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant MXO micro-hexagonal optic
- + Up to 137 lm/W
- + Optionally with integrated, wirelessly controlled light control system - Interact Pro
- + Optionally convertible to recessed, surface-mounted and direct distribution suspended luminaire with accessories
- + 5-year warranty



FlexBlend

Efficient light - brilliant and comfortable

- + Efficient light - brilliant and comfortable
- + Square and line recessed luminaires for 600 mm modular ceilings
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant microprismatic optic for maximum efficiency
- + Up to 160 lm/W
- + Optionally with integrated, wirelessly controlled light control system - Interact Pro
- + Quick and easy installation
- + 5-year warranty



TrueLine

Slim and highly efficient

- + Recessed luminaires (75 mm thin) - as a light strip with optically continuous light
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant, opal or asymmetrical optic
- + Up to 141 lm/W
- + New: Ultra efficient up to 179 lm/W
- + Also available in TunableWhite
- + Standalone and line light
- + Optionally with integrated, wirelessly controlled light control system - Interact Pro
- + 5-year warranty



CoreLine Panel & CoreLine Panel All-in

9-fold wide-area light in one luminaire

- + Square recessed luminaire for 600 mm modular ceilings
- + Also available as an All-in version: MultiColour 3-in-1 and MultiLumen 3-in-1 for more flexibility, universal application
- + Simple switching on the luminaire enables 3 light colours and 3 luminaire luminous fluxes
- + All-in and standard: office-compliant optic (OC), standard: also opal optics (NOC)
- + Up to 141 lm/W
- + Simple and very quick installation with QuickConnector (All-in only); plug-in connection terminal (standard luminaires)
- + Optional accessories for recessed ceiling installation, ceiling surface-mounted; may also be converted into a suspended luminaire with a suspension set
- + 5-year warranty

BEST

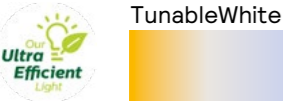
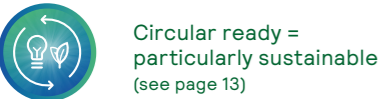
BEST

BETTER

PowerBalance

Application

+ Office and meeting rooms, corridors, sales rooms, classrooms



About the luminaire

Many users are prepared to spend more money on sustainable solutions when lighting office spaces with LED luminaires.

However, this often only applies if their investment is recouped within a reasonable period of time. On the other hand, the system also had to fulfil office lighting standards to ensure a comfortable working environment.

PowerBalance is the most energy-efficient recessed LED luminaire from Philips that fulfils all office lighting standards. Compared to a T5 solution, it saves up to 78% of energy costs and has a longer service life.

This can significantly reduce operating costs. PowerBalance is available as modular, square and line lights in 600 mm modules, as well as slimline, semi-modular luminaires.

There are versions that can be easily installed in ceiling systems with visible T-profiles and there are versions that can be installed in ceiling systems with hidden T-profiles and in plasterboard ceilings. There are also luminaires for grid ceilings.

PowerBalance can now also be used for networked lighting with Interact Pro, is ultra-efficient (up to 174 lm/W luminaires luminous efficacy) and is available as a TunableWhite version.



Square insert lights (VPC) and recessed luminaires (CPC)



Line recessed lights (VPC) and recessed luminaires (CPC)



Optionally with integrated Interact Pro light control (SIA U4 or IA4)



Mini cup optics for maximum efficiency and lighting comfort



50,000 h (L90)
Average lifetime
100,000 h (L80/L75)



up to 174 lm/W **BEST**

At a glance

Advantages

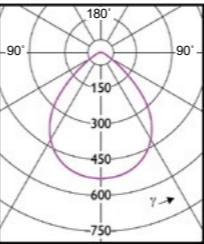
- + Up to 78% energy savings compared to conventional luminaires
- + Mini cup optics for comfortable, office-compliant light, with very good glare control in accordance with EN12464-1 (UGR_R 19, partially UGR_R 16; L65° < 3,000 cd/m²)
- + Recessed luminaire for ceiling systems with visible support profiles (VPC)
- + Recessed luminaire for ceiling systems with concealed support profiles and for sawed ceilings (CPC)

Features

- + Highly efficient, office-compliant LED recessed luminaire (up to 174 lm/W)
- + With a colour rendering value of R_a ≥ 90 for excellent light quality and comfort
- + Square and line lights (module 600 mm)
- + Mini cup optics of special white synthetic material (similar to RAL 9016)
- + With plug-in connection terminal, suitable for further wiring

Light distribution curve

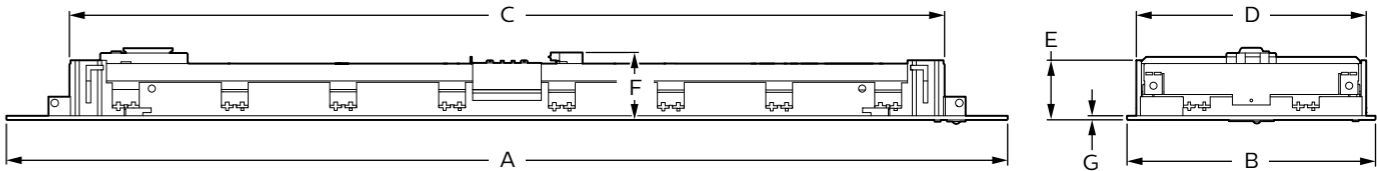
cd/1000lm L.O.R. = 1.00 0-180° 90-270°



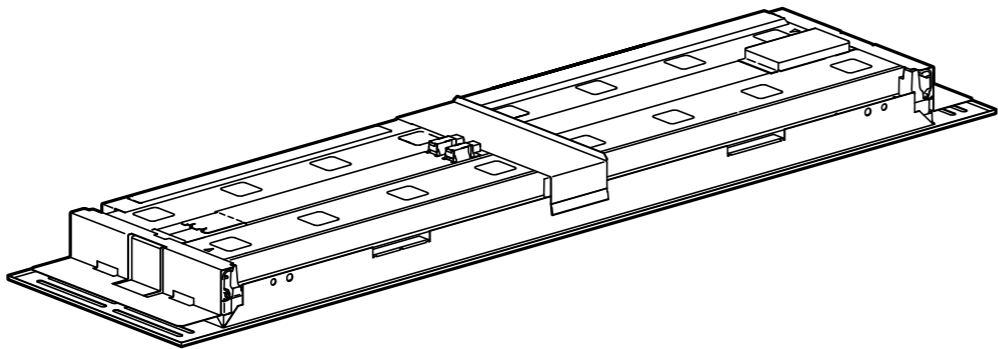
Dimensions and weight

Dimensions in mm

	Module		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
RC461B	600	W60L60	597	597	524	524	67	86	10	5.7
		W30L120	1,197	297	1,172	135	77	95	10	5.3



PowerBalance



Further product information



Mounting instructions

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Geometry (width x length)	Luminous Flux	Housing configuration	Light source color	Control gear	Luminaire / Optical Cover	Embedded lighting control*	Emergency lighting
PowerBalance Module 600 HE (16 cups) RC461B	597 x 597 mm W60L60	2,800 lm 28S	Visible profile ceiling VPC	3,000 K (CRI90) 930	Non-dimmable central EL PSE	Cups white square (default) CWS	Without lighting control unit N ¹	No N
	297 x 1197 mm W30L120	3,400 lm 34S	Plaster ceiling version PCV	4,000 K (CRI90) 940	DALI Interact central EL DEIA	Cups white leaf CWL	Upgradeable InterAct Multi-Sensor and BLE U4 ^{2, 3, 4}	Trustsight Performer (3 hrs) ELP3 ¹
		4,000 lm 40S	Concealed profile ceiling CPC	BioUp Cyan Enhanced Spectrum (CRI80 4,000 K) BU840 ¹	Interact SR wireless + DC EL SEIA ¹		Upgradeable Mainstream Sensor Bundle + U5 ^{2, 3, 4}	Trustsight DALI version (3 hrs) ELD3 ²
		5,000 lm 50S		4,000 K (CRI80) 840 ²	Standard (non Dimmable) PSU		InterAct Multi-Sensor and BLE IA4 ^{2, 3, 5}	TrustSight DALI 3 hrs Wireless Interact connected
		6,000 lm 60S		Tunable white 2,700–6,500 K (CRI90) TW927–965	DALI Interact system ready DIA		Mainstream Sensor Bundle + IA5 ^{2, 3, 5}	Networked (for IA Enterprise only) ELW3 ³
		8,000 lm 80S		Tunable white BioUp (CRI80) TWBU80	Interact/Sensor ready wireless SIA ¹			
				¹ Not for 60S ² Only for Ultra Efficient UE Not for PSU/PSE Not for LED60S	¹ Not for PCV		¹ Not with SEIA & SIA ² Only with SEIA & SIA ³ Not with RC468B ⁴ Not with CPC ⁵ Only with CPC	¹ Only for PSU ² Only for DIA ³ Only for SIA+U4

PowerBalance

Technical specifications

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁶	UGRᵣ	Dimmable⁸	L x W x H (mm)	12NC
Recessed luminaire, square, with dimmable DALI control gear (PSD)									
RC461B 28S/BU840 DEIA W60L60 VPC	3 x 14/18 W	2,800	23	129	4,000	16	DALI	597 x 597 x 72	910505101682
RC461B 28S/BU840 DEIA W60L60 VPC SC		2,800	23	129	4,000	16	DALI	597 x 597 x 72	910505101683
RC461B 34S/940 DEIA W60L60 PCV	4 x 14/18 W	3,400	24	142	4,000	16	DALI	597 x 597 x 72	910505100277
RC461B 34S/940 DEIA W60L60 VPC		3,400	24	142	4,000	16	DALI	597 x 597 x 72	910505100245
RC461B 40S/930 DEIA W60L60 VPC		4,000	30	133	3,000	16	DALI	597 x 597 x 72	910505100595
RC461B 40S/940 DEIA W60L60 VPC		4,000	29	140	4,000	16	DALI	597 x 597 x 72	910505100250
RC461B 80S/TW9 DIA W60L60 VPC ELD3	–	8,000	64	122	2,700– 6,500	19	DALI	597 x 597 x 72	910505101678
RC461B 80S/TW9 DIA W60L60 VPC ELD3 PIPSC		8,000	64	122	2,700– 6,500	19	DALI	597 x 597 x 72	910505101679
Recessed luminaire, linear, with dimmable DALI control gear (PSD)									
RC461B 28S/BU840 DEIA W30L120 PCV	–	2,800	23	129	4,000	16	DALI	1,197 x 297 x 72	910505101675
RC461B 28S/BU840 DEIA W30L120 PCV SC		2,800	23	129	4,000	16	DALI	1,197 x 297 x 72	910505101676
RC461B 28S/BU840 DEIA W30L120 VPC		2,800	23	129	4,000	16	DALI	1,197 x 297 x 72	910505101669
RC461B 28S/BU840 DEIA W30L120 VPC SC		2,800	23	129	4,000	16	DALI	1,197 x 297 x 72	910505101670
RC461B 34S/930 DEIA W30L120 VPC	2 x 28/36 W	3,400	26	133	3,000	16	DALI	1,197 x 297 x 72	910505100234
RC461B 34S/940 DEIA W30L120 VPC		3,400	24	142	4,000	16	DALI	1,197 x 297 x 72	910505100241
RC461B 40S/940 DEIA W30L120 VPC		4,000	29	140	4,000	16	DALI	1,197 x 297 x 72	910505100235
RC461B 80S/TW9 DEIA W30L120 VPC	–	8,000	64	122	2,700– 6,500	19	DALI	1,197 x 297 x 72	910505101666
RC461B 80S/TW9 DEIA W30L120 VPC SC		8,000	64	122	2,700– 6,500	19	DALI	1,197 x 297 x 72	910505101667
Recessed luminaire, square, Interact Pro Ready, office-compliant, dimmable Interact SensorReady wireless driver (SEIA) and multi-sensor, Bluetooth and ZigBee wireless networking									
RC461B 34S/930 SEIA W60L60 VPC U4	4 x 14/18 W	3,400	26	131	3,000	16	Yes	597 x 597 x 82	910505101717
RC461B 34S/930 SEIA W60L60 VPC U4 SC		3,400	26	131	3,000	16	Yes	597 x 597 x 82	910505101719
RC461B 34S/940 SEIA W60L60 VPC U4		3,400	25	139	4,000	16	Yes	597 x 597 x 82	910505101718
RC461B 34S/940 SEIA W60L60 VPC U4 SC		3,400	25	139	4,000	16	Yes	597 x 597 x 82	910505101720
RC461B 40S/940 SEIA W60L60 VPC U4 SC		4,000	29	138	4,000	16	Yes	597 x 597 x 82	910505101722
RC461B 80S/TW9 SEIA W60L60 VPC U4	–	8,000	64	122	2,700– 6,500	19	Yes	597 x 597 x 82	910505103383
RC461B 80S/TW9 SEIA W60L60 VPC U4 SC		8,000	64	122	2,700– 6,500	19	Yes	597 x 597 x 82	910505103385
RC461B 80S/TWBU SEIA W60L60 VPC U4		8,000	64	125	2,700– 5,000	19	Yes	597 x 597 x 82	910505103390
RC461B 80S/TWBU SEIA W60L60 VPC U4 SC		8,000	64	125	2,700– 5,000	19	Yes	597 x 597 x 82	910505103392
Recessed luminaire, linear, Interact Pro Ready, office-compliant, dimmable Interact SensorReady wireless driver (SEIA) and multi-sensor, Bluetooth and ZigBee wireless networking									
RC461B 34S/940 SEIA W30L120VPCU4 SC	2 x 28/36 W	3,400	25	139	4,000	16	Yes	1,197 x 297 x 82	910505101731
RC461B 80S/TW9 SEIA W30L120 VPC U4	–	8,000	64	122	2,700– 6,500	19	Yes	1,197 x 297 x 82	910505103387
RC461B 80S/TW9 SEIA W30L120 VPC U4 SC		8,000	64	122	2,700– 6,500	19	Yes	1,197 x 297 x 82	910505103384
RC461B 80S/TWBU SEIA W30L120 VPC U4		8,000	64	125	2,700– 5,000	19	Yes	1,197 x 297 x 82	910505103394
RC461B 80S/TWBU SEIA W30L120 VPC U4 SC		8,000	64	125	2,700– 5,000	19	Yes	1,197 x 297 x 82	910505103391

Footnote explanations: see page 234

PowerBalance UltraEfficient

Technical specifications

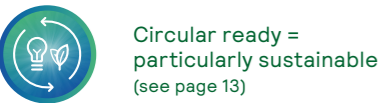
Product name	Replacement for T5/T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	UGR _R	Dimmable ⁸	L x W x H (mm)	12NC
Recessed luminaire, square, with dimmable DALI control gear (PSD), UltraEfficient (UE)									
RC461B 28S/840 DEIA W60L60 VPC UE	3 x 14/18 W	2,800	16	173	4,000	16	DALI	597 x 597 x 72	910505103620
RC461B 28S/840 DEIA W60L60 VPC SC UE		2,800	16	173	4,000	16	DALI	597 x 597 x 72	910505103622
RC461B 34S/840 DEIA W60L60 VPC UE	4 x 14/18 W	3,400	20	172	4,000	16	DALI	597 x 597 x 72	910505103624
RC461B 34S/840 DEIA W60L60 VPC SC UE		3,400	20	172	4,000	16	DALI	597 x 597 x 72	910505103628
RC461B 40S/840 DEIA W60L60 VPC UE		4,000	23	174	4,000	16	DALI	597 x 597 x 72	910505103632
RC461B 40S/840 DEIA W60L60 VPC SC UE		4,000	23	174	4,000	16	DALI	597 x 597 x 72	910505103636
Recessed luminaire, linear, with dimmable DALI control gear (PSD), UltraEfficient (UE)									
RC461B 28S/UE840 DEIA W30L120 VPC	1 x 28/36 W	2,800	16	173	4,000	16	DALI	1197 x 297 x 72	910505103619
RC461B 28S/UE840 DEIA W30L120 VPC SC		2,800	16	173	4,000	16	DALI	1197 x 297 x 72	910505103621
RC461B 34S/UE840 DEIA W30L120 VPC	2 x 28/36 W	3,400	20	172	4,000	16	DALI	1197 x 297 x 72	910505103623
RC461B 34S/UE840 DEIA W30L120 VPC SC		3,400	20	172	4,000	16	DALI	1197 x 297 x 72	910505103627
RC461B 40S/UE840 DEIA W30L120 VPC		4,000	23	174	4,000	16	DALI	1197 x 297 x 72	910505103631
RC461B 40S/UE840 DEIA W30L120 VPC SC		4,000	23	174	4,000	16	DALI	1197 x 297 x 72	910505103635
Recessed luminaire, square, Interact Pro Ready, office-compliant, dimmable Interact SensorReady wireless driver (SEIA) and multi-sensor, Bluetooth and ZigBee wireless networking, UltraEfficient (UE)									
RC461B 34S/840 SEIA W60L60 VPC U4 UE	4 x 14/18 W	3,400	20	172	4,000	16	Yes	597 x 597 x 82	910505103626
RC461B 34S/840 SEIA W60L60 VPC U4 SC UE		3,400	20	172	4,000	16	Yes	597 x 597 x 82	910505103630
RC461B 40S/840 SEIA W60L60 VPC U4 UE		4,000	23	174	4,000	16	Yes	597 x 597 x 82	910505103634
RC461B 40S/840 SEIA W60L60 VPC U4 SC UE		4,000	23	174	4,000	16	Yes	597 x 597 x 82	910505103638
Recessed luminaire, linear, Interact Pro Ready, office-compliant, dimmable Interact SensorReady wireless driver (SEIA) and multi-sensor, Bluetooth and ZigBee wireless networking, UltraEfficient (UE)									
RC461B 34S/840 SEIA W30L120 VPC U4 UE	2 x 28/36 W	3,400	20	172	4,000	16	Yes	1197 x 297 x 82	910505103625
RC461B 40S/840 SEIA W30L120 VPC U4 UE		3,400	20	172	4,000	16	Yes	1197 x 297 x 82	910505103633
RC461B 34S/840 SEIA W30L120 VPC U4 SC UE		4,000	23	174	4,000	16	Yes	1197 x 297 x 82	910505103629
RC461B 40S/840 SEIA W30L120 VPC U4 SC UE		4,000	23	174	4,000	16	Yes	1197 x 297 x 82	910505103637

Footnote explanations: see page 234

SlimBlend Gen2

Application

- + Office and meeting rooms
- + Corridors
- + Salesrooms
- + Classrooms



About the luminaire

High-performance lighting that ensures greater performance, comfort, well-being and sustainability in offices is in great demand. „Light surface“ solutions that offer excellent lighting quality with high functionality and connectivity are therefore very popular.

One example of this is the Philips SlimBlend Gen2. This complete product family with very flat luminaires is designed for greater well-being and the circular economy.

The SlimBlend Gen2 luminaires are characterised by high luminous efficacy and outstanding light quality ($R_a > 90$).

The lights are designed for recycling and are therefore an environmentally friendly solution for the circular economy.

The special feature of the SlimBlend Gen2 luminaires is their high quality of light. The special micro-hexagonal optic (MXO) ensures glare-free comfort and infuses the homogeneous light with a glow that creates a vibrant light surface, enhancing interiors and creating full office conformity. SlimBlend Gen2 is a minimalist solution with excellent lighting properties that, in conjunction with Interact Pro, achieves further energy savings and comfort.



SlimBlend Gen2 available as a square light and as a line light in module 600



Brilliant MXO micro-hexagonal optics for comfortable light with maximum efficiency



Optionally with integrated Interact Pro light control with IA4 wireless Multi Sensor



The QuickConnector with plug-in connection terminal, suitable for further wiring, enables particularly quick and easy installation. First connect the cable without the light, then simply click the socket and plug together – done.



50,000 h (L90)
Average lifetime
100,000 h (L80)



up to 137 lm/W **BEST**

At a glance

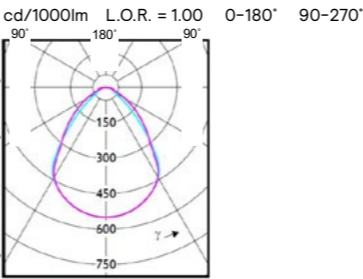
Advantages

- + Particularly brilliant light surface for pleasant and comfortable light
- + Up to 68% energy savings compared to conventional lights
- + MXO-Micro-hexagonal optics for brilliant, office-compliant light, per EN 12464-1
- + Optional accessories for installation in sawed ceilings, ceiling systems with concealed support profiles, for ceiling surface-mounting and for suspension as a direct distribution suspended luminaire

Features

- + Highly efficient, office-compliant recessed LED luminaire (up to 137 lm/W)
- + Square and line lights (module 600 mm)
- + With MXO micro-hexagonal optics for a brilliant light surface
- + Aluminium luminaire frame and sheet steel housing, both painted white (similar to RAL9003)
- + With adjustable DALI control gear, standard (PSD) or suitable for emergency lighting (DEIA) and adjustable, with integrated wireless presence detector for integration in Interact Pro (SEIA IA4), also suitable for emergency lighting
- + With plug-in connection QuickConnector for very quick installation, suitable for further wiring

Light distribution curve

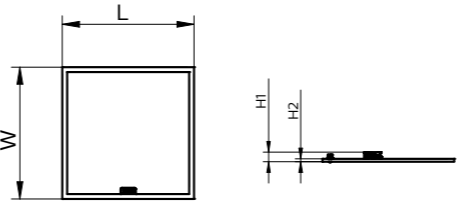


Dimensions and weight

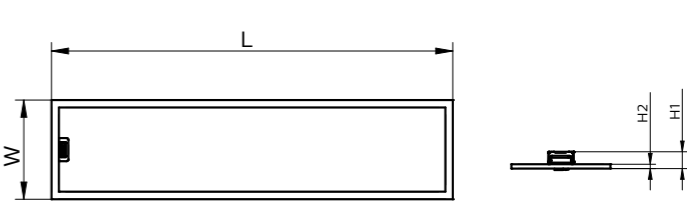
Dimensions in mm

		L (mm)	W (mm)	H1/H2 (mm)	Weight (kg)
RC330V	W60/L60	595	595	43/13	2.9
	W30/L120	1195	295	43/13	3

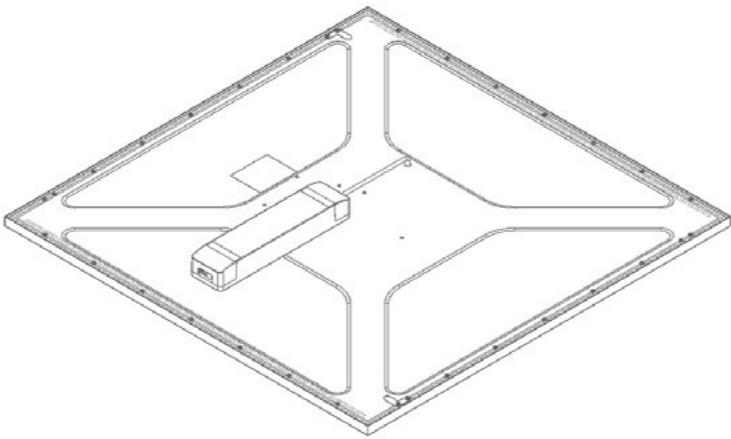
W60L60



W30L120



SlimBlend Gen2



Further product information



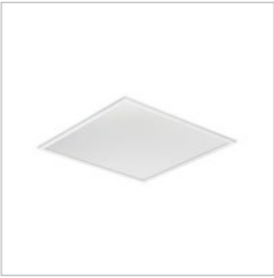
Mounting instructions

Technical specifications

Product name	Replacement for T5/T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	UGR _R	Dim- mable ⁸	L x W x H (mm)	12NC
Recessed luminaire, square, office-compliant, with dimmable DALI control gear (PSD)									
RC330V 36S/930 PSD W60L60 MXO SC	4 x 14/18 W	3,400	27	126	3,000	19	DALI	595 x 595 x 43	910505102485
RC330V 36S/940 PSD W60L60 MXO		3,600	27	133	4,000	19	DALI	595 x 595 x 43	910505102445
RC330V 36S/940 PSD W60L60 MXO SC		3,600	27	133	4,000	19	DALI	595 x 595 x 43	910505102484
RC330V 36S/940 PSD W60L60 MXO W5		3,600	27	133	4,000	19	DALI	595 x 595 x 43	910505102446
RC330V 42S/930 PSD W60L60 MXO		4,000	31.5	127	3,000	19	DALI	595 x 595 x 43	910505102448
RC330V 42S/940 PSD W60L60 MXO		4,200	31.5	133	4,000	19	DALI	595 x 595 x 43	910505102447
RC330V 42S/940 PSD W60L60 MXO SC		4,200	31.5	133	4,000	19	DALI	595 x 595 x 43	910505102486
Recessed luminaire, linear, office-compliant, with dimmable DALI control gear (PSD)									
RC330V 36S/930 PSD W30L120 MXO SC	2 x 28/36 W	3,400	26.5	128	3,000	19	DALI	1,195 x 295 x 43	910505102494
RC330V 36S/940 PSD W30L120 MXO		3,600	26.5	136	4,000	19	DALI	1,195 x 295 x 43	910505102469
RC330V 36S/940 PSD W30L120 MXO SC		3,600	26.5	136	4,000	19	DALI	1,195 x 295 x 43	910505102493
RC330V 36S/940 PSD W30L120 MXO W5		3,600	26.5	136	4,000	19	DALI	1,195 x 295 x 43	910505102470
RC330V 42S/930 PSD W30L120 MXO		4,000	31	129	3,000	19	DALI	1,195 x 295 x 43	910505102472
RC330V 42S/930 PSD W30L120 MXO SC		4,000	31	129	3,000	19	DALI	1,195 x 295 x 43	910505102496
RC330V 42S/940 PSD W30L120 MXO		4,200	31	135	4,000	19	DALI	1,195 x 295 x 43	910505102471
RC330V 42S/940 PSD W30L120 MXO SC		4,200	31	135	4,000	19	DALI	1,195 x 295 x 43	910505102495
Recessed luminaire, square, module 600; Interact Pro Ready, office-compliant, dimmable SensorInteractReady control gear, suitable for DC and emergency lighting (SEIA) and Multi Sensor (IA4), Bluetooth and ZigBee wireless connectivity									
RC330V 36S/940 SEIA W60L60 IA4 MXO	4 x 14/18 W	3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102450
RC330V 36S/940 SEIA W60L60 IA4 MXO SC		3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102488
RC330V 36S/940 SEIA W60L60 IA5 MXO		3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102451
RC330V 36S/940 SEIA W60L60 IA5 MXO SC		3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102489
RC330V 36S/940 WIA W60L60 MXO		3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102449
RC330V 36S/940 WIA W60L60 MXO SC		3,600	27	133	4,000	19	Yes	595 x 595 x 43	910505102487
RC330V 42S/930 SEIA W60L60 IA4 MXO		4,000	31.5	127	3,000	19	Yes	595 x 595 x 43	910505102452
RC330V 42S/930 SEIA W60L60 IA4 MXO SC		4,000	31.5	127	3,000	19	Yes	595 x 595 x 43	910505102490
RC330V 42S/940 SEIA W60L60 IA4 MXO		4,200	31.5	133	4,000	19	Yes	595 x 595 x 43	910505102453
RC330V 42S/940 SEIA W60L60 IA4 MXO SC		4,200	31.5	133	4,000	19	Yes	595 x 595 x 43	910505102491
Recessed luminaire, line, module 600; Interact Pro Ready, office-compliant, dimmable SensorInteractReady control gear, suitable for DC and emergency lighting (SEIA) and Multi Sensor (IA4), Bluetooth and ZigBee wireless connectivity									
RC330V 36S/930 SEIA W30L120 IA4 MXO SC	2 x 28/36 W	3,400	26.5	128	3,000	19	Yes	1,195 x 295 x 43	910505102498
RC330V 36S/940 SEIA W30L120 IA4 MXO		3,600	26.5	136	4,000	19	Yes	1,195 x 295 x 43	910505102475
RC330V 36S/940 SEIA W30L120 IA4 MXO SC		3,600	26.5	136	4,000	19	Yes	1,195 x 295 x 43	910505102497
RC330V 36S/940 SEIA W30L120 IA5 MXO		3,600	26.5	136	4,000	19	Yes	1,195 x 295 x 43	910505102476
RC330V 36S/940 WIA W30L120 MXO		3,600	26.5	136	4,000	19	Yes	1,195 x 295 x 43	910505102473
RC330V 42S/930 SEIA W30L120 IA4 MXO		4,000	31	129	3,000	19	Yes	1,195 x 295 x 43	910505102477
RC330V 42S/940 SEIA W30L120 IA4 MXO		4,200	31	135	4,000	19	Yes	1,195 x 295 x 43	910505102478
RC330V 42S/940 WIA W30L120 MXO		4,200	31	135	4,000	19	Yes	1,195 x 295 x 43	910505102474

Footnote explanations: see page 234

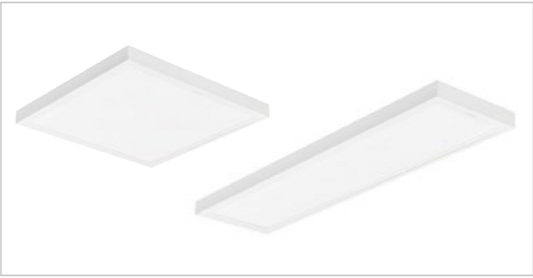
SlimBlend Gen2 accessories



Flush mounting
All SlimBlend Gen2 can be easily and quickly installed in sawn ceilings using optional installation clamps.



Flush mounting
All SlimBlend Gen2 can be easily installed in ceiling systems with concealed support profiles using optional mounting brackets.



Surface mounting
All SlimBlend Gen2 can also be attached to many ceilings with an optional mounting frame made of white painted aluminium (similar to RAL 9016), which is quickly and easily snapped together. The thus created surface-mounted luminaire has a height of just 52 mm.



Suspended installation
All SlimBlend Gen2 luminaires can also be used as direct-beam suspended luminaire with an optional suspension set. Tool-free steplessly height-adjustable.

RC330Z SMB-PLC

Ceiling cut-out	A (mm)	B (mm)
W60L60	580	580
W30L120	1,180	280

RC330Z SMB-CPC

RC330Z SMB W30L120
RC330Z SMB W60L60

	A (mm)	B (mm)	C (mm)	D (mm)
W60L60	612	612	332	576,5
W30L120	1,212	312	632	276,5

RC330Z SME-3 WH
RC330Z SME-4 WH

Accessories

Product name	Description	12NC
Clamps for installation in sawn ceilings – set of 4 clamps for one luminaire		
RC159Z Plaster Ceiling SMB-PLC	Installation clamps	911401809287
Mounting brackets for installation in ceiling systems with concealed support profiles – set of 4 mounting squares for a single luminaire		
RC330Z SMB-CPC	Insert-mounting bracket	910505102499
Mounting frame made of aluminium, painted white (similar to RAL 9003)		
RC159Z SMB W60L60	Aluminium ceiling mounting frame (plug-in), painted white, for all W60L60 versions, frame height: 79 mm	911401807787
RC159Z SMB W30L120	Aluminium ceiling mounting frame (plug-in), painted white, for all W30L120 versions, frame height: 79 mm	911401807987
Single Cable Suspension with ceiling canopy incl. connection cable; tool-free, stepless height adjustment; max. suspension length: 1.50 m		
RC159Z Suspension set SME-2 WH	Triangular wire suspension set with 2-core electrical connection cable for SlimBlend Gen2	911401809587
RC159Z Suspension set SME-3 WH	Triangular wire suspension set with 3-core electrical connection cable for Interact Pro Ready (SEIA and WIA), SlimBlend Gen2	911401809487
RC159Z Suspension set SME-4 WH	Triangular wire suspension set with 4-core electrical connection cable for DALI-dimmable (PSD and DEIA), SlimBlend Gen2	911401809387
Safety accessories for luminaires		
RC159Z Safety Cable	Steel safety cable for additional securing of suspended or ceiling-mounted luminaires	911401809187
Decorative elements for luminaires – set of 5 pieces		
RC159Z Deco Double Circle W60L60 (5pcs)	Decorative double-circle element set for SlimBlend Gen2 W60L60 luminaires.	912401483527
RC159Z Deco Square W60L60 (5pcs)	Decorative square element set for SlimBlend Gen2 W60L60 luminaires.	912401483525
RC159Z Deco Double Square W60L60 (5pcs)	Decorative double-square element set for SlimBlend Gen2 W60L60 luminaires.	912401483526

FlexBlend

Application

- + Offices
- + Education
- + Healthcare
- + Banks



Circular ready = particularly sustainable (see page 13)



About the luminaire

Office operators and employees responsible for operating lighting systems are looking for high-quality, energy-efficient lighting that fulfils all standards and legal requirements.

FlexBlend was developed to fulfil these requirements. Building owners can comprehensively optimise their lighting by obtaining certified lighting with attractive ROI values for offices.

FlexBlend also offers the necessary flexibility through simple adaptation to different ceiling types and different office environments, such as open-plan offices or meeting rooms.

Although technology is developing rapidly, an ideal lighting solution is expected to anticipate innovations and future developments so that functionality can be optimised even further.

Philips FlexBlend is therefore also prepared for lighting control systems such as the Interact Pro system.

FlexBlend can also be connected to software-based lighting systems such as Interact Office to provide the luminaire with additional intelligence.



