

# PHILIPS



Compatibility List Professional Q1 2026

## Low Voltage / Dimmer

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# Professional transformer compatibility list LED Low Voltage range

Recommended transformer compatibility list for Low Voltage lamps  
For non-dimmable systems only

Key

|        |   |  |
|--------|---|--|
| x-y    | Transformer is compatible with x - y lamp   | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| x-y    | Transformer is compatible but will not work according Philips claimed specifications under all conditions |  |
|        | Transformer is not compatible and therefore will not comply to Philips claimed specifications             |  |
| N.A.   | Transformer lamp combination not applicable/relevant  |  |
| T.B.D. | Transformer lamp combination not tested   |  |

|                                 |  |         |          | LED Bulb   |  |  |   |   |   |
|---------------------------------|--|---------|----------|--|--|--|---|---|---|
|                                 |  |         |          | MAS ExpertColor<br>10.8-50W 927 AR111  | MAS ExpertColor<br>14.8-75W 927 AR111  | MAS LEDExpertColor<br>20-100W 927 AR111 24D  | CorePro LEDspot<br>10-75W 830 AR111 40D   | CorePro LEDspot<br>14-100W 830 AR111 40D  | CorePro LEDspot<br>7-50W 830 AR111 40D  |
|                                 |  |         |          | 9290030432<br>9290030433<br>9290030434<br>9290030435<br>9290030436<br>9290030437   | 9290030426<br>9290030427<br>9290030428<br>9290030429<br>9290030430<br>9290030431     | 9290034786<br>9290034787<br>9290034788<br>9290034789<br>9290034790<br>9290034791     | 9290029651  | 9290029652  | 9290029650  |
|                                 |  |         |          |   |    |   |  |  |  |
|                                 |  |         |          |  |  |  |   |   |   |
| Transformer<br>10-70W           | Brand/type   | Watt    | LED Watt |  |  |  |   |   |   |
|                                 | Philips Primaline 70                                 | 20-70   | 4-14     | 1  | 1  | 1  | 1   | 1   | 1-2   |
|                                 | OSRAM Halotronic HTM 70 (new type)                   | 20-70   | 4-14     | 1  | 1  | 1  | 1   | 1   | 1-2   |
|                                 | Philips ET-S60                                       | 20-60   | 4-12     | T.B.D.   | N.A.   | N.A.   | T.B.D.  | N.A.  | N.A.  |
|                                 | Philips Certaline 60                                 | 20-60   | 4-12     | 1  | 1  | 1  | 1   | 1   | 1-2   |
|                                 | SEET STE 70VA 7429                                   | 20-70   | 4-14     | 1  | 1  | 1  | 1   | 1   | 1   |
|                                 | TCI PICO WOLF 60                                     | 10-60   | 4-12     | 1  | N.A.   | 1  | 2   | N.A.  | 2   |
|                                 | Vossloh Schwabe EST 60/12.635                        | 10-60   | 4-12     | 1  | N.A.   | 1  | 1   | N.A.  |   |
|                                 | RELCO ICE60 PFS TH 60W                               | 10-60   | 4-12     | 1  | N.A.   | 1  | 1   | N.A.  | 1   |
|                                 | Varilight YT50L                                      | 0-50    | 0-10     | 1  | 1  | 1  | 1   | 1   | 1-2   |
|                                 | Varilight YT70L                                      | 0-70    | 0-14     | 1  | 1  | 1  | 1   | 1   | 1-2   |
|                                 | Vossloh Schwabe EST 70/12.380                        | 20-70   | 4-14     | 1  | 1  | 1  | 1   | 1   | 1   |
|                                 | Paulmann Trafo Halo + LED 0-65W - 97767              | 20-60   | 4-12     | 1-3  | 1-2  | 1-2  | 1-4   | 1-2   | 1-4   |
|                                 | Govena YT60  | 20-70   | 4-14     | 1  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | SLV 461060 Micro 60 PFS                              | 20-60   | 4-12     | 1  | 1  | 1  | 1   | 1   | 1   |
|                                 | Osram 111593 ET PARROT 70/220-240                    | 10-60   | 4-12     | 1  | 1  | 1  | 1-2   | 1   | 1   |
|                                 | TCI 119617 ROUND 70                                  | 20-70   | 4-14     | 1  | 1  | 1  | 1-2   | 1   | 1   |
|                                 | EVN TAB 70 (3310)                                    | 20-70   | 4-14     | 1  | 1  | 1  | 1-2   | 1   | 1   |
|                                 | EVN MINIJOKER 70(T27/10)                             | 10-70   | 2-14     |  |  | 1  | 1-2   | 1   | 1   |
|                                 | Niko 320-00121                                       | 10-65   | 0-40     | 1  | 1  | 1  | 1-2   | 1   | 1   |
| Transformer<br>20-105W          | Philips Primaline 105                                | 35-105  | 7-20     | 1  | 1  | 1  | 1-2   | 1   | 1-3   |
|                                 | OSRAM Halotronic HTM 105                             | 35-105  | 7-20     | 1  | 1  | 1  | 1-2   | 1   | 1-3   |
|                                 | Philips Certaline 105                                | 35-105  | 7-20     | 1  | 1  | 1  | 1-2   | 1   | 1-3   |
|                                 | RELCO ICE 105 PFS TH                                 | 20-105  | 4-20     | 1-2  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | Vossloh Schwabe EST 105                              | 20-105  | 4-20     | 1-2  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | Varilight YT105L                                     | 0-105   | 0-20     | 1-2  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | OSRAM ET-PARROT 105                                  | 35-105  | 7-20     | 1-2  | 1  | 1  | 1-3   | 1   | 1-2   |
|                                 | Govena YT105   | 35-105  | 7-20     | 1-3  | 1-2  | 1-2  | 1-5   | 1-2   | 1-4   |
|                                 | Osram 927019 HTL 105/230-240                         | 35-105  | 7-20     | 1-2  | 1  | 1  | 2-3   | 1   | 1-2   |
|                                 | TCI Pico Wolf 105                                    | 20-105  | 4-20     | 1-2  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | GIRA tronic trafo                                    | 20-105  | 4-20     | 1-2  | 1  | 1  | 1-2   | 1   | 1-2   |
|                                 | Osram HTIDALI 105/230...240 DIM+Dyalite DDBC120-DALI | 35-105  | 7-20     | 2-7  | 2-6  | 2-4  | N.A.  | N.A.  | N.A.  |
| Transformer<br>50-150W          | Philips Primaline 150                                | 50-150  | 10-30    | 1-2  | 1-2  | 1  | 1-3   | 1-2   | 1-3   |
|                                 | OSRAM HTM 150  | 50-150  | 10-30    | 1-2  | 1-2  | 1  |   |   |   |
|                                 | Varilight YT150                                      | 0-150   | 0-30     | 1-3  | 1-2  | 1  | 1-3   | 1-2   | 1-3   |
|                                 | SLV TRANSFORMATEUR, 12V AC, 150VA,                   | 50-150  | 10-30    | 1-2  | 1  | 1  | 1-4   | 1-2   | 1-3   |
|                                 | TCI Wolf 150, WX 150                                 | 50-150  | 10-30    | 2  | 2  | 1  | 2-4   | 1-2   | 1-3   |
|                                 | Jung SNT150  | 50-150  | 10-30    | 2  | 1-2  | 1  | 1-4   | 1-2   | 1-3   |
|                                 | RELCO RN1684 FOX 150 PFS TH                          | 50-150  | 10-30    | 1  | 1  | 1  | 1   | 1   | 1   |
| Trans-<br>former<br>50-<br>250W | RELCO ICE 200 PFS TH                                 | 100-200 | 20-40    | 2-4  | 2  | 1-2  | 2-4   |   | 3-5   |
|                                 | Osram 927026 HTL 225/230-240                         | 50-225  | 10-45    | 2-4  | 2-3  | 2  | 2-6   | 2-3   | 2-4   |