Square luminaire (VPC) for ceiling module 600



Line recessed luminaire (VPC) for ceiling module 600



Optionally with integrated Interact Pro Ready light control (SEIA U4)



Brilliant, office-compliant PCS optic for maximum efficiency

BEG ✓

IP20 ceiling side

IP54 room side (only PCS)

IK02

EPD

30

50,000 h (L90/L85)
Average lifetime

100,000 h (L85/L80)

Warranty in years

5

up to 160 lm/W

BEST

At a glance

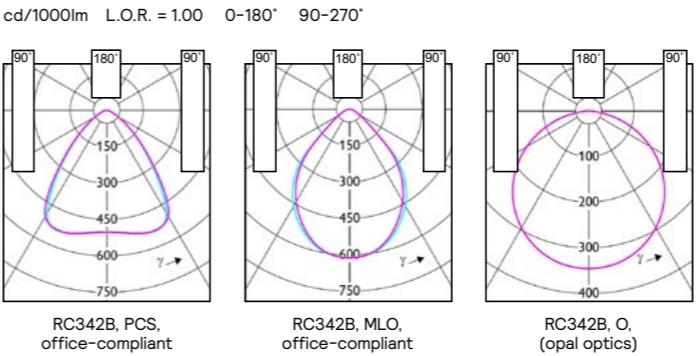
Advantages

- + High-quality lighting, office-compliant lighting (for PCS and MLO versions)
- + Choice of three different optics:
Brilliant, office-compliant PCS optic for maximum efficiency (up to 144 lm/W), office-compliant MLO optic for maximum comfort and opal O optic for very uniform light
- + Flexible application
- + Optionally with Interact Pro networked light control system

Features

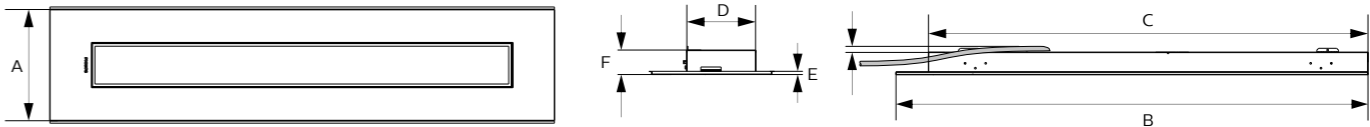
- + Highly efficient, office-compliant LED recessed lights (up to 160 lm/W)
- + Square and line lights (module 600 mm)
- + With three optics for different requirements
- + Conforms to office lighting standard EN12464-1 (UGR_R 19; L65° < 3,000 cd/m²)
- + Various mounting options
- + Easy connection to software-based lighting systems such as Interact Pro

Light distribution curves

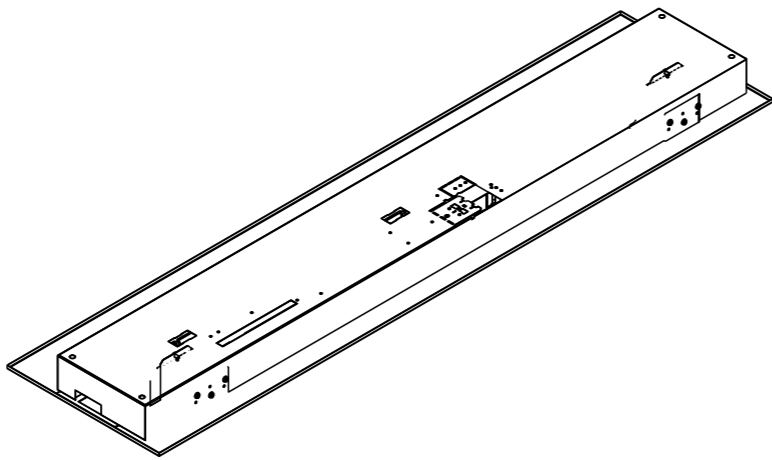


Dimensions and weight

Dimensions in mm		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
RC340B	W60/L60	597	597	571	361	6	60	4.32
	W30/L120	297	1,197	171	1,173	6	60	4.32
	W15/L120	147	1,197	121	1,173	6	86	3.16



FlexBlend



Further product information



Mounting instructions



You can configure this product directly online in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Geometry (width x length)	Luminous Flux	Mounting	Correlated Colour Temperature	Luminaire / Optical Cover	Control gear	Embedded control	Connector type	Safety accessory	Emergency lighting
FlexBlend Module 600 RC340B	60 cm x 60 cm W60L60	2,800 lm 28S	Visible profile ceiling VPC ¹	3,000 K (80 CRI) 830	Polycarbonate Structured Office compliant PCS	Non-dimmable central EL PSE	No control N	No connector N	No N	TrustSight Basic (3 hrs) ELB3 ¹
	15 cm x 120 cm W15L120	3,600 lm 36S	Plaster ceiling version PCV ²	4,000 K (80 CRI) 840	Micro Lens Optic Office compliant MLO	DALI Interact central EL DEIA	SC200 in upgradable sensor slot U4 ¹	Push-in PIP	Safety Cable SC	Trustsight Performer (3 hrs) ELP3
	30 cm x 120 cm W30L120	4,200 lm 42S	Concealed profile ceiling CPC ³	3,000 K (90 CRI) 930	Opal Non-office compliant O	Interact SR wireless + DC EL SEIA	SC1500 in upgradable sensor slot U5 ¹	Wieland GST18/3 M W3 ¹		Trustsight Dali version (3 hrs) ELD3 ²
	295 mm x 1345 mm W30L13S			4,000 K (90 CRI) 940	Micro heXagonal Optics Non Office compliant MXO	Standard (non Dimmable) PSU		Wieland GST18/4 M W4 ²		TrustSight DALI (3 hrs) Wireless Interact connected Networked (for IA Enterprise only) ELW3 ³
					Dffused Lens Optic Office compliant DLO	DALI Interact system ready DIA		Wieland GST18/6 M W6 ⁴		
						Interact/Sensor ready wireless SIA ¹		Wieland GST18/4 M + BST14/2M W4W2 ⁴		
			¹ Not for W17L125, W30L133 ² Only for W60L60,W17L125,W31L125 ³ Not for W15L120,W15L125, W17L125			¹ Not for W15L120 & W15L125	¹ Only for SEIA	¹ For PSE & SEIA ² For PSU, SIA ³ For DEIA ⁴ For DIA		¹ Only for PSU ² Only for DIA ³ Only for SIA+U4

FlexBlend

Technical specifications

Product name	Replacement for T5/T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	UGR _r	Dim- mable ⁸	L x W x H (mm)	12NC
Recessed luminaire, square, non-dimmable									
RC340B 36S/940 PSE W60L60 CPC MLO	4 x 14/18 W	3,600	37.5	96	4,000	19	No	597 x 597 x 60	910925867046
RC340B 36S/940 PSE W60L60 CPC PCS PIP		3,600	25	144	4,000	19	No	597 x 597 x 60	910925867044
RC340B 36S/940 PSE W60L60 VPC MLO SC		3,600	37.5	96	4,000	19	No	597 x 597 x 60	910925867063
RC340B 36S/940 PSE W60L60 VPC O		3,600	30	120	4,000	25	No	597 x 597 x 60	910925866966
RC340B 36S/940 PSE W60L60 VPC O SC		3,600	30	120	4,000	25	No	597 x 597 x 60	910925867061
RC340B 42S/940 PSE W60L60 CPC MLO		4,200	44	95.5	4,000	19	No	597 x 597 x 60	910925867047
RC340B 42S/940 PSE W60L60 CPC PCS		4,200	30	140	4,000	19	No	597 x 597 x 60	910925867049
RC340B 42S/940 PSE W60L60 VPC MLO		4,200	44	95.5	4,000	19	No	597 x 597 x 60	910925867043
RC340B 42S/940 PSE W60L60 VPC O		4,200	33	127	4,000	25	No	597 x 597 x 60	910925867001
RC340B 42S/940 PSE W60L60 VPC PCS		4,200	30	140	4,000	19	No	597 x 597 x 60	910925867003
Recessed luminaire, linear, non-dimmable									
RC340B 36S/940 PSE W15L120 VPC MLO	2 x 28/36 W	3,600	37.5	96	4,000	19	No	1197 x 147 x 86	910925867015
RC340B 42S/940 PSE W15L120 VPC MLO		4,200	44	95.5	4,000	19	No	1197 x 147 x 86	910925867017
Recessed luminaire, square, with dimmable DALI control gear (PSD)									
RC340B 36S/930 SEIA W60L60 VPC PCS U4	4 x 14/18 W	3,600	26.5	136	3,000	18	DALI	597 x 597 x 60	910925868912
RC340B 36S/940 DEIA W60L60 CPC MLO		3,600	37	97.5	4,000	19	DALI	597 x 597 x 60	910925866977
RC340B 36S/940 DEIA W60L60 CPC PCS		3,600	25	144	4,000	19	DALI	597 x 597 x 60	910925867045
RC340B 36S/940 DEIA W60L60 PCV MLO		3,600	37	97.5	4,000	19	DALI	597 x 597 x 60	910925866978
RC340B 36S/940 PSD W60L60 PCV PCS		3,600	25	144	4,000	19	DALI	597 x 597 x 60	910925867168
RC340B 36S/940 DEIA W60L60 VPC MLO SC		3,600	37	97.5	4,000	18	DALI	597 x 597 x 60	910925867064
RC340B 36S/940 DEIA W60L60 VPC O		3,600	29	124	4,000	25	DALI	597 x 597 x 60	910925866967
RC340B 36S/940 DEIA W60L60 VPC O SC		3,600	29	124	4,000	25	DALI	597 x 597 x 60	910925867062
RC340B 36S/940 DEIA W60L60 VPC PCS		3,600	25	144	4,000	19	DALI	597 x 597 x 60	910925866973
RC340B 36S/940 PSE W60L60 VPC PCS		3,600	25	144	4,000	18	DALI	597 x 597 x 60	910925866972
RC340B 42S/940 DEIA W60L60 CPC MLO		4,200	44.5	94.5	4,000	19	DALI	597 x 597 x 60	910925867048
RC340B 42S/940 DEIA W60L60 CPC PCS		4,200	30	140	4,000	19	DALI	597 x 597 x 60	910925867050
RC340B 42S/940 DEIA W60L60 VPC MLO		4,200	44.5	94.5	4,000	19	DALI	597 x 597 x 60	910925866999
RC340B 42S/940 DEIA W60L60 VPC O		4,200	33.5	125	4,000	25	DALI	597 x 597 x 60	910925867002
RC340B 42S/940 DEIA W60L60 VPC PCS		4,200	30	140	4,000	19	DALI	597 x 597 x 60	910925867004
Recessed luminaire, linear, with dimmable DALI control gear (PSD)									
RC340B 36S/940 DEIA W15L120 VPC MLO	2 x 28/36 W	3,600	37	97.5	4,000	19	DALI	1197 x 147 x 86	910925867016
RC340B 42S/940 DEIA W15L120 VPC MLO		4,200	44.5	94.5	4,000	19	DALI	1197 x 147 x 86	910925867018
RC340B 36S/940 DEIA W30L120 VPC MLO		3,600	37	97.5	4,000	19	DALI	1197 x 297 x 60	910925866979
Recessed luminaire, square, Interact Pro Ready, PCS optics or microlens optics (MLO), office-compliant, dimmable Interact SensorReady wireless driver (SEIA) and multi-sensor (U4), ZigBee wireless networking with plug-in terminal block									
RC340B 36S/930 SEIA W60L60 VPC MLO U4	4 x 14/18 W	3,600	38.5	93.5	3,000	19	Yes	597 x 597 x 60	910925868910
RC340B 36S/940 SEIA W60L60 VPC MLO U4		3,600	37	97.5	4,000	19	Yes	597 x 597 x 60	910925868914
RC340B 36S/940 SEIA W60L60 VPC PCS U4		3,600	25.5	141	4,000	19	Yes	597 x 597 x 60	910925868916

Footnote explanations: see page 234



TrueLine

Application

+ General lighting for offices, corridors and entrance areas



About the luminaire

Architects need a lighting solution that matches the interior design of the building they are working on.

They want luminaires with an elegant design and high luminous flux.

Planners need luminaires that save energy but at the same time achieve the correct illuminance in line with lighting standards for offices.

TrueLine recessed luminaires can meet both requirements.

They are available as individual luminaires and as continuous row luminaires (e.g. for continuous, longer corridor lighting).

The highly efficient luminaires are available with office-compliant optics (up to 141 lm/W with colour rendering

$R_a > 90$), uniform opal optics, which are very popular for use in corridors, or with asymmetrical optics.

TrueLine is also available as an option for the automatic and networked lighting system Interact Pro.

Luminaires with TunableWhite light colour change for the Personal Light lighting solution or for integration into NatureConnect are also available.

New additions include ultra-efficient luminaires in 4,000 K (neutral white) with colour rendering $R_a > 80$ and a luminaire luminous efficacy of up to 179 lm/W.

TrueLine is also available as a pendant and surface-mounted luminaire.



Single light



Line light



End pieces for line lights



Optionally with integrated Interact Pro Ready light control (SEIA/SIA U4)



50,000 h (L90/L85)
Average lifetime
100,000 h (L80/L75)



up to 179 lm/W

BEST

At a glance

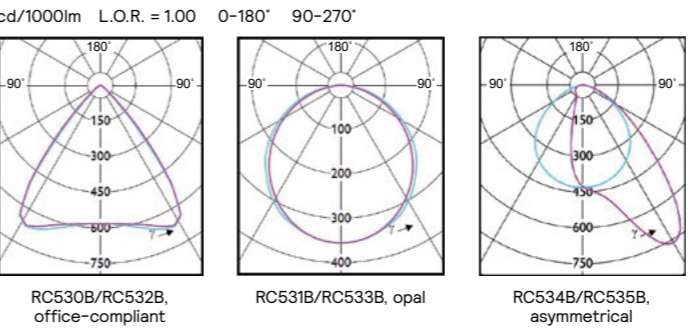
Advantages

- + High-efficiency, office-compliant optic, opal, very even light distribution or asymmetrical optic
- + Extremely high luminous efficacy for a very slim luminaire
- + Very slim luminaire for linear light, single or Light Strip

Features

- + Office-compliant optic (RC530B/RC532B) fulfil the standard for indoor workplace lighting EN12464-1 ($UGR_R 19$; $L65^\circ < 3,000 \text{ cd/m}^2$)
- + Single and line lights
- + Uniform light-emitting surface
- + Future-proof: optionally with automatic, radio-networked Interact Pro light control
- + Optionally also available in „TunableWhite“
- + The office-compliant luminaires (RC530B/RC532B) are also available as ultra-efficient versions with up to 179 lm/W (UE840)

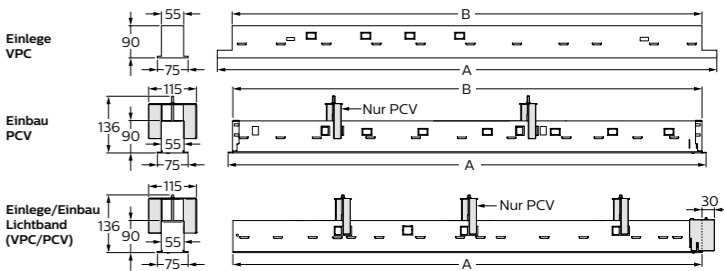
Light distribution curves



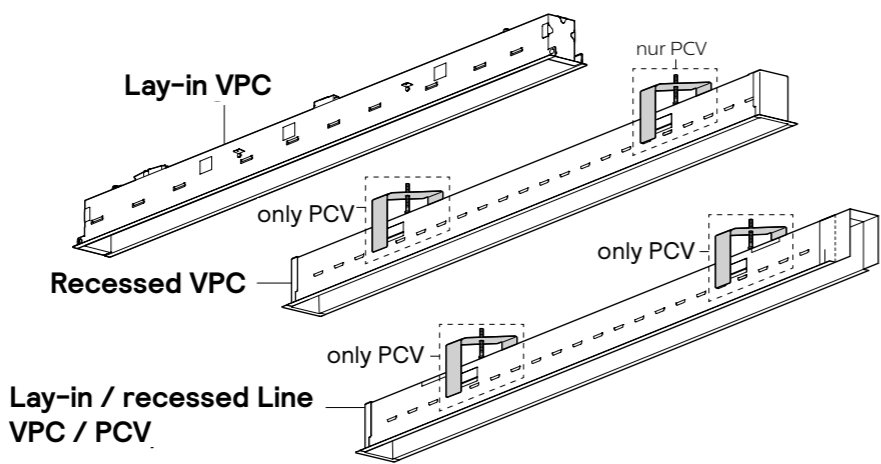
Dimensions and weight

Dimensions in mm

			A	B	Weight
			(mm)	(mm)	(kg)
RC53xB	Recessed VPC	W8L120	1,197	1,130/1,170	2,6/2,8
		W8L125	1,247	1,130/1,170	2,8/2,9
		W8L150	1,497	1,410/1,450	3,2/3,3
	Recessed PCV	W8L113	1,152	1,130	2,6
		W8L117	1,192	1,170	2,8
		W8L141	1,432	1,410	3,1
		W8L145	1,472	1,450	3,4
	Recessed Light Strip VPC/PCV	W8L113	1,127	-	2,5/2,7
		W8L117	1,167	-	2,7/2,9
		W8L141	1,408	-	3,0/3,2
		W8L145	1,448	-	3,2/3,5



TrueLine



Further product information



Mounting instructions

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Geometry (width x length)	Luminous Flux	LED board	Light source color	Mounting			Control gear	Embedded light controller	Connector type	Safety accessory	Emergency lighting
Stand alone direct OC RC530B	75 mm x 1,127 mm W8L113 ¹	1,500 lm 15S ¹	Default NA	Neutral White 4,000 K (CRI>80) 840 ¹	Visible profile ceiling VPC			DALI Interact central EL DEIA	No N	Wieland GST18/3 M W3 ¹	No N	No N
	75 mm x 1,167 mm W8L117 ²	1,900 lm 19S ¹	Ultra Efficient UE ¹	BioUp Cyan Enhanced Spectrum 4,000 K (CRI>80) BU840	Plaster ceiling versions PCV			Interact SR wireless + DC EL SEIA ¹	Upgradeable Mainstream Sensor Bundle + (SC200) U4 ¹	Wieland GST18/3 M + BST14/2M W3W2 ²	Safety cable SC	Emergency Light Pro ELP3
	75 mm x 1,197 mm W8L120 ³	2,500 lm 25S ¹		Warm White 3,000 K (CRI>90) 930				Interact/Sensor ready wireless SIA ¹	Upgradeable Mainstream Sensor Bundle + (SC1500) U5 ²	Wieland GST18/4 M Wieland W4 ³		Emergency Light DALI ELD3
Standalone direct Asymmetrical RC534B	75 mm x 1,408 mm W8L141 ¹	3,100 lm 31S ²		Neutral White 4,000 K (CRI>90) 940				DALI Interact system ready DIA		Wieland GST18/4 M + BST14/2M W4W2 ⁴		TrustSight DALI (3 hrs) Wireless Interact connected ELW3
	75 mm x 1,448 mm W8L145 ²	3,400 lm 34S ²		Tunable white 2,700 – 6,500 K (CRI90) TW927-965 ²						Wieland GST18/5 W5 ²		
	75 mm x 1,497 mm W8L150 ³	4,000 lm 40S ²								Wieland GST18/6 M W6 ⁴		
		4,300 lm 43S ²								Push In with pull relief PIP ⁵		
		5,000 lm 50S ^{2, 3}										
	¹ Not with sensor/IP ² With sensor/IP ³ With sensor/IP/non sensor	¹ Only for OC/NOC ² Only for OC/ Asym ³ Not for PoE	¹ Only for 840; Only for RC530B & RC532B; Not for 15S & 19S	¹ Only for UE ² Only for DIA/DEIA, only for SIA with U4 & SEIA with U4/ U5, not for RC534, RC535					¹ Only with Sensor; not for RC534, RC535	¹ With SEIA & SIA ² With SEIA	¹ For SEIA only ² For DEIA only ³ For SIA only ⁴ For DIA only ⁵ Default	¹ Only with DIA ² Only L1450, PCV stand alone or only L1500, VPC stand alone or only L1450 VPC line ³ Only with SIA with U4

TrueLine

Technical specifications

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁶	UGR _ₑ	Dim- mable⁹	L x W x H (mm)	12NC
Recessed luminaire, suitable for computer workstations, satinated, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC530B 15S/940 DEIA W8L113 PCV	1 x 35 W	1,500	12.2	127	4,000	19	DALI	1,152 x 75 x 136	910505103104
RC530B 34S/940 DEIA W8L113 PCV	1 x 35/1 x 49 W	3,400	24.5	145	4,000	19	DALI	1,152 x 75 x 136	910505103115
RC530B 34S/930 DEIA W8L120 VPC IP	1 x 35/1 x 49 W	3,400	24.5	133	3,000	19	DALI	1,197 x 75 x 90	910505103105
RC530B 40S/940 DEIA W8L120 VPC IP	1 x 49/80 W/2 x 35 W	4,000	29	140	4,000	19	DALI	1,197 x 75 x 90	910505103149
RC530B 19S/940 DEIA W8L141 PCV	1 x 35 W	1,900	14	139	4,000	16	DALI	1,432 x 75 x 136	910505103114
RC530B 31S/940 DEIA W8L141 PCV	1 x 35/1 x 49 W	3,100	21	148	4,000	16	DALI	1,432 x 75 x 136	910505103107
RC530B 43S/940 DEIA W8L141 PCV	1 x 49/80 W/2 x 35 W	4,300	30.5	144	4,000	19	DALI	1,432 x 75 x 136	910505103110
RC530B 50S/940 DEIA W8L141 PCV	2 x 49/2 x 35 W	5,000	36	142	4,000	19	DALI	1,432 x 75 x 136	910505103127
RC530B 43S/940 DEIA W8L150 VPC IP	1 x 49/80 W/2 x 35 W	4,300	30.5	144	4,000	19	DALI	1,497 x 75 x 90	910505103101
RC530B 50S/940 DEIA W8L150 VPC IP	2 x 49/2 x 35 W	5,000	36	142	4,000	19	DALI	1,497 x 75 x 90	910505103113
RC530B 34S/TW9 DEIA W8L113 PCV	1 x 35/1 x 49 W	3,400	27.5	124	2,700–6,500	19	DALI	1,152 x 75 x 136	910505103284
RC530B 40S/TW9 DEIA W8L113 PCV	1 x 49/80 W/2 x 35 W	4,000	33	121	2,700–6,500	19	DALI	1,152 x 75 x 136	910505103286
RC530B 50S/TW927–965 DIA W8L145 PCV	2 x 49/2 x 35 W	5,000	41.5	120	2,700–6,500	19	DALI	1,472 x 75 x 136	910505103287
Recessed line luminaire, suitable for computer workstations, satinated, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC532B 15S/940 DEIA W8L113 PCV	1 x 35/1 x 49 W	1,500	12.2	127	4,000	16	DALI	1,127 x 75 x 136	910505103118
RC532B 19S/940 DEIA W8L141 PCV	1 x 35/1 x 49 W	1,900	14	139	4,000	16	DALI	1,408 x 75 x 136	910505103106
RC532B 25S/940 DEIA W8L113 PCV	1 x 35/1 x 49 W	2,500	18	139	4,000	19	DALI	1,127 x 75 x 136	910505103119
RC532B 25S/940 DEIA W8L113 VPC	1 x 35/1 x 49 W	2,500	18	139	4,000	19	DALI	1,127 x 75 x 90	910505103102
RC532B 31S/940 DEIA W8L141 PCV	1 x 35/1 x 49 W	3,100	21	148	4,000	19	DALI	1,408 x 75 x 136	910505103122
RC532B 43S/940 DEIA W8L141 PCV	1 x 49/80 W/2 x 35 W	4,300	30.5	144	4,000	19	DALI	1,408 x 75 x 136	910505103124
Recessed luminaire, opal, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC531B 15S/930 DEIA W8L113 PCV	1 x 35 W	1,500	14.6	99	3,000	25	DALI	1,152 x 75 x 136	910505103116
RC531B 15S/940 DEIA W8L113 PCV	1 x 35 W	1,500	14.6	106	4,000	25	DALI	1,152 x 75 x 136	910505103117
RC531B 15S/930 DEIA W8L120 VPC IP	1 x 35 W	1,500	14.6	99	3,000	25	DALI	1,197 x 75 x 90	910505103112
RC531B 15S/940 DEIA W8L120 VPC IP	1 x 35 W	1,500	14.6	106	4,000	25	DALI	1,197 x 75 x 90	910505103111
RC531B 19S/930 DEIA W8L150 VPC IP	1 x 35 W	1,900	17.8	104	3,000	25	DALI	1,497 x 75 x 90	910505103103
RC531B 19S/940 DEIA W8L141 PCV	1 x 35 W	1,900	17.8	110	4,000	25	DALI	1,432 x 75 x 136	910505103129
RC531B 31S/940 DEIA W8L141 PCV	1 x 49 W	3,100	29.0	110	4,000	28	DALI	1,432 x 75 x 136	910505103121
Recessed line luminaire, opal, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC533B 15S/940 DEIA W8L113 PCV	1 x 35 W	1,500	14.6	103	4,000	25	DALI	1,127 x 75 x 136	910505103109
RC533B 19S/940 DEIA W8L141 PCV	1 x 35 W	1,900	17.8	107	4,000	25	DALI	1,408 x 75 x 136	910505103131
RC533B 31S/940 DEIA W8L141 PCV	1 x 49 W	3,100	29.0	107	4,000	28	DALI	1,408 x 75 x 136	910505103126
Recessed luminaire, asymmetrical beam, satinated, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC534B 40S/940 DEIA W8L120 VPC IP	1 x 35/1 x 49 W	4,000	31.5	130	4,000	–	DALI	1,197 x 75 x 90	910505103120
RC534B 43S/940 DEIA W8L141 PCV	1 x 35/1 x 49 W	4,300	32	138	4,000	–	DALI	1,432 x 75 x 136	910505103128
RC534B 50S/940 DEIA W8L141 PCV	1 x 49 W	5,000	38	132	4,000	–	DALI	1,432 x 75 x 136	910505103123
Recessed line luminaire, asymmetric beam, satinated, with DALI-Controlled electronic control gear (DEIA), with plug-in connection terminal (PI5)									
RC535B 43S/940 DEIA W8L141 PCV	1 x 35/1 x 49 W	4,300	32	138	4,000	–	DALI	1,408 x 75 x 136	910505103130
RC535B 50S/940 DEIA W8L141 PCV	1 x 49 W	5,000	38	132	4,000	–	DALI	1,408 x 75 x 136	910505103125
Recessed luminaire, office-compliant, satinated optic, dimmable SensorReady control gear (SEIA) and Multi Sensor (U4), ZigBee wireless connectivity, with plug-in connection terminal (PI3)									
RC530B 43S/940 SEIA W8L145 PCV U4	1 x 49/80 W / 2 x 35 W	4,300	30	143	4,000	19	Yes	1,472 x 75 x 136	910505103160
RC530B 34S/TW9 SEIA W8L120 VPC U4 SC	1 x 35/49 W	3,400	27.5	124	2,700–6,500	19	Yes	1,197 x 75 x 90	910505103288
RC530B 43S/TW9 SEIA W8L145 PCV U4	1 x 49/80 W / 2 x 35 W	4,300	35.5	121	2,700–6,500	19	Yes	1,472 x 75 x 136	910505103285
RC530B 43S/TW9 SEIA W8L145 PCV U4 SC	1 x 49/80 W / 2 x 35 W	4,300	35.5	121	2,700–6,500	19	Yes	1,472 x 75 x 136	910505103291
RC530B 50S/TW9 SEIA W8L145 PCV U4	1 x 49 W	5,000	41.5	121	2,700–6,500	19	Yes	1,448 x 75 x 136	910505105669
RC531B 25S/TW9 SEIA W8L120 VPC U4	1 x 35 W	2,500	27	93	2,700–6,500	28	Yes	1,197 x 75 x 90	910505103290
RC531B 31S/TW9 SEIA W8L145 PCV U4	1 x 35/49 W	3,100	34	91	2,700–6,500	22	Yes	1,448 x 75 x 136	910505105670
Accessories									
RC530Z EP WH	End pieces for strip lights (set of 2), white RAL9003; for RC532B, RC533B, RC535B								910403219703
ZZS400 OCR OPTICAL COVER REMOVER	Lanyard with suction cup for opening of the optics								910403205603

Footnote explanations: see page 234



CoreLine Panel

Application

- + Offices, passages, ancillary rooms, reception and meeting areas, sales rooms, showrooms, hotels, healthcare, retirement homes



About the luminaire

CoreLine Panel are highly efficient recessed luminaires for modular ceilings. Fulfils the CoreLine promise – innovative, easy to install and high quality. For new buildings and refurbishments, wide-area panel lights are often used to provide high-quality lighting and save considerable energy and maintenance costs thanks to their high efficiency and long service life.

The CoreLine Panel is available in two versions: office-compliant (OC) panel with integrated, wide beam microprismatic optic and an opal panel (NOC).

CoreLine panels can be flexibly integrated into the Interact Pro system as Interact Pro Ready luminaires.

CoreLine Panel LED recessed luminaires can also be used to replace conventional fluorescent luminaires. They can be installed very quickly and easily.

All CoreLine Panel units may be utilised as recessed, flush-mount and suspended luminaires with additional accessories.

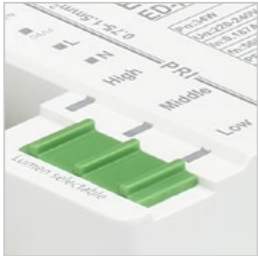
The All-in CoreLine Panels have integrated light colour (3-in-1) and luminous flux (3-in-1) switches so that 9 light settings are possible with a single product. This guarantees top flexibility at the point of installation.



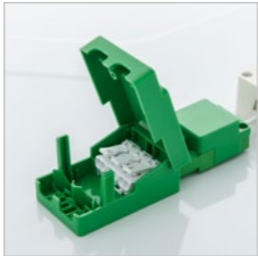
Philips CoreLine Panel OC with wide-beam, office-compliant micro-prismatic optic. Compliant with EN12464-1: L65° < 3,000 cd/m² and UGR_R 19.



All-in versions: Integrated CCT slide switch allows easy selection of three colour temperatures (3,000 – 3,500 – 4,000 K).



All-in versions: Integrated lumen slide switch enables simple selection of three luminaire luminous flux levels.



All-in versions: QuickConnector, suitable for through-wiring, ensures particularly fast and easy installation: connect the cable first without the luminaire, then simply click socket and plug together.



Standard versions: With plug-in terminal, suitable for through-wiring.

BEG

✓

CE

RC 133V G5

All-in, BN, WIA:

RC133V G5 PSED

RC132V G5 (All-in):

IP20

IK02

EPD

05

IP20

ceiling side;

IP44

room side

IK03

50,000 h (L90)

Average lifetime

100,000 h (L80/L75)

Warranty

in years

5

up to 141 lm/W

BETTER

At a glance

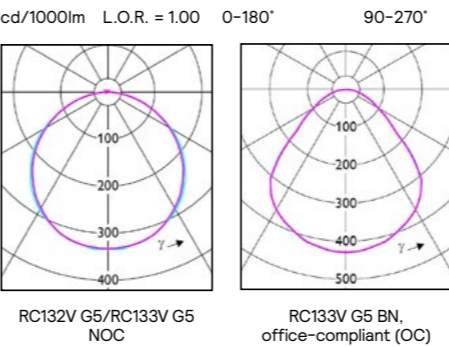
Advantages

- + Wide-area, comfortable, pleasant light
- + Simple and quick installation
- + Energy savings of up to 66% as compared to usual luminaires
- + Office-compliant CoreLine Panel OC: with optimised, wide beam light distribution for offices
- + All-in version with 9 light options enables flexible light adjustment on site: before or after installation
- + Optional accessories for recessed and surface-mounted ceilings and suspended mounting

Features

- + Flat square and line light for ceiling systems with visible support profiles
- + With all-round aluminium frame, painted white (similar to RAL 9003)
- + Top efficiency: up to 141 lm/W
- + Two versions: OC – office-compliant per EN 12464-1: UGR_R 19; L65° < 3,000 cd/m²) and NOC – opal: UGR_R 22
- + All-in version: MultiColour/MultiLumen 9-in-1: Three light colours and three luminaire luminous flux levels, configurable in a single luminaire
- + With a switchable (PSU), DALI-Controlled (PSD) or DC- and emergency lighting-ready DALI-controllable control gear (PSED) or Interact Pro wireless connectivity, Bluetooth- and ZigBee-compatible control gear (WIA)
- + With QuickConnector (All-in) or plug-in connection terminal for very quick installation, suitable for further wiring

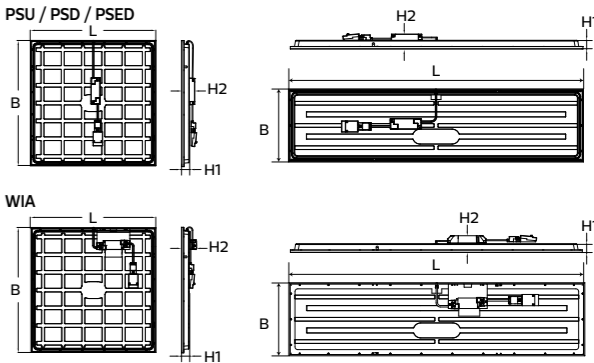
Light distribution curves



Dimensions and weight

Dimensions in mm

	Module	Version	Control unit	L (mm)	B (mm)	H1 (mm)	H2 (mm)	Weight (kg)
RC132V	600	W60L60	PSU	595	595	37	63	2,2
			PSD			37	68	2,2
			WIA			-	70	2,3
		W30L120	PSU	1195	295	37	63	2,3
			PSD			37	68	2,3
			WIA			-	70	2,4



CoreLine Panel



Product name	Replacement for T5/T8*	lm ²	W ³	lm/W ⁴	K ⁶	UGR _r	Dim- mable ⁸	L x W x H (mm)	12NC
Recessed luminaire, All-in, MultiColour/MultiLumen 9-in-1, square, office-compliant, with switchable control gear (PSU)									
RC132V G6 29_36_43S/830_40 PSU W60L60 OC	4x 14/18 W	3,000 K: 2,900/3,350/4,000	22/ 26/31	132/ 129/129	3,000/3,500/ 4,000 ¹	19	–	595 x 595 x 37/62 ²	911401891185
		3,500 K: 3,100/3,600/4,300	22/ 26/31	141/ 138/139					
		4,000 K ¹ : 3,100/3,600 ¹ /4,300	22/ 26/31	141/ 138/139					
RC132V G6 29_36_43S/830_40 PSU W60L60 NOC	4x 14/18 W	3,000 K: 2,900/3,350/4,000	22/ 26/31	132/ 129/129	3,000/3,500/ 4,000 ¹	22	–	595 x 595 x 37/62 ²	911401801287
		3,500 K: 3,100/3,600/4,300	22/ 26/31	141/ 138/139					
		4,000 K ¹ : 3,100/3,600 ¹ /4,300	22/ 26/31	141/ 138/139					
Recessed luminaire, All-in, MultiColour/MultiLumen 9-in-1, square, office-compliant, with DALI-controlled control gear (PSD)									
RC132V G6 29_36_43S/830_40 PSD W60L60 OC	4x 14/18 W	3,000 K: 2,900/3,350/4,000	22/ 26/31	132/ 129/129	3,000/3,500/ 4,000 ¹	19	DALI	595 x 595 x 37/62 ²	911401891285
		3,500 K: 3,100/3,600/4,300	22/ 26/31	141/ 138/139					
		4,000 K ¹ : 3,100/3,600 ¹ /4,300	22/ 26/31	141/ 138/139					
RC132V G6 31_36_43S/940 PSD W60L60 OC	4x 24 W	3,100/3,600/4,300	38;26	119;113	4,000	19	DALI	595 x 595 x 37/62 ²	911401801787
Recessed luminaire, All-in, MultiColour/MultiLumen 9-in-1, linear, office-compliant, with DALI-controlled control gear (PSD)									
RC132V G6 29_36_43S/830_40 PSDW30L120 OC	1x 28/36/54 W	3,000 K: 2,900/3,350/4,000	22/ 26/31	132/ 129/129	3,000/3,500/ 4,000 ¹	19	DALI	1,195 x 295 x 37/62 ²	911401801187
		3,500 K: 3,100/3,600/4,300	22/ 26/31	141/ 138/139					
		4,000 K ¹ : 3,100/3,600 ¹ /4,300	22/ 26/31	141/ 138/139					
Recessed luminaire, square, office-compliant, with switchable control gear (PSU)									
RC132V G6 34S/830 PSU W60L60 NOC	4x 14 /18 W	3,400	26	131	3,000	19	–	595 x 595 x 62	911401807587
RC132V G6 34S/830 PSU W60L60 OC		3,400	26	131	3,000	19	–	595 x 595 x 63	911401807687
RC132V G6 36S/840 PSU W60L60 NOC		3,600	26	138	4,000	22	–	595 x 595 x 62	911401890285
RC132V G6 36S/840 PSU W60L60 NOC IP65_20		3,600	26	138	4,000	19	–	595 x 595 x 65	911401891585
RC132V G6 36S/840 PSU W60L60 OC		3,600	26	138	4,000	25	–	595 x 595 x 63	911401890585
RC132V G6 36S/840 PSU W60L60 OC BN		3,600	26	138	4,000	19	–	595 x 595 x 61	911401800687
RC132V G6 36S/840 PSU W60L60 OC BN6		3,600	26	138	4,000	19	–	595 x 595 x 61	911401800887
RC132V G6 36S/UE840 PSU W60L60 NOC		3,600	22.5	160	4,000	22	–	595 x 595 x 62	911401800087
RC132V G6 36S/UE840 PSU W60L60 OC		3,600	22.5	160	4,000	22	–	595 x 595 x 63	911401800187
RC132V G6 43S/840 PSU W60L60 NOC BN		4x 24 W	4,300	31	139	4,000	22	–	595 x 595 x 60
RC132V G6 43S/840 PSU W60L60 OC BN	4,300		31	139	4,000	19	–	595 x 595 x 61	911401806987
RC132V G6 48S/940 PSU W60L60 OC IP65	4,800		45	107	4,000	19	–	595 x 595 x 78	911401891785
RC132V G6 50S/840 PSU W60L60 OC BN	5,000		38	132	4,000	22	–	595 x 595 x 61	911401807187
RC132V G6 50S/940 PSU W60L60 NOC IP65	5,000		45	111	4,000	19	–	595 x 595 x 78	911401891685
Recessed luminaire, square, office-compliant, with DALI-controlled control gear (PSD)									
RC132V G6 36S/840 PSD W60L60 OC	4x 14/18 W	3,600	26	138	4,000	19	DALI	595 x 595 x 63	911401890885
RC132V G6 36S/UE840 PSD W60L60 OC		3,600	23.5	153	4,000	19	DALI	595 x 595 x 63	911401800287
RC132V G6 48S/940 PSD W60L60 OC IP65	4x 24 W	4,800	45	107	4,000	19	DALI	595 x 595 x 78	911401891885
RC132V G6 50S/840 PSD W60L60 OC		5,000	38	132	4,000	19	DALI	595 x 595 x 63	911401800387
Recessed luminaire, linear, office-compliant, with switchable control gear (PSU) or DALI-controlled control gear (PSD)									
RC132V G6 36S/840 PSU W30L120 NOC	1x 28/36/54 W	3,600	26	138	4,000	19	–	1195 x 295 x 62	911401890485
RC132V G6 36S/840 PSU W30L120 OC		3,600	26	138	4,000	19	–	1195 x 295 x 63	911401890785
RC132V G6 36S/840 PSD W30L120 OC		3,600	26	138	4,000	22	DALI	1195 x 295 x 62	911401891085

Footnote explanations: see page 234

Product name	Replacement for T5/T8*	lm ²	W ³	lm/W ⁴	K ⁶	UGR _R	Dim- mable ⁸	L x W x H (mm)	12NC
Recessed luminaire, square, module 600; office-compliant, dimmable, Bluetooth and ZigBee wireless connectivity (WIA)									
RC132V G6 34S/830 WIA W60L60 OC	4 × 14/18 W	3,400	26	131	3,000	19	Yes	595 x 595 x 70	911401802187
RC132V G6 36S/840 WIA W60L60 OC		3,600	26	138	4,000	19	Yes	595 x 595 x 70	911401802287
RC132V G6 36S/UE840 WIA W60L60 OC		3,600	23.5	153	4,000	19	Yes	595 x 595 x 70	911401807287
RC132V G6 40_43S/830_40 WIA W60L60 OC		4,000; 4,300	31	139;129	3,000; 3,500; 4,000	19	Yes	595 x 595 x 70	911401807387
RC132V G6 43S/840 WIA W60L60 OC		4,300	31	139	4,000	19	Yes	595 x 595 x 70	911401802487
RC132V G6 40S/830 SIA W60L60 OC IA4		4,000	32	126	3,000	19	Yes	595 x 595 x 73	910505102803
RC132V G6 43S/840 SIA W60L60 OC IA4		4,300	32	132	4,000	19	Yes	595 x 595 x 73	910505102802
Recessed luminaire, linear, module 600; office-compliant, dimmable, Bluetooth and ZigBee wireless connectivity (WIA)									
RC132V G6 36S/840 WIA W30L120 OC	1 × 28/36/54 W	3,600	26	138	4,000	19	Yes	1195 x 295 x 70	911401802887
RC132V G6 40_43S/830_40 WIA 30x120 OC		4,000; 4,300	31	139;129	3,000; 3,500; 4,000	19	Yes	1195 x 295 x 70	911401807487
RC132V G6 43S/840 SIA W30L120 OC IA4		4,300	32	132	4,000	19	Yes	1195 x 295 x 73	910505104636

CoreLine Panel Accessories

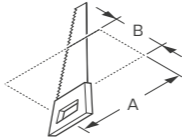
Recessed installation:

With optional recessed mounting clips for quick and easy installation in cut-out ceilings.



RC159Z Plaster Ceiling SMB-PLC

Ceiling cut-out	A (mm)	B (mm)
W60L60	580	580
W30L120	1,180	280



Surface-mounted installation:

With an optional surface-mounted frame made of white painted aluminium (similar to RAL 9003), designed for quick and easy assembly. The resulting surface-mounted luminaire has a height of 79 mm. The frame for rectangular versions is designed to allow continuous row ("light-line") installation of multiple luminaires.