# Professional transformer compatibility list LED Low Voltage range

Recommended transformer compatibility list for Low Voltage lamps  
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Key

|        |   |
|--------|---|
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|                                 |  |         |       | LED Bulb  |  |  |  |  |
|---------------------------------|--|---------|-------|---|--|--|--|--|
|                                 |  |         |       | MAS LEDspotLV D<br>7.5-50W MR16   | MAS LED ExpertColor<br>6.7-35W MR16  | MAS LED ExpertColor<br>7.5-43W MR16  | MAS LEDspotLV<br>3.5-20W 827 MR11 24D  | CorePro LED spot ND<br>2.9-20W MR16 827 36D  |
|                                 |  |         |       | 9290024919<br>9290024920<br>9290024921<br>9290024922<br>9290024923<br>9290024924                | 9290030785<br>9290030786<br>9290030787<br>9290030788<br>9290030789<br>9290030790<br>9290030791<br>9290030792<br>9290030793<br>9290030794<br>9290030795<br>9290030796 | 9290030797<br>9290030798<br>9290030799<br>9290030800<br>9290030801<br>9290030802                 | 9290030870   | 9290024945   |
|                                 |  |         |       | <br>Dimmable | <br>Dimmable   | <br>Dimmable |  |  |
|                                 |  |         |       | Brand/type  | Watt   | LED Watt   |  |  |
| Transformer<br>10-70W           | Philips Primaline 70                                   | 20-70   | 4-14  | 1   | 1-2  | 1  | 2- 4   | 1- 5   |
|                                 | OSRAM Halotronic HTM 70 (new type)                     | 20-70   | 4-14  | 1   | 1  | 1  | 1- 4   | 1- 5   |
|                                 | Philips ET-S60   | 20-60   | 4-12  | 1   | 1-2  | 1  | T.B.D.   | T.B.D.   |
|                                 | Philips Certaline 60                                   | 20-60   | 4-12  | 1   | 1  | 1  | 1- 4   | 1- 4   |
|                                 | SEET STE 70VA 7429                                     | 20-70   | 4-14  | 1   | 1-2  | 1  | T.B.D.   | 2- 4   |
|                                 | TCI PICO WOLF 60                                       | 10-60   | 4-12  |   |  | 2  |  |  |
|                                 | Vossloh Schwabe EST 60/12.635                          | 10-60   | 4-12  | 1   | 1-2  | 1  | 1- 4   | 4  |
|                                 | RELCO ICE60 PFS TH 60W                                 | 10-60   | 4-12  | 1   | 1-2  | 1  | 2- 4   | 2-4  |
|                                 | Varilight YT50L  | 0-50    | 0-10  | 1   | N.A.   | N.A.   | T.B.D.   | 1-3  |
|                                 | Varilight YT70L  | 0-70    | 0-14  | 1   | 1  | 1  | 1-4  | 1-4  |
|                                 | Vossloh Schwabe EST 70/12.380                          | 20-70   | 4-14  | 1   | 1-2  | 1  | 1-4  | 2-4  |
|                                 | Paulmann Trafo Halo + LED 0-65W - 97767                | 20-60   | 4-12  | 1-4   | 1-5  | 1-4  | 1-11   | 1-7  |
|                                 | Govena YT60  | 20-70   | 4-14  | 1-2   | 1-2  | 1-2  | 1-4  | 1-6  |
|                                 | SLV 461060 Micro 60 PFS                                | 20-60   | 4-12  | 1-6   | 1-7  | 1-6  | 1-4  | 1-3  |
|                                 | Osram 111593 ET PARROT 70/220-240                      | 10-60   | 4-12  | 1-6   | 1-7  | 1-6  | T.B.D.   |  |
|                                 | TCI 119617 ROUND 70                                    | 20-70   | 4-14  | 1-8   | 1-9  | 1-8  | 1-4  | 1-2  |
|                                 | EVN TAB 70 (3310)                                      | 20-70   | 4-14  | 1-8   | 1-9  | 1-8  | 1-4  | 1-2  |
|                                 | EVN MINIJOKER 70(T27/10)                               | 10-70   | 2-14  | 2-7   | 2-8  | 2-7  |  |  |
|                                 | Niko 320-00121   | 10-65   | 0-40  | 1-5   | 1-6  | 1-5  | 1-4  | 1  |
| Transformer<br>20-105W          | Philips Primaline 105                                  | 35-105  | 7-20  | 1-2   | 1-2  | 1-2  | 1-6  | 1-10   |
|                                 | OSRAM Halotronic HTM 105                               | 35-105  | 7-20  | 1-2   | 1-2  | 1-2  | 1-6  | 1-5  |
|                                 | Philips Certaline 105                                  | 35-105  | 7-20  | 1-2   | 1-2  | 1-2  | 2-5  | 1-10   |
|                                 | RELCO ICE 105 PFS TH                                   | 20-105  | 4-20  | 1-2   | 1-3  | 1-2  | 1-6  |  |
|                                 | Vossloh Schwabe EST 105                                | 20-105  | 4-20  | 1-2   | 1-3  | 1-2  | 1-6  | 2-5  |
|                                 | Varilight YT105L                                       | 0-105   | 0-20  | 1-2   | 1-3  | 1-2  | 1-6  | 1-5  |
|                                 | OSRAM ET-PARROT 105                                    | 35-105  | 7-20  | 1-8   | 1-9  | 1-8  | 1-6  | 1-7  |
|                                 | Govena YT105   | 35-105  | 7-20  | 1-4   | 1-5  | 1-4  | 1-6  | 1-13   |
|                                 | Osram 927019 HTL 105/230-240                           | 35-105  | 7-20  | 1-10  | 1-11   | 1-10   | 2-6  | 2-6  |
|                                 | TCI Pico Wolf 105                                      | 20-105  | 4-20  | 1-2   | 1-3  | 1-2  | 2-6  | 2-5  |
|                                 | GIRA tronic trafo                                      | 20-105  | 4-20  | 1-2   | 1-3  | 1-2  | 3-6  | 2-5  |
|                                 | Osram HTI DALI 105/230...240 DIM+Dynalite DDBC120-DALI | 35-105  | 7-20  | 3-9   | 2-10   | 3-10   | N.A.   | N.A.   |
| Transformer<br>50-150W          | Philips Primaline 150                                  | 50-150  | 10-30 | 1-3   | 1-3  | 1-3  | 1-8  | 1- 5   |
|                                 | OSRAM HTM 150  | 50-150  | 10-30 | 1-3   | 1-2  | 1-9  | 2-8  | 1- 10  |
|                                 | Varilight YT150  | 0-150   | 0-30  | 1-3   | 1-5  | 1-3  | 1-8  | 1- 8   |
|                                 | SLV TRANSFORMATEUR, 12V AC, 150VA,                     | 50-150  | 10-30 | 1-15  | 1-16   | 1-15   | T.B.D.   | 1-10   |
|                                 | TCI Wolf 150, WX 150                                   | 50-150  | 10-30 | 2-14  | 2-16   | 2-14   | T.B.D.   | 2-10   |
|                                 | Jung SNT150  | 50-150  | 10-30 | 1-15  | 1-17   | 1-15   | 1-8  |  |
|                                 | RELCO RN1684 FOX 150 PFS TH                            | 50-150  | 10-30 | 1-7   | 1-8  | 1-7  | 3-8  | 1-3  |
| Trans-<br>former<br>50-<br>250W | RELCO ICE 200 PFS TH                                   | 100-200 | 20-40 | 3-5   | 4-6  | 3-5  |  |  |
|                                 | Osram 927026 HTL 225/230-240                           | 50-225  | 10-45 | 2-20  | 2-20   | 2-20   | 3-12   | 1-11   |