RC159Z SMB W60L60
RC159Z SMB W30L120

Pendant installation:

With optional suspension set. Tool-free, continuously height-adjustable.



RC159Z Suspension set SME-3 WH
RC159Z Suspension set SME-4 WH

Accessories

Product name	Description	12NC
Clamps for installation in sawn ceilings – set of 4 clamps for one luminaire		
RC159Z Plaster Ceiling SMB-PLC	Installation clamps	911401809287
Mounting frame made of aluminium, painted white (similar to RAL 9003)		
RC159Z SMB W60L60	Aluminium ceiling mounting frame (plug-in), painted white, for all W60L60 versions, frame height: 79 mm	911401807787
RC159Z SMB W30L120	Aluminium ceiling mounting frame (plug-in), painted white, for all W30L120 versions, frame height: 79 mm	911401807987
Single Cable Suspension with ceiling canopy incl. connection cable; tool-free, stepless height adjustment; max. suspension length: 1.50 m		
RC159Z Suspension set SME-2 WH	Triangular wire suspension set with 2-core electrical connection cable for SlimBlend Gen2	911401809587
RC159Z Suspension set SME-3 WH	Triangular wire suspension set with 3-core electrical connection cable for Interact Pro Ready (SEIA and WIA), SlimBlend Gen2	911401809487
RC159Z Suspension set SME-4 WH	Triangular wire suspension set with 4-core electrical connection cable for DALI-dimmable (PSD and DEIA), SlimBlend Gen2	911401809387
Safety accessories for luminaires		
RC159Z Safety Cable	Steel safety cable for additional securing of suspended or ceiling-mounted luminaires	911401809187
Decorative elements for luminaires – set of 5 pieces		
RC159Z Deco Double Circle W60L60 (5pcs)	Decorative double-circle element set for SlimBlend Gen2 W60L60 luminaires.	912401483527
RC159Z Deco Square W60L60 (5pcs)	Decorative square element set for SlimBlend Gen2 W60L60 luminaires.	912401483525
RC159Z Deco Double Square W60L60 (5pcs)	Decorative double-square element set for SlimBlend Gen2 W60L60 luminaires.	912401483526

Suspended and surface-mounted luminaire



Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



myCreation Essential

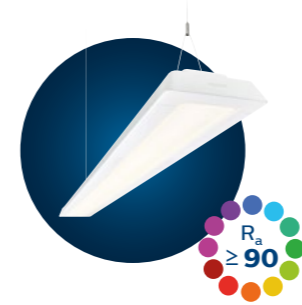
3D-printed for individual design

- + 3D-printed polycarbonate housing (min. 55% recycled)
- + Individually developed with modern colours and textures
- + Three sizes up to 8,000 lm
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant or opal optic
- + Up to 152 lm/W
- + Optionally with integrated, wirelessly controlled light control system – Interact Pro
- + 5-year warranty

TrueLine suspended and surface-mounted luminaire

Elegant, slimline and top efficient

- + Light family (55 mm slim) made of natural anodised, white or black painted aluminium
- + With a colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Office-compliant, opal or asymmetrical optic
- + Up to 141 lm/W
- + NEW: Ultraefficient /840: up to 185 lm/W
- + Standalone and line lights as well as dual-length luminaires
- + Optionally with integrated, wirelessly controlled light control system – Interact Pro
- + Optionally with the TunableWhite light colour adjustment system
- + 5-year warranty



FlexBlend suspended and surface-mounted luminaire

Efficient light – brilliant and comfortable

- + Luminaire family with standalone and line lights
- + Office-compliant or opal optic
- + Up to 140 lm/W
- + Colour rendering value of $R_a \geq 90$ for excellent light quality and comfort
- + Housing colours: white, silver-grey and black
- + Optionally with integrated, wirelessly controlled light control system – Interact Pro
- + 5-year warranty



Maxos fusion Office

Office lighting combined with the advantages of light strip

- + Combination of advantages offered by the Maxos fusion light strip (unique power supply, completely free positioning of the luminaires on the light strip) with an office workstation-compatible luminaire with a share of indirect light
- + Conforms to all office workstation lighting requirements
UGR_R 16; L65° ≤ 3,000 cd/m²
- + Direct and indirect light distribution (82%–18%) for a comfortable atmosphere
- + Two lengths and luminous flux packages: 1.20 m with 4,500 lm and 1.50 m with 5,600 lm
- + Up to 144 lm/W
- + 5-year warranty



CoreLine FastSet surface-mounted luminaire

Compact IP44 all-rounder – quickly installed

- + Luminaire available in any of three lengths for varied installation modes
- + Including for applications requiring a higher protection class
- + All-in version: MultiColour/MultiLumen 8-in-1 – two light colours and four light beams in each luminaire, flexible for any application
- + Opal-prismatic cover with a minor indirect component
- + Up to 155 lm/W
- + May also be used as a line light (with integrated Through-Wiring)
- + Optionally with integrated, wirelessly controlled light control system – Interact Pro
- + Can optionally be transformed into a suspended luminaire using accessories
- + 5-year warranty



CoreLine surface-mounted luminaire

Functional light – MultiLumen and quick to install

- + Compact luminaire for many areas of application
- + All-in version: MultiLumen 3-in-1 – three beams in every luminaire, flexible for every application
- + Microprismatic optics for comfortable light in office spaces (office-compliant) and in auxiliary rooms
- + Up to 160 lm/W
- + Simple and quick installation using the QuickConnector
- + 5-year warranty

BEST

BEST

BETTER

myCreation Essential

Application

+ Offices, meeting rooms, reception areas, sales rooms, communal areas

3D-printed luminaires:

+ Individually manufactured

+ Try our 3D configuration tool:

www.pro.mycreation.signify.com/en-eur/lighting-solutions/essential

+ More information on the benefits of 3D-printed luminaires can be found on page 24



Further product
information



Mounting
instructions

About the luminaire

With a wide range of colours and textures, the Essential range blends seamlessly into any interior while providing functional lighting that meets office lighting requirements. With a colour rendering index of $R_a > 90$, the Essential series meets the highest standards of light quality.

The Essential series is available in 3 sizes and can be mounted in different ways: Ceiling recessed, ceiling or wall surface-mounted as well as suspended mounting. An insert frame for ceiling systems with visible

support profiles is also available for ceiling installation (VPC version | Visible Profile Ceiling) for simple installation and perfect rimless ceiling integration.

Create the Essential luminaire that exactly matches your needs. With at least 55% recycled polycarbonate, it is the perfect choice for your contribution to the circular economy.

Opt for this lighting solution without compromising on style, performance, functionality or sustainability.



Suspended luminaire (P) with steel line for suspension heights from 1 m to 2.8 m



Surface-mounted luminaire (S) with mounting ring with bayonet catch for easy installation



Recessed luminaire (R) for sawed ceilings



Recessed luminaire for ceiling systems with visible support profile. Consists of luminaire (RF) and insert frame for module 600, which must be ordered separately.



50,000 h (L90)
Average lifetime
100,000 h (L80)



up to 152 lm/W

BETTER/BEST

At a glance

Advantages

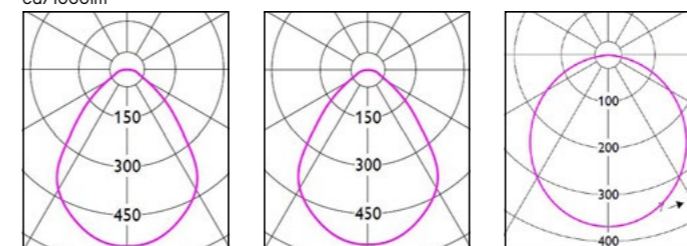
- + A broad palette of colours and textures
- + 3 sizes and 4 mounting types (suspended luminaire - direct beam, surface-mounted luminaire, recessed luminaire and insert light)
- + Optionally with insert frame for ceiling systems with visible support profiles (VPC version)
- + Best efficiency, glare control and comfort thanks to the brilliant office-compliant MXO-OC optic (Micro Lens Hexagonal Office-compliant optics)
- + Various control gear for switchable, DALI-dimmable or wireless networked control via the Signify Interact Pro system
- + Also available with sensor for motion detection and daylight dimming for wireless control (Interact Pro)
- + Optionally with 3h single battery for emergency lighting

Features

- + Three optics:
 - MXO OC - office-compliant per EN12464-1 ($UGR_R 19$; $L65^\circ \leq 3,000 \text{ cd/m}^2$)
 - MXO - $UGR_R 22$
 - PCO - Opal cover
- + Luminaire luminous flux of 1,800 - 8,000 lm (depending on the luminaire size and optics)
- + Luminaire luminous efficacy of 118 - 152 lm/W
- + Colour rendering index $R_a > 90$
- + Colour temperatures 3,000 K and 4,000 K
- + Average lifetime of 100,000 hours (L80)
- + For inset installation in ceiling systems with visible support profiles, two special luminaires are available (RF) as well as separately available inset frames for the module 600.

Light distribution curves

cd/1000lm



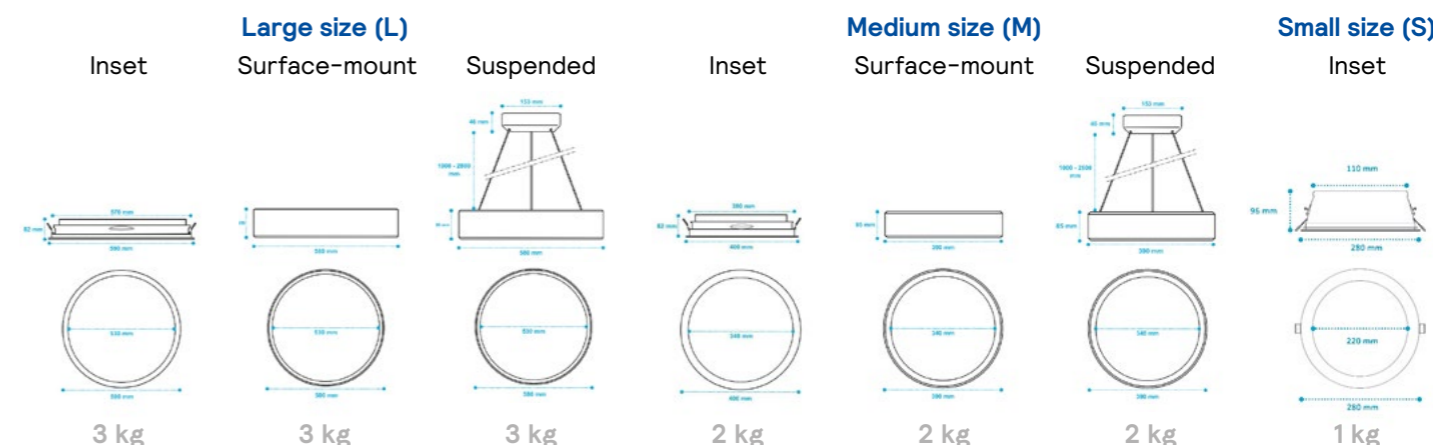
MXO OC - office-compliant ($UGR_R 19$)

MXO ($UGR_R 22$)

Opal optics (O/PCO)

Dimensions and weight




Dimensions in mm



myCreation Essential



Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	UGR _R	Dimmable ⁸	Ø x H (mm)	12NC
 Suspended luminaire, direct beam, office-compliant optic, with DALI-Controlled Interact Pro Ready control gear, white								
TCBRLP 46S/930 DIA OC WH401T102 WH	4,400	34.5	128	3,000	19	DALI	580 x 85	Configurator
TCBRLP 46S/940 DIA OC WH401T102 WH	4,600	34.5	133	4,000	19	DALI	580 x 85	Configurator
TCBRMP 19S/930 DIA OC WH401T102 WH	1,820	15.4	118	3,000	19	DALI	390 x 85	Configurator
TCBRMP 19S/940 DIA OC WH401T102 WH	1,890	15.4	123	4,000	19	DALI	390 x 85	912500108730
 Surface-mounted luminaire, office-compliant optic, with DALI-Controlled Interact Pro Ready control gear, white								
TCBRLS 46S/930 DIA OC WH401T102	4,400	34.5	128	3,000	19	DALI	580 x 85	Configurator
TCBRLS 46S/940 DIA OC WH401T102	4,600	34.5	133	4,000	19	DALI	580 x 85	912500108724
TCBRMS 19S/930 DIA OC WH401T102	1,820	15.4	118	3,000	19	DALI	390 x 85	Configurator
TCBRMS 19S/940 DIA OC WH401T102	1,890	15.4	123	4,000	19	DALI	390 x 85	912500108728
 Recessed luminaire, office-compliant optic, with DALI-Controlled Interact Pro Ready control gear, white								
TCBRLR 46S/930 DIA OC WH401	4,400	34.5	128	3,000	19	DALI	580 x 85	912500108785
TCBRLR 46S/940 DIA OC WH401	4,600	34.5	133	4,000	19	DALI	580 x 85	Configurator
TCBRMR 19S/930 DIA OC WH401	1,820	15.4	118	3,000	19	DALI	390 x 85	912500108783
TCBRMR 19S/940 DIA OC WH401	1,890	15.4	123	4,000	19	DALI	390 x 85	Configurator

Footnote explanations: see page 234

Configuration guide



Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Installation type	Closest Colour Temperature	Luminous Flux	Optics	Colour		Texture	Control gear	Emergency lighting	Electrical connection	Ceiling canopy colour		
Essential Small BR-S	Inset R	3,000 K (R _a > 90) 930 4,000 K (R _a > 90) 940	900 lm 9S ¹ 1,800 lm 18S ² 2,000 lm 20S ³ 3,000 lm 30S ³ 4,000 lm 40S ³	MXO OC UGR19 ¹ MXO UGR22 ¹	Satin white (RAL 9003) WH401 Satin grey (RAL 9006) GR402 Satin black (RAL 9004) BK402			Switchable DALI Interact Wireless Interact Sensor SNS210 Sensor SC1500	No emergency lighting TrustSight Pro 3h ELP3 TrustSight DALI 3h ELD3 ¹ TrustSight Interact 3h ELW3 ²	No cable EW – 0.5 m cable (Eca class) GST18/3 M WIELAND with fuse link ¹ EWD – 0.5 metre cable (Eca-class) GST18/3 M WIELAND with fuse link + 0.5 metre cable (Eca class) BST14 M ^{1,2} BW – 0.5 metre cable (B2ca class, halogen-free) GST18/3 M WIELAND with fuse link BWD – 0.5 metre cable (B2ca class, halogen-free) GST18/3 M WIELAND with fuse + 0.5 metre cable (B2ca class) BST14 M ² EWP – 0.5 metre cable (Eca class) GST18/3 M WIELAND with fuse + GST18I3F B2 ZR1 SW plug for Through-Wiring ^{1,3} BWP – 0.5 metre cable (B2ca class, halogen-free) GST18/3 M WIELAND with fuse + GST18I3F B2 ZR1 SW plug connector for Through-Wiring. ³	White Black Luminaire colour		
Essential Medium BR-M	Ceiling flush mount S		1,900 lm 19S ¹ 3,000 lm 30S ² 3,400 lm 34S ³		Satin Bronze BZ410 Satin Brass BS410 Satin Cappuccino BR401 Satin white (RAL 9003) WH401 Satin grey (RAL 9006) GR402 Satin black (RAL 9004) BK402	Triangle T305 Quilted T430 Crinkled T432 Dunes T404 Frost T304 Fine layered T102	Switchable DALI Interact Wireless Interact Sensor SNS210 Sensor SC1500	No emergency lighting TrustSight Pro 3h ELP3 TrustSight DALI 3h ELD3 ¹ TrustSight Interact 3h ELW3 ²					
	Wall surface-mounted W		1,200 lm 12S ³ 2,000 lm 20S ³ 3,200 lm 32S ³										
	Suspended P												
	Inset R		1,900 lm 19S ¹ 4,200 lm 42S ² 4,800 lm 48S ³						Satin white (RAL 9003) WH401 Satin grey (RAL 9006) GR402 Satin black (RAL 9004) BK402				No emergency lighting TrustSight Pro 3h ELP3 TrustSight DALI 3h ELD3 ¹ TrustSight Interact 3h ELW3 ²
	Insert for ceiling systems with visible load-bearing profile * RF												
Essential Large BR-L	Ceiling flush mount S		4,600 lm 46S ¹ 5,000 lm 50S ³	Opal cover PCO	Satin Bronze BZ410 Satin Brass BS410 Satin Cappuccino BR401 Satin white (RAL 9003) WH401 Satin grey (RAL 9006) GR402 Satin black (RAL 9004) BK402	Triangle T305 Quilted T430 Crinkled T432 Dunes T404 Frost T304 Fine layered T102	Switchable DALI Interact Sensor SNS210 Sensor SC1500	No emergency lighting TrustSight Pro 3h ELP3 TrustSight DALI 3h ELD3 ¹ TrustSight Interact 3h ELW3 ²					
	Wall surface-mounted W		3,000 lm 30S ³ 4,000 lm 40S ³ 5,000 lm 50S ³										
	Suspended P												
	Inset R		4,600 lm 19S ¹ 7,000 lm 42S ² 8,000 lm 48S ³						Satin white (RAL 9003) WH401 Satin grey (RAL 9006) GR402 Satin black (RAL 9004) BK402				No emergency lighting TrustSight Pro 3h ELP3 TrustSight DALI 3h ELD3 ¹ TrustSight Interact 3h ELW3 ²
	Insert for ceiling systems with visible load-bearing profile * RF												
	*Insert frame must be ordered as accessory piece (BR-L insert frame module 600, 2 pcs.)		¹ only for MXO OC optics ² only for MXO optics ³ only for PCO optics	¹ not for wall mounting			¹ not for wall mounting	¹ possible in combination with DIA control gear ² possible in combination with IA4, IA5 sensor	¹ not in combination with emergency lighting ² possible in combination with DIA control gear ³ possible in combination with WIA control gear				



TrueLine suspended and surface-mounted luminaire

Application


- + General lighting for office spaces, corridors and entrance areas



Circular ready = particularly sustainable (see page 13)



TunableWhite





About the luminaire

Philips TrueLine is a very slim, versatile LED product family comprising suspended, surface-mounted and recessed luminaires.

At just 55 mm in height, the luminaires made of natural anodized aluminium combine maximum efficiency – thanks to state-of-the-art LED and optical technology (up to 141 lm/W with colour rendering $R_a > 90$) – with an elegant appearance that allows discreet integration into any architectural setting. White or black painted versions are also available on request.

These high-efficiency luminaires are offered with a office-compliant optic, a uniformly illuminated opal optic – frequently used in corridors – or with an

asymmetric optic. In addition to single luminaires, double-length versions with a single-piece optic and continuous-line systems that can be assembled into slim light lines are available. TrueLine is optionally compatible with the wireless, automated lighting system Interact Pro, enabling greater comfort and additional energy savings.

Luminaires with Tunable White colour adjustment are also available for Personal Light solutions or for integration into NatureConnect.

New ultra-efficient versions in 4,000 K (neutral white) with colour rendering $R_a > 80$ achieve luminaire efficacies of up to 185 lm/W.



Optionally also available in white painted (similar to RAL 9003) and opal optics



Optionally with integrated Interact Pro light control (SIA U4)



Line-light systems with optically continuous light



Optionally also available painted black (similar to RAL 9004)



50,000 h (L90)
Average lifetime
100,000 h (L80)



up to 185 lm/W **BEST**

At a glance

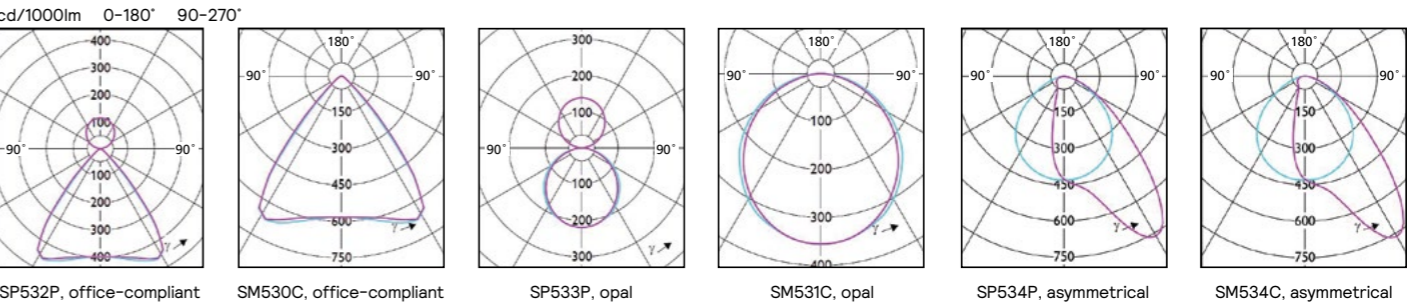
Advantages

- + Elegant design: only 55 mm thin and 88 mm high
- + Optics for computer workstations and general rooms
- + Very high luminaire efficiency (up to 185 lm/W) and very long lifetime – high energy savings, low maintenance
- + The office-compliant luminaires (SP530P/SM530C) are also available as ultra-efficient versions with up to 185 lm/W (UE840)

Features

- + Direct-indirect (70%-30%) and direct beam
- + Three types of optics: Saturated for computer workstations UGR_R19 ; $L65^\circ \leq 3,000 \text{ cd/m}^2$) and opal for general applications: both give a very even, covering light; asymmetrical optics for wall or school board lighting
- + Standalone and line lights to create optically continuous line-light systems
- + Varied lengths up to 2.8 m (double length)
- + Diverse luminaire beam values
- + Housing in aluminium or aluminium coated white (RAL 9003) or black (RAL 9004)
- + Switchable and adjustable control gears
- + Future-proof: automated, wirelessly connected Interact Pro control system (motion-activated and daylight-dependent adjustment and switching)

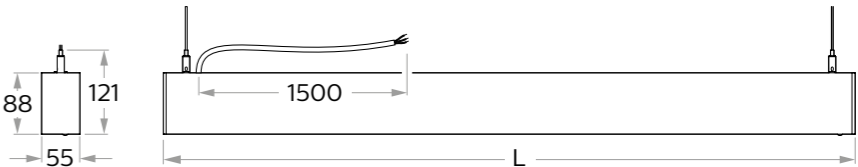
Light distribution curves



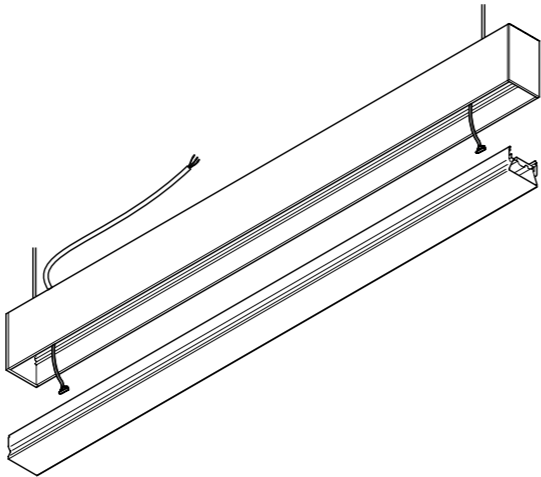
Dimensions and weight

Dimensions in mm

	Length (mm)	Weight (kg)
L1130	1,130	2.8 – 3.2
L1170	1,170	3.0 – 3.4
L1410	1,409	3.3 – 3.8
L1450	1,449	3.5 – 3.9
L2250	2,253	5.5 – 6.1
L2290	2,294	5.7 – 6.3
L2810	2,814	6.6 – 7.2
L2850	2,854	6.8 – 7.4



TrueLine suspended luminaire



Further product information
TrueLine
(suspended)



Mounting instructions
TrueLine
(suspended)



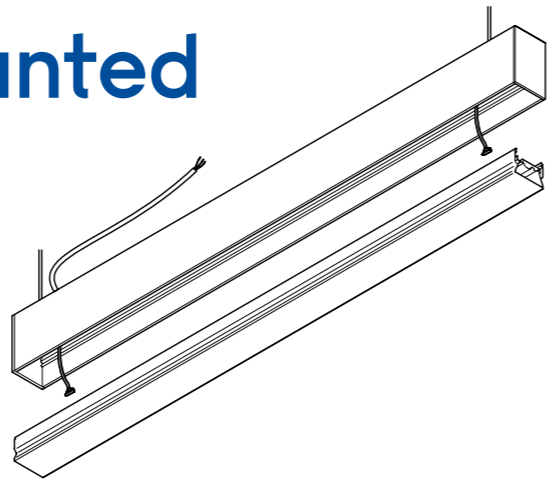
You may configure product online directly in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Luminous flux (lm)		Length	Light source color	Control gear	LED board	Integrated sensor	Light Line Configuration	Mounting	Housing colour	Emergency lighting
Direct OC¹ SP530P	2 feet		2 feet (Standard length)	Neutral White 4,000 K (CRI>80)	DALI Interact central EL	Default	No	Basic version – Stand alone luminaires	Suspension set, 2 wire with ceiling cup & power cable	Aluminium	No
	750 7S^{3, 5, 6}	1,050 10S¹	L570^{1, 2, 3}	840¹	DEIA	NA	N	BV	SM2¹	ALU	N
	1,250 12S⁴	1,700 17S²	4 feet (Standard length)								
	1,800 18S¹	2,450 24S¹	L1130¹								
Direct NOC² SP531P	4 feet		4 feet (Alternative length)	BioUp Cyan Enhanced Spectrum 4,000 K (CRI80)	Interact SR wireless + DC EL	Ultra Efficient	Upgradeable Mainstream Sensor Bundle + (SC200)	Line Start (with endcaps & powercable)	Suspension set 2 wire for T-profile	White (RAL9003)	
	1,500 15S^{6, 10}	2,160 21S⁸	L1170⁴	BU840²	SEIA¹	UE¹	U4¹	LS	SM2T	WH	
	2,440 24S⁷	2,500 25S¹⁰	5 feet (Standard length)				Upgradeable Mainstream Sensor Bundle + (SC1500)	Next in line (without endcaps & power cable)	Suspension wire set, 2 wire	Black (RAL9004)	
	3,400 34S⁹	3,600 36S⁸	L1410¹				U5²	LN	SW2	BK	
Direct / Indirect OC¹ SP532P	5 feet		5 feet (Alternative length)	Warm White 3,000 K (CRI>90)				Next in line (with power cable, without endcaps)			
	1,900 19S¹⁴	2,900 29S¹²	L1450⁴	930				LNP¹			
	3,100 31S¹⁴	3,300 33S¹¹	8 feet (Standard length)	Neutral White 4,000 K (CRI>90)							
	4,300 43S¹³	4,750 47S¹²	L2250¹	940							
Direct / Indirect NOC² SP533P	8 feet		8 feet (Standard length)	Tunable white 2,700 – 6,500 K (CRI90)				Line End Note: LE just to end the line (last luminaire in a line), powercable-only for suspended			
	5,000 50S¹³	5,400 54S^{5, 11}	L2290⁴	TW927-965³				LE²			
	6,600 66S¹²	7,700 77S¹²	10 feet (Standard length)								
			L2810^{1, 5}								
Direct Assymetrical SP534P	10 feet		10 feet (Standard length)								
	3,800 38S^{6, 21}	5,800 58S²⁰	L2850⁴								
	6,200 62S²¹	6,600 66S¹⁹									
	8,600 86S²²	9,000 90S¹⁹									
	9,400 94S²⁰	11,000 110S²⁰									
¹ OC – Office-compliant (suitable for computer workstations)	¹ For Direct / Indirect OC		¹ Not with sensor	¹ Only for UE	¹ Only for sensor, not for SP534P	¹ Only for 840; only for SP530P	¹ With SIA & SEIA	¹ Only for the 11th luminaire in the line; not for PoE	¹ Not for LN		
² Not Office-compliant (not suitable for computer workstations)	² For Direct OC		² Not for Asym, only for LE	² Only for SP530P & SP531P			² With SEIA	² Just for L570 (without power cable); not for TW9			
	³ For Direct OC & NOC		³ Not for TW9, BU840	³ Only for DIA/DEIA, only for SIA with U4 & SEIA with U4/U5							
	⁴ For Direct OC, NOC; Direct / Indirect NOC		⁴ With sensor, not for Asym								
	⁵ Not for PoE		⁵ Just for Alu								
	⁶ Not for UE										
	⁷ Only L1130/1170 Direct / Indirect NOC										
	⁸ Only L1130/1170 Direct / Indirect OC										
	⁹ Only L1130/1170 Direct OC & Asym.										
	¹⁰ Only L1130/1170 Direct; OC & NOC										
	¹¹ Only L1410/1450 Direct / Indirect NOC										
	¹² Only L1410/1450 Direct / Indirect OC										
	¹³ Only L1410/1450 Direct OC and Asym.										
	¹⁴ Only L1410/1450 Direct; OC & NOC										
	¹⁵ Only L2250/L2290 Direct / Indirect NOC										
	¹⁶ Only L2250/L2290 Direct / Indirect OC										
	¹⁷ Only L2250/L2290 Direct / Indirect OC										
	¹⁸ Only L2250/L2290 Direct OC & NOC										
	¹⁹ Only L2250/L2290 Direct OC and Asym.										
	²⁰ Only L2810/L2850 Direct / Indirect NOC										
	²¹ Only L2810/L2850 Direct / Indirect OC										
	²² Only L2810/L2850 Direct OC & NOC										
	²³ Only L2810/L2850 Direct OC and Asym.										

TrueLine surface-mounted luminaire



Further product information
TrueLine
(surface mounted)



Mounting instructions
TrueLine
(surface mounted)



You may configure product online directly in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Luminaire luminous flux (lm) *	Length	Light source color	Control gear	Integrated sensor	Light Line Configuration	Mounting	Housing colour	Emergency lighting ¹
Direct OC¹ SM530C	2 feet 750 7S^{1,3} 1,700 17S²	2 feet (Standard length) L570^{1, 2, 3}	Neutral White 4,000 K (CRI>80) 840¹	DALI Interact central EL DEIA	No N	Basic version – Stand alone luminaires BV	Standard, for surface mount N	Aluminium ALU	No N
	Direct NOC² SM531C	4 feet 1,500 15S^{3, 5} 3,400 34S⁴	4 feet (Standard length) L1130¹	BioUp Cyan Enhanced Spectrum 4,000 K (CRI80) BU840²	Upgradeable Mainstream Sensor Bundle + (SC200) U4¹	Line Start (with endcaps & powercable) LS		White (RAL9003) WH	Emergency Light Pro ELP3^{1, 2}
Direct Assymetrical SM534C	5 feet 1,900 19S^{3, 7} 4,300 43S⁶	4 feet (Alternative length) L1170⁴	4,000 K (CRI80) BU840²	DALI Interact system ready DIA	Upgradeable Mainstream Sensor Bundle + (SC1500) U5²	Next in line (without endcaps & power cable) LN		Black (RAL9004) BK	Emergency Light DALI ELD3^{1, 2}
	8 feet 3,000 30S^{3, 8} 6,800 68S⁹	5 feet (Standard length) L1410¹	Warm White 3,000 K (CRI>90) 930	Interact/Sensor ready wireless SIA¹		Next in line (with power cable, without endcaps) LNP		TrustSight DALI (3 hrs) Wireless Interact connected Networked (for IA Enterprise only) ELW3^{2, 3}	
	10 feet 3,800 38S^{3, 10} 8,600 86S¹¹	5 feet (Alternative length) L1450⁴	Neutral White 4,000 K (CRI>90) 940			Line End Note: LE just to end the line (last luminaire in a line), powercable-only for suspended LE¹			
		8 feet (Standard length) L2250¹	Tunable white 2,700 – 6,500 K (CRI90) TW927–965^{2, 3}						
		8 feet (Standard length) L2290⁴							
		10 feet (Standard length) L2810^{1, 5}							
		10 feet (Standard length) L2850⁴							
¹ OC – Office-compliant (suitable for computer workstations) ² Not Office-compliant (not suitable for computer workstations)	¹ For Direct OC & NOC ² For Direct OC ³ Not for UE ⁴ Only L1130/1170 Direct OC & Asym. ⁵ Only L1130/1170 Direct; OC & NOC ⁶ Only L1410/1450 Direct OC and Asym. ⁷ Only L1410/1450 Direct; OC & NOC ⁸ Only L2250/L2290 Direct OC & NOC ⁹ Only L2250/L2290 Direct OC and Asym. ¹⁰ Only L2810/L2850 Direct OC & NOC ¹¹ Only L2810/L2850 Direct OC and Asym.	¹ Not with sensor ² Not for Asym, only for LE ³ Not for TW9, BU840 ⁴ With sensor, not for Asym ⁵ Just for Alu	¹ Only for UE ² Not for SM534C ³ Only for DIA/DEIA, only for SIA with U4 & SEIA with U4/U5	¹ Only for sensor, not for SM534C	¹ With SIA & SEIA ² With SEIA	¹ Just for L570			¹ Only in L1450 with DIA ² Not for Asymmetric ³ Only in L1450 with SIA with U4

TrueLine suspended and surface-mounted luminaire

Technical data – Suspended

Product name	Replacement for T5/T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	UGR _r	Dim- mable ⁸	L x W x H (mm)	12NC
Suspended luminaire, direct-indirect beam (70%–30%), office-compliant optic, satinated, with adjustable DALI control gear (DEIA), length 1.13 m, housing: natural anodised aluminium									
SP532P 21S/940 DEIA SM2 L1130 ALU	1 x 28 W	2,100	16.4	132	4,000	16	DALI	1,130 x 55 x 88	Configurator
SP532P 36S/940 DEIA SM2 L1130 ALU	2 x 28/1 x 54 W	3,600	26.5	136	4,000	16	DALI	1,130 x 55 x 88	Configurator
SP532P 49S/930 DEIA SM2 L1130 ALU	2 x 54 W	4,950	38.5	136	4,000	16	DALI	1,130 x 55 x 88	Configurator
SP532P 58S/940 DEIA SM2 L1130 ALU		5,800	44.0	133	4,000	16	DALI	1,130 x 55 x 88	Configurator
Suspended luminaire, direct-indirect beam (65%–35%), office-compliant optic, satinated, with adjustable DALI control gear (DEIA), length 1.41 m, housing: natural anodised aluminium									
SP532P 29S/940 DEIA SM2 L1410 ALU	1 x 35 W	2,900	21.0	138	4,000	16	DALI	1,409 x 55 x 88	Configurator
SP532P 47S/940 DEIA SM2 L1410 ALU	1 x 58/49 W	4,700	34.0	138	4,000	16	DALI	1,409 x 55 x 88	Configurator
SP532P 66S/940 DEIA SM2 L1410 ALU	1 x 80 W	6,600	48.0	138	4,000	16	DALI	1,409 x 55 x 88	Configurator
SP532P 77S/930 DEIA SM2 L1410 ALU	2 x 58/49 W	7,700	60.0	128	3,000	16	DALI	1,409 x 55 x 88	Configurator
Suspended luminaire, direct-indirect beam (60%–40%), opal optics, with adjustable DALI control gear (DEIA), length 1.41 m, housing: natural anodised aluminium									
SP533P 33S/930 DEIA SM2 L1410 WH	1 x 35/1 x 49 W	3,300	29.5	112	3,000	22	DALI	1,409 x 55 x 88	910505103176
SP533P 54S/940 DEIA SM2 L1410 ALU	1 x 49–80/2 x 35 W	5,400	46.5	116	4,000	22	DALI	1,409 x 55 x 88	910505103186
Suspended luminaire, direct distribution, asymmetrical optic, satinated, with adjustable DALI control gear (DEIA), length 1.41 m, housing: natural anodised aluminium									
SP534P 50S/940 DEIA SM2 L1410 ALU	1 x 49 W	5,000	38.5	130	4,000	–	DALI	1,409 x 55 x 88	910505103184
Suspended luminaire, direct-indirect beam (65%–35%), office-compliant optic, satinated, with adjustable DALI control gear (DEIA), LS – line start (with coupling piece, endcaps and powercable), LN – next in line (with couling piece, without endcaps and powercable), LNP – next in line (with coupling piece and powercable, without endcaps), LE – line end (only for L570, without powercable)									
SP532P 29S/940 DEIA LS SM2 L1410 ALU	1 x 35 W	2,900	21.0	138	4,000	16	DALI	1,408 x 55 x 88	Configurator
SP532P 29S/940 DEIA LN SW2 L1410 ALU		2,900	21.0	138	4,000	16	DALI	1,406 x 55 x 88	Configurator
SP532P 29S/930 DEIA LNP SM2 L1410 ALU		2,900	21.0	138	4,000	16	DALI	1,406 x 55 x 88	Configurator
SP532P 47S/940 DEIA LS SM2 L1410 ALU	1 x 58 W/1 x 49 W	4,700	34.0	138	4,000	16	DALI	1,408 x 55 x 88	Configurator
SP532P 47S/940 DEIA LN SW2 L1410 ALU		4,700	34.0	138	4,000	16	DALI	1,406 x 55 x 88	Configurator
Suspended luminaire, direct-indirect beam (65%–35%), Interact Pro Ready, office-compliant, satinated optic, with dimmable Interact SensorReady wireless driver (SEIA) and Multi Sensor (U4), ZigBee wirelessly connected, housing: natural anodised aluminium									
SP532P 47S/940 SEIA U4 SM2 L1450 ALU	1 x 58/49 W	4,700	34.0	138	4,000	16	Yes	1,449 x 55 x 88	Configurator
SP532P 66S/940 SEIA U4 SM2 L1450 ALU	1 x 80 W	6,600	57.0	116	4,000	16	Yes	1,449 x 55 x 88	Configurator
Accessories for suspended luminaires									
ZZS400 OCR OPTICAL COVER REMOVER	Lanyard with suction cup to open the optics								910403205603

Note: Supplied with Single Cable Suspension (SM2) with ceiling canopy, electric connection terminals and a stainless steel sleeve on the ceiling side, incl. electrical connection cable

Footnote explanations: see page 234

Optional on request for suspended and surface-mounted luminaires:

- Luminaire length 1,130 mm (L1130)
 - Double-length luminaires (2.25 m and 2.81 m) with only two fixing points each and one-piece, continuous optics
- All luminaires also available as line-light system (LE1, LF1 and LF2)
 - Warm white light colour 3,000 K (/930)

Technical data – Surface-mounted luminaires

Product name	Replacement for T5/T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	UGR _r	Dim-mable ⁸	L x W x H (mm)	12NC
Surface-mounted luminaire, office-compliant optic, with adjustable DALI control gear (DEIA)									
SM530C 12S/940 DEIA LE L570 ALU	1 x 35 W	1,250	9.1	143	4,000	19	DALI	569 x 55 x 88	910505103241
SM530C 17S/940 DEIA LE L570 BK	1 x 35 W	1,700	12.2	143	4,000	19	DALI	569 x 55 x 88	910505103243
SM530C 19S/940 DEIA L1410 WH	1 x 35 W	1,900	14	139	4,000	16	DALI	1,409 x 55 x 88	910505103217
SM530C 30S/940 DEIA L2250 ALU	1 x 58/49 W	3,000	22	136	4,000	19	DALI	2,253 x 55 x 88	910505103250
SM530C 30S/940 DEIA LN L2250 ALU	1 x 58/49 W	3,000	22	136	4,000	19	DALI	2,250 x 55 x 88	910505103254
SM530C 31S/940 DEIA L1410 BK	1 x 58/49 W	3,100	22	148	4,000	19	DALI	1,409 x 55 x 88	910505103236
SM530C 34S/930 DEIA L1130 ALU	1 x 58/49 W	3,400	26	133	3,000	19	DALI	1,130 x 55 x 88	910505103228
SM530C 34S/TW9 DEIA L1130 BK	1 x 58/49 W	3,400	27.5	124	2,700–6,500	19	DALI	1,130 x 55 x 88	910505103276
SM530C 38S/940 DEIA LN L2810 ALU	1 x 58/49 W	3,800	27	141	4,000	19	DALI	2,811 x 55 x 88	910505103267
SM530C 40S/940 DEIA L1130 ALU	1 x 58/49 W	4,000	28.5	138	4,000	19	DALI	1,130 x 55 x 88	910505103218
SM530C 43S/940 DEIA L1410 ALU	1 x 58/49 W	4,300	30.5	144	4,000	19	DALI	1,409 x 55 x 88	910505103227
SM530C 50S/940 DEIA L1410 ALU	1/2 x 58/49 W	5,000	36	142	4,000	19	DALI	1,409 x 55 x 88	910505103233
SM530C 50S/930 DEIA L2250 ALU	1/2 x 58/49 W	5,000	37.5	141	3,000	19	DALI	2,253 x 55 x 88	910505103253
SM530C 62S/930 DEIA L2810 ALU	1/2 x 58/49 W	6,200	46	140	3,000	19	DALI	2,814 x 55 x 88	910505103264
SM530C 68S/940 DEIA L2250 ALU	1/2 x 58/49 W	6,800	48.5	146	4,000	19	DALI	2,253 x 55 x 88	910505103255
Surface-mounted luminaire, opal optics, with adjustable DALI control gear (DEIA)									
SM531C 19S/930 DEIA L1410 ALU	1 x 58/49 W	3,000	26.5	115	4,000	25	DALI	2,253 x 55 x 88	910505103224
SM531C 12S/940 DEIA LE L570 WH	1 x 35 W	1,250	11.8	102	4,000	25	DALI	569 x 55 x 88	910505103242
SM531C 62S/940 DEIA L2810 WH	1/2 x 58/49 W	6,200	56	111	4,000	25	DALI	2,814 x 55 x 88	910505103266
SM531C 31S/TW9 DEIA L1410 WH	1 x 58/49 W	3,100	34	91	3,000	25	DALI	1,409 x 55 x 88	910505103277
Surface-mounted luminaire, asymmetrical optics, with adjustable DALI control gear (DEIA)									
SM534C 40S/940 DEIA L1130 ALU	1 x 58/49 W	4,000	28.5	130	4,000	–	DALI	1,130 x 55 x 88	910505103221
SM534C 50S/940 DEIA L1410 ALU	1/2 x 58/49 W	5,000	38.5	132	4,000	–	DALI	1,409 x 55 x 88	910505103222
Purface-mounted luminaire, Interact Pro Ready, office-compliant, satinated optic, with dimmable Interact SensorReady wireless driver (SEIA) and Multi Sensor (U4), ZigBee wirelessly connected									
SM530C 31S/940 SEIA U4 L1450 ALU	1 x 58/49 W	3,100	21.5	144	4,000	19	Yes	1,450 x 55 x 88	910505103240
SM530C 34S/930 SEIA U4 L1170 ALU	1 x 58/49 W	3,400	25.5	138	3,000	19	Yes	1,170 x 55 x 88	910505103238
SM530C 40S/940 SEIA U4 L1170 ALU	1 x 58/49 W	4,000	28.5	143	4,000	19	Yes	1,170 x 55 x 88	910505103237
SM530C 40S/TW9 SEIA U4 L1170 ALU	1 x 58/49 W	4,000	33	121	2,700–6500	19	Yes	1,170 x 55 x 88	910505105675
SM530C 43S/TW9 SEIA U4 L1450 ALU	1 x 58/49 W	4,300	35.5	121	2,700–6500	19	Yes	1,450 x 55 x 88	910505103278
SM530C 50S/TW9 SEIA U4 L1450 ALU	1/2 x 58/49 W	5,000	41.5	121	2,700–6500	19	Yes	1,449 x 55 x 88	910505105667
SM530C 50S/940 SEIA U4 L2290 BK	1/2 x 58/49 W	5,000	35.5	141	4,000	19	Yes	2,294 x 55 x 88	910505103252
SM530C 86S/940 SEIA LN U4 L2850 ALU	2 x 58/49 W	8,600	61	141	4,000	19	Yes	2,851 x 55 x 88	910505103268
SM531C 25S/TW9 SEIA U4 L1170 ALU	1 x 58/49 W	2,500	27	93	2,700–6500	22	Yes	1,170 x 55 x 88	910505105676
SM531C 31S/TW9 SEIA U4 L1450 ALU	1 x 58/49 W	3,100	34	91	2,700–6500	22	Yes	1,449 x 55 x 88	910505105668
Accessories for surface-mounted luminaires									
ZZS400 OCR OPTICAL COVER REMOVER	Lanyard with suction cup to open the optics								910403205603

Footnote explanations: see page 234

FlexBlend suspended and surface-mounted luminaires

Application

- + Office and conference rooms, entrance areas, corridors, sales spaces, lecture halls



Circular ready = particularly sustainable (see page 13)



About the luminaire

Philips FlexBlend is a modern and highly efficient product family with LED suspended and surface-mounted luminaires as well recessed luminaires for the toughest requirements and challenges in lighting technology. The special thing about FlexBlend is its versatility. FlexBlend consists of standalone and line lights with separate coupling pieces. It is available in two lengths, many luminous flux packages with two light colours in the highest colour rendering quality ($R_a \geq 90$) and three housing colours (white, silver and black). There are two office-compliant optics (PCS and MLO) and one decorative optic (O). The PCS optic stands for maximum efficiency (up to 140 lm/W) and brilliance, while the familiar MLO micro-lens optics embodies high efficiency and maximum lighting comfort. FlexBlend sets new standards in terms of installation and flexibility. For refurbishments, the 1.50 luminaires

may also be directly used in many instances thanks to their length and flexible horizontal installation capacity – existing mounting holes can be reused in many cases. Surface-mounted luminaires may later be reconstructed using optional equipment into direct-beam suspended luminaires. And any “excess ordered” line lights may be, if needed, repurposed using optional equipment into a standalone light. The same applies to standalone lights, which can be re-configured into line lights. The perfect lighting solution integrates currently available innovative and automatic and (IoT)-connected light control systems and sensors for additional comfort improvement for the employee, energy savings and optimisation of the work space used. With its integrated light control system, FlexBlend is available as Interact Ready. This provides attractive solution options for both new and refurbished systems.



Also available in silver grey (similar to RAL 9006)



Also available in black (similar to RAL 9004)



Optionally with integrated Interact Pro light control (U4)



50,000 h (L90/L85)
Average lifetime
100,000 h (L80/L75)



up to 140 lm/W

BEST

At a glance

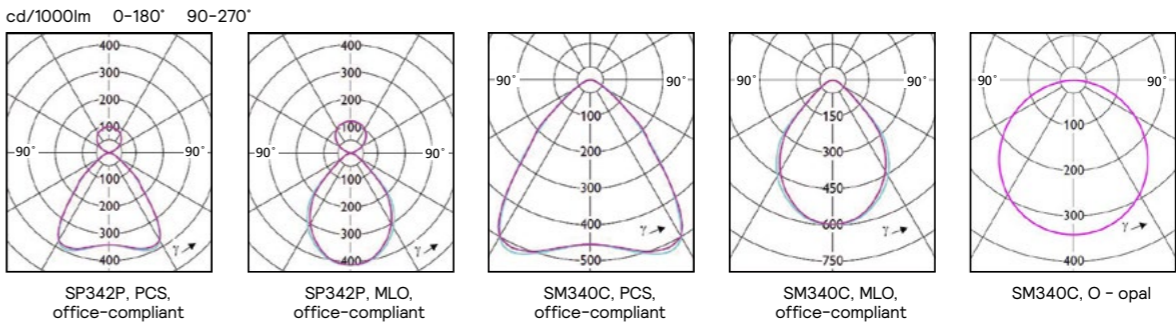
Advantages

- + Short amortisation times
- + Versatile product designs for a wide range of applications
- + Future-proof: innovative, partially IoT-networked lighting control systems with integrated sensors for high lighting comfort and additional energy savings

Features

- + Suitable for computer workstations in accordance with EN12464-1 ($UGR_R \leq 19$, $L_{65^\circ} \leq 3,000 \text{ cd/m}^2$), for PCS and MLO optics
- + opal optics; for adjoining rooms
- + Top light quality: excellent colour rendering ($R_a \geq 90$, $R_g > 50$)
- + Three housing colours: white (similar to RAL 9003), silver-grey (similar to RAL 9006) or black (similar to RAL 9004) pre-painted sheet steel
- + Standalone and line light
- + Extensive range of accessories available for line lights (couplers and end caps)
- + Optional integrated, wirelessly connected Interact Pro lighting control system for enhanced comfort and additional energy savings (motion-activated and daylight-dependent control and switching)

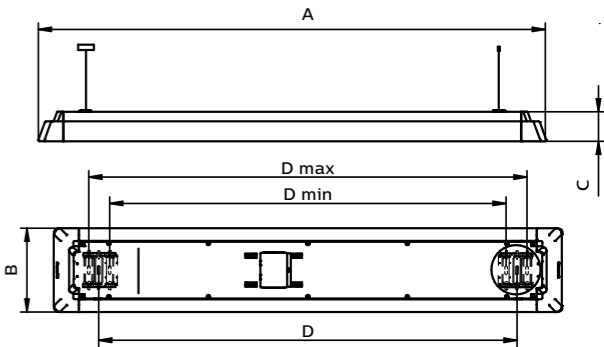
Light distribution curves



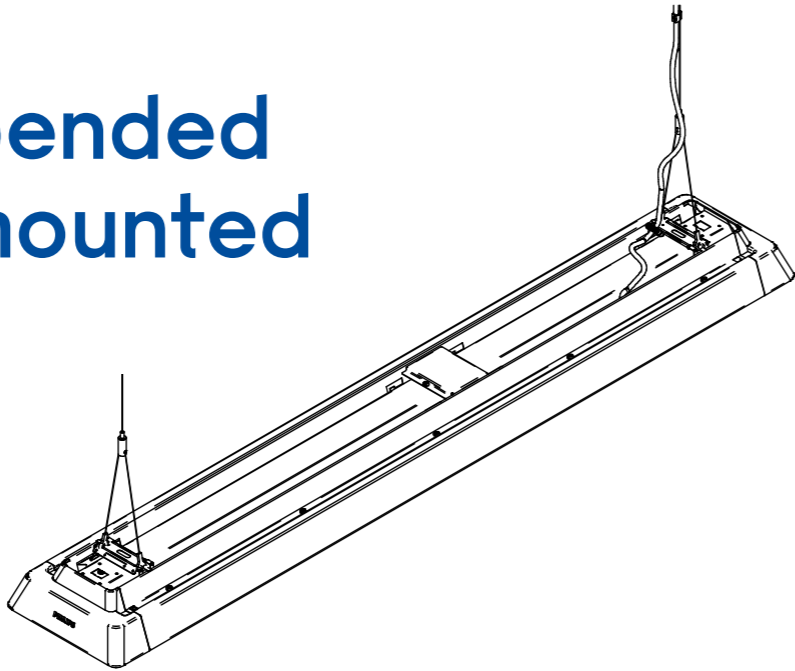
Dimensions and weight

Dimensions in mm

	A (mm)	B (mm)	C (mm)	D (mm)	D min (mm)	D max (mm)	Weight (kg)
Single luminaire	1,200	200	73	1,000	940	1,030	4.3-4.7
SM340C / SP340P / SP342P	1,470			1,270	1,210	1,300	5.2-5.5
Line light (without end caps)	1,081			1,000	940	1,030	4.0-4.5
SM341C / SP341P / SP343P	1,352			1,270	1,210	1,300	4.9-5.3



FlexBlend suspended and surface-mounted luminaires



Further product information
FlexBlend
(surface mounted)



Further product information
FlexBlend
(suspended)



Mounting instructions
FlexBlend
(surface mounted / suspended)



You may configure product online directly in the product catalogue.

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

	Product family code	Length	Geometry	Closest Colour Temperature	Optics	Control gear	Embedded light controller	Housing colour	Mounting	Emergency lighting
FlexBlend direct beam	Suspended Direct Standalone SP340P	121X20cm for standalone 108X20cm for lines W20L120	for L120: 2,100 lm 21S 2,800 lm 28S 3,600 lm 36S 4,000 lm (for MLO) 40S 4,200 lm (not for MLO) 42S for L150: 2,600 lm 26S 3,500 lm 35S 4,500 lm 45S 5,000 lm 50S 5,200 lm 52S	Warm White 3,000 K (CRI>90) 930 Neutral White 4,000 K (CRI>90) 940	Polycarbonate (OC) PCS Micro Lens Optic (OC) MLO Opal (NOC) O	Non-dimmable central EL PSE DALI Interact central EL DEIA Interact SR wireless + DC EL SEIA Standard (non dimmable) PSU DALI Interact system ready DIA Interact/Sensor ready wireless SIA	No controls NO SC200 in upgradable sensor slot (only for SEIA/SIA) U4 SC1500 in upgradable sensor slot (only for SEIA/SIA) U5	White (RAL9003) WH Black (RAL9004) BK Silver (RAL9006) SI	No (for surface mount) NO Suspension set Twin, Triangle Note: Note: for Black color housing a SI color suspension set is used SMT	TrustSight Basic (3 hrs, with PSU) ELB3 TrustSight Pro (3 hrs, with DIA, SIA) ELP3 TrustSight DALI (3 hrs, with DIA) ELD3 TrustSight DALI (3 hrs, with SIA) ELW3
	Suspended Direct Lines SP341P	147X20cm for standalone 135X20cm for lines W20L150								
	Surface Mount Standalone SM340C									
	Surface Mount Lines SM341C									
FlexBlend direct-indirect beam	Suspended Direct / Indirect Standalone SP342P		for L120: 2,800 lm 28S 3,600 lm 36S 4,800 lm 48S 5,200 lm 52S 5,600 lm 56S							
	Suspended Direct / Indirect Lines SP343P		for L150: 3,500 lm 35S 4,500 lm 45S 6,000 lm 60S 6,600 lm 66S 7,000 lm 70S							

FlexBlend suspended and surface-mounted luminaires

Technical data – Suspended luminaires

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁵	UGR _r	Dim- mable⁸	L x W x H (mm)	12NC
Suspended luminaire, direct beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.20 m; housing: white (WH)									
SP340P 36S/940 DEIA MLO SMT L120 WH	1 x 54 W	3,600	35	103	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867128
SP340P 36S/940 DEIA PCS SMT L120 WH		3,600	26.5	136	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867126
SP340P 40S/940 DEIA MLO SMT L120 WH		4,000	39	103	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867129
SP340P 42S/940 DEIA PCS SMT L120 WH		4,200	32	131	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867127
Suspended luminaire, direct beam, Interact Pro Ready, PCS or micro-lens optics (MLO), both office-compliant, with dimmable Interact SensorReady wireless driver (SEIA) and Multi Sensor (U4), ZigBee wirelessly connected, housing: white (WH)									
SP340P 36S/940 SEIA MLO U4 SMT L120 WH	1 x 54 W	3,600	32.5	111	4,000	≤ 19	Yes	1,200 x 200 x 73	910925868909
SP340P 36S/940 SEIA PCS U4 SMT L120 WH		3,600	26	133	4,000	≤ 19	Yes	1,200 x 200 x 73	910925868908
SP340P 40S/940 SEIA MLO U4 SMT L120 WH		4,000	38.5	101	4,000	≤ 19	Yes	1,200 x 200 x 73	910925868907
SP340P 42S/930 SEIA PCS U4 SMT L120 WH		4,200	27	133	3,000	≤ 19	Yes	1,200 x 200 x 73	910925868894
SP340P 42S/940 SEIA PCS U4 SMT L120 WH		4,200	27	133	4,000	≤ 19	Yes	1,200 x 200 x 73	910925868895
Suspended luminaire, direct-indirect beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.20 m, housing: white (WH)									
SP342P 36S/940 DEIA MLO SMT L120 WH	1 x 54 W	3,600	32.5	111	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867921
SP342P 48S/940 DEIA MLO SMT L120 WH	1/2 x 54 W	4,800	44.5	108	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867132
SP342P 52S/940 DEIA MLO SMT L120 WH	1/2 x 54 W	5,200	48.5	107	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867133
Suspended luminaire, direct-indirect beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.20 m, housing: silver-grey (SI)									
SP342P 36S/940 DEIA O SMT L120 SI	1 x 54 W	3,600	29	124	4,000	≤ 25	DALI	1,200 x 200 x 73	910925867931
SP342P 36S/940 DEIA PCS SMT L120 SI	1 x 54 W	3,600	27	133	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867925
SP342P 48S/940 DEIA PCS SMT L120 SI	1/2 x 54 W	4,800	36	133	4,000	≤ 19	DALI	1,200 x 200 x 73	910925867926
Suspended luminaire, direct-indirect beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.47 m; housing: white (WH)									
SP342P 45S/930 DEIA MLO SMT L150 WH	1 x 49/58 W	4,500	48	94	3,000	≤ 19	DALI	1,470 x 200 x 73	910925867938
SP342P 60S/930 DEIA PCS SMT L150 WH	1 x 80 W	6,000	49.5	121	3,000	≤ 19	DALI	1,470 x 200 x 73	910925867937
SP342P 70S/940 DEIA PCS SMT L150 WH	2 x 49/58 W	7,000	52	135	4,000	≤ 19	DALI	1,470 x 200 x 73	910925867933
Suspended luminaire, direct-indirect beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.47 m, housing: silver-grey (SI)									
SP342P 60S/940 DEIA PCS SMT L150 SI	1 x 80 W	6,000	46.5	129	4,000	≤ 19	DALI	1,470 x 200 x 73	910925867941
SP342P 66S/940 DEIA MLO SMT L150 SI	2 x 49/58 W	6,600	64	104	4,000	≤ 19	DALI	1,470 x 200 x 73	910925867943
Suspended luminaire, direct-indirect beam, office-compliant optic, with adjustable DALI control gear (DEIA), length: 1.47 m; housing: black (BK)									
SP342P 45S/940 DEIA O SMT L150 BK	1 x 49/58 W	4,500	37.5	120	4,000	≤ 25	DALI	1,470 x 200 x 73	910925867945
SP342P 45S/940 DEIA PCS SMT L150 BK	1 x 49/58 W	4,500	35	129	4,000	≤ 19	DALI	1,470 x 200 x 73	910925867106
Suspended luminaire, direct-indirect beam, Interact Pro Ready, PCS or micro-lens optics (MLO), both office-compliant, with dimmable Interact SensorReady wireless driver (SEIA) and Multi Sensor (U4), ZigBee wirelessly connected, housing: white (WH)									
SP342P 45S/930 SEIA MLO U4 SMT L150 WH	1 x 49/58 W	4,500	44.5	94	3,000	≤ 19	Yes	1,470 x 200 x 73	910925868896
SP342P 45S/940 SEIA MLO U4 SMT L150 WH	1 x 49/58 W	4,500	42.5	106	4,000	≤ 19	Yes	1,470 x 200 x 73	910925868897
SP342P 60S/940 SEIA PCS U4 SMT L150 WH	1 x 80 W	6,000	46.5	129	4,000	≤ 19	Yes	1,470 x 200 x 73	910925868905

Suspended luminaires: Supplied with triangle Cable Suspension (SMT), steplessly height-adjustable without tools, with ceiling canopy, electric connection terminals and stainless steel installation sleeve on the ceiling side, incl. electric connection cable, max. suspension length 1.50 m

Optionally upon request:

- Light colour /930 – warm white 3,000 K, line lights, coupling pieces and end caps; integrated Interact Pro Ready light control for wirelessly connected, automated lighting (SEIA U4).

Footnote explanations: see page 234

Technical data – Surface-mounted luminaire

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁵	UGRᵣ	Dim-mable⁸	L x W x H (mm)	12NC
Surface-mounted luminaire, line, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.40 m, housing: white (WH)									
SM341C 26S/940 DEIA MLO L150 WH	1 x 28/36 W	2,600	24	107	4,000	19	DALI	1,398 x 200 x 73	910925867904
SM341C 26S/940 DEIA O L150 WH	1 x 28/36 W	2,600	21.5	121	4,000	25	DALI	1,398 x 200 x 73	910925867905
SM341C 26S/940 DEIA PCS L150 WH	1 x 28/36 W	2,600	19.5	133	4,000	19	DALI	1,398 x 200 x 73	910925867902
SM341C 35S/940 DEIA MLO L150 WH	1 x 54 W	3,500	32.5	108	4,000	19	DALI	1,398 x 200 x 73	910925867262
SM341C 35S/940 DEIA PCS L150 WH	1 x 54 W	3,500	25	140	4,000	19	DALI	1,398 x 200 x 73	910925867903
Surface-mounted luminaire, line, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.40 m, housing: silver-grey (SI)									
SM341C 26S/940 DEIA PCS L150 SI	1 x 28/36 W	2,600	19.5	133	4,000	19	DALI	1,398 x 200 x 73	910925867906
SM341C 35S/940 DEIA MLO L150 SI	1 x 54 W	3,500	32.5	108	4,000	19	DALI	1,398 x 200 x 73	910925867909
SM341C 35S/940 DEIA PCS L150 SI	1 x 54 W	3,500	25	140	4,000	19	DALI	1,398 x 200 x 73	910925867907
Surface-mounted luminaire, stand alone, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.20 m, housing: white (WH)									
SM340C 28S/930 DEIA MLO L120 WH	1 x 28/36 W	2,800	27.5	102	3,000	19	DALI	1,200 x 200 x 73	910925867870
SM340C 36S/930 DEIA PCS L120 WH	1 x 54 W	3,600	27.5	131	3,000	19	DALI	1,200 x 200 x 73	910925867869
SM340C 36S/940 DEIA O L120 WH	1 x 54 W	3,600	28.5	126	4,000	25	DALI	1,200 x 200 x 73	910925867867
SM340C 40S/940 DEIA MLO L120 WH	1 x 54 W	4,000	39	103	4,000	19	DALI	1,200 x 200 x 73	910925867137
Surface-mounted luminaire, stand alone, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.20 m, housing: silver-grey (SI)									
SM340C 28S/940 DEIA PCS L120 SI	1 x 28/36 W	2,800	20.5	137	4,000	19	DALI	1,200 x 200 x 73	910925867873
SM340C 36S/940 DEIA MLO L120 SI	1 x 54 W	3,600	35	103	4,000	19	DALI	1,200 x 200 x 73	910925867876
Surface-mounted luminaire, stand alone, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.47 m; housing: white (WH)									
SM340C 35S/930 DEIA PCS L150 WH	1 x 49/58 W	3,500	27	130	4,000	19	DALI	1,470 x 200 x 73	910925867882
SM340C 45S/930 DEIA PCS L150 WH	1 x 49/58 W	4,500	34	132	4,000	19	DALI	1,470 x 200 x 73	910925867883
SM340C 50S/940 DEIA MLO L150 WH	1/2 x 49/58 W	5,000	48	104	4,000	19	DALI	1,470 x 200 x 73	910925867881
Surface-mounted luminaire, stand alone, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.47 m, housing: silver-grey (SI)									
SM340C 35S/940 DEIA O L150 SI	1 x 49/58 W	3,500	28	125	4,000	25	DALI	1,470 x 200 x 73	910925867891
SM340C 52S/940 DEIA PCS L150 SI	1/2 x 49/58 W	5,200	39	133	4,000	19	DALI	1,470 x 200 x 73	910925867888
Surface-mounted luminaire, stand alone, office-compliant optic, PCS, with adjustable DALI control gear (DEIA), length: 1.47 m; housing: black (BK)									
SM340C 35S/940 DEIA MLO L150 BK	1 x 49/58 W	3,500	32.5	108	4,000	19	DALI	1,470 x 200 x 73	910925867110
Surface-mounted luminaire, stand alone, Interact Pro Ready, PCS or micro-lens optics (MLO), both office-compliant, with dimmable Interact SensorReady wireless driver (SEIA) and Multi Sensor (U4), ZigBee wirelessly connected, housing: white (WH)									
SM340C 36S/940 SEIA PCS U4 L120 WH	1 x 54 W	3,600	31	116	4,000	19	Yes	1,200 x 200 x 73	910925868904
SM340C 42S/940 SEIA PCS U4 L120 WH	1 x 54 W	4,200	35.5	118	4,000	19	Yes	1,200 x 200 x 73	910925868903
SM340C 35S/940 SEIA PCS U4 L150 WH	1 x 49/58 W	3,500	24.5	143	4,000	19	Yes	1,470 x 200 x 73	910925868902
SM340C 52S/940 SEIA PCS U4 L150 WH	1/2 x 49/58 W	5,200	37	141	4,000	19	Yes	1,470 x 200 x 73	910925868899
SM340C 45S/940 SEIA MLO U4 L150 WH	1 x 49/58 W	4,500	38	118	4,000	19	Yes	1,470 x 200 x 73	910925868898

Optionally upon request:

- Light colour /930 – warm white 3,000 K, line lights, coupling pieces and end caps; integrated Interact Pro Ready light control for wirelessly connected, automated lighting (SEIA U4).

Footnote explanations: see page 234

Maxos fusion Office

Application

- + Computer workstations in the office and in industry
- + Schools and other educational institutions
- + Warehouses and production halls with low ceilings



Further product information



Mounting instructions



You can find everything about the Maxos fusion Light Strip System and accessories on pages 76-83

About the luminaire

Maxos fusion Office combines the advantages of a light strip with the lighting requirements for office workstations. Maxos fusion Office is integrated into the support rails of Maxos fusion. The contact block known from the Maxos fusion system and two retaining clips are mounted on the back.

This means that the luminaire can be freely positioned in the power supply system of the Maxos fusion rails and can also be combined with other luminaires from the Maxos fusion Trunking System if required.



Luminaire top with light emission openings for the indirect light component



Special micro-lens hexagonal optics (MXO) for the best combination of light quality and glare control

The luminaire is available in two lengths and luminous flux packages: 1.20 m with 4,500 lm and 1.50 m with 5,600 lm.

Both versions have direct-indirect light distribution (82%-18%). Thanks to the special MXO optic, no LEDs are visible and the luminaire produces a very uniform light for a pleasant sense of space.

IP20

IK02

+10° to +40° C

50,000 (L85)

Average lifetime

100,000 h (L80)

Warranty in years

5

up to 144 lm/W

BEST

At a glance

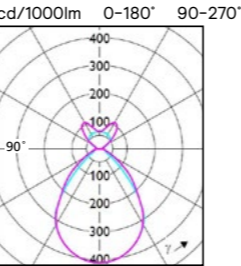
Advantages

- + Fulfils all lighting requirements for office workstations (UGR_R 16; L65° ≤ 3,000 cd/m²)
- + The DIA control gear enables control via DALI or with additional sensor units by radio via the Interact Pro system
- + Combination of advantages offered by the Maxos fusion light strip (unique power supply, completely free positioning of the luminaires on the light strip) with an office workstation-compatible luminaire with a share of indirect light

Features

- + Long lifetime of 100,000 hours (L80)
- + Special micro-lens hexagonal optics for optimum visual comfort without visible LEDs with very good glare control
- + Direct and indirect light distribution (82%-18%) for a comfortable atmosphere

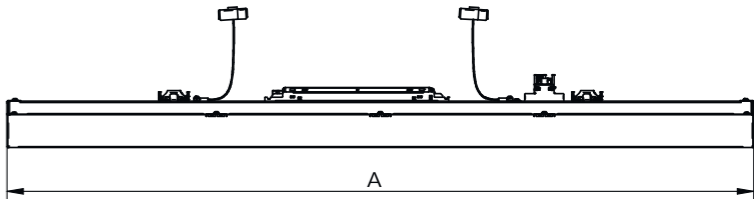
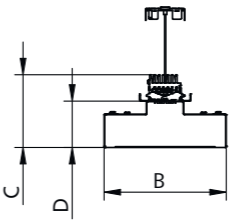
Light distribution curve



Dimensions and weight

Dimensions in mm

	A	B	C	D	Weight (kg)
SM970X / L114	1139	186	111	71	5.3
SM970X / L152	1520				6.8



Technical specifications

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁵	TW⁷	Dim-mable⁸	L x W x H mm	12NC
LED line light suitable for office workstations									
SM970X 56S/840 DIA D/I MXO W19L152 WH	1 x 49/58 W	5,600	38.9	144	4,000	7-pol.	DALI, funk	1520 x 186 x 111 mm	910505103995
SM970X 45S/840 DIA D/I MXO W19L114 WH	1 x 54/36 W	4,500	31.9	141	4,000	7-pol.	DALI, funk	1139 x 186 x 111 mm	910505103994

CoreLine FastSet

IP44 surface-mounted luminaire

Application

- + Corridors, stairwells, ancillary rooms, archives, small storage areas, workshops



About the luminaire

Philips CoreLine FastSet is a compact, dust and waterproof surface-mounted LED luminaire that can be used for a wide range of indoor applications thanks to its increased IP44 protection class and IK08 impact resistance. The domed opal prismatic cover provides uniform, comfortable light in the room and also pleasantly brightens the ceiling. The highly efficient and durable CoreLine FastSet can usually replace comparable conventional luminaires 1:1 in refurbishment projects and save energy immediately, but also scores highly in new-build projects thanks to its maximum flexibility.

Thanks to the all-in principle, each switchable luminaire is equipped with two light colours and up to two luminaire luminous fluxes that can be

easily selected via two integrated switches. This means that the required light can always be set or adjusted later depending on the application.

DALI-Controlled luminaires, which are even suitable for emergency lighting on DC central battery systems, and wirelessly connected, controllable luminaires for the Interact Pro system round off the portfolio. Installation of the CoreLine FastSet is simple, fast and flexible, as the name suggests: FastSet. They can be mounted on the ceiling or on walls, vertically or horizontally. The luminaires can be used as stand-alone or in light strip, head-to-head. Through-Wiring is integrated as standard. CoreLine FastSet can also be used as a suspended luminaire or on a horizontally tensioned line with optional accessories.



Curved opal-prismatic diffuser



Suitable for horizontal and vertical wall mounting



Integrated All-in switch for adjusting lumen output and light colour



Optional with integrated, networked lighting control, Interact Pro



Optional suspension set SM155Z



50,000 h (L80)
Average lifetime
100,000 (L65)



up to 155 lm/W

BETTER

At a glance

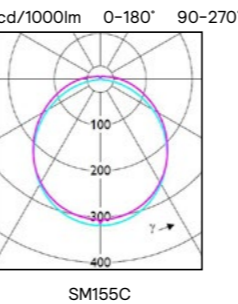
Advantages

- + Comfortable, wide beam, uniform light – with ceiling illumination
- + Up to 68 % energy savings compared to conventional luminaires
- + Quick and easy installation on ceilings and walls; horizontal or vertical wall mounting
- + For use as a standalone or line light – head-to-head
- + Optional accessories for suspension as a suspended luminaire

Features

- + Compact, wide-area, dust and moisture-protected IP44 LED surface-mounted luminaire
- + Top efficiency: up to 155 lm/W.
- + With domed, opal-prismatic polycarbonate cover
- + Three luminaire lengths: 602, 1,160 mm and 1,440 mm
- + Powerful: up to 6,000 lm
- + Luminaire housing made of sheet steel, painted white (similar to RAL 9003) and end caps made of white polycarbonate
- + All-in version: MultiColour/MultiLumen 8-in-1: Two light colours and four luminaire luminous flux levels adjustable in one luminaire
- + With switchable (PSU), DALI-Controlled, DC emergency lighting suitable (PSED) or Interact Pro wirelessly connected, Bluetooth and ZigBee-capable control gear (WIA)
- + With plug-in connection terminal and Through-Wiring, 1- or 3-phase

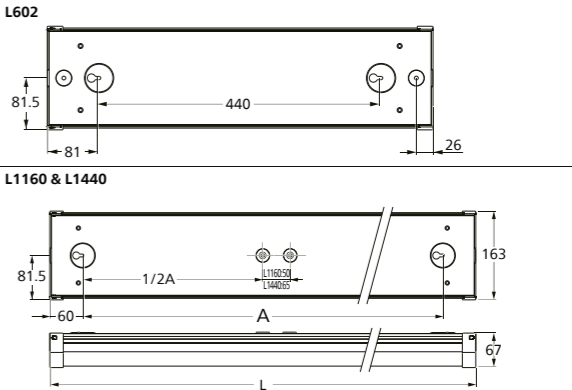
Light distribution curve



Dimensions and weight

Dimensions in mm

	L (mm)	A (mm)	Weight (kg)
SM155C	602	440	1.6
	1,160	1,040	2.5
	1,440	1,320	3.1



CoreLine FastSet

IP44 surface-mounted luminaire



Further product information



Mounting instructions

Technical specifications

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁶	TW⁷	Dim-mable⁸	L x W x H (mm)	12NC
Surface-mounted luminaire IP44, All-in, MultiColour/MultiLumen 8-in-1, switchable (PSU), with 3-phase Through-Wiring (TW3)									
SM155C 17_26S/830_840 PSU TW3 PI5 L602	1/2 x 18/14 W	1,700/1,900/2,200/2,600*	11.0/14.0/17.0/20.5	155/136/129/127	3,000/4,000*	Yes	–	602 x 163 x 67	911401841385
SM155C 30_48S/830_840 PSU TW3 PI5 L1160	1/2 x 36/28 W	3,000/3,450/4,100/4,800*	20.0/25.0/30.0/34.0	150/138/137/141	3,000/4,000*	Yes	–	1,160 x 163 x 67	911401841485
SM155C 37_60S/830_840 PSU TW3 PI5 L1440	1/2 x 58/49 W	3,700/4,250/5,100/6,000*	24.0/30.0/36.0/43.0	154/142/142/140	3,000/4,000*	Yes	–	1,440 x 163 x 67	911401841585
Surface-mounted luminaire IP44, switchable (PSU), with 3-phase Through-Wiring (TW3)									
SM155C 48S/840 PSU TW3 PI5 L1160	2 x 36 W	4,800	34	140	4,000	Yes	–	1,160 x 163 x 67	911401841185
SM155C 60S/840 PSU TW3 PI5 L1440	2 x 58 W	6,000	43	140	4,000	Yes	–	1,440 x 163 x 67	911401841285
Surface-mounted luminaire, IP44, All-in, MultiColour/MultiLumen 8-in-1, with adjustable DALI control gear, suitable for DC emergency lighting operation (PSED), with 1-phase Through-Wiring (TW1)									
SM155C 30_48S/830_840 PSED TW1 PI5 L1160	1/2 x 36/28 W	3,000/3,450/4,100/4,800*	20.0/25.0/30.0/35.0	150/138/137/137	3,000/4,000*	Yes	DALI	1,160 x 163 x 67	911401803587
SM155C 37_60S/830_840 PSED TW1 PI5 L1440	1/2 x 58/49 W	3,700/4,250/5,100/6,000*	25.0/30.0/36.0/42.5	148/142/142/141	3,000/4,000*	Yes	DALI	1,440 x 163 x 67	911401803687
Surface-mounted luminaire IP44, All-in, MultiColour 2-in-1, Interact Pro ready, dimmable, Bluetooth, ZigBee wirelessly connected (WIA), with 3-phase Through-Wiring (TW3)									
SM155C 26S/830_840 WIA TW3 PI5 L602	2 x 18/14 W	2,600	20.5	127	3,000/4,000*	Yes	Yes	602 x 163 x 67	911401803487
SM155C 48S/830_840 WIA TW3 PI5 L1160	2 x 36/28 W	4,800	36.0	133	3,000/4,000*	Yes	Yes	1,160 x 163 x 67	911401803287
SM155C 60S/830_840 WIA TW3 PI5 L1440	2 x 58/49 W	6,000	45.5	132	3,000/4,000*	Yes	Yes	1,440 x 163 x 67	911401803387
* Factory setting									
Accessories									
SM155Z Suspension set CL fastset	Single Cable Suspension for SM155C; with triangle, steel line and ceiling fastening sleeves, tool-free, stepless height adjustment, maximum suspension length: 1.5 m								911401856685

Footnote explanations: see page 234



CoreLine Surface-mounted luminaire

Application

- + Offices, corridors, stairwells, ancillary rooms, sales rooms and waiting areas



About the luminaire

Philips CoreLine surface-mounted luminaires are slim, compact LED luminaires designed for versatile indoor applications. Office-compliant and opal optics ensure uniform, comfortable illumination throughout the space.

With a high luminaire luminous flux of up to 6,800 lm and a length comparable to conventional 58 W fluorescent luminaires (1.57 m), these highly efficient and long-lasting CoreLine luminaires can typically replace single- or twin-lamp conventional luminaires in refurbishment projects on a true 1:1 basis, delivering immediate energy savings. They also offer maximum flexibility for new-build applications.

The All-in principle means that every switchable or DALI-dimmable luminaire is equipped with three selec-

table lumen outputs (MultiLumen 3-in-1), which can be easily adjusted via two integrated switches.

This allows the required light level to be set according to the application and modified later if needed. Wirelessly networkable, controllable versions for the Interact Pro system complete the range. Installation is quick and straightforward, with electrical connection via a tool-free plug-in terminal. The luminaires can be used individually or arranged in continuous rows, end-to-end.

With optional suspension accessories, CoreLine surface-mounted luminaires can also be used as direct-emission pendant luminaires.



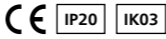
CoreLine surface-mounted luminaire SM136V with single-piece microprismatic optics



With innovative MultiLumen technology 3in1: Three luminous flux levels in each luminaire, flexible for every application



Easy installation and connection with QuickConnector. Plenty of space for the cable.



50,000 (L90)
Average lifetime
100,000 h (L80)



up to 160 lm/W **BETTER**

At a glance

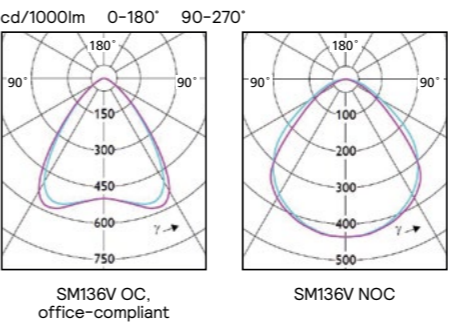
Advantages

- + Brilliant office-compliant micro-prismatic optic for comfortable lighting
- + Up to 67% energy savings compared to conventional luminaires
- + Quick and easy surface installation, as a single luminaire or as a continuous row with individual connection (end-to-end)
- + Luminaire luminous flux up to 6,800 lm, suitable for replacing 2 x 58 / 49 W fluorescent luminaires
- + L157 length enables replacement of conventional luminaires up to 1.57 m without additional ceiling repainting (with 200 mm luminaire width)
- + All-in version: MultiLumen

Features

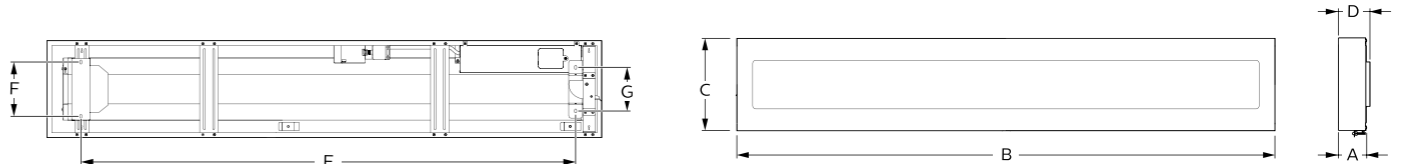
- + Slim, compact LED surface-mounted luminaire
- + Highly efficient: up to 160 lm/W
- + Two versions: office-compliant in accordance with EN12464-1 ($L_{65^\circ} \leq 3,000 \text{ cd/m}^2$ and $UGR_R 19$, OC) and opal, non-office-compliant (NOC)
- + Luminaire housing made of white painted sheet steel (similar to RAL 9016)
- + With MultiLumen 3-in-1 driver, switchable (PSU) or DALI-dimmable (PSD), both flicker-free
- + With controllable, wirelessly networked driver for Interact Pro (WIA)
- + Plug-in terminal suitable for through-wiring
- + Optional suspension set for pendant mounting

Light distribution curves

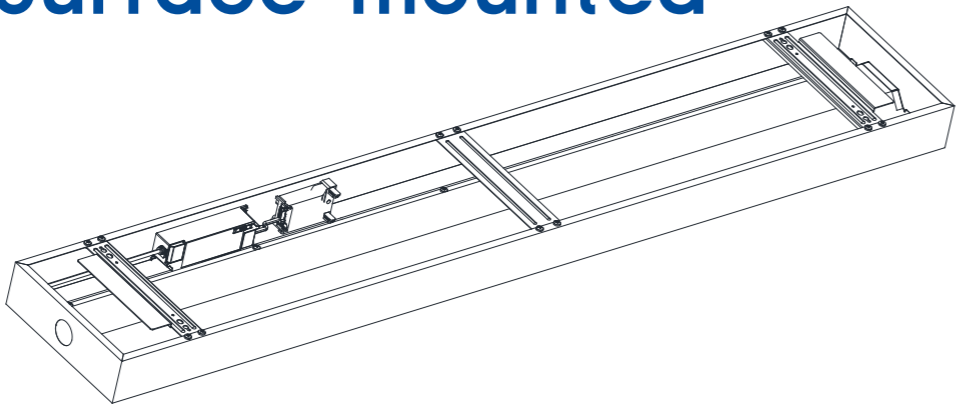


Dimensions and weight

Dimensions in mm								
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
W20L120	59	1,200	200	69	1070	110	110	3.3-3.5
W20L150	59	1,430	200	69	1300	110	110	3.8-4.0



CoreLine Surface-mounted luminaire



Further product information



Mounting instructions

Technical specifications

Product name	Replacement for T5/T8¹	lm²	W³	lm/W⁴	K⁶	UGR _R	D⁵	L x W x H (mm)	12NC
Surface-mounted luminaire, office-compliant (OC), MultiLumen, with switchable (PSU) or DALI-Controlled (PSD) MultiLumen control gear, length: 1,200 mm									
SM136V G4 36_45_60S/840 PSU W20L120 OC	1/2 x 36/28 W	3,600*/4,500/6,000	23.0/29.0/38.5	157/155/156	4,000	19	–	1,200 x 200 x 53	911401841787
SM136V G4 34_43_57S/830 PSD W20L120 OC	1/2 x 36/28 W	3,400*/4,300/5,700	23.0/29.0/38.5	148/148/148	3,000	19	DALI	1,200 x 200 x 53	911401841887
SM136V G4 36_45_60S/840 PSD W20L120 OC	1/2 x 36/28 W	3,600*/4,500/6,000	23.0/29.0/38.5	157/155/156	4,000	19	DALI	1,200 x 200 x 53	911401841987
Surface-mounted luminaire, office-compliant (OC), MultiLumen, with switchable (PSU) or DALI-Controlled (PSD) MultiLumen control gear, length: 1,570 mm									
SM136V G4 34_43_65S/830 PSU W20L157 OC	1/2 x 58/49 W	3,400*/4,300/6,500	22.5/29.0/43.5	160/155/156	3,000	19	–	1,570 x 200 x 53	911401842387
SM136V G4 36_45_68S/840 PSU W20L157 OC	1/2 x 58/49 W	3,600*/4,500/6,800	22.5/29.0/43.5	151/148/149	4,000	19	–	1,570 x 200 x 53	911401842287
SM136V G4 34_43_65S/830 PSD W20L157 OC	1/2 x 58/49 W	3,400*/4,300/6,500	22.5/29.0/43.5	160/155/156	3,000	19	DALI	1,570 x 200 x 53	911401842587
SM136V G4 36_45_68S/840 PSD W20L157 OC	1/2 x 58/49 W	3,600*/4,500/6,800	22.5/29.0/43.5	151/148/149	4,000	19	DALI	1,570 x 200 x 53	911401842487
Surface-mounted luminaire, not office-compliant (NOC), MultiLumen, with switchable (PSU) or DALI-Controlled (PSD) MultiLumen control gear, length: 1,200 mm									
SM136V G4 36_45_60S/840 PSU W20L120 NOC	1/2 x 36/28 W	3,600*/4,500/6,000	23.0/29.0/38.5	157/155/156	4,000	25	–	1,200 x 200 x 53	911401841687
Surface-mounted luminaire, Interact Pro Ready, office-compliant (OC), dimmable, Bluetooth, ZigBee wirelessly connected (WIA), length: 1,200 mm (L120) or 1,430 mm (L150)									
SM136V G4 40S/830 WIA W20L120 OC	1/2 x 36/28 W	4,000	27.5	145	3,000	19	Yes	1,200 x 200 x 53	911401842087
SM136V G4 43S/840 WIA W20L120 OC	1/2 x 36/28 W	4,300	27.5	156	4,000	19	Yes	1,200 x 200 x 53	911401842187
SM136V G4 40S/830 WIA W20L157 OC	1/2 x 58/49 W	4,000	27.5	145	3,000	19	Yes	1,570 x 200 x 53	911401842687
SM136V G4 43S/840 WIA W20L157 OC	1/2 x 58/49 W	4,300	27.5	156	4,000	19	Yes	1,570 x 200 x 53	911401842787
Suspension accessories, triangle Cable Suspension with ceiling canopy incl. connection cable; tool-free, stepless height adjustment; max. suspension length: 1.50 m									
RC159Z Suspension set SME-3 WH	Triangle Cable Suspension set for switchable (PSU) or Interact Pro Ready (WIA) CoreLine Panel SM136V								
RC159Z Suspension set SME-4 WH	Triangle wire suspension set for dimmable (PSD) SM136V								

* Factory setting

Footnote explanations: see page 234



Wall and ceiling luminaires



CoreLine wall and ceiling luminaire MultiColour/MultiLumen

Vandal-proof light for indoor and outdoor use

- + All-in version: up to 9 different setting options in one luminaire (MultiLumen & MultiColour)
- + EL-Ready: Each luminaire can be retrofitted with a 3-hour emergency lighting battery kit
- + Round, vandal-resistant luminaire with one diameter (390 mm) for all output levels
- + High-performance lumen packages up to 4,000 lm for a wide range of applications
- + Opal diffuser with indirect light component to brighten walls or ceiling
- + 140 lm/W (eligible for BEG funding)
- + Optional with invisibly integrated HF motion sensor, switchable or dimmable
- + Optionally available as a wirelessly networked luminaire, Interact Pro Ready
- + Simple and fast installation, with through-wiring capability
- + Extensive accessories: DecoRings and DecoRings with half cover
- + 5-year warranty

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



CoreLine wall and ceiling luminaire

Application

- + Corridors, stairwells, passageways, building entrances, ancillary rooms



Circular ready = particularly sustainable (see page 13)



About the luminaire

Fulfil the CoreLine promise – innovative, easy to install and high quality. In new and renovated buildings, customers prefer a lighting solution that emits high-quality light and saves considerable energy and maintenance costs. With the All-in version, it is possible to choose between 2 luminous fluxes and 3 light colours on site, which is why this luminaire can respond even better to individual requirements.

The surface-mounted luminaires are suitable for both ceiling and wall mounting and can be easily

installed in areas such as corridors, hallways and stairwells. The homogeneous light distribution ensures that this luminaire blends in with the architecture of most buildings.

The CoreLine wall light can be installed quickly and easily thanks to the quick plug-in connection.

This family includes Interact Ready luminaires with integrated wireless connectivity.



CoreLine WL140V can be used as a versatile wall or ceiling light for indoor and outdoor applications.



The light colour and luminaire luminous flux can be easily adjusted on site using two mini switches.



Optionally with integrated HF motion detector, switchable (PSU MSU), adjustable with wireless connection (PSR MDU) or Interact Pro Ready (WIA) for automated, wirelessly connected light.



Each luminaire can be converted in less than 2 minutes with a 3-hour emergency light conversion kit. (EM300V)



50,000 h
Average lifetime (L80)



up to **140 lm/W**

BETTER

At a glance

Advantages

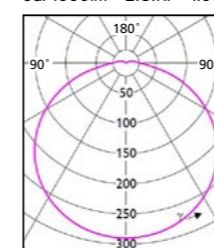
- + Versatile and robust, vandal-resistant
- + Comfortable, uniform light with wall and ceiling illumination
- + Luminaires can be retrofitted with the 3-hour emergency light battery kit to convert them into emergency luminaires
- + Quick and easy installation
- + The DecoRings enable silver-grey and black luminaires
- + BEG-eligible

Features

- + Round, vandal-proof wall and ceiling LED light with opal cover for indoor lighting
- + High protection class IP65 and high impact resistance IK10
- + All-in: MultiLumen and MultiColor (9-in-1) enable to select luminous flux and light colour on site
- + Very efficient: up to 140 lm/W
- + Housing and cover made of white polycarbonate – similar to RAL 9003
- + With switchable or controllable DALI control gear (PSED is suitable for DC voltage)
- + Interact Pro Ready (WIA) for automated, wirelessly connected light
- + With plug-in connection terminal, suitable for further wiring
- + Optionally with invisibly integrated HF motion detector, switchable (PSU MDU) with additional SafetyDim functionality or controllable (PSR MDU) for wirelessly connected light for additional energy savings, convenience and safety.
- + Accessories: DecoRings and DecoRings with half-cover of the illuminated surface

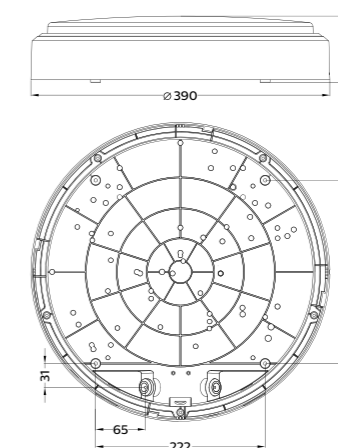
Light distribution curves

cd/1000lm L.O.R. = 1.00 0-180° 90-270°



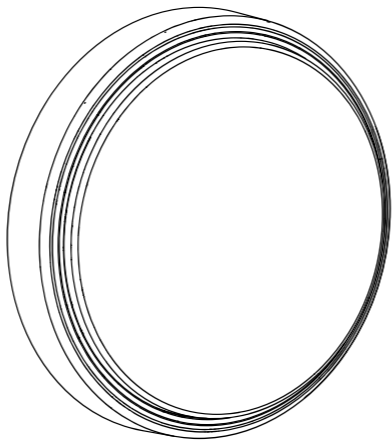
Dimensions and weight

Dimensions in mm



1.9 to 2.1 kg

CoreLine wall and ceiling luminaire



Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim-mable ⁸	Ø x H (mm)	12NC
Surface-mounted luminaire, All-in, MultiLumen 3-in-1, with switchable (PSU) MultiLumen control gear, length: 1,430 mm									
WL140V 14_24_40S/827_830_840 PSU WH	2 x 18 W / 2 x 26 W / 2 x 36 W	2,700 K: 1,400 / 2,300 / 3,600 3,000 K: 1,450 / 2,400 / 4,050 4,000 K*: 1,480 / 2,380 / 3,900*	11 / 18 / 29	125 / 140 / 135	2,700 / 3,000 / 4,000	3-pol.	–	390 x 85	911401873687
Round, Ø = 390 mm, switchable (PSU), with integrated HF motion detector with SafetyDim (MDU), housing colour white (WH)									
WL140V 14_24_40S/827_830_840 PSU MDU WH	2 x 18 W / 2 x 26 W / 2 x 36 W	2,700 K: 1,400 / 2,300 / 3,600 3,000 K: 1,450 / 2,400 / 4,050 4,000 K*: 1,480 / 2,380 / 3,900*	12 / 19 / 30	120 / 135 / 130	2,700 / 3,000 / 4,000	3-pol.	–	390 x 85	911401873787
Round, Ø = 390 mm, 1-10V adjustable (PSR), with integrated, radio-networked HF motion detector (MDU), housing colour white (WH)									
WL140V 14_24_40S/827_830_840 PSR MDU WH	2 x 18 W / 2 x 26 W / 2 x 36 W	2,700 K: 1,400 / 2,300 / 3,600 3,000 K: 1,450 / 2,400 / 4,050 4,000 K*: 1,480 / 2,380 / 3,900*	12 / 19 / 30	120 / 135 / 130	2,700 / 3,000 / 4,000	3-pol.	–	390 x 85	911401873887
Round, Ø = 390 mm, DALI-Controlled, suitable for DC voltage (PSED), housing colour white (WH)									
WL140V 40S/827_830_840 PSED WH	2 x 18 W / 2 x 26 W / 2 x 36 W	2,700 K: 3,600 3,000 K: 4,050 4,000 K*: 3,900*	29	125 / 140 / 135	2,700 / 3,000 / 4,000	3-pol.	–	390 x 85	911401873987
Round, Ø = 390 mm, Interact Pro Ready, dimmable, Bluetooth and ZigBee wireless connectivity (WIA); housing colour white (WH)									
WL140V 40S/827_830_840 WIA WH	2 x 18 W / 2 x 26 W / 2 x 36 W	2,700 K: 3,600 3,000 K: 4,050 4,000 K*: 3,900*	29	125 / 140 / 135	2,700 / 3,000 / 4,000	3-pol.	–	390 x 85	911401874087
Accessories for emergency lighting, EL-Ready									
EM300V ELB_ELP3 kit HV 6.4V 2000mAh LFP	3-hour emergency light battery kit, compatible with WL140V, capacity: 2,000mAh, 6.4V, lithium iron phosphate								912401483603

* Factory setting

Footnote explanations: see page 234

Accessories



DecoRings

All CoreLine wall and ceiling luminaires WL140V are supplied with a white DecoRing as standard, which also defines the appearance of the luminaire in this colour.

Alternatively, DecoRings made of polycarbonate in silver-grey (GR) or black (BK) can be used as accessories and in exchange, transforming the luminaire into a silver-grey or black luminaire.



WL140Z Deco Ring GR

DecoRing, silver grey (similar to RAL 9006)

WL140Z Deco Ring BK

DecoRing, black (similar to RAL 9004)



DecoRings with half cover

All CoreLine wall and ceiling luminaires WL140V are supplied with a white DecoRing as standard, which also defines the appearance of the luminaire in this colour.

Alternatively, DecoRings with half-cover made of polycarbonate in white (WH), silver grey (GR) or black (BK) can be used as accessories and in exchange, transforming the luminaire into a white, silver grey or black luminaire with the upper part of the light surface covered.



WL140Z Half-moon Ring WH

DecoRing with half cover, white (similar to RAL 9003)

WL140Z Half-moon Ring GR

DecoRing with half cover, silver grey (similar to RAL 9006)

WL140Z Half-moon Ring BK

DecoRing with half cover, black (similar to RAL 9004)

Accessories (the accessory DecoRings can be retrofitted instead of the white DecoRing supplied as standard)		12NC
WL140Z Deco Ring GR	DecoRing, silver grey (similar to RAL 9006)	911401872882
WL140Z Deco Ring BK	DecoRing, black (similar to RAL 9004)	911401872782
WL140Z Half-moon Ring WH	DecoRing with integrated half cover, white (similar to RAL 9003)	911401872982
WL140Z Half-moon Ring GR	DecoRing with integrated half cover, silver grey (similar to RAL 9006)	911401873182
WL140Z Half-moon Ring BK	DecoRing with integrated half cover, black (similar to RAL 9004)	911401873082

Battens



CoreLine batten

Quick and easy to install

- + All-in design: Up to 4 different settings in one luminaire (MultiLumen & MultiColour) for greater flexibility
- + Long lifetime (L85): 50,000 hours
- + EL-Ready: Each luminaire (L1200, L1500) can be retrofitted with a 3-hour emergency light battery kit
- + Up to 140 lumens per watt
- + 1:1 replacement for 600 mm/1,200 mm/1,500 mm and 1,800 mm batten luminaires
- + Easy to install thanks to 2-point fastening
- + Loop Through-Wiring with seamless connection of the luminaires possible
- + Suspension possible
- + 5-year warranty

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



CoreLine batten

Application

- + Salesrooms
- + Vaulted ceiling lighting
- + Auxiliary rooms
- + Industry



About the luminaire

Fulfils the CoreLine promise – innovative, easy to install and high quality. In new and renovated buildings, customers prefer a lighting solution that emits high-quality light and saves considerable energy and maintenance costs.

The new CoreLine LED batten luminaire can be used as a replacement for conventional batten luminaires with fluorescent lamps. With the all-in version, it is possible to choose between two light outputs and two light colours on site, which is why this luminaire can be even better tailored to individual requirements.

The efficient design makes installation quick and easy and enables seamless light lines to be created without additional accessories.

Thanks to the new Emergency Lighting Ready (EL-Ready) design, this luminaire can be easily converted into an emergency luminaire with an emergency light battery kit (3-hour battery).

Interact Ready luminaires with integrated wireless connectivity are also available and can be used with InteractGateways, sensors and software.



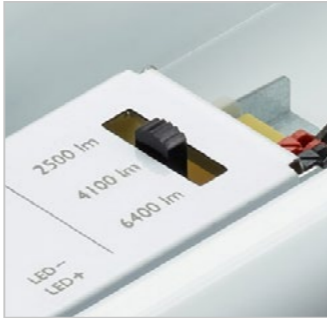
The new 2-point fastening ensures even faster installation.



Seamless connection with quick connector enables a light strip.



Cable Suspension (1 m) available as an accessory: BN126Z SC (EOC: 365 749 99)



All-in: The integrated lumen switch enables simple selection of three luminaire luminous flux levels.

BEG

IP20

CE

IK04

-20° to +40° C

EPD

25

50,000 h

Average lifetime (L85)

Warranty in years

5

up to 140 lm/W

BETTER

At a glance

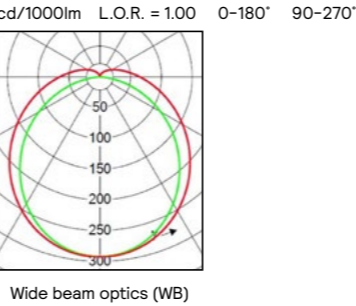
Advantages

- + Lights can be retrofitted with the 3-hour emergency light battery kit to convert them into emergency lights.
- + Reliable LED technology – maintenance-free thanks to long service life
- + Direct replacement for conventional batten luminaires in terms of light output, installation options and length
- + Easy creation of seamless and aesthetic light lines in warehouses or industrial spaces
- + Very simple and quick installation thanks to 2-point fastening with power supply possible centrally from above and at the front
- + Can be used as a standalone or strung together as light strip
- + Luminaires can be strung together without gaps using quick connectors

Features

- + Four lengths available: 600 mm, 1200 mm, 1500 mm and 1800 mm
- + Luminous flux of up to 10,000 lm
- + Energy-efficient with up to 140 lm/W
- + All-in: MultiLumen and MultiColour (4-in-1) enable flexible on-site adjustment
- + Wide beam light distribution with ceiling illumination
- + Opal cover ensures visual comfort
- + Life time: 50,000 hours (L85)

Light distribution curves

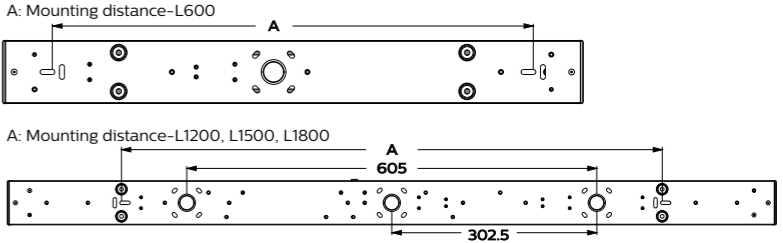


Dimensions and weight

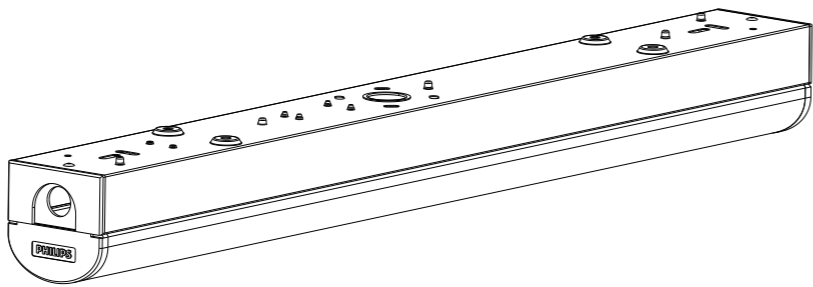
Dimensions in mm

Length	A (mm)	L (mm)	Weight (kg)
L600	497	600	0.62
L1200	798	1,135	1.01
L1500	798	1,450	1.27
L1800	798	1,750	1.53

0.62 to 1.53 kg



CoreLine batten



Further product information



Mounting instructions

Technical specifications

Product name	Replacement for T8 ¹	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dimmable ⁸	L x W x H (mm)	12NC
Light strip, all-in, MultiColour/MultiLumen 4-in-1, with switchable power supply unit (PSU), integrated mini switch for 2-way light colour and 2-way light output selection, can be retrofitted with 3-hour emergency light battery kit									
BN126C LED25S_41S/830_40 PSU L1200	1 / 2 x 36 W	2,500 / 4,100*	18 / 29.5	140	3,000 / 4,000*	-	No	1,135 x 65 x 65	911401850587
BN126C LED35S_52S/830_40 PSU L1500	1 / 2 x 58 W	3,500 / 5,200*	25 / 37	140	3,000 / 4,000*	-	No	1,450 x 65 x 65	911401850687
Light strip, all-in, MultiColour/MultiLumen 4-in-1, with switchable power supply unit (PSU), integrated mini switch for 4-way light colour and 2-way light output selection									
BN126C LED15S_24S/830_40 PSU L600	2 x 18 W	1,500 / 2,400*	10.8 / 17	140	3,000 / 4,000*	-	No	600 x 65 x 65	911401850487
BN126C LED64S_100S/830_40 PSU L1800	-	6,400 / 10,000*	45.5 / 71	140	3,000 / 4,000*	-	No	1,750 x 65 x 65	911401850787
Light strip, all-in, MultiColour 2-in-1, with DALI-controllable control gear (PSD), integrated mini switch for 2-way light colour selection, can be retrofitted with 3-hour emergency light battery kit									
BN126C LED64S/830_40 PSD L1200	1 / 2 x 36 W	6,400	45.5	140	3,000 / 4,000*	-	DALI	1,135 x 65 x 65	911401850287
BN126C LED80S/830_40 PSD L1500	1 / 2 x 58 W	8,000	57	140	3,000 / 4,000*	-	DALI	1,450 x 65 x 65	911401850387
Light strip, with switchable power supply unit (PSU), can be retrofitted with a 3-hour emergency light battery kit									
BN126C LED41S/840 PSU L1200	1 / 2 x 36 W	4,100	31	130	4,000	-	No	1,135 x 65 x 65	911401833984
BN126C LED64S/840 PSU L1200	2 x 36 W	6,400	49	130	4,000	-	No	1,135 x 65 x 65	911401834184
BN126C LED52S/840 PSU L1500	1 / 2 x 58 W	5,200	40	130	4,000	-	No	1,450 x 65 x 65	911401834584
BN126C LED80S/840 PSU L1500	2 x 58 W	8,000	59	130	4,000	-	No	1,450 x 65 x 65	911401834784
LED light strip, Interact Pro Ready, all-in, MultiColour 2-in-1, dimmable, Bluetooth and ZigBee wireless networked (WIA); housing colour white (WH), integrated switch for 2-way light colour selection, can be retrofitted with 3-hour emergency light battery kit									
BN126C LED64S/830_40 WIA L1200	1 / 2 x 36 W	6,400	45.5	140	3,000 / 4,000* / 6,500	-	Yes	1,135 x 65 x 65	911401850187
BN126C LED80S/830_40 WIA L1500	1 / 2 x 58 W	8,000	57	140	3,000 / 4,000* / 6,500	-	Yes	1,450 x 65 x 65	911401850087
Accessories for emergency lighting conversion, EL-Ready									
EM300V ELB_ELP3 kit HV 6.4V 2000mAh LFP	3-hour emergency light battery kit, compatible with BN126C L1200 / L1500, capacity: 2,000mAh, 6.4V, lithium iron phosphate								912401483603
Other accessories									
BN126Z SC	Cable suspension set, tool-free, stepless height adjustment: max. suspension length: 1 m								911401776802
* Factory setting									

Footnote explanations: see page 234



Downlights and slim downlights



GreenSpace Downlight

Flexible and sustainable – MyCreation 3D printing

- + Top luminaire luminous efficacy of up to 162 lm/ W
- + Optics conforming to computer workstation requirements per EN 12464-1 (UGR_R 19; L65° <1,500 cd/m²)
- + Excellent light quality R_a ≥90 for high visual comfort
- + Individually selectable ceiling cut-out without adapter rings (150 – 280 mm)
- + Printed housing – use of recycled and recyclable materials
- + Suitable as emergency lighting in accordance with EN60598-2-22

BEST



CoreLine Downlight

Quick and easy to install

- + Up to 122 lumens per watt
- + Average lifetime (L80): 50,000 hours
- + Switchable (PSU-E), DALI-Controlled (PSD-E) or Interact Pro wireless connected (WIA-E)
- + White reflector or with aluminium reflector for office workstations (UGR19)
- + Quick and easy installation thanks to quick connector
- + 5-year warrant

BETTER



CoreLine Slim Downlight

Super-slim LED replacement for conventional downlights

- + Up to 100 lumens per watt
- + Average lifetime (L70): 50,000 hours
- + Protection class IP44
- + All-in version: MultiColor 2-in-1 for more flexibility, universally usable super flat with a height of 28 mm on the ceiling side
- + Switchable, DALI-Controlled or Interact Ready
- + Simple cleaning thanks to smooth and closed outer surface
- + 5-year warranty

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



GreenSpace recessed downlight

Application

- + General lighting for corridors, stairwells and other traffic routes, but also for office workstations

3D-printed luminaires:

- + Customised for existing ceiling cut-outs. Try our 3D configurator!
www.signify.com/mycreation



Circular ready =
particularly sustainable
(see page 13)

About the luminaire

Existing ceiling cut-outs of the old luminaires can in particular be advantageously reused 1:1 for refurbishments. We print a complete and 100% matching LED downlight so that you no longer need adapter rings to fit the ceiling. This saves installation time and

material costs. Available for cut-out sizes from 150–280 mm. All plastic parts of the luminaire consist of at least 55% recycled or mass-balanced biodegradable material, making it a conscious choice for anyone who wants to contribute to a circular economy.



Starting with ceiling cut-out of 250 mm with white reflector



Anti-glare ring for version suitable for computer workstations with UGR19



Computer workstation-compatible Version (UGR19 / with anti-glare ring)



Optionally with clear cover (PCC) for IP54 protection class



Optionally with opal cover (PCC) for IP54 protection class



100,000 h
Average lifetime (L90)

Warranty
in years **5**

Up to **147 lm/W**

BEST

At a glance

Advantages

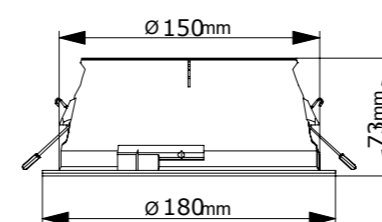
- + Perfectly suitable for a switch from compact fluorescent downlights to LED downlights – short „payback time“
- + Highly efficient: Energy savings of up to 73% possible compared to conventional lighting solutions
- + Reduction of maintenance costs thanks to long usable life (usable lifetime up to 5x longer than compact fluorescent lamps)

Features

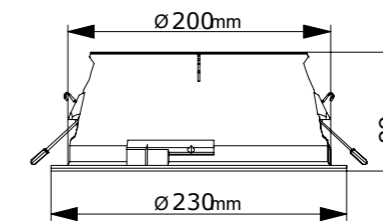
- + Luminous flux: 700 – 5,000 lm
- + Circular ready
- + Long lifetime: 100,000 h, L90 @ 25°C
- + Frame colour selection: White, silver, black
- + Controllable: ON, OFF and dimming via DALI or Interact
- + Emergency lighting: Suitable as emergency lighting for central battery systems or with individual battery in accordance with EN 60598-2-22:1998+A1:2003+A2:2008 and EN 60598-1:2008+A11:2009

Dimensions and weight

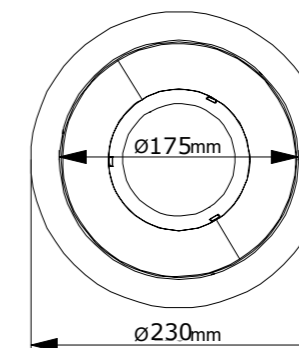
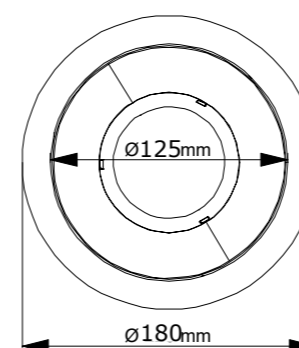
Dimensions in mm for standard codes. Dimensions can be customised on request, e.g. drill hole size between 150 and 280 mm.



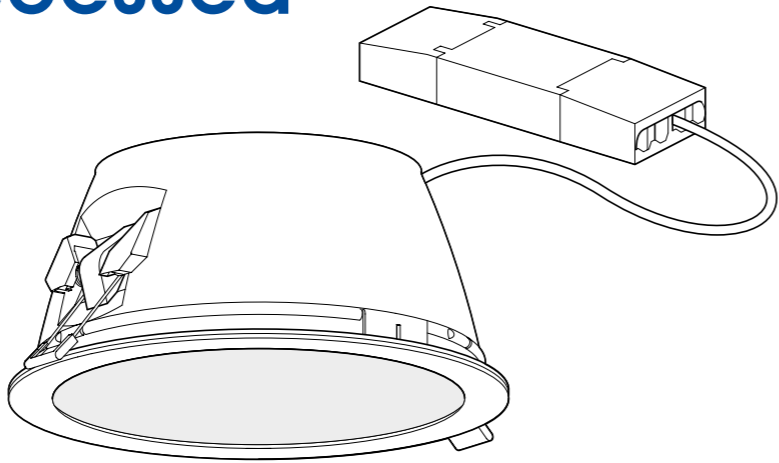
TCGSRR 150
(0.45 kg)




TCGSRR 200
(0.6 kg)




GreenSpace recessed downlight



 You can configure this product directly online in the product catalogue.

Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	Dim- mable ⁸	 Ø (mm)	Ø x H (mm)	12NC
Switchable, UGR _n 19 (OC)									
DN500B 11S/830 PSU-E C WH	1 x 26 W	1,150	7.7	149	3,000	–	150	180 x 73	Configurator
DN500B 11S/840 PSU-E C WH		1,250	7.7	162	4,000	–	150	180 x 73	Configurator
DN500B 20S/840 PSU-E C WH	2 x 26 W	1,950	13.4	146	4,000	–	200	230 x 89	Configurator
DN500B 20S/830 PSU-E C WH		2,100	13.4	157	3,000	–	200	230 x 89	Configurator
Dimmable									
DN500B 11S/830 PSD-E C WH	1 x 26 W	1,150	8.7	132	3,000	DALI	150	180 x 73	Configurator
DN500B 11S/840 PSD-E C WH		1,250	8.7	144	4,000	DALI	150	180 x 73	Configurator
DN500B 20S/840 PSD-E C WH	2 x 26 W	1,950	14.6	134	4,000	DALI	200	230 x 89	Configurator
DN500B 20S/830 PSD-E C WH		2,100	14.6	144	3,000	DALI	200	230 x 89	Configurator
Dimmable, UGR _n 19 (OC)									
DN500B 11S/830 PSD-E OC WH	1 x 26 W	1,150	8.7	132	3,000	DALI	150	180 x 73	Configurator
DN500B 11S/840 PSD-E OC WH		1,200	8.7	138	4,000	DALI	150	180 x 73	Configurator
DN500B 20S/840 PSD-E OC WH	2 x 26 W	1,850	14.6	127	4,000	DALI	200	230 x 89	Configurator
DN500B 20S/830 PSD-E OC WH		2,000	14.6	137	3,000	DALI	200	230 x 89	Configurator

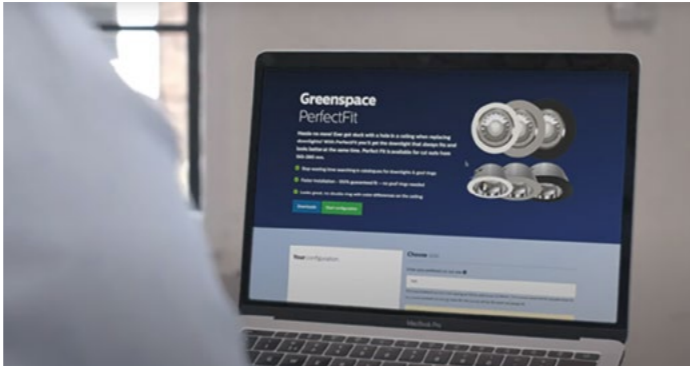
Footnote explanations: see page 234

Optionally upon request:


- Luminaire luminous flux: up to 5,000 lm (Q2 2026)
 - With Interact-ready control gear
 - With emergency lighting battery
- With Wieland plug connector
 - Reflector in white
 - Ring colour in grey or black
- Protection class IP54 using PC cover
 - With cable in class B2Ca
 - Surface-mounted downlight for ceiling mounting or mounting on the 3-phase power track

The listed lights are only a selection. Discover all the sizes, colours and options of the GreenSpace PerfectFit downlight at:

<https://www.pro.mycreation.signify.com/en-eur/perfectfit>



Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	Dim-mable ⁸	 Ø (mm)	Ø x H (mm)	12NC
TCGSRR 165 11S/840 C PSU-E WH	1 x 26 W	1,250	7.7	162	4,000	–	165	195 x 73	Configurator
TCGSRR 165 11S/830 C PSU-E WH		1,150	7.7	149	3,000	–	165	196 x 73	Configurator
TCGSRR 200 14S/840 C PSU-E WH	2 x 18 W	1,550	9.7	160	4,000	–	200	230 x 89	Configurator
TCGSRR 225 14S/840 C PSU-E WH		1,550	9.7	160	4,000	–	225	255 x 89	Configurator
TCGSRR 175 14S/840 C DIA-E WH		1,550	11	141	4,000	DALI	175	205 x 73	Configurator
TCGSRR 230 20S/830 C PSU-E WH	2 x 26 W	2,100	13.4	157	3,000	–	230	260 x 89	Configurator
TCGSRR 225 20S/830 C PSU-E WH		2,100	13.4	157	3,000	–	225	255 x 89	Configurator
TCGSRR 250 20S/840 C DIA-E WH		2,100	15	140	4,000	DALI	250	280 x89	Configurator
TCGSRR 200 20S/940 OC PCC U4 WH EW	2 x 26 W	1,800	15	120	4,000	DALI	200	230 x 89	Configurator
TCGSRR 200 20S/930 OC PCC U4 WH EW		1,750	15	117	3,000	DALI	200	230 x 89	Configurator
TCGSRR 260 30S/840 WR DIA-E WH	2 x 32 W	3,000	20.5	146	4,000	DALI	260	290 x 89	Configurator
TCGSRR 280 30S/840 WR DIA-E WH		3,000	20.5	146	4,000	DALI	280	310 x 89	Configurator

Footnote explanations: see page 234



CoreLine Downlight

Application

- + General corridor lighting
- + Retail stores
- + Entrance areas, lobbies
- + Passages/ corridors in buildings



About the luminaire

Fulfil the CoreLine promise – innovative, simple to install and high-quality. The CoreLine Downlight is a recessed luminaire that can be used instead of Downlights with compact fluorescent lamps.