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|                      |   |         |          | LED Bulb  |   |   |  |  |  |
|----------------------|---|---------|----------|---|---|---|--|--|--|
|                      |   |         |          | CorePro LED spot ND 4.4-35W MR16 827 36D<br><br>CorePro LEDspot 4.4-35W MR16 827 36D 5CT<br><br>9290024946<br> | CorePro LED spot ND 4.4-35W MR16 840 36D<br><br>CorePro LED spot ND 4.4-35W MR16 840 36DUK<br><br>9290024947<br> | CorePro LED spot ND 7-50W MR16 36D<br><br>9290019048<br>9290019049<br>9290019050<br> | CorePro LED spot 2.3-20W 827 MR11 36D<br><br>9290020664<br> | MAS LED spot VLE D 5.8-35W MR16<br><br>9290024925<br>9290024926<br>9290024927<br>9290024928<br>9290024929<br>9290024930<br><br>Dimmable | MAS LEDspot LV DimTone 5.8-35W MR16 36D<br><br>9290024931<br><br>Dimmable |
|                      |   |         |          |   |   |   |  |  |  |
| Transformer 10-70W   | Brand/type  | Watt    | LED Watt |   |   |   |  |  |  |
|                      | Philips Primaline 70                                  | 20-70   | 4-14     | 1-3   | 1-3   | 2   | 1-6  | 1-3  | 1-3  |
|                      | OSRAM Halotronic HTM 70 (new type)                    | 20-70   | 4-14     | 1-3   | 1-3   | 1   | 1-6  | 1-3  | 1-3  |
|                      | Philips ET-S60  | 20-60   | 4-12     | T.B.D.  | T.B.D.  | 1   | T.B.D.   | T.B.D.   | T.B.D.   |
|                      | Philips Certaline 60                                  | 20-60   | 4-12     | 1-3   | 1-3   | 1   | 2-5  | 1-3  | 1-3  |
|                      | SEET STE 70VA 7429                                    | 20-70   | 4-14     | 2-4   | 2-4   | 1   | T.B.D.   | 1-2  | 1-2  |
|                      | TCI PICO WOLF 60                                      | 10-60   | 4-12     | 2-4   | 2-4   |   | 3-5  | 2  | 2  |
|                      | Vossloh Schwabe EST 60/12.635                         | 10-60   | 4-12     | 2-4   | 2-4   |   | 1-5  | 1-2  | 1-2  |
|                      | RELCO ICE60 PFS TH 60W                                | 10-60   | 4-12     | 2-4   | 2-4   | 1   | 2-5  | 1-2  | 1-2  |
|                      | Varilight YT50L                                       | 0-50    | 0-10     | 1-3   | 1-3   | 1   | T.B.D.   | 1-3  | 1-2  |
|                      | Varilight YT70L                                       | 0-70    | 0-14     | 1-3   | 1-3   | 1-2   | 1-6  | 1-3  | 1-3  |
|                      | Vossloh Schwabe EST 70/12.380                         | 20-70   | 4-14     | 2-4   | 2-4   | 1   | 1-6  | 1,2  | 1-2  |
|                      | Paulmann Trafo Halo + LED 0-65W - 97767               | 20-60   | 4-12     | 1-6   | 1-6   | 1-5   | 1-10   | 1-6  | 1-6  |
|                      | Govena YT60   | 20-70   | 4-14     | 1-4   | 1-4   | 1-2   | 1-5  | 1-3  | 1-3  |
|                      | SLV 461060 Micro 60 PFS                               | 20-60   | 4-12     | 1-2   | 1-2   | 1   | 1-5  | 1-2  | 1-2  |
|                      | Osram 111593 ET PARROT 70/220-240                     | 10-60   | 4-12     |   |   |   | T.B.D.   |  |  |
|                      | TCI 119617 ROUND 70                                   | 20-70   | 4-14     | 1   | 1   | 1-2   | 1-6  | 1-2  | 1-2  |