Its economic total cost of operation simplifies customer transformation to LED.

These luminaires create a natural light effect for general lighting purposes.

In addition, they allow for immediate energy savings and are characterised by a significantly longer usable life, thus constituting a cost-effective and environmentally-friendly solution.

Thanks to their standard cut-out dimensions and the external connection box with plug-in connection terminals, they can be installed quickly and easily.

The aluminium reflector meets the requirements for office workstations with UGR19.



Downlight DN142B, white reflector (WR)



Downlight DN142B, aluminium reflector (UGR19)



Simple installation using two spring clips



Simple electrical connection via an external connection box with plug-in connection terminals. Suitable for further wiring.

BEG

IP20/IP54

IK02

F

-20° to +40° C

CE

50,000 h

Average lifetime (L70)

Warranty in years

5

up to 122 lm/W

BETTER

At a glance

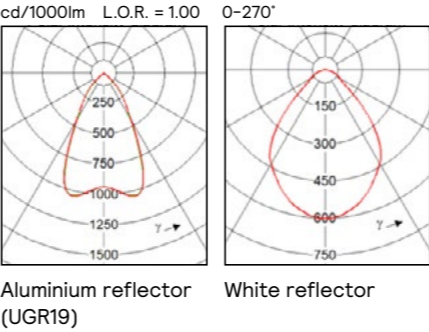
Advantages

- + Recessed light source and white reflector or aluminium reflector for pleasant light and high visual comfort
- + Up to 63% energy savings compared to conventional luminaires
- + Quick and easy installation thanks to quick plug-in connector and rewiring option
- + Optionally available with emergency light battery (3 hours) for PSU-E and WIA-E

Features

- + Available in versions between 1,150 to 2,350 lumen
- + Energy efficient: up to 122 lm/W
- + Colour temperature: 3,000 and 4,000 K
- + Optionally with IP54 protection also suitable for wet areas
- + Aluminium reflector with UGR19 also suitable for office workstations

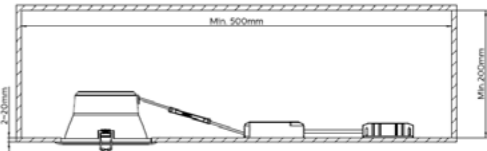
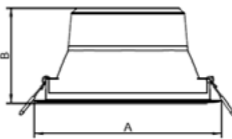
Light distribution curves



Dimensions and weight

Dimensions in mm

		Ø A (mm)	B (mm)	Ø mm	Weight (kg)
DN142B	LED10S	162	82	150	0.25
	LED20S	216	105	200	0.44
	LED10S	162	97	150	0.25
	LED20S	216	105	200	0.44



CoreLine Slim Downlight

Application

- + General corridor lighting
- + Retail stores
- + Entrance areas, lobbies
- + Building corridors



About the luminaire

Fulfil the CoreLine promise - innovative, simple to install and high-quality. The CoreLine Slim Downlight family is available as a recessed or surface-mounted version, offering 1:1 replacement for common downlights using compact fluorescent lamps.

Thanks to their slim form, these products may also be used if the ceilings are very low.

The All-in version makes it possible to select 2 different light colours so that this luminaire can be even better adapted to individual needs.

Thanks to the evenly lit surface, this Downlight family provides good vision comfort and a high-quality ceiling form.

The luminaires fit in standard ceiling cutouts of 68, 150 or 200 mm and can be installed quickly and easily.



Simple installation thanks to stable spring clamps Low installation height of just 28 mm



Installation variant 1,100 and 2,100 lm: with plug-in connection terminal for simple installation



Surface-mounted luminaire suitable for ceiling mounting. With opal PMMA surface.



All-in: With the light colour switch, the light colour may be set easily.

BEG ✓
IP44

IK02

0° to +35° C



50,000 h
Average lifetime (L70)

Warranty
in years 5

up to 100 lm/W BETTER

At a glance

Advantages

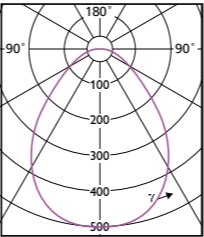
- + The ultra-slim design (28 mm) makes it particularly suitable for ceilings with little space in the ceiling construction
- + The evenly illuminated surface provides a pleasant, natural light and gives the luminaire in the ceiling a very high-quality appearance
- + Also suitable for wet areas with IP44 protection on the room side
- + Fits into standard ceiling cut-outs of 68, 150 or 200 mm

Features

- + Uniformly illuminated surface
- + The flush-mount variant is convincing thanks to its installation height of just 50 mm, thus being suitable for low ceilings as well
- + Very slim recessed variant with a recess height of just 28 mm
- + All-in: MultiColor (2-in-1) allows selection of the light colour at the site
- + Available as 650, 1,100 or 2,100 lumen variant
- + Colour temperatures: 3,000 and 4,000 K

Light distribution curves

cd/1000lm L.O.R. = 1.00 0-180° 90-270°

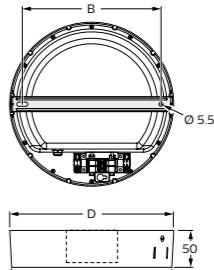
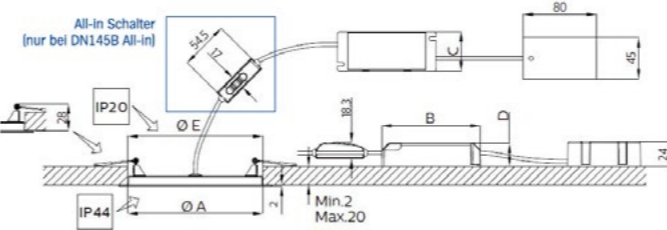


Dimensions and weight

Dimensions in mm

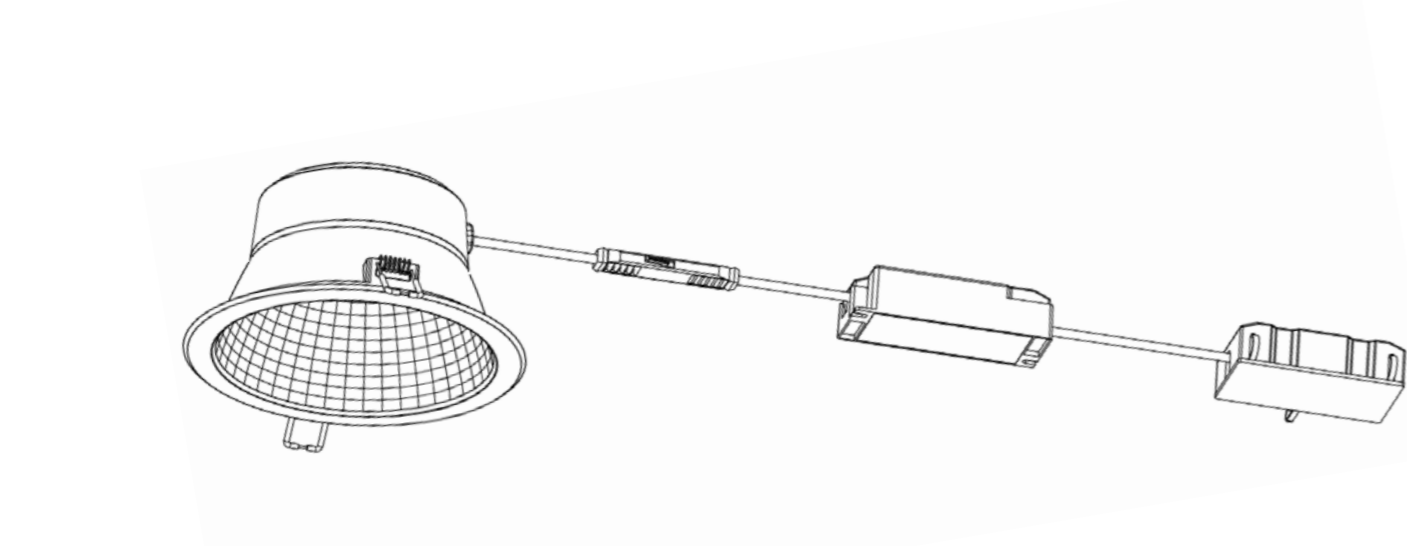
		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)
DN145B	LED6S	85	86	32	23	68 - 73	0.11
	LED10S	166				152 - 157	0.28
	LED20S	217				203 - 208	0.45
DN145B All-in	LED6S	85	108	43	25	68-73	0.16
	LED10S	166				152-157	0.28
	LED20S	217				203-208	0.38

		B (mm)	C (mm)	D (mm)	Weight (kg)
DN145C	LED10S	140	166	171	0.75
	LED20S	188	217	222	1.10



0.11 to 1.1 kg

CoreLine Downlight



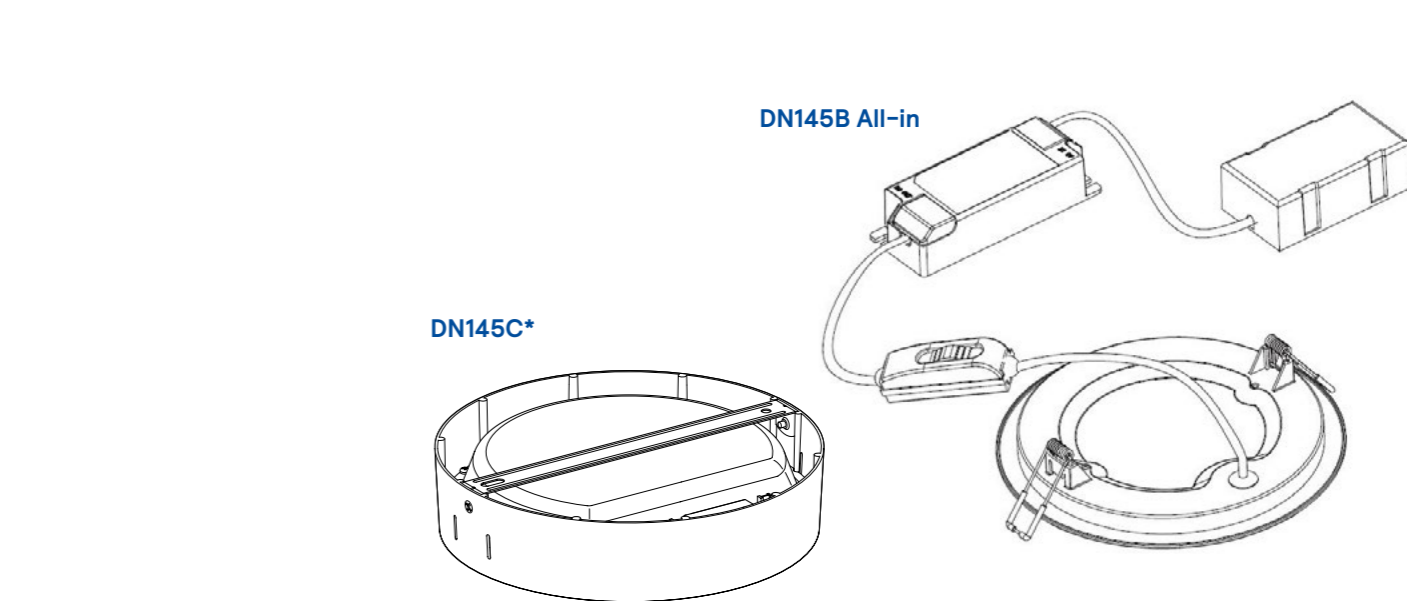
Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	TWV ⁷	Dim- mable ⁸	 Ø (mm)	Ø x H (mm)	12NC
Switchable										
DN142B 10S/830 PSU-E WR	2 x 18 W	1,200	9.8	122	3,000	yes	–	150	162 x 82	911401551032
DN142B 10S/830 PSU-E UGR19		1,200	9.8	122	3,000	yes	–	150	162 x 82	911401551232
DN142B 10S/840 PSU-E WR		1,200	9.8	122	4,000	yes	–	150	162 x 82	911401551432
DN142B 10S/840 PSU-E UGR19		1,200	9.8	122	4,000	yes	–	150	162 x 82	911401551632
DN142B 20S/830 PSU-E WR	2 x 26 W	2,350	19.2	122	3,000	yes	–	200	216 x 105	911401551832
DN142B 20S/830 PSU-E UGR19		2,300	19.2	120	3,000	yes	–	200	216 x 105	911401552032
DN142B 20S/840 PSU-E WR		2,350	19.2	122	4,000	yes	–	200	216 x 105	911401552232
DN142B 20S/840 PSU-E UGR19		2,300	19.2	120	4,000	yes	–	200	216 x 105	911401552432
DALI-Controlled										
DN142B 10S/830 PSD-E WR	2 x 18 W	1,200	10.4	115	3,000	yes	DALI	150	162 x 97	910505103586
DN142B 10S/830 PSD-E UGR19		1,150	10.4	111	3,000	yes	DALI	150	162 x 97	910505103588
DN142B 10S/840 PSD-E WR		1,200	10.4	115	4,000	yes	DALI	150	162 x 97	910505103590
DN142B 10S/840 PSD-E UGR19		1,150	10.4	111	4,000	yes	DALI	150	162 x 97	910505103592
DN142B 20S/830 PSD-E WR	2 x 26 W	2,350	20.0	118	3,000	yes	DALI	200	216 x 105	910505103594
DN142B 20S/830 PSD-E UGR19		2,250	20.0	113	3,000	yes	DALI	200	216 x 105	910505103596
DN142B 20S/840 PSD-E WR		2,350	20.0	118	4,000	yes	DALI	200	216 x 105	910505103598
DN142B 20S/840 PSD-E UGR19		2,250	20.0	113	4,000	yes	DALI	200	216 x 105	910505103601
Interact Ready										
DN142B LED20S/830 WIA-E WR IP54	2 x 26 W	2,350	20.4	115	3,000	yes	Wireless	200	216 x 105	Configurator
DN142B LED20S/830 WIA-E UGR19 IP54		2,250	20.4	110	3,000	yes	Wireless	200	216 x 105	Configurator
DN142B LED20S/840 WIA-E WR IP54		2,350	20.4	115	4,000	yes	Wireless	200	216 x 105	Configurator
DN142B LED20S/840 WIA-E UGR19 IP54		2,250	20.4	110	4,000	yes	Wireless	200	216 x 105	Configurator


Footnote explanations: see page 234

Optionally upon request: IP54 for PSU-E and PSD-E
Optionally upon request: Integrated battery 3h (ELB3) for PSD-E and WIA-E

CoreLine Slim Downlight



Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	TW ⁷	Dim-mable ⁸	 Ø (mm)	Ø x H (mm)	12NC
Recessed version, switchable										
DN145B LED6S/830_840 PSU WH	2 x 18 W	680 / 700	6.5	105 / 108	3,000 / 4,000	yes	–	80–83	85 x 25	911401816085
DN145B LED10S/830_840 PSU WH		1,080 / 1,150	9.5	114 / 121	3,000 / 4,000	yes	–	152–157	166 x 25	911401816185
DN145B LED20S/830_840 PSU WH	2 x 26 W	2,000 / 2,100	17.5	114 / 120	3,000 / 4,000	yes	–	205–210	217 x 25	911401816285
Recessed version, DALI-Controlled										
DN145B LED10S/830_840 PSD WH	2 x 18 W	1,080 / 1,150	10	108 / 115	3,000 / 4,000	yes	yes	152–157	166 x 27	911401894687
DDN145B LED20S/830_840 PSD WH	2 x 26 W	2,000 / 2,100	18	111 / 117	3,000 / 4,000	yes	yes	205–210	217 x 27	911401894787
Recessed version, IA-Controlled										
DN145B LED10S/830_840 WIA WH	2 x 18 W	1,080 / 1,150	10	108 / 115	3,000 / 4,000	yes	yes	152–157	166 x 27	911401894887
DN145B LED20S/830_840 WIA WH	2 x 26 W	2,000 / 2,100	17.5	114 / 120	3,000 / 4,000	yes	yes	205–210	217 x 27	911401894987
Accessories*										
DN145Z SM D150	Installation frame for DN145C variant, for LED10S luminaire									911401895087
DN145Z SM D200	Installation frame for DN145C variant, for LED20S luminaire									911401895187

Footnote explanations: see page 234

Recessed spotlights



GreenSpace Accent recessed spotlight

Perfect LED replacement for conventional CDM luminaires

- + Up to 140 lumens per watt
- + Average lifetime (L80): 50,000 hours
- + Swivel out or universally pivotable recessed LED spotlight for a ceiling cut-out of 175 mm
- + High light quality and efficiency thanks to the use of PerfectAccent reflectors
- + 5-year warranty

BEST



CoreLine recessed spotlights

Brilliant and flexible LED solution

- + Flexible concept of LED module and frame for many possible combinations of luminous flux, light colour and frame type. It is also possible to change the design at a later date.
- + Two sizes for ceiling cut-outs of 68 mm and 78 mm
- + Up to 115 lumens per watt
- + Dimmable with standard leading-edge and trailing-edge dimmer, with DALI or wirelessly networked for Interact Pro

BETTER

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



GreenSpace Accent recessed spotlight

Application

+ Retail, e.g. fashion shops or department stores, but also for offices or prestigious areas.



Circular ready = particularly sustainable (see page 13)



BEG

IP20

IK02

+10° to +25° C



50,000 h

Average lifetime (L80)

Warranty in years

5

up to 140 lm/W

BEST

At a glance

Advantages

- + Unobtrusive integration of the luminaire into the ceiling thanks to new, simple design
- + Ideal replacement for conventional recessed spotlights
- + The high efficiency of the light helps to reduce power consumption

Features

- + Luminous flux 1,700 – 3,900 lm
- + Luminous efficacy up to 140 lm/W
- + High colour rendering $R_a > 90$
- + Circular ready
- + Long usable life: 100,000 hours, L80
- + Controllable: ON, OFF and dimming via DALI or Interact

About the luminaire

The GreenSpace Accent recessed spotlights offer a first-class LED replacement for conventional CDM or halogen luminaires.

These LED solutions offer the best quality of light and high energy savings at a good price-performance ratio.

Thanks to the ceiling cut-out and the two mounting springs, the lights can be installed quickly and easily by just one installer.

For fashion shops, GreenSpace Accent recessed spotlights are also available with special LED modules that present the goods in the best light.

PremiumColour LED modules offer brilliant colours with intense white tones.

PremiumWhite LED modules are the best alternative for CDM Elite luminaires and offer good colour rendering with a warm ambience.



RS350B: Rigid version (fixed), cannot be aligned"



With high-quality protective disc - protects LED and reflector from dust and fingerprints for stable quality and efficiency



RS353B - very flexible cardanic swivelling in all directions thanks to 2 rings

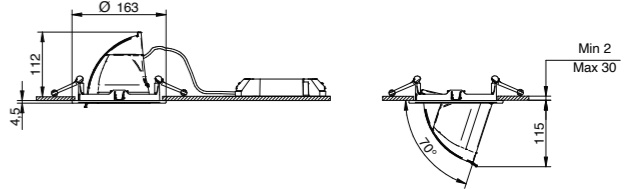
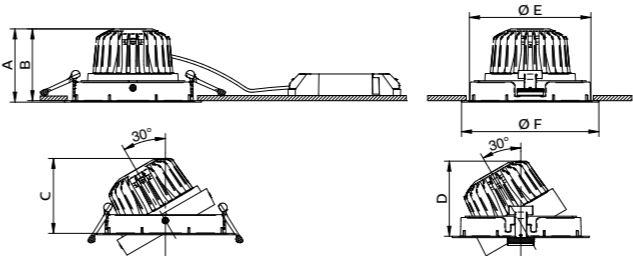


GD35xB as a variant with square frame in two versions: 1 spot and 2 spots

Dimensions and weight

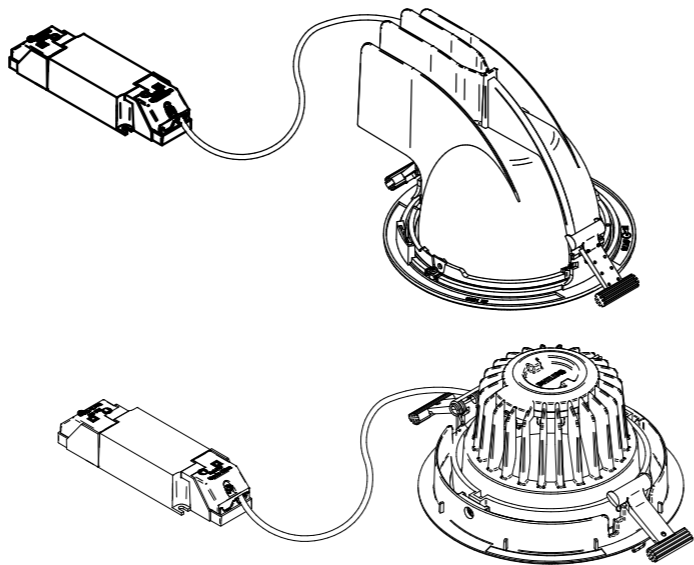
Dimensions are in mm

	Lumen package	A (mm)	B (mm)	Ø E (mm)	Ø F (mm)	Weight (kg)	Ø mm
RS350B	17S 19S 27S 39S 49S	88	84	140	163	0.6	150
RS352B	17S 19S 27S 39S 49S	112	163	-	-	0.73	150
RS353B	17S 19S 27S 39S 49S	86	82	-	163	0.6	150



GreenSpace

Accent recessed spotlight



Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.



Further product information



Mounting instructions



You can configure this product directly online in the product catalogue.

Product family code	Luminaire luminous flux lm	Colour temperature Colour rendering	Control gear	Optics	Cover	Connection cable	Housing colour	Electrical accessories
RS350B GreenSpace Accent Fix	1,700 lm LED17S	2,700 K (R _a >80) 827	switchable (external control gear) PSU-E	Medium wide beam MB	Without glass cover N	no cable NO	White WH	Preinstalled Wieland socket on plug WF
	1900 lm LED19S	3,000 K (R _a >80) 830	DALI-Controlled (external control gear) PSD-E	Wide beam WB	Glass (tempered, low-iron) FG	0.5 m cable (Eca class) with Wieland quick connector (GST18i3 / 3-pin) EW	Black BK	Pre-installed Wieland T-distributor on the plug WT
	2,700 lm LED27S	4,000 K (R _a >80) 840	DALI-Controlled, Interact Ready (external control gear) DIA-E	Very wide beam VWB		0.5 m cable (Eca class) with Wieland quick connector (GST18i3 / 3-pin) + 0.5 m cable with Wieland plug (BST14 / 2-pin) EWD		No accessories NO
RS352B GreenSpace Accent Swivel out	3,900 lm LED39S	Fresh Food Rose ROSE	DALI-Controlled, Interact System Ready + Visible Light Communication (external control gear) DIA-VLC-E			2 m cable with Wieland quick connector (GST18i3 / 3-pin) E2KW		
		FreshMeat FMT				2 m cable with Wieland quick connector (GST18i3 / 3-pin) + 2 m cable with Wieland plug (BST14 / 2-pin) E2KWD		
		PremiumWhite 3,000 K (R _a >90) PW930	Interact Ready (external control gear) WIA-E			0.5 m cable (B2ca class) with Wieland quick connector (GST18i3 / 3-pin) BW		
		PremiumColor 3,000 K (R _a >90) PC930				0.5 m cable (B2ca class) with Wieland quick connector (GST18i3 / 3-pin) + 0.5 m cable with Wieland plug (BST14 / 2-pin) BWD		
		Champagne CH				2 m cable (B2ca class) with Wieland quick connector (GST18i3 / 3-pin) B2KW		
RS353B GreenSpace Accent Universally Pivotalable		Frost FR				2 m cable (B2ca class) with Wieland quick connector (GST18i3 / 3-pin) + 2 m cable with Wieland plug (BST14 / 2-pin) B2KWD		
GD351B GreenSpace Accent with square frame, 1 spotlight								
GD352B GreenSpace Accent with square frame, 2 spotlight								

CoreLine recessed spotlight Gen2

Application

- + Accent lighting in: Hotels, restaurants, fashion shops, prestigious areas in offices, doctors' offices or hospitals
- + Also ideal for use in sanitary facilities thanks to the high protection class (IP65) and the 60° beam angle (fix version only)



About the luminaire

Fulfils the CoreLine promise - innovative, easy to install and high quality The CoreLine recessed LED spotlight as a halogen replacement for decorative accents in interiors impresses with energy savings of up to 80% and an up to 16 times longer lifetime at an attractive price-performance ratio.

This makes it easier for customers to get started with sustainable LED technology, and installation has been made simple with two fixing springs for mechanical fixing in the ceiling and the option of Loop Through-Wiring for the electrical connection.



Luminaire module (RS150/155Z MODULE)
600 / 900 lm



Round adjustable frame for IP44 room side (RS150/155Z CFRM RND ADJUST)
in white, aluminium or black



Round rigid frame for IP65 room side (RS150/155Z CFRM RND FIX)
in white, aluminium or black



50,000 h

Average lifetime (L70)

Warranty in years

5

up to 115 lm/W

BETTER

At a glance

Advantages

- + Very flexible in design thanks to simple frame replacement
- + With high room-side IP protection: IP44 in the adjustable version, IP65 in the fix version. Can be ordered as standalone, as a module/frame or as a set - therefore versatile in use
- + Simple installation thanks to plug-in connection terminals
- + Suitable for further wiring

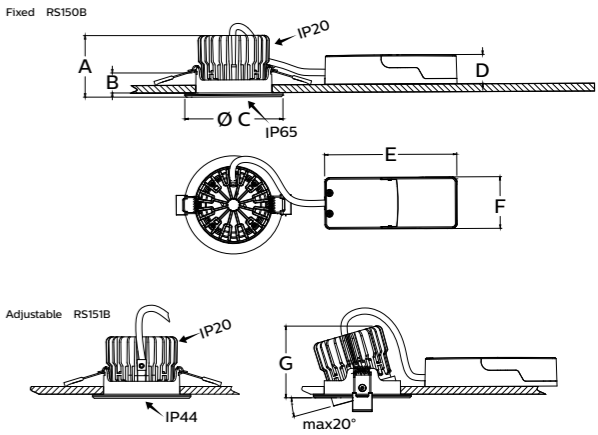
Features

- + Modular solution: Light module (RS150/155Z MODULE) and mounting frame (RS150/155Z CFRM) can be combined individually
- + Sets (RS151/156B), ready-made combination of light module and mounting frame
- + Dimmable with leading-edge and trailing-edge dimmer or wirelessly connected for Interact Pro (controllable via app)
- + Frame colours white, frosted (similar to RAL 9010), brushed aluminium, high-gloss painted (similar to RAL 7048) or black. Frame 20° adjustable.
- + With LEDs in warm white (2,700 K or 3,000 K) and neutral white (4,000 K) light colour and very good colour rendering (R_a 85)
- + The frames can also be exchanged at a later date so that a new ceiling design is possible.

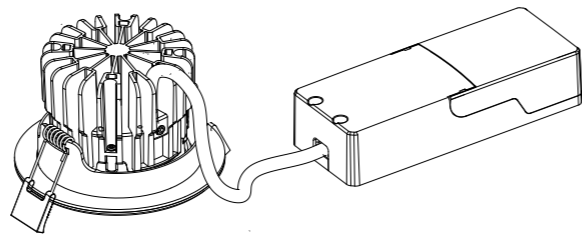
Dimensions and weight

Dimensions in mm


		A (mm)	B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
RS150B	Fix	60	20	95	28	128	50	-	0.37
RS151B	Adjustable	60	20	95	28	128	50	65	0.37



CoreLine recessed spotlight Gen2



Technical specifications

Product name	Replacement for Halogen¹	lm²	W³	lm/W⁴	K⁵	Beam angle	Dim-mable⁸	 Ø (mm)	Ø x H (mm)	12NC
Sets consisting of luminaire module & mounting frame										
Round, adjustable, dimmable via phase-cut dimming										
RS150B LED6-WB-/830 D78 PSR PI6 WH	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401898982
RS150B LED6-WB-/840 D78 PSR PI6 WH	50 W	720	7.2	100	4,000	38°	Yes	78	95 x 60	911401899082
RS150B LED6-WB-/827 D78 PSR PI6 ALU	50 W	660	7.2	92	2,700	38°	Yes	78	95 x 60	911401824584
RS150B LED6-WB-/830 D78 PSR PI6 ALU	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401810584
RS150B LED6-WB-/840 D78 PSR PI6 ALU	50 W	720	7.2	100	4,000	38°	Yes	78	95 x 60	911401824484
RS151B LED6-WB-/830 D78 PSR PI6 WH	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401897482
RS151B LED6-WB-/840 D78 PSR PI6 WH	50 W	720	7.2	100	4,000	38°	Yes	78	95 x 60	911401897682
RS151B LED6-WB-/827 D78 PSR PI6 ALU	50 W	660	7.2	92	2,700	38°	Yes	78	95 x 60	911401897882
RS151B LED6-WB-/830 D78 PSR PI6 ALU	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401897582
RS151B LED6-WB-/840 D78 PSR PI6 ALU	50 W	720	7.2	100	4,000	38°	Yes	78	95 x 60	911401897782
RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401811284
RS150B LED9-WB-/830 D78 PSR PI6 WH	50 W	900	10.2	88	3,000	38°	Yes	78	95 x 60	911401899182
RS150B LED9-WB-/840 D78 PSR PI6 WH	50 W	950	10.2	93	4,000	38°	Yes	78	95 x 60	911401899282
RS150B LED9-WB-/830 D78 PSR PI6 ALU	50 W	900	10.2	88	3,000	38°	Yes	78	95 x 60	911401810684
RS151B LED9-WB-/830 D78 PSR PI6 WH	50 W	900	10.2	88	3,000	38°	Yes	78	95 x 60	911401897982
RS151B LED9-WB-/840 D78 PSR PI6 WH	50 W	950	10.2	93	4,000	38°	Yes	78	95 x 60	911401898182
RS151B LED9-WB-/830 D78 PSR PI6 ALU	50 W	900	10.2	88	3,000	38°	Yes	78	95 x 60	911401898082
RS151B LED9-WB-/840 D78 PSR PI6 ALU	50 W	950	10.2	93	4,000	38°	Yes	78	95 x 60	911401810384
RS150B LED12-WB-/830 D78 PSR PI6 WH	> 50 W	1280	12.3	104	3,000	38°	Yes	78	95 x 60	911401899382
RS150B LED12-WB-/840 D78 PSR PI6 WH	> 50 W	1320	12.3	107	4,000	38°	Yes	78	95 x 60	911401899482
RS150B LED12-WB-/830 D78 PSR PI6 ALU	> 50 W	1280	12.3	104	3,000	38°	Yes	78	95 x 60	911401810784
RS151B LED12-WB-/830 D78 PSR PI6 WH	> 50 W	1280	12.3	104	3,000	38°	Yes	78	95 x 60	911401898282
RS151B LED12-WB-/840 D78 PSR PI6 WH	> 50 W	1320	12.3	107	4,000	38°	Yes	78	95 x 60	911401898482
RS151B LED12-WB-/830 D78 PSR PI6 ALU	> 50 W	1280	12.3	104	3,000	38°	Yes	78	95 x 60	911401898382
RS151B LED12-WB-/840 D78 PSR PI6 ALU	> 50 W	1320	12.3	107	4,000	38°	Yes	78	95 x 60	911401810484
RS151B LED12-WB-/830 D78 PSD PI10 WH	> 50 W	1280	12.3	104	3,000	38°	Yes	78	95 x 60	911401898782
RS151B LED12-WB-/840 D78 PSD PI10 WH	> 50 W	1320	12.3	107	4,000	38°	Yes	78	95 x 60	911401898882
Round, adjustable, Interact Pro ready, wirelessly networked, dimmable										
RS151B LED12-WB-/830 D78 WIA PI6 WH	> 50 W	1,280	12	107	3,000	38°	Yes	78	95 x 60	911401898582
RS151B LED12-WB-/840 D78 WIA PI6 WH	> 50 W	1,320	12	110	4,000	38°	Yes	78	95 x 60	911401898682
Modular system consisting of luminaire module & mounting frame										
Luminaire modules (requires mounting frame to be ordered separately)										
RS150Z MODULE LED6-WB-/827 D78 PSR	50 W	660	7.2	92	2,700	38°	Yes	78	95 x 60	911401899582
RS150Z MODULE LED6-WB-/830 D78 PSR	50 W	680	7.2	94	3,000	38°	Yes	78	95 x 60	911401899682
RS150Z MODULE LED6-WB-/840 D78 PSR	50 W	720	7.2	100	4,000	38°	Yes	78	95 x 60	911401899782
RS150Z MODULE LED9-WB-/830 D78 PSR	> 50 W	900	10.2	88	3,000	38°	Yes	78	95 x 60	911401899882
RS150Z MODULE LED9-WB-/840 D78 PSR	> 50 W	950	10.2	93	4,000	38°	Yes	78	95 x 60	911401899982
Round mounting frame (requires luminaire module to be ordered separately)										
RS150Z CFRM RND-FIX D78 WH	round, rigid, white							78	95	911401811384
RS150Z CFRM RND-FIX D78 ALU	round, rigid, aluminium							78	95	911401811584
RS150Z CFRM RND-FIX D78 BK	round, rigid, black							78	95	911401811484
RS150Z CFRM RND-ADJUST D80 WH	round, adjustable, white							78	95	911401811684
RS150Z CFRM RND-ADJUST D80 ALU	round, adjustable, aluminium							78	95	911401811784
RS150Z CFRM RND-ADJUST D80 BK	round, adjustable, black							78	95	911401811884
RS150Z CFRM SQR-ADJUST D80 WH	square, adjustable, white							78	95 x 29	911401811984
RS150Z CFRM SQR-ADJUST D80 ALU	square, adjustable, aluminium							78	95 x 29	911401812084
RS150Z CFRM RND-ADJUST D80 WH HALOX100	square, adjustable, aluminium, HaloX 100 concrete installation							78	95 x 29	911401812284



Track-mounted luminaires

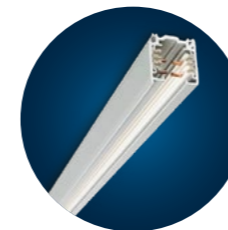


CoreLine Gen2 Track Projector

Compact and modern design

- + Up to 111 lumens per watt
- + Average lifetime (L70): 50,000 hours
- + High quality of light thanks to professional lens optics
- + 5-year warranty

BETTER



Power tracks

- + 3-phase +DALI version
- + Enables flexible positioning of the lights in the room without having to drill or saw into the ceiling
- + Large range with many accessories

BEST

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



CoreLine Track Projector Gen2

Application

+ Salesrooms, prestigious office buildings, museums



About the luminaire

The design and performance of the well-known CoreLine Track Spotlight of the latest generation have been significantly improved. This new standard for track-mounted spotlights in the retail, hotel and catering sectors sets new benchmarks.



Professional lens optics for optimum colour homogeneity; reduced glare



With passive cooling



Available in white (RAL 9003) and black (RAL 9004)

BEG

IP20

IK03

-20° to +40° C

50,000 h

Average lifetime (L70)

Warranty in years

5

up to 111 lm/W

BETTER

At a glance

Advantages

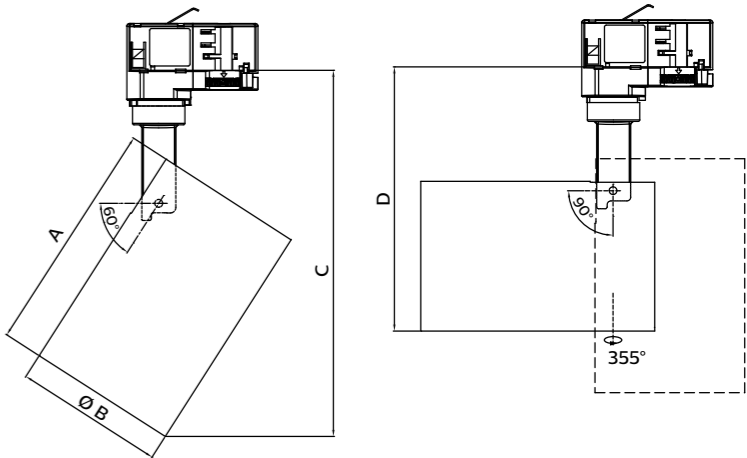
- + Unobtrusive design: Integrated control gear – no driver box
- + Compact dimensions for a modern salesroom
- + High quality of light thanks to professional lens optics
- + Reduced glare for a pleasant lighting experience
- + Energy-efficient with up to 111 lm/W

Features

- + Compact 3-phase LED Track Projector in a modern design
- + Light colours: warm white 3,000 K, neutral white 4,000 K with excellent colour rendering $R_a \geq 90$
- + Luminous flux: 3,000 lumens (replacement for up to 35 W CDM)
- + Swivel range: 60° vertical and 355° horizontal for a wide range of
- + Lighting options
- + Housing made of black or white aluminium
- + Beam angle: 25° or 38°
- + With switchable electronic control gear integrated into the luminaire
- + Passive cooling technology
- + With GA69 universal adapter – compatible with standard 3-phase power tracks (e.g. Global/Nordic Aluminium, Erco, Eutrac)

Dimensions and weight

Dimensions in mm						
	Lumen (lm)	A (mm)	Ø B (mm)	C (mm)	D (mm)	Weight (kg)
ST151T	3,000	125	80	196	141	0.51



0.51 kg

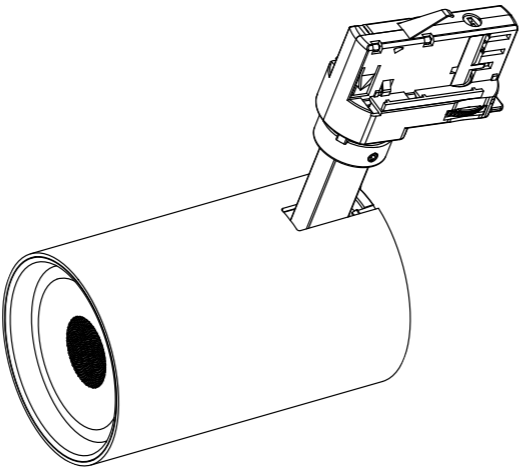
CoreLine Track Projector Gen2



Further product
information



Mounting
instructions



Technical specifications

Product name	Replacement for CDM ¹	lm ²	W ³	lm/W ⁴	Beam angle	K ⁶	L x Ø (mm)	12NC
Switchable, medium wide beam								
ST151T LED30S/930 MB WH	CDM 35W	3,000	30	100	25°	3,000	196 x 80	911401846782
ST151T LED30S/940 MB WH		3,000	27	111	25°	4,000	196 x 80	911401846882
ST151T LED30S/930 MB BK		3,000	30	100	25°	3,000	196 x 80	911401846582
ST151T LED30S/940 MB BK		3,000	27	111	25°	4,000	196 x 80	911401846682
Switchable, wide beam								
ST151T LED30S/930 WB WH	CDM 35W	3,000	30	100	38°	3,000	196 x 80	911401847182
ST151T LED30S/940 WB WH		3,000	27	111	38°	4,000	196 x 80	911401847282
ST151T LED30S/930 WB BK		3,000	30	100	38°	3,000	196 x 80	911401846982
ST151T LED30S/940 WB BK		3,000	27	111	38°	4,000	196 x 80	911401847082

Footnote explanations: see page 234



Philips Track Lighting System

Application

- + 3-phase or DALI power tracks for the installation of Track Projectors
- + Suspended or installed directly on the ceiling
- + Range of application depending on the luminaires used



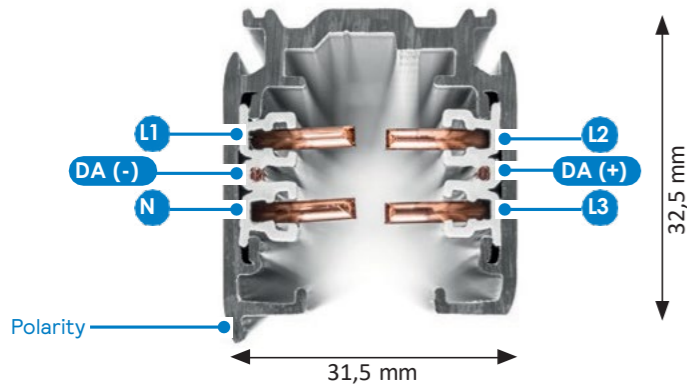
About the system

Philips power tracks are available in 2 different basic versions in the colours white, aluminium and black.

The 3-phase power track (3C) is suitable for lighting that is not dimmed, as no control lines are installed.

The 3-phase + DALI power track (5C6) is suitable for all types of lighting control. You can connect to a network and control the lighting via DALI, DALI2, 1-10V or D4i/SR with a control system such as Dynalite or KNX.

In addition to the power tracks, the system consists of a wide range of accessories that enable very flexible installations for practically all interior lighting applications.



Explanation of the power track



+10° to +35° C



At a glance

Advantages

- + Compatible with all Philips Track Projector and Track Projectors from many other manufacturers
- + Enables flexible positioning of the lights in the room without having to drill or saw into the ceiling.
- + Large range of accessories for flexible use of the power tracks beyond lighting (integration of sockets, advertising panel hangers, etc.)

Features

- + 3-phase and as 3-phase+DALI version
- + Ceiling extension or installation variants
- + Three timeless colours to match the standard colours of Philips Track Projectors: White, black, aluminium
- + Also suitable for wireless-controlled lighting, e.g. with WIA control gear

No.	Type	Compatibility	Polarity
1	ZRS750 EPSR	XTSC611-...	
2	ZRS750 EPSL	XTSC612-...	
3	ZRS750 CCPI	XTSC634-...	
4	ZRS750 CCPE	XTSC635-...	
5	ZRS750 TCPRE	XTSC636-...	
6	ZRS750 TCPLI	XTSC637-...	
7	ZRS750 XCP	XTSC638-...	
8	ZRS750 TCPLI	XTSC639-...	
9	ZRS750 TCPRI	XTSC640-...	

Philips Track Lighting System

			Proposed quantity for Power track length					
Colour	Type	Description	2 m	6 m	8 m	12 m	Designation	12NC
Black	3-phase power track	100 cm	2	6	8	12	RCS750 3C L1000 BK	910930013218
Black	3-phase power track	200 cm	1	3	4	6	RCS750 3C L2000 BK	910930013318
Black	3-phase power track	300 cm	-	2	-	4	RCS750 3C L3000 BK	910930013418
Black	3-phase power track	400 cm	-	-	2	3	RCS750 3C L4000 BK	910930013518
Black	Cover panel	3000 cm, finger protection	1	2	3	4	ZRS750 CS BK	910503910246
Black	Power supply	End feed left	1	1	1	1	ZCS750 EPSL BK	910502558418
Black	Power supply	End feed right	1	1	1	1	ZCS750 EPSR BK	910502558518
Black	Power supply	Central supply	1	1	1	1	ZCS750 CPS BK	910502559118
Black	End cap	Finger protection	2	2	2	2	ZRS750 EP BK	910502558618
Black	Installation	Ceiling canopy	3	7	9	13	ZRS700 SMC BK SUSP CAP	910503910241
Black	Installation	Joint connector, short	3	7	9	13	ZRS700 SPC BK SUSP CLAMP	910503910236
Black	Installation	Joint connector, long	-	-	-	-	ZRS700 SPCL BK SUSP CLAMP L	910503910238
Black	Connector, electrical	I Longitudinal connector					ZRS750 ICP BK	910502558718
Black	Connector, electrical	L (90°) Corner connector, internal					ZRS750 CCPI BK	910502558918
Black	Connector, electrical	L (90°) Corner connector, external					ZRS750 CCPE BK	910502558818
Black	Connector, electrical	T-connector left, inner	-	-	-	-	ZRS750 TCPLI BK	910503910225
Black	Connector, electrical	T-connector right, inner	-	-	-	-	ZRS750 TCPRI BK	910503910231
Black	Connector, electrical	T-connector left, outer	-	-	-	-	ZRS750 TCPL BK	910503910230
Black	Connector, electrical	T-connector right, outer	-	-	-	-	ZRS750 TCPR BK	910502559018
Black	Connector, electrical	X-coupler	-	-	-	-	ZRS750 CPX BK	910503910228
Black	Connector, electrical	Flexible angled connector (60-360°)	-	-	-	-	ZRS750 CPF BK	910930013618
Black	Accessories	3-phase cable adapter (5x1.5mm²)	-	-	-	-	ZRS750 3C AD3P BK	912401483163
Black	Accessories	Schuko socket outlet adapter (10 A)	-	-	-	-	ZRS750 SCHUKO ADP BK	912401483240
White	3-phase power track	100 cm	2	6	8	12	RCS750 3C L1000 WH	910500188815
White	3-phase power track	200 cm	1	3	4	6	RCS750 3C L2000 WH	910500188915
White	3-phase power track	300 cm	-	2	-	4	RCS750 3C L3000 WH	910500189015
White	3-phase power track	400 cm	-	-	2	3	RCS750 3C L4000 WH	910500189115
White	Cover panel	3000 cm, finger protection	1	2	3	4	ZRS750 CS WH	910930009518
White	Power supply	End feed left	1	1	1	1	ZRS750 EPSL WH	910500187315
White	Power supply	End feed right	1	1	1	1	ZRS750 EPSR WH	910500187215
White	Power supply	Central supply	1	1	1	1	ZCS750 CPS WH	910500187615
White	End cap	Finger protection	2	2	2	2	ZRS750 EP WH	910500187715
White	Installation	Caddy clip, quick-fit grid ceiling	4	10	13	20	ZRS700 T-BAR SUSP WH	910503910274
White	Installation	Ceiling canopy	3	7	9	13	ZRS700 SMC WH SUSP CAP	910930009818
White	Installation	Holder for 2 mm hooks	-	-	-	-	ZRS750 ADH XTAK142 WH	910503910285
White	Installation	Joint connector, short	3	7	9	13	ZRS700 SPC WH SUSP CLAMP	910503910237
White	Installation	Joint connector, long	-	-	-	-	ZRS700 SPCL WH SUSP CLAMP L	910503910239
White	Connector, electrical	I Longitudinal connector					ZRS750 ICP WH	910500187415
White	Connector, electrical	L (90°) Corner connector, internal					ZRS750 CCPI WH	910500187815
White	Connector, electrical	L (90°) Corner connector, external					ZRS750 CCPE WH	910500187915
White	Connector, electrical	T-connector left, inner					ZRS750 TCPLI WH	910503910226
White	Connector, electrical	T-connector right, inner					ZRS750 TCPRI WH	910503910232
White	Connector, electrical	T-connector left, outer					ZRS750 TCPL WH	910500188115
White	Connector, electrical	T-connector right, outer					ZRS750 TCPR WH	910500188015
White	Connector, electrical	X-coupler					ZRS750 5C6 CPX WH	910500188215
White	Connector, electrical	Flexible angled connector (60-360°)					ZRS750 CPF WH	910500187515
White	Accessories	3-phase cable adapter (5x1.5mm²)	-	-	-	-	ZRS750 3C AD3P WH	910930023018
White	Accessories	Schuko socket outlet adapter (10 A)	-	-	-	-	ZRS750 SCHUKO ADP WH	912401483239
All	Installation	2 mm hook	-	-	-	-	ZRS750 XTAK11 HOOK STEEL	910503910286

			Proposed quantity for Power track length					
Colour	Type	Description	2 m	6 m	8 m	12 m	Designation	12NC
All	Installation	Bending tool	-	-	-	-	ZCS750 TRACK WIRE BENDING TOOL	910503910301
All	Installation	Mounting clip & steel line with loop (5 m)	3	7	9	13	ZRS700 CLAMP LOOP GRPL L5000	912401483278
All	Installation	Steel line, 1.5 m (150 N)	3	7	9	13	ZRS700 SMS SUSP SET L1500	910930009918
All	Installation	Steel line, 3 m (150 N)	3	7	9	13	ZRS700 SMS SUSP SET L3000	910503910242
All	Installation	Steel line, 5 m (150 N)	3	7	9	13	ZRS700 SMS SUSP SET L5000	910503910243



Floodlights



OptiVision floodlights

The most modern area and sports arena lighting

- + Up to 157 lm/W
- + System luminous flux between 79,000 and 223,000 lumens
- + Average lifetime (L94): 100,000 hours
- + Symmetrical or asymmetrical distribution optics
- + 5-year warranty



ClearFlood floodlights

Efficient LED solution for area lighting

- + Up to 170 lm/W
- + System luminous flux between 9,000 and 81,000 lumens
- + Average lifetime (L90): 100,000 hours
- + Optimised optics for area and sports field lighting
- + 3 different sizes (BVP655, BVP656, BVP657)
- + Light colours from 2,700 K to 5,700 K available
- + 5-year warranty



CoreLine Tempo floodlights

Compact and efficient

- + Up to 149 lm/W
- + System luminous flux between 4,260 and 30,000
- + Average lifetime (L80): up to 100,000 hours
- + Symmetrical or asymmetrical beam distribution optics
- + Compact, robust and very flat light housing
- + 5-year warranty

BEST

BETTER

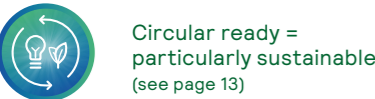
Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



OptiVision LED Gen3.5

Application

- + Logistical areas (harbours)
- + Apron lighting (airports), parking lots and industrial areas
- + Community sports facilities (football, hockey, basketball, golf, tennis, etc.)



Circular ready = particularly sustainable (see page 13)



About the luminaire

The OptiVision Gen3.5 LED floodlight constitutes a comprehensive lighting solution for simple as well as for complex area lighting applications and floodlight systems.

These high-efficiency floodlights provide for a simple installation using a mounting bracket with pre-installed control gear (HGB) or an additional control gear (BV) for external installation in the mast or the machinery room.

The floodlight fulfil the highest performance standards, offer outstanding light quality and guarantee safety and visual comfort.

For area lighting applications, the OptiVision Gen3.5 LED in combination with advanced system controls offers new possibilities for reducing energy consumption and increasing flexibility.



BVP528: Version with 3 LED modules



BVP518: Version with 2 LED modules



Optional mounting of the control gear on the mounting bracket (HGB)



Internal anti-glare louvre LO



100,000 h
Average lifetime (L94)

Warranty
in years

5

up to 157 lm/W

BEST

At a glance

Advantages

- + Highly efficient optics and accessories (telescopic sight/ LO anti-glare louvre) for optimum stray light control and prevention of light pollution
- + An optional system control unit enables additional energy savings (can also be realised retrospectively)
- + Minimisation of maintenance costs and energy consumption thanks to long-life LEDs and optimised thermal management of the floodlight as well as the reliable external IP66 control gear

Features

- + Replaces traditional HID floodlights up to 2,000 W
- + High-efficiency optical system with symmetrical or asymmetrical light distribution
- + Further savings possibilities from additional control and dimming
- + Simple installation and maintenance thanks to the external control gear and low weight

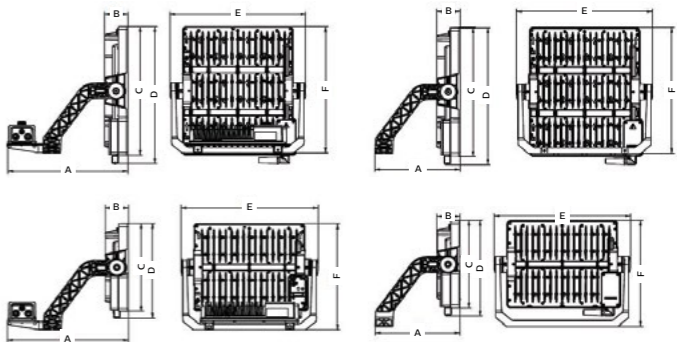
Accessories



Adjustment aid incl. telescopic sight for standardised lighting*

Dimensions and weight

Dimensions in mm								
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)	
							HGB	BV
BVP528	612	118	655	695	695	643	31	25
BVP518	612	118	445	484	695	538	27	21



* Adjustment aid & telescopic sight differ from illustration

OptiVision LED Gen3.5



Further product information



Mounting instructions

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code		Colour temperature		Luminaire luminous flux (LED module) – external			Luminaire luminous flux (LED module) – internal			Housing	Optics	Glare protection equipment	Protective coat	Housing colour*	Control gear	Lighting control		
		Ambient temperature (TA) in °C		T35	T40	T45	T35	T45										
OptiVision LED Large	BVP528	5,700 K (R _a >70) 757		259,000 lm LED2590	248,000 lm LED2480	230,000 lm LED2300	230,000 lm LED2300	193,000 lm LED1930	External control unit included BV ¹ Control gears attached to mounting bracket HGB	Asymmetrical optics: Narrow beam / lmax 35 degrees A35-NB Medium wide beam / lmax 35 degrees A35-MB Wide beam / lmax 35 degrees A35-WB Very wide beam / lmax 35 degrees A35-VWB Narrow beam / lmax 55 degrees A55-NB Medium wide beam/ lmax 55 degrees A55-MB Wide beam / lmax 55 degrees A55-W Narrow beam / lmax 65 degrees A65-NB Wide beam / lmax 65 degrees A65-WB	No anti-glare louvre Internal anti-glare louvre (medium-level stray light protection) LTM Internal anti-glare louvre (version for optimum control and stray light reduction in accordance with LAI) LO External anti-glare louvre L	No safety coat Special treatment for use at swimming pools SPO Sea salt protection MSP	not painted (ALU natural) N light grey GR dark grey DGR	switchable PSU	-			
		4,000 K (R _a >70) 740						DALI-Controlled PSD						-				
		3,000 K (R _a >70) 730		247,000 lm LED2470	237,000 lm LED2370	222,000 lm LED2220	-	-						DynaDimmer PSDD	Dynadimmer-Regime 1 DDF1 Dynadimmer-Regime 2 DDF2 Dynadimmer-Regime 3 DDF3			
OptiVision LED Small	BVP518	5,700 K (R _a >70) 757		172,000 lm LED1720	164,000 lm LED1640	147,000 lm LED1470	147,000 lm LED1470	111,000 lm LED1110		Symmetrical optics ¹ S	External anti-glare louvre L			SR control gear fixed to the mounting bracket SRT-HGB SR control gear with SR socket on the side of the mounting bracket SRT-BV Coded Mains integrated in the box CM	-			
		4,000 K (R _a >70) 740																
		3,000 K (R _a >70) 730		165,000 lm LED1650	156,000 lm LED1560	140,000 lm LED1400	-	-										
										¹ Mounting possible up to a distance of 200 m from the floodlight	¹ Please discuss details with your Signify representative			[*] Other colours available on request				

Technical specifications

Product name	Replacement for high-pressure discharge lamp ¹	lm ²	W ³	lm/W ⁴	K ⁶	L x W x H (mm)	12NC
Asymmetrical optics, DALI dimmable							
BVP528 2590/740 BV A35-WB D9 T35 OUT LO	2,000 W	181,300	1,500	121	4,000	737 × 695 × 128	912300060439
BVP528 2590/740 BV A35-NB D9 T35 OUT LO	2,000 W	152,800	1,500	102	4,000	737 × 695 × 128	912300060437
BVP518 1720/740 BV A35-WB D9 T35 OUT LO	1,000 W	120,400	1,010	119	4,000	538 × 695 × 118	912300060430
BVP528 2470/730 BV A35-WB D9 T35 OUT LO	2,000 W	167,900	1,500	112	3,000	737 × 695 × 128	Configurator
BVP528 2470/730 BV A35-NB D9 T35 OUT LO	2,000 W	140,800	1,500	94	3,000	737 × 695 × 128	912300060443
BVP518 1650/730 BV A35-WB D9 T35 OUT LO	1,000 W	112,200	1,000	112	3,000	538 × 695 × 118	912300060434
BVP528 2590/740 BV A65-WB D9 T35 OUT	2,000 W	196,800	1,500	131	4,000	737 × 695 × 128	Configurator
BVP518 1720/740 BV A65-WB D9 T35 OUT	1,000 W	130,700	1,010	129	4,000	538 × 695 × 118	Configurator

Footnote explanations: see page 234

Example: Standard football pitch class III: 75 lux

Sample plant: 6 masts (16 m), 75 lux

Corner masts in the corner flag area



Technical specifications

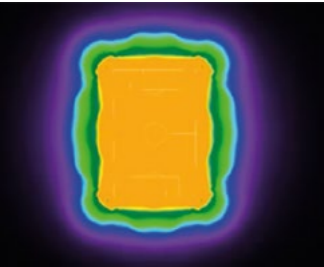
Masts	6 pcs, height: 16 m
Floodlights	4 x OptiVision LED Gen3.5, 1010 W 2 x OptiVision LED Gen3.5, 1,500 W
Product name ¹⁾	4 x BVP518 100K 1xLED1720/740 A + LO 2 x BVP528 100K 1xLED2590/740 A + LO
Plant system performance	7 kW
Eh medium	> 75 lux according to EN 12193
Emin/medium	> 0.5
Colour rendering R _a	> 70
Glare GR max	55
Light over 90° ULOR	0%
Maintenance factor MF	0.9

1) The light calculation including choice of optics and alignment coordinates is provided when the order is placed.

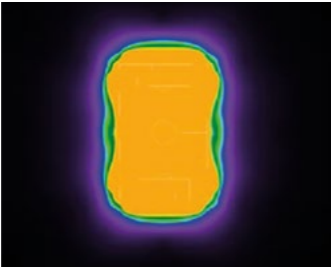
The ideal floodlight, even for densely built-up residential areas

- It will take just six floodlights to bring the players into the correct spotlight “for the happiness of the onlookers”
- With anti-glare louvre (LO) can also be used in residential areas
- Optimally suitable for renovations, works both with 230 V as well as 400 V systems.
- Thanks to the use of internal anti-glare louvre, external protection guards that increase the wind load are redundant
- Instant LED light can also be reduced during breaks between training sessions
- Minimisation of maintenance costs and the risk of failure thanks to long-lasting and efficient LED

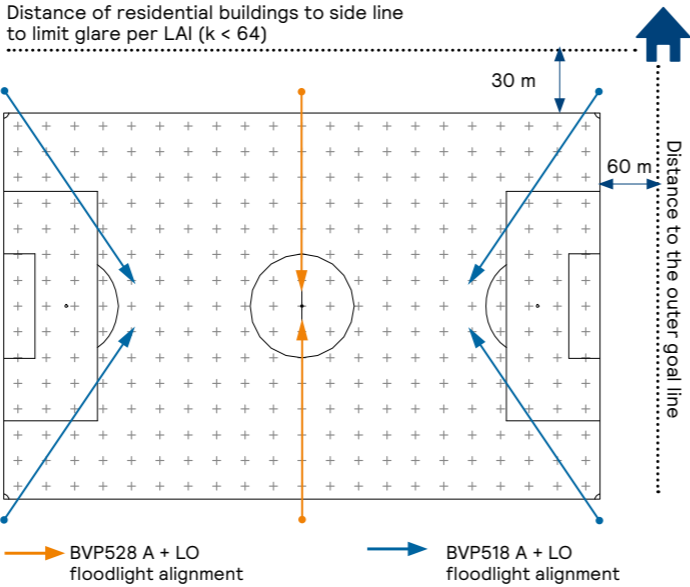
2) Information on the measurement, assessment and reduction of light immissions from the Federal/Länder Working Group on Immission Control (LAI) Resolution of the LAI of 13.09.2012



Standard:
Illumination of a sports field with normal floodlights without stray light limitation



LO:
Illumination of a sports field with normal floodlights with stray light limitation (LO)



Perfect Play Basis control unit for simple energy saving & dimming (BMU eligible)

- Simple installation of the control components in the control cabinet
- For example dimming the lighting to 50% at the touch of a button
- No need to install additional cables from the control cabinet to the mast/floodlight
- Thanks to LED technology and lighting control, CO₂ as well as energy and maintenance costs are reduced
- Easy upgrade to premium version (interactive control via tablet or smartphone) possible via certified partners

* Depending on field and mast geometry. As compared to conventional lighting with 2,000 W floodlights.



ClearFlood Gen2

Application

- + Airports and harbours
- + Industrial and logistics areas
- + Sports facilities



ClearFlood Gen2 small

ClearFlood Gen2 medium

ClearFlood Gen2 large

About the luminaire

This second generation of the ClearFlood family takes the total cost of ownership of your project to a new level. The product range is available in three sizes (BVP655, BVP656, BVP657) and has been specially developed for lighting sports fields and large areas

such as logistics centres, car parks and storage areas. The design of the floodlight allows for easy integration of a Zhaga socket, enabling simple expansion with the Interact system or the multisensor.



Standard version



Optional: Can be opened without tools



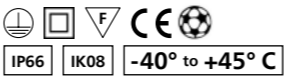
Easy access to the equipment carrier



Zhaga interface (top)



Zhaga interface (top + bottom)



100,000 h
Average lifetime (L90)

Warranty
in years **5**

up to **170 lm/W** **BEST**

At a glance

Advantages

- + Very attractive operating costs thanks to very high efficiency (lm/W) and very long service life
- + Various control options ensure intelligent lighting with higher efficiency
- + Durable, robust construction

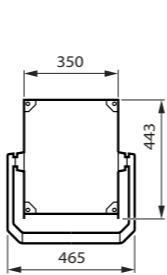
Features

- + Optimised optics for area and sports field lighting
- + 3 sizes (BVP655, BVP656, BVP657)
- + Light colours from 2,700 K to 5,700 K available
- + Developed as a 1:1 replacement for conventional floodlights with high-pressure discharge lamps up to 1,000 W
- + Zhaga socket available at the top and/or bottom

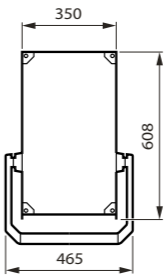
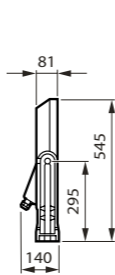
Dimensions and weight

Dimensions in mm

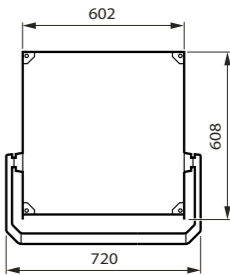
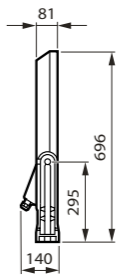
	Weight (kg)
BVP655	max. 12,5
BVP656	max. 17
BVP657	max. 28



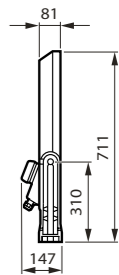
BVP655 small



BVP656 medium



BVP657 large



ClearFlood Gen2



Further product information



Mounting instructions

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Luminous flux (LED module)				Optics	Anti-glare accessories	Cover	Protection class	Housing colour*	Safety coating	Lighting control	Constant luminous flux	Surge Protection						
	5,700 K (R _a >70) 757	4,000 K (R _a >70) 740	3,000 K (R _a >70) 730	2,700 K (R _a >70) 727															
ClearFlood Gen2 Small BVP655 10,000 lm – 30,000 lm	LED930 93,000 lm	LED930 93,000 lm	LED850 85,000 lm	LED750 75,000 lm	Narrow beam / lmax 35 degrees	No anti-glare screen	Screw-fixed flat glass	Protection class I	RAL 9007 ALU	No protective coating N	Switchable	No constant lumen output N	Standard surge protection STD						
	LED900 90,000 lm	LED900 90,000 lm	LED800 80,000 lm	LED700 70,000 lm	A35-NB	N	FG	I			PSU								
	LED850 85,000 lm	LED850 85,000 lm	LED750 75,000 lm	LED650 65,000 lm	Medium beam / lmax 35 degrees	Internal anti-glare grid (low limitation of stray light) LT	Tool-free opening flat glass FG-TO	Protection class II II			Special coating for use in swimming pool environments SPO			DALI					
	LED800 80,000 lm	LED800 80,000 lm	LED700 70,000 lm	LED600 60,000 lm	A35-MB									D9					
	LED750 75,000 lm	LED750 75,000 lm	LED650 65,000 lm	LED550 55,000 lm	Wide beam / lmax 35 degrees									Switched phase D11					
	LED700 70,000 lm	LED700 70,000 lm	LED600 60,000 lm	LED500 50,000 lm	A35-WB														
	LED650 65,000 lm	LED650 65,000 lm	LED550 55,000 lm	LED450 45,000 lm	Very wide beam / lmax 35 degrees	Seawater resistance MSP	Dynadimmer D18												
	LED600 60,000 lm	LED600 60,000 lm	LED500 50,000 lm	LED400 40,000 lm	A35-VWB														
	LED550 55,000 lm	LED550 55,000 lm	LED450 45,000 lm	LED350 35,000 lm	Narrow beam / lmax 55 degrees			Internal anti-glare grid (medium limitation of scattered light) LTM						Dynadimmer + DALI D24					
	LED500 50,000 lm	LED500 50,000 lm	LED400 40,000 lm	LED300 30,000 lm	A55-NB														
LED450 45,000 lm	LED450 45,000 lm	LED350 35,000 lm	LED250 25,000 lm	Medium beam / lmax 55 degrees	Internal anti-glare grid (design for optimum control and limitation of stray light in accordance with LAI) LO		Coded Mains D28												
LED400 40,000 lm	LED400 40,000 lm	LED300 30,000 lm	LED240 24,000 lm	A55-MB															
LED350 35,000 lm	LED350 35,000 lm	LED290 29,000 lm	LED230 23,000 lm	Wide beam / lmax 55 degrees								SR socket (top) SRT							
LED300 30,000 lm	LED300 30,000 lm	LED280 28,000 lm	LED220 22,000 lm	A55-WB															
LED290 29,000 lm	LED290 29,000 lm	LED270 27,000 lm	LED210 21,000 lm	Narrow beam / lmax 65 degrees												SR socket (bottom) SRB			
LED280 28,000 lm	LED280 28,000 lm	LED260 26,000 lm	LED200 20,000 lm	A65-NB															
LED270 27,000 lm	LED270 27,000 lm	LED250 25,000 lm	LED190 19,000 lm	Wide beam / lmax 65 degrees															SR socket (top and bottom) SRTB
LED260 26,000 lm	LED260 26,000 lm	LED240 24,000 lm	LED180 18,000 lm	A65-WB															
LED250 25,000 lm	LED250 25,000 lm	LED230 23,000 lm	LED170 17,000 lm	A35-NWB															
LED240 24,000 lm	LED240 24,000 lm	LED220 22,000 lm	LED160 16,000 lm	A35-NMB															
LED230 23,000 lm	LED230 23,000 lm	LED210 21,000 lm	LED150 15,000 lm	A55-NMB															
LED220 22,000 lm	LED220 22,000 lm	LED200 20,000 lm	LED140 14,000 lm	A65-NWB															
LED210 21,000 lm	LED210 21,000 lm	LED190 19,000 lm	LED130 13,000 lm	Very wide beam / lmax 35 degrees															
LED200 20,000 lm	LED200 20,000 lm	LED180 18,000 lm	LED120 12,000 lm	A65-VWB															
LED190 19,000 lm	LED190 19,000 lm	LED170 17,000 lm	LED110 11,000 lm	Wide beam															
LED180 18,000 lm	LED180 18,000 lm	LED160 16,000 lm	LED100 10,000 lm	DW10															
LED170 17,000 lm	LED170 17,000 lm	LED150 15,000 lm		Wide beam															
LED160 16,000 lm	LED160 16,000 lm	LED140 14,000 lm		DW30															
LED150 15,000 lm	LED150 15,000 lm	LED130 13,000 lm																	
LED140 14,000 lm	LED140 14,000 lm	LED120 12,000 lm																	
LED130 13,000 lm	LED130 13,000 lm	LED110 11,000 lm																	
LED120 12,000 lm	LED120 12,000 lm	LED100 10,000 lm																	
LED110 11,000 lm	LED110 11,000 lm																		
LED100 10,000 lm	LED100 10,000 lm																		

Luminous flux selectable from 10,000 lm to 93,000 lm depending on the housing size

* Other colours available on request

ClearFlood Gen2



Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁶	L x W x H (mm)	12NC
Optics for large areas						
BVP655 LED300-4S/740 A65-WB ALU	24,500	171	143	4,000	545 x 465 x 85.5	Configurator
BVP656 LED600-4S/740 A65-WB ALU	49,200	340	145	4,000	608 x 465 x 85.5	Configurator
BVP657 LED930-4S/740 A65-WB ALU	76,500	531	144	4,000	608 x 720 x 90.5	Configurator
Optics for small to medium-sized areas						
BVP655 LED300-4S/740 A55-MB ALU	25,600	171	150	4,000	545 x 465 x 85.5	Configurator
BVP656 LED600-4S/740 A55-MB ALU	51,800	340	152	4,000	608 x 465 x 85.5	Configurator
BVP657 LED930-4S/740 A55-MB ALU	80,300	531	151	4,000	608 x 720 x 90.5	Configurator
Optics for high illuminance levels						
BVP655 LED300-4S/740 A35-MB ALU	26,200	171	153	4,000	545 x 465 x 85.5	Configurator
BVP656 LED600-4S/740 A35-MB ALU	52,100	340	153	4,000	608 x 465 x 85.5	Configurator
BVP657 LED930-4S/740 A35-MB ALU	81,100	531	153	4,000	608 x 720 x 90.5	Configurator
Optics for roads						
BVP655 LED300-4S/740 DW10 ALU	25,400	171	148	4,000	545 x 465 x 85.5	Configurator
BVP656 LED600-4S/740 DW10 ALU	50,400	340	148	4,000	608 x 465 x 85.5	Configurator
BVP657 LED930-4S/740 DW10 ALU	78,500	531	148	4,000	608 x 720 x 90.5	Configurator

Footnote explanations: see page 234



CoreLine Tempo

Application

- + Open spaces and sports facilities
- + Industrial space and loading zones
- + Building facades



About the luminaire

Fulfil the CoreLine promise – innovative, simple to install and high-quality. CoreLine Tempo is a highly efficient and compact LED floodlight.

The floodlight, which is intended as a 1:1 replacement for conventional installations, is characterised by lower system performance and lower investment costs.

The choice between asymmetrical or symmetrical optics allows for use in numerous applications.



Robust and very flat housing



Easy electrical connection with external cable connector (IP68).

IK08

-40° to +45° C

EPD

Eco

100,000 h

Average lifetime (L80)

Warranty in years

5

up to 149 lm/W

BETTER

At a glance

Advantages

- + Developed for 1:1 replacement of conventional floodlights with High-Pressure Discharge Lamps up to 400 W
- + Luminous flux packages from 4,260 to 30,000 lumens
- + Compact, robust and very flat light housing

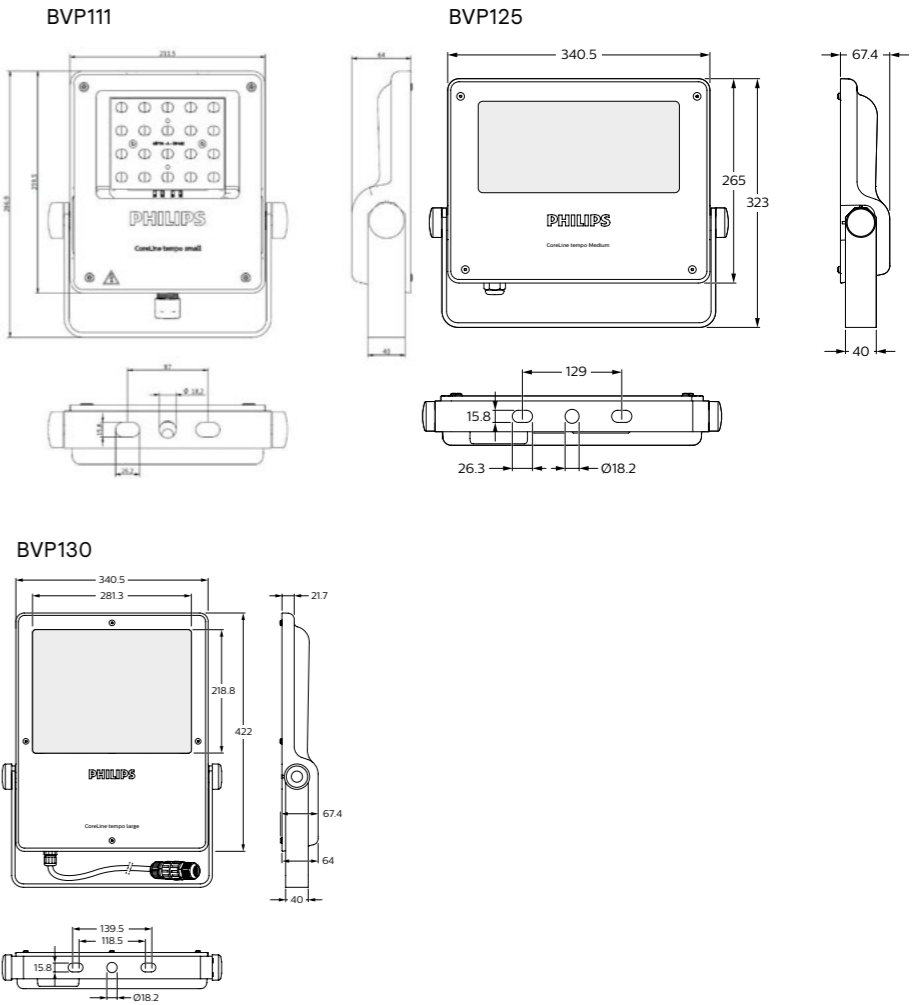
Features

- + Very high energy savings compared to conventional lighting solutions
- + Pre-installed connection cable (1 m) with cable connector for easy installation
- + Highly efficient: up to 149 lm/W luminous efficacy
- + Optionally upon request: DALI (PSD), LumiStep 6 and 8 hours
- + Optional on request: special for swimming pools (SPO), salt water resistant paint (MSP)

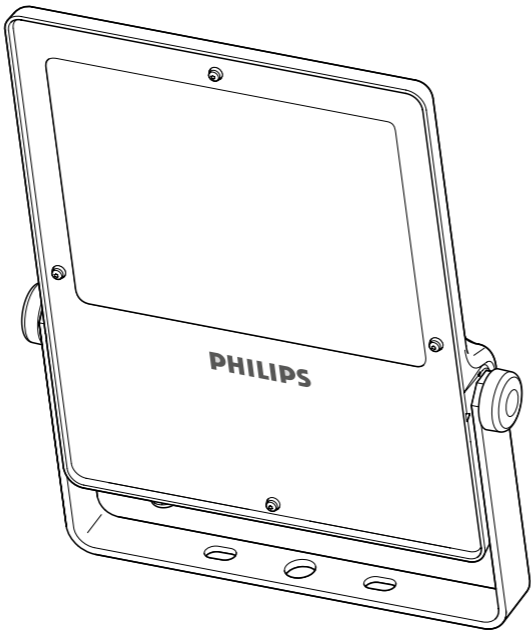
Dimensions and weight

Dimensions in mm

	Weight (kg)
BVP111	2,7
BVP125	5
BVP130	7,0/7,5



CoreLine Tempo



Further product information (BVP111)



Further product information (BVP125)



Further product information (BVP130)



Mounting instructions (BVP111)



Mounting instructions (BVP125)



Mounting instructions (BVP130)

Technical specifications

Product name	Replacement for high-pressure discharge lamp¹	lm²	W³	lm/W⁴	K⁶	L x W x H (mm)	12NC
BVP111 LED49-4S/730 S	up to 70W	4,263	31	136	3,000	286,9 x 211,5 x 64	912300060470
BVP111 LED49-4S/730 OFA52	up to 70W	4,263	31	136	3,000	286,9 x 211,5 x 64	912300060468
BVP111 LED51-4S/740 S	up to 70W	4,437	31	142	4,000	286,9 x 211,5 x 64	912300060467
BVP111 LED51-4S/740 OFA52	up to 70W	4,437	31	142	4,000	286,9 x 211,5 x 64	912300060466
BVP125 LED73-4S/740 OFA52	up to 150W	6,278	43	145	4,000	286,9 x 211,5 x 64	912300060469
BVP125 LED80-4S/740 PSU S ALU C1KC3	up to 150W	8,000	57	148	4,000	340,5 x 265 x 67,4	912300024004
BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	up to 150W	8,000	57	148	4,000	340,5 x 265 x 67,4	910771137625
BVP125 LED120-4S/740 PSU S ALU C1KC3	up to 250W	12,000	90	137	4,000	340,5 x 265 x 67,4	912300024003
BVP130 LED160-4S/740 PSU S ALU C1KC3	up to 250W	16,000	109	154	4,000	340,5 x 265 x 67,4	912300023665
BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	up to 250W	16,000	109	150	4,000	340,5 x 265 x 67,4	912300023662
BVP130 LED210-4S/740 PSU S ALU C1KC3	up to 400W	21,000	141	147	4,000	340,5 x 265 x 67,4	912300023664
BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	up to 400W	21,000	141	144	4,000	340,5 x 265 x 67,4	912300023661
BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	up to 400W	26,000	182	146	4,000	340,5 x 265 x 67,4	912300023663
BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	up to 400W	26,000	182	143	4,000	340,5 x 265 x 67,4	912300023660

Footnote explanations: see page 234



Road and street lights



LumiStreet Gen2

The most efficient and longest-operating LED street light

- + Up to 200 lumens per watt
- + Average lifetime (L95): 100,000 hours
- + High protection class and impact resistance
- + Universal mast adapter: Post top and side entry mounting size 48-76 mm
- + Homogeneous light distribution thanks to multiple overlay optics
- + 5-year warranty

BEST

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



LumiStreet Gen2

Application

- + Main and side streets
- + Residential areas and residential streets
- + Car parks



Circular ready =
particularly sustainable
(see page 13)



About the luminaire

In many cities today, public lighting is outdated and urgently needs to be replaced, although the funds available for this are limited. We offer a suitable solution to this problem.