|                      | EVN TAB 70 (3310)                                     | 20-70   | 4-14     | 1   | 1   | 1-2   | 1-6  | 1-2  | 1-2  |
|                      | EVN MINIJOKER 70(T27/10)                              | 10-70   | 2-14     |   |   | 2   | 1-6  | 2  | 2  |
|                      | Niko 320-00121  | 10-65   | 0-40     | 1   | 1   | 1   | 1-6  | 1-2  | 1-2  |
| Transformer 20-105W  | Philips Primaline 105                                 | 35-105  | 7-20     | 1-5   | 1-5   | 1,3   | 1-9  | 1-4  | 1-4  |
|                      | OSRAM Halotronic HTM 105                              | 35-105  | 7-20     | 1-5   | 1-5   | 1-3   | 1-9  | 1-4  | 1-4  |
|                      | Philips Certaline 105                                 | 35-105  | 7-20     | 1-5   | 1-5   | 1-3   | 1-8  | 1-4  | 1-4  |
|                      | RELCO ICE 105 PFS TH                                  | 20-105  | 4-20     | 2-5   | 2-4   |   | 1-9  | 1-3  | 1-3  |
|                      | Vossloh Schwabe EST 105                               | 20-105  | 4-20     | 2-5   | 2-4   | 1-2   | 1-9  | 1-3  | 1-3  |
|                      | Varilight YT105L                                      | 0-105   | 0-20     | 1-5   | 1-4   | 1-2   | 1-9  | 1-3  | 1-3  |
|                      | OSRAM ET-PARROT 105                                   | 35-105  | 7-20     | 1-4   | 1-4   | 1-3   | 1-9  | 1-3  | 1-3  |
|                      | Govena YT105  | 35-105  | 7-20     | 1-9   | 1-9   | 1-5   | 1-9  | 1-6  | 1-6  |
|                      | Osram 927019 HTL 105/230-240                          | 35-105  | 7-20     | 1-4   | 1-4   | 2-3   |  | 1-3  | 2-3  |
|                      | TCI Pico Wolf 105                                     | 20-105  | 4-20     | 2-5   | 2-4   | 2   | 2-9  | 1-3  | 2-3  |
|                      | GIRA tronic trafo                                     | 20-105  | 4-20     | 2-5   | 2-4   | 2   | 3-9  | 1-3  | 1-3  |
|                      | Osram HTIDALI 105/230...240 DIM+Dynalite DDBC120-DALI | 35-105  | 7-20     | N.A.  | N.A.  |   | N.A.   | 3-10   | 3-11   |
| Transformer 50-150W  | Philips Primaline 150                                 | 50-150  | 10-30    | 1-3   | 1-3   | 2- 4  | 2-3, 5-6   | 1-4  | 1-6  |
|                      | OSRAM HTM 150   | 50-150  | 10-30    | 1-5   | 1-5   | 2- 4  | 1-13   | 2-4  | 2-6  |
|                      | Varilight YT150                                       | 0-150   | 0-30     | 1-8   | 1-4   | 1- 3  | 1-13   | 1-5  | 1-5  |
|                      | SLV TRANSFORMATEUR, 12V AC, 150VA,                    | 50-150  | 10-30    | 1-6   | 1-6   | 1-4   | T.B.D.   | 1-5  | 1-5  |
|                      | TCI Wolf 150, WX 150                                  | 50-150  | 10-30    | 1-6   | 1-6   | 2-4   | T.B.D.   | 2-5  | 2-5  |
|                      | Jung SNT150   | 50-150  | 10-30    | 1-2   | 1-2   | 2-4   | 1-13   | 1-5  | 2-5  |
|                      | RELCO RN1684 FOX 150 PFS TH                           | 50-150  | 10-30    | 1-2   | 1-2   |   | 3-13   | 1-2  | 1-2  |
| Trans-former 50-250W | RELCO ICE 200 PFS TH                                  | 100-200 | 20-40    | 5-8   | 4   |   |  | 4-6  | 4-6  |
|                      | Osram 927026 HTL 225/230-240                          | 50-225  | 10-45    | 1-9   | 1-9   | 2-6   | 1-14   | 2-7  | 2-7  |

# Professional transformer compatibility list LED Low Voltage range

Recommended transformer compatibility list for Low Voltage lamps  
For non-dimmable systems only

Key

|        |   |  |
|--------|---|--|
| x-y    | Transformer is compatible with x - y lamp   | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| x-y    | Transformer is compatible but will not work according Philips claimed specifications under all conditions |  |
|        | Transformer is not compatible and therefore will not comply to Philips claimed specifications             |  |
| N.A.   | Transformer lamp combination not applicable/relevant  |  |
| T.B.D. | Transformer lamp combination not tested   |  |





|                                 |  |         |          | LED Bulb   |   |   |
|---------------------------------|--|---------|----------|--|---|---|
|                                 |  |         |          | MAS LEDspotLV DimTone<br>5-35W MR16 36D<br><br>9290019047<br><br><br> | MAS LED SPOT VLE D<br>7.5-50W MR16<br><br>9290024932<br>9290024933<br>9290024934<br>9290024935<br>9290024936<br>9290024937<br><br><br> | MAS LEDspot LV DimTone<br>7.5-50W MR16 36D<br><br>9290024938<br><br><br> |
| Transformer<br>10-70W           | Brand/type   | Watt    | LED Watt |  |   |   |
|                                 | Philips Primaline 70                                   | 20-70   | 4-14     |  | 1-2   | 1   |
|                                 | OSRAM Halotronic HTM 70 (new type)                     | 20-70   | 4-14     | 1-2  | 1-2   | 1   |
|                                 | Philips ET-S60   | 20-60   | 4-12     | 1-2  | T.B.D.  | T.B.D.  |
|                                 | Philips Certaline 60                                   | 20-60   | 4-12     | 1-2  | 1-2   | 1   |
|                                 | SEET STE 70VA 7429                                     | 20-70   | 4-14     | 1-2  | 1   | 1   |
|                                 | TCI PICO WOLF 60                                       | 10-60   | 4-12     | 1-2  | 2   |   |
|                                 | Vossloh Schwabe EST 60/12.635                          | 10-60   | 4-12     | 1-2  | 1   | 1   |
|                                 | RELCO ICE60 PFS TH 60W                                 | 10-60   | 4-12     | 2  | 1   | 1   |
|                                 | Varilight YT50L  | 0-50    | 0-10     | 1-2  | 1   | 1   |
|                                 | Varilight YT70L  | 0-70    | 0-14     | 1-2  | 1   | 1   |
|                                 | Vossloh Schwabe EST 70/12.380                          | 20-70   | 4-14     | 1-2  | 1-2   | 1   |
|                                 | Paulmann Trafo Halo + LED 0-65W - 97767                | 20-60   | 4-12     | 1-2  | 1-5   | 1-5   |
|                                 | Govena YT60  | 20-70   | 4-14     | 1-2  | 1-2   | 1-2   |
|                                 | SLV 461060 Micro 60 PFS                                | 20-60   | 4-12     | 1-2  | 1   | 1   |
|                                 | Osram 111593 ET PARROT 70/220-240                      | 10-60   | 4-12     | 1-2  |   | 1   |
|                                 | TCI 119617 ROUND 70                                    | 20-70   | 4-14     | 2  | 1   | 1   |
|                                 | EVN TAB 70 (3310)                                      | 20-70   | 4-14     | 2  | 1   | 1   |
|                                 | EVN MINIJOKER 70(T27/10)                               | 10-70   | 2-14     | 2  |   |   |
|                                 | Niko 320-00121   | 10-65   | 0-40     | 1-2  | 1   | 1   |
| Transformer<br>20-105W          | Philips Primaline 105                                  | 35-105  | 7-20     | 1  | 1-3   | 1-2   |
|                                 | OSRAM Halotronic HTM 105                               | 35-105  | 7-20     | 1-4  | 1-3   | 1-2   |
|                                 | Philips Certaline 105                                  | 35-105  | 7-20     | 1,3-4  | 1-3   | 2   |
|                                 | RELCO ICE 105 PFS TH                                   | 20-105  | 4-20     | 1-4  | 1-2   | 2   |
|                                 | Vossloh Schwabe EST 105                                | 20-105  | 4-20     | 2-4  | 1-2   | 1-2   |
|                                 | Varilight YT105L                                       | 0-105   | 0-20     | 1-4  | 1-2   | 1-2   |
|                                 | OSRAM ET-PARROT 105                                    | 35-105  | 7-20     | 1-4  | 1-2   | 1-2   |
|                                 | Govena YT105   | 35-105  | 7-20     | 1-4  | 1-5   | 1-5   |
|                                 | Osram 927019 HTL 105/230-240                           | 35-105  | 7-20     | 1-4  | 2   | 2   |
|                                 | TCI Pico Wolf 105                                      | 20-105  | 4-20     | 1-4  | 1-2   | 2   |
|                                 | GIRA tronic trafo                                      | 20-105  | 4-20     | 3-4  | 1-2   | 2   |
|                                 | Osram HTI DALI 105/230...240 DIM+Dynalite DDBC120-DALI | 35-105  | 7-20     | 2-4  | 2-7   | 3-13  |
|                                 |  |         |          |  |   |   |
| Transformer<br>50-150W          | Philips Primaline 150                                  | 50-150  | 10-30    | 1,3-6  | 1-4   | 1-3   |
|                                 | OSRAM HTM 150  | 50-150  | 10-30    | 2-6  | 2-4   | 2-3   |
|                                 | Varilight YT150  | 0-150   | 0-30     | 1-6  | 1- 3  | 1-3   |
|                                 | SLV TRANSFORMATEUR, 12V AC, 150VA                      | 50-150  | 10-30    | 1-6  | 1-4   | 1-4   |
|                                 | TCI Wolf 150, WX 150                                   | 50-150  | 10-30    | 1,3-6  | 2-4   | 3-4   |
|                                 | Jung SNT150  | 50-150  | 10-30    | 3-6  | 1-4   | 1-4   |
|                                 | RELCO RN1684 FOX 150 PFS TH                            | 50-150  | 10-30    | 1-3, 5-6   | 1   | 1   |
|                                 |  |         |          |  |   |   |
| Trans-<br>former<br>50-<br>250W | RELCO ICE 200 PFS TH                                   | 100-200 | 20-40    | 5-8  | 3-5   | 3-4   |
|                                 | Osram 927026 HTL 225/230-240                           | 50-225  | 10-45    | 2-9  | 2-6   | 2-6   |

Professional transformer compatibility list LED Low Voltage range

Recommended transformer compatibility list for Low Voltage lamps  
For non-dimmable systems only

Key

|        |   |  |
|--------|---|--|
| x-y    | Transformer is compatible with x - y lamp   | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| x-y    | Transformer is compatible but will not work according Philips claimed specifications under all conditions |  |
|        | Transformer is not compatible and therefore will not comply to Philips claimed specifications             |  |
| N.A.   | Transformer lamp combination not applicable/relevant  |  |
| T.B.D. | Transformer lamp combination not tested   |  |






|                                 |  |         |          | LED Bulb  |   |   |   |
|---------------------------------|--|---------|----------|---|---|---|---|
|                                 |  |         |          | MCorePro LEDcapsuleLV<br>1-10W G4 827<br>9290023888<br><br>CorePro LEDcapsuleLV<br>1-10W G4 830<br>9290023889<br><br>LED 10W G4 WH 12V ND<br>SRT6<br>9290023889 | CorePro LEDcapsuleLV<br>1.8-20W GY6.35<br>9290023897<br>9290023898                  | CorePro LEDcapsuleLV<br>1.8-20W G4 827<br>9290023890<br><br>CorePro LEDcapsuleLV<br>1.8-20W G4 830<br>9290023891<br><br>LED 20W G4 WH 12V RF<br>ND SRT6<br>9290023891 | CorePro LEDcapsuleLV<br>2.1-20W G4 827 D<br>9290037792  |
|                                 |  |         |          |    |  |    | <br><br>Dimmable |
| Transformer<br>10-70W           | Brand/type   | Watt    | LED Watt |   |   |   |   |
|                                 | Philips Primaline 70                                   | 20-70   | 4-14     | 1-10  | 1-7   | 1-7   | 2-6   |
|                                 | OSRAM Halotronic HTM 70 (new type)                     | 20-70   | 4-14     | 1-10  | 1-7   | 1-7   | 1-6   |
|                                 | Philips ET-S60   | 20-60   | 4-12     |   | T.B.D.  | T.B.D.  |   |
|                                 | Philips Certaline 60                                   | 20-60   | 4-12     | 1-10  | 1-6   | 1-6   | 1-5   |
|                                 | SEET STE 70VA 7429                                     | 20-70   | 4-14     | 1-10  | T.B.D.  | T.B.D.  | 1-6   |
|                                 | TCI PICO WOLF 60                                       | 10-60   | 4-12     |   | 1-6   | 1-6   | 2-5   |
|                                 | Vossloh Schwabe EST 60/12.635                          | 10-60   | 4-12     | 1   | 1-6   | 1-6   | 1-5   |
|                                 | RELCO ICE60 PFS TH 60W                                 | 10-60   | 4-12     | 1-10  | 1-6   | 1-6   | 1-5   |
|                                 | Varilight YT50L  | 0-50    | 0-10     | 1-10  | T.B.D.  | T.B.D.  | 1-4   |
|                                 | Varilight YT70L  | 0-70    | 0-14     | 1-10  | 1-7   | 1-7   | 1-6   |
|                                 | Vossloh Schwabe EST 70/12.380                          | 20-70   | 4-14     | 1-10  | 1-7   | 1-7   | 1-6   |
|                                 | Paulmann Trafo Halo + LED 0-65W - 97767                | 20-60   | 4-12     | 1-16  | 1-13  | 1-13  | 1-5   |
|                                 | Govena YT60  | 20-70   | 4-14     | 1-20  | 1-6   | 1-6   | 1-5   |
|                                 | SLV 461060 Micro 60 PFS                                | 20-60   | 4-12     | 1-12  | 1-6   | 1-6   | 1-5   |
|                                 | Osram 111593 ET PARROT 70/220-240                      | 10-60   | 4-12     | 1-7   | T.B.D.  | T.B.D.  | 1-6   |
|                                 | TCI 119617 ROUND 70                                    | 20-70   | 4-14     | 1-5   | 1-7   | 1-7   | 1-6   |
|                                 | EVN TAB 70 (3310)                                      | 20-70   | 4-14     | 