With its compact design and modern LED architecture, the LumiStreet Gen2 is a versatile, cost-effective luminaire that fulfils the basic functional requirements of street lighting. It consists of high-quality components that guarantee a long service life and low maintenance costs.

The result: A street light that provides effective lighting and at the same time saves on energy and maintenance costs. Modern design for projects with a low budget. In addition, the Philips Service Tag enables simple installation and maintenance and the optional SR interface for connecting sensors or Interact City makes the luminaire future-proof.



100,000 h
Average lifetime (L95)

Warranty
in years **5**

up to **200 lm/W**

BEST

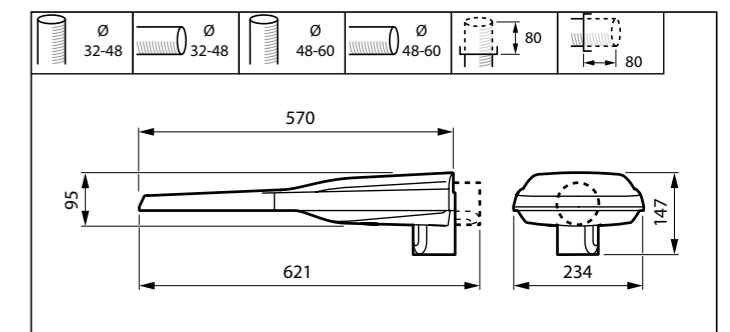
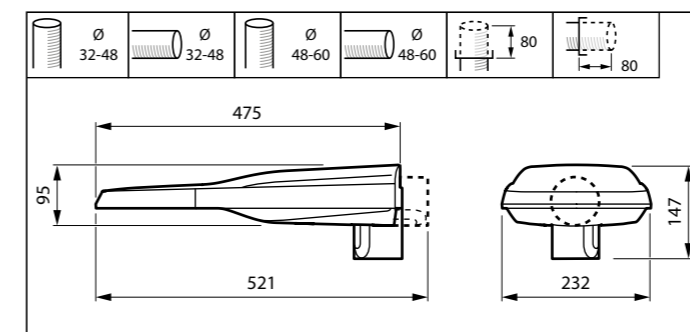
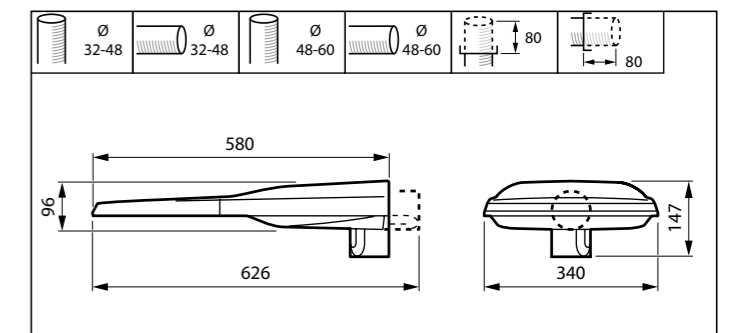
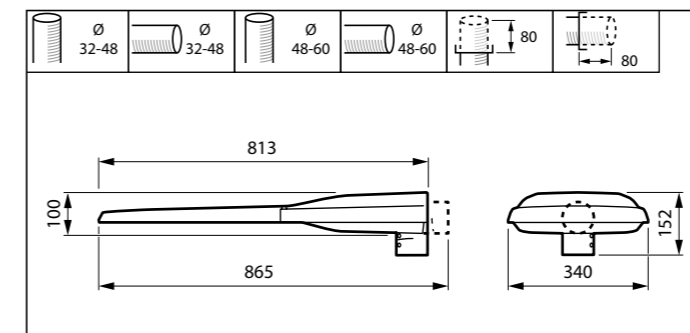
At a glance

Advantages

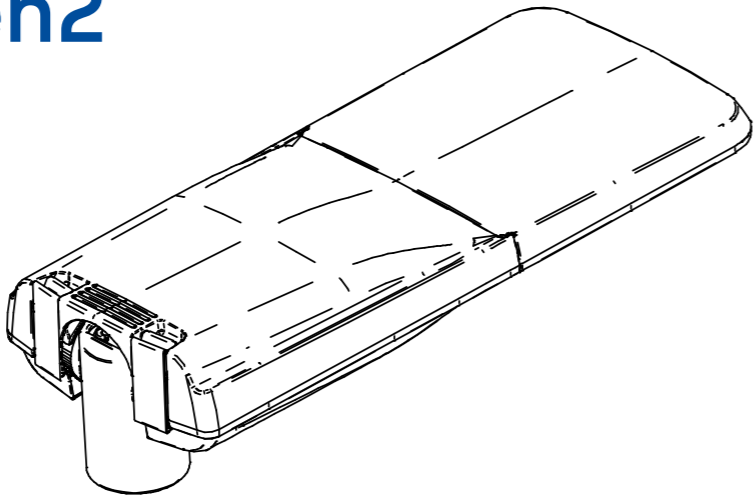
- + Cost-efficient LED alternative to conventional street lighting
- + Long lifetime with low maintenance costs
- + Simple installation

Features

- + Large selection of light distributions for high efficiency
- + Future-proof thanks to Zhaga interface
- + Low weight
- + Available in four sizes
- + Can optionally be opened without tools (Pro version)



LumiStreet Gen2



Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Technical specifications

Product name	Replacement for KLL ¹	lm ²	W ³	lm/W ⁴	K ⁶	For pole spigot diameter	L x W x H (mm)	12NC
BGP290 LED45/740 II DM10 48/60S	50 W	3,735	27,5	136	4,000	48-60	425 x 379 x 92	910770234489
BGP290 LED60/740 II DM10 48/60S	70 W	4,800	38	126	4,000	48-60	425 x 379 x 92	910770234490
BGP291 LED85-4S/740 II DM10 48/60S	100 W	7,310	55	133	4,000	48-60	521 x 475 x 95	910770234491
BGP292 LED120-4S/740 II DM10 48/60S	150 W	10,320	73	141	4,000	48-60	621 x 570 x 95	910770234492
BGP292 LED170-4S/740 II DM10 48/60S	250 W	14,280	108	132	4,000	48-60	621 x 570 x 95	910770234493

Footnote explanations: see page 234



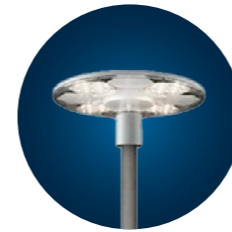
Further product information



Mounting instructions

Product family code	Luminous flux is selectable from				Colour temperature	Optics	Glare limitation	Protection class	Housing colour*	Protective coat	Installation type	Lighting control	Constant luminous flux	Overvoltage protection
LumiStreet Gen2 Micro BGP291 600 – 9,400 lm	600 lm	LED6	7,900 lm	LED79	2,200 K (R _a >70)	Medium beam:	No anti-glare louvre	Protection class I	RAL7035	Standard	Mast spigot 32-48 mm	Switchable	No constant luminous flux	No overvoltage protection
	800 lm	LED8	8,000 lm	LED80	722	DM10 DM11	N		GR	STD	32/48	N		
	1,000 lm	LED10	8,500 lm	LED85	2,700 K (R _a >70)	DM12 DM13	Internal anti-glare louvre (low stray light reduction)	Protection class II	Dark grey	Sea salt protection	Mast spigot 48-60 mm	DALI	Constant luminous flux	SPD 10kV
	1,400 lm	LED14	8,900 lm	LED89	727	DM30 DM31	BL1		DGR	MSP	48/60	D9	CLO	SRG10
LumiStreet Pro Gen2 Micro BGP391 600 – 9,400 lm	1,600 lm	LED16	9,000 lm	LED90	3,000 K (R _a >70)	DM32 DM33					Mast spigot 76 mm	Control phase		SPD 10kV for protection class II
	1,800 lm	LED18	9,400 lm	LED94	730	DM50 DM52	Internal anti-glare louvre (high stray light reduction)				76	D11		SDM10
	2,000 lm	LED20	10,000 lm	LED100	3,000 K (R _a >80)	DM65 DM70					Universal mast spigot 32-76 mm with reduction adapters	Dynadimmer		
	2,200 lm	LED22	10,900 lm	LED109	830	Pedestrian crossings: Right DPR1 Left DPL1					32/76	D18		
LumiStreet Gen2 Mini BGP292 1,400 – 18,000 lm	2,500 lm	LED25	12,000 lm	LED120	4,000 K (R _a >70)	Wide beam:					Mast spigot 48-76 mm with reduction adapter	Dynadimmer + DALI		
	2,700 lm	LED27	13,000 lm	LED130	740	DS50 DS51					48/76	D24		
	3,000 lm	LED30	13,900 lm	LED139	5,700 K (R _a >70)	DW10 DW50					Mast spigot 48-60 mm with reduction adapter	SR-socket above		
	3,400 lm	LED34	14,000 lm	LED140	757	DW52 DW65					Pole attachment mounting	SR-socket below		
LumiStreet Pro Gen2 Mini BGP392 1,400 – 18,000 lm	3,500 lm	LED35	16,000 lm	LED160	Clear Start 1,800 K (R _a >80)	DX10					32-60	SRT		
	3,900 lm	LED39	17,000 lm	LED170	518	Extremely wide beam:						SRB		
	4,000 lm	LED40	18,000 lm	LED180	Clear Star 2,000K (R _a >80)	DX50 DX51						SR-socket above and below		
	4,500 lm	LED45	19,000 lm	LED190	420	DX52 DX65						SRTB		
LumiStreet Gen2 Medium BGP293 4,500 – 26,000 lm	5,000 lm	LED50	20,000 lm	LED200	ClearField 1,000K (R _a >60)	DX70								
	5,100 lm	LED51	22,000 lm	LED220	610	Narrow beam:								
	5,500 lm	LED55	24,000 lm	LED240		DN08 DN09								
	5,600 lm	LED56	26,000 lm	LED260		DN10 DN11								
LumiStreet Pro Gen2 Medium BGP393 4,500 – 26,000 lm	6,000 lm	LED60	28,000 lm	LED280		DN25 DN26								
	6,400 lm	LED64	30,000 lm	LED300		DN33 DN50								
	6,500 lm	LED65	32,000 lm	LED320										
	6,900 lm	LED69	34,000 lm	LED340										
LumiStreet Gen2 Large BGP294 10,900 – 42,000 lm	7,000 lm	LED70	38,000 lm	LED380										
	7,400 lm	LED74	40,000 lm	LED400										
	7,500 lm	LED75	42,000 lm	LED420										
	Luminous flux selectable from 600 – 42,000 lm depending on the housing size				Not available in combination with all optics				*Other housing colours (RAL) on request					

Decorative street lights



TownGuide

Specially tailored to your needs

- + Five familiar yet modern designs that blend harmoniously into their surroundings and make them stand out even more
- + A large selection of optics and the use of state-of-the-art LEDs ensure unique visual comfort with precise customisation to lighting requirements
- + Significant energy savings compared to conventional solutions

BEST

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



TownGuide

Application

- + Residential and pedestrian areas
- + City centres and squares
- + Industrial estates



About the luminaire

The TownGuide Performer family comprises five striking yet modern shapes: Flat cone (BDP100), trough (BDP101), classic cone (BDP102), classic mushroom (BDP103), modern cylinder (BDP104) and a ULOR = 0 version (BDP105). All are available in clear and frosted versions. Thanks to the wide selection of light outputs and light colours and different lifetime, there is always a version that ideally meets the requirements of the application in question.

In addition, TownGuide Performer offers numerous options in terms of lighting control systems that can intelligently contribute to reducing energy consumption – from stand-alone LumiStep

and DynaDimmer systems and SDU switch/dim control to seamless remote connectivity with Interact lighting management software.

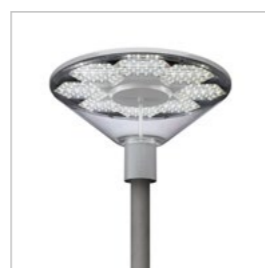
Installation is simple and thanks to the bayonet connection with integrated cable gland in the attachment, the luminaire does not need to be opened for installation. When developing the luminaire, Philips took care to keep the total cost of ownership as low as possible. And because TownGuide Performer is a special LED luminaire that is compatible with numerous control systems, it enables considerable savings in energy and maintenance costs compared to conventional lighting.



Flat Cone
BDP100



Bowl
BDP101



Classic Cone
BDP102



Classic T
BDP103



T / ULOR=0
BDP104/BDP105



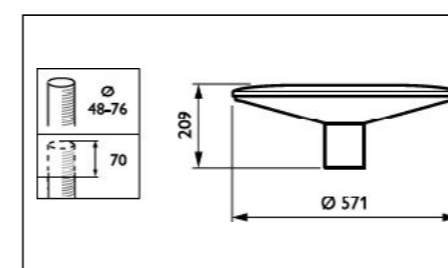
At a glance

Advantages

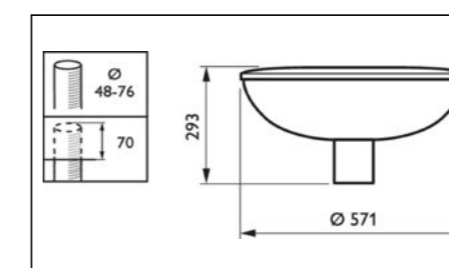
- + Five familiar yet modern designs that blend harmoniously into their surroundings and make them stand out even more
- + A large selection of optics and the use of state-of-the-art LEDs ensure unique visual comfort with precise customisation to lighting requirements
- + Significant energy savings compared to conventional solutions

Features

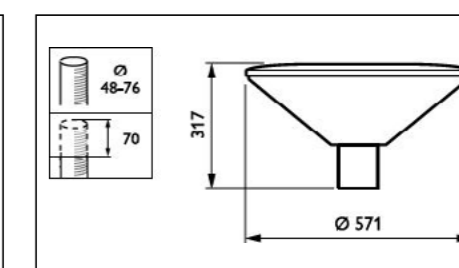
- + High resistance to vandalism
- + CLO – constant light over the entire service life
- + Plug connector enables easy installation without opening the light
- + Energy savings through various lighting control systems
- + Long-lasting LED technology for maximum service life



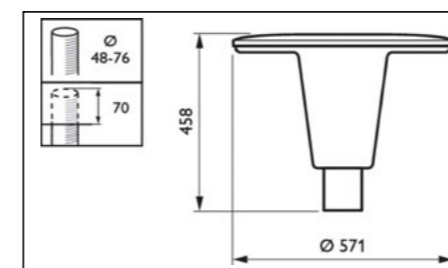
BDP100



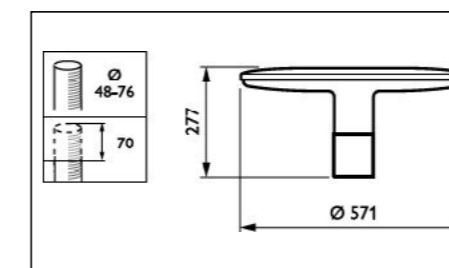
BDP101



BDP102

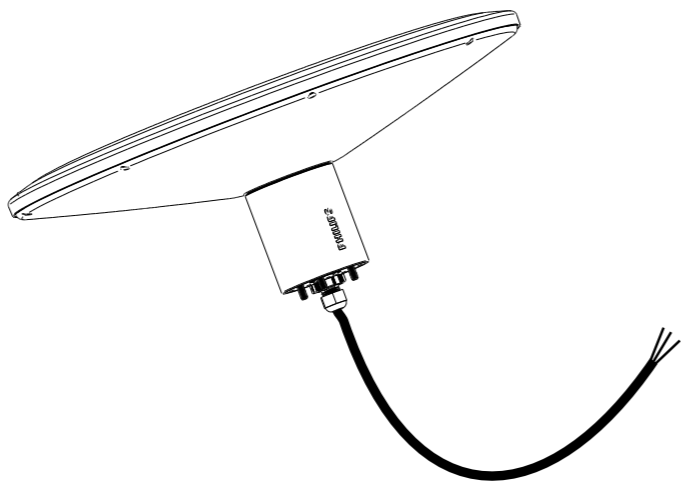


BDP103



BDP104/BDP105

TownGuide



Further product information



Mounting instructions

Configuration guide

Please discuss possible combinations and exclusions with your Signify contact person.

Product family code	Luminous flux		Colour temperature	Tub	Optics	Glare reduction	Protection class	Housing colour*	Safety coating	Mounting type	Lighting control	Constant luminous flux	Surge Protection
TownGuide Performer Flat Cone BDP100	1,200 lm	LED12	3,000 K (R _a >70) 730	Clear PCC	Narrow beam DN	No anti-glare louvre N	Protection class I I	Gris900 Sablé (SW320F) GR	Standard STD	Mast spigot 62 mm 62P	switchable N	No constant luminous flux N	No Surge Protection STD
	1,500 lm	LED15		Frosted PCF ¹	Medium wide beam DM		Internal anti-glare louvre (high stray light reduction) BL2	Protection class II II	Dark grey DGR	Sea salt protection MSP	Mast spigot 76 mm 76P	DALI D9	Constant luminous flux CLO
	2,000 lm	LED20	4,000 K (R _a >70) 740										
TownGuide Performer Bowl BDP101	2,500 lm	LED25	2,700 K (R _a >80) 827	Translucent PCTR ¹	Wide beam DW	Wide beam (optimised for residential areas) DRW		White (RAL 9003) WH		Mast spigot 60–76 mm (reduction piece from 60 to 76 mm included in the scope of delivery) 62/76P	Control phase D11		Filter SPD 10kV for protection class II SDM10
	3,000 lm	LED30						Dynadimmer D18					
	3,500 lm	LED35	3,000 K (R _a >80) 830				Dynadimmer + DALI D24						
TownGuide Performer Classic Cone BDP102	4,000 lm	LED40			Symmetrical DS			Light grey (RAL 7035) LGR			SR socket above SRT		
	5,000 lm	LED50											
	6,000 lm	LED60											
TownGuide Performer Classic T BDP103	7,000 lm	LED70						Aluminium (RAL 9007) ALU					
	8,000 lm	LED80											
	9,000 lm	LED90											
	10,000 lm	LED100											
	12,000 lm	LED120											
TownGuide Performer T BDP104													
TownGuide Performer T Zero BDP105													

¹ Not available for BDP105

*Other housing colours (RAL) on request

Emergency lighting



Emergency lighting

Reliable safety lighting for escape routes and anti-panic areas

- + Portfolio includes exit signs and emergency luminaires
- + Available as maintained and non-maintained versions
- + Battery backup versions with 3-hour emergency duration
- + Optional self-test functionality (manual or automatic)
- + Energy-efficient LED technology with long service life (up to 50,000 hours L80)
- + Suitable for wall or ceiling mounting depending on application
- + Integration options for centralized monitoring in connected systems
- + Designed for straightforward installation in new and renovated buildings
- + 5-year warranty
- + Currently not applicable for Poland

Product details, data sheets and more can be found in the product catalogue on our website: www.signify.com/global/prof



Emergency lighting

Application

- + Escape route lighting
- + Open area (anti-panic) lighting
- + Local area lighting
- + High risk task area lighting
- + Adaptive emergency escape lighting (AEELS)



About the luminaire

Signify's emergency lighting solutions are designed to ensure safe evacuation and compliance with applicable safety standards in both new and renovated buildings. The portfolio includes exit signs and emergency luminaires that provide reliable illumination in the event of a power failure, supporting clear orientation and visibility along escape routes.

The range is based on energy-efficient LED technology, offering long service life and reduced maintenance requirements. Different product versions are available

to suit a variety of indoor applications, including offices, industrial facilities, retail environments, hospitality, healthcare and public buildings.

Products are developed for straightforward installation and integration into general lighting concepts. Selected versions feature self-test functionality to simplify inspection and maintenance processes. Where required, emergency lighting systems can also be connected to monitoring and control platforms, enabling centralized supervision and status reporting.



Emergency spot EM150B
Compact LED emergency luminaire for reliable escape route illumination in indoor applications.



Emergency Bulkhead EM153C
Surface-mounted LED emergency luminaire providing efficient and long-lasting emergency lighting.



Emergency Downlight EM151B
LED emergency luminaire with integrated battery backup for dependable safety lighting during power failure.



Emergency Twin Spot EM164C
LED emergency luminaire suitable for a wide range of indoor applications requiring compliant safety lighting.



Emergency Surface Mounted Downlight EM152C
LED emergency luminaire designed for clear and uniform illumination of escape routes and open areas.



Exit Sign EM155C
LED emergency exit luminaire ensuring clear visual guidance and reliable operation in emergency situations.

At a glance

Advantages

- + Ensures safe evacuation and clear orientation in the event of a power failure
- + Supports compliance with relevant emergency lighting standards and regulations
- + Energy-efficient LED technology reduces operating and maintenance costs
- + Long service life minimizes maintenance interventions Suitable for a wide range of applications including offices, industry, retail, hospitality, healthcare and public buildings
- + Straightforward installation in new and existing buildings Selected versions with self-test functionality for simplified inspection procedures
- + Integration options for centralized monitoring and reporting in connected systems

Features

- + Portfolio includes exit signs and emergency luminaires for escape route lighting and anti-panic areas
- + Available as maintained and non-maintained versions
- + Integrated LED technology with optimized light distribution for escape routes
- + Battery backup versions with typical 3-hour duration
- + Optional self-test functionality (manual or automatic)
- + Wall- and ceiling-mounted versions available depending on application
- + High-quality housings designed for reliable operation in indoor environments
- + Long rated lifetime for LEDs and electronic components

Technical specifications

Product name	lm ²	W ³	lm/W ⁴	K ⁵	IP	Control unit ⁶	L x W x H (mm)	12NC
Emergency spot								
EM150B REC 1S OA/CO NM3 ELB WH IP20	135	2	130	6,500	IP20	Internal	250 x 36 x 27	912401483505
EM150B REC 1S OA/CO NM3 ELP WH IP20	135	2	130	6,500	IP20	Internal	250 x 36 x 27	912401483504
Emergency Downlight								
EM151B REC 3S OA/CO NM3 ELP WH IP20	328	3	143	6,500	IP20	Internal	205 x 33 x 43	912401483506
Emergency Surface Mounted Downlight								
EM152C SM 2S OA/CO NM3 ELB WH IP65	273	2	135	6,500	IP65	Internal	46 x 155	912401483508
EM152C SM 2S OA/CO NM3 ELP WH IP65	273	2	135	6,500	IP65	Internal	46 x 155	912401483507
Emergency Bulkhead								
EM153C SM BKD EXIT SIGN M3 ELB IP65	175	4	50	6,500	IP65	Internal	351 x 111 x 63	912401483510
EM153C SM BKD EXIT SIGN M3 ELP IP65	175	4	50	6,500	IP65	Internal	351 x 111 x 63	912401483509
EM154C HO BKD 15S NM3 ELB IP65	1,587	10	176	6,500	IP65	Internal	321 x 167 x 83	912401483512
EM154C HO BKD 15S NM3 ELP IP65	1,587	10	176	6,500	IP65	Internal	321 x 167 x 83	912401483511
Emergency Twin Spot								
EM164C SM TWIN SPOT NM3 ELB IP65	1,000	9	135	6,500	IP65	Internal	300 x 288 x 69	912401483513
Exit Sign								
EM155C SLIM WL EXIT SIGN M3 ELB UP WH	85	4	32	6,500	IP20	Internal	330 x 186 x 30	912401483515
EM155C SLIM WL EXIT SIGN M3 ELP UP WH	85	4	32	6,500	IP20	Internal	330 x 186 x 30	912401483514
EM155Z SLIM WL EXIT SIGN LEGEND DOWN	-	-	-	-	-	-	314 x 158 x 1	912401483518
EM155Z SLIM WL EXIT SIGN LEGEND LEFT	-	-	-	-	-	-	314 x 158 x 1	912401483516
EM155Z SLIM WL EXIT SIGN LEGEND RIGHT	-	-	-	-	-	-	314 x 158 x 1	912401483517
EM159C WL/CM EXIT SIGN M3 ELB UP WH	23	3	22	6,500	IP20	Internal	313 x 212 x 42	912401483520
EM159C WL/CM EXIT SIGN M3 ELP UP WH	23	3	22	6,500	IP20	Internal	313 x 212 x 42	912401483519
EM159Z WL/CM EXIT SIGN LEGEND DOWN	-	-	-	-	-	-	270 x 163 x 1	912401483522
EM159Z WL/CM EXIT SIGN LEGEND LEFT/RIGHT	-	-	-	-	-	-	270 x 163 x 1	912401483521
EM159Z WL/CM RECESSED KIT	-	-	-	-	-	-	350 x 82 x 45	912401483523
EM159Z WL/CM SUSPENSION KIT	-	-	-	-	IP20	-	309 x 40 x 18	912401483524

Footnote explanations: see page 234

Glossary

930	3,000K (R _a >90; R _g >50)
940	4,000K (R _a >90; R _g >50)
A	Asymmetric distribution
ATEX	Lights for explosion hazard areas
B2KW	2 m cable (B2ca class) with a Wieland quick connector (GST18i3 / 3-pole)
B2KWD	2 m cable (B2ca class) with a Wieland quick connector (GST18i3 / 3-pole) + 2 m cable with Wieland plug (BST14 / 2-pole)
BD	Door leaves/ light caps
BP	Ball Impact Resistance
BR	Mounting bracket
BU840	BioUp Cyan Enhanced Spectrum
BV	BV-Basic Version (standalone luminaire)
BW	0.5 m cable (B2ca class) with Wieland quick connector (GST18i3/ 3-pole)
BWD	0.5 m cable (B2ca class) with Wieland quick connector (GST18i3 / 3-pin) + 0.5 m cable with Wieland plug (BST14 / 2-pin)
C	High-gloss reflector
CH	Champagne
CLO	Constant Light Output
CLO-VLC	Constant Light Output + Visible Light Communication
CM	Encrypted network connection integrated in the box
CP	Synthetic material cover
CPC	Ceiling system with concealed support profiles
DA25N	double asymmetrical (25°)-narrow beam
DA25W	double asymmetrical (25°)-wide beam
DA35W	double asymmetrical (35°)-wide beam
DA45W	double asymmetrical (45°)-narrow beam
DC	suitable as emergency lighting with central battery systems (DC)
DDFX	DynaDimmer scenario
DEIA-VLC-E	DALI-Controlled, Interact System Ready + suitable as emergency lighting with a central battery systems + Visible Light Communication (external control gear)
DGR	Dark grey
DIA	DALI-Controlled, Interact System Ready
DIA-E	DALI-Controlled, Interact System Ready (external control gear)
DIA-VLC	DALI-Controlled, Interact System Ready + Visible Light Communication
DIA-VLC-E	DALI-Controlled, Interact System Ready + Visible Light Communication (external control gear)
E2KW	2 m cable with Wieland quick connector (GST18i3/ 3-pole)
E2WKD	2 m cable with Wieland quick connector (GST18i3/ 3-pole) + 2 m cable with Wieland plug (BST14/ 2-pole)
EL3	POE emergency light module
ELB3	Basic emergency light module (3 h)
ELD3	DALI emergency light module (3 h)
ELE3	POE emergency light module (3 h)
ELP3	PRO emergency light module (3 h)
ELW3	Wireless emergency light module (3 h)
EW	0.5 m cable (Eca class) with Wieland quick connector (GST18i3/ 3-pole)
EWD	0.5 m cable (Eca class) with Wieland quick connector (GST18i3/ 3-pole) + 0.5 m cable with Wieland plug (BST14/ 2-pole)
F	Faceted reflector

FG	Glass cover (tempered, low-iron)
FMT	FreshMeat
FR	Frost
GC	Glass optics cover
GCC	Clear glass cover
GCO	Opal glass cover
GR	Light grey
H4	Interact Sensor (high mounting heights)
HE	High Efficiency
HGB	Control gears mounted to mounting bracket
HMB	High Efficiency medium wide beam
HNB	High Efficiency narrow beam
HOVL-H	High Efficiency oval horizontal beam
HRCT	High Efficiency rectangular beam
HRO	High Rack Optics
HVWB	High Efficiency very wide beam
HWB	High Efficiency wide beam
I	Protection class I
IA9	Bluetooth- and ZigBee radio dimming actuator
II	Protection class II
IP	Infill plate
L	External anti-glare louver
LGR	Light grey
LO	Internal anti-glare louver (version for optimum control and to limit the stray light per the LAI)
LTM	Internal anti-glare louver (medium-level stray light reduction)
M	Frosted Reflector
MB	Medium wide beam
MDU	Motion Detection Unit – Integrated HF motion sensor
MLO	Micro-lens optics
MSP	Marine Salt Protection
NB	Narrow beam
NB-HRO	Narrow beam (High Bay Optics)
NBA	Adjustable optics (NB/ MB/ WB)
NOC	Not Office Compliant (not suitable for computer workstations)
O	Opal
OC	Office Compliant (suitable for computer workstations)
OLV-H	Oval horizontal beam
PC	Polycarbonate optics cover for use in the food industry
PC930	PremiumColor 3,000 K (R _a >90)
PCC	Polycarbonate cover, clear
PCO	Polycarbonate cover, opal
PCS	Polycarbonate optics
PCV	Plaster Ceilings
PG	Clear safety glass
PGO	Opal Protective Glass
PI3	3-phase plug-in connection terminal
PI5	5-phase plug-in connection terminal
PI6	6-phase plug-in connection terminal
PI7	7-phase plug-in connection terminal
PIP	Plug-in connection terminal
PSA	AmpDim dimmable control gear
PSD	DALI-Controlled
PSD-CLO	DALI-Controlled + constant luminous flux
PSD-E	DALI-Controlled (external control gear)
PSD-SR	DALI-Controlled + SystemReady
PSDD	DynaDimmer Dimmable control gear

PSDD-CLO	DynaDimmer + constant luminous flux
PSE-E	Switchable + suitable for emergency lighting with central battery systems (external control gear)
PSED	DALI-Controlled + suitable for emergency lighting with central battery systems
PSED-CLO	DALI-Controlled + suitable for emergency lighting with central battery systems + constant luminous flux
PSR	Power Supply Regulating version
PSU	Power supply unit (On/Off)
PSU-E	Power supply unit (external control gear)
PSU-VLC	Power supply unit + Visible Light Communication
PW930	PremiumWhite 3,000 K (R _a >90)
ROSE	Rosé
SC	Safety Cable
SEIA	Interact Pro Ready + suitable as emergency lighting with central battery systems
SI	silver/ grey
SIA	Sensor ready driver Interact system ready
SM2	"Single Line Suspension with ceiling canopy; incl. electrical connection terminals and a stainless steel sleeve on the ceiling side"
SMT	Cable Suspension
SMT-HD	Extreme Cable Suspension
SMTT	"Single Line Suspension with two caddy clips on the ceiling side (for fastening to ceiling systems with visible support profiles and electrical connection inside the ceiling)"
SPO	Special treatment for use in swimming pools
SRG10	10 kV Surge Protection
SRT-BV	SR drive with connector mounted on the bracket using socket and cap
SRT-HGB	SR control gear with socket and cap on the driver box
SW2	"Single Line Suspension with two stainless steel sleeves on the ceiling side (for fastening to plasterboard ceilings with electrical connection inside the ceiling)"
SWP	Special coating for use in swimming pools
TCW5	5-phase loop through-wiring
TW1	1-phase Loop Through-Wiring

TW3	3-phase Loop Through-Wiring
TW9	Tunable white
TWBU	Tunable white + BioUp
TWH	Tunable white
U0	Equippable empty sensor slot for PoE
U3	Interact Sensor (SNS400 Multi Sensor + ZigBee Bluetooth wireless antenna + infrared receiver for POE or SEIA)
U4/IA4	Interact Sensor (presence & daylight sensor SNS210 IA + ZigBee wireless antenna + infrared receiver for SEIA)
U5	Interact Sensor (Upgradeable Mainstream Sensor Bundle SC1500 for SEIA)
U6	Interact Sensor (Upgradeable Advanced Sensor Bundle SC1500 for POE)
VLC	Visible Light Communication
VPC	Ceiling system with visible support profiles
VWB	Very wide beam
W	Wieland quick connector (3-pole mains connection block + 2-pole DALI control connection block)
W4	Wieland quick connector (4-pole mains connection block)
W5	5-phase quick connector
W5	Wieland quick connector (5-pole mains connection block)
W7	7-phase quick connector
WB	Wide beam
WB-OC	Wide beam suitable for computer workstations
WF	Preinstalled Wieland socket is connected to the plug
WH	White
WIA	Interact Pro Ready for wirelessly connected, automated lighting
WIA-E	Interact Pro Ready for wirelessly connected, automated lighting (external control gear)
WR	White reflector
WT	Preinstalled Wieland T-splitter on the plug
XA	Extra efficient
XNB	Extremely narrow beam
XT	Luminaires for an extended ambient temperature range (up to +60 °C/ +70 °C)

¹⁾ Replacement for specified conventional equivalent: High-Pressure Discharge Lamps (HID), CDM lamps (CDM), high-pressure mercury vapour lamps (HPL), Fluorescent lamps Ø 26 mm (T8), fluorescent lamps Ø 16 mm (T5), compact fluorescent lamps (KLL), halogen lamps (halogen),

²⁾ Luminaire luminous flux in lumen (lm)

³⁾ Light output in watts (W)

⁴⁾ Luminaire luminous efficacy in lumens per watt (lm/W)

⁵⁾ Average lifetime (Lxx) in hours (h) at ambient temperature T_a 25 °C. Note: The L values can vary within a product family. Please indicate the individual L value in the corresponding data sheet.

⁶⁾ Closest colour temperature in Kelvin (K)

⁷⁾ Through-Wiring (TW) – for ceiling and wall luminaires: Further wiring

⁸⁾ Dimmability: DALI, 1-10 V, leading-edge and trailing-edge dimmer >99.99% (Log 4) corresponds to the disinfection performance in a standardised room or a defined surface and depends in practice on the application and the dose used. Air disinfection devices have no effect on germs on surfaces. Surface disinfection devices have no effect on germs in the room air. Not all device versions have been tested with the real SARS-CoV-2 virus – the efficiency in these cases was calculated using a mathematical model.

Warranty conditions for **Poland, Czechia, Slovakia, and Romania** are available on their respective local Philips Lighting websites:

Poland: www.lighting.philips.pl/wsparcie/zakup/gwarancja
Czechia: www.lighting.philips.cz/podpora/nakup/zaruka
Slovakia: www.lighting.philips.sk/podpora/purchase/zaruka
Romania: www.lighting.philips.ro/support/purchase/garantie

For other CEE countries, please refer to the **global Philips Lighting warranty page** (www.lighting.philips.com/support/purchase/warranty) or **contact your local Signify representative for guidance**.

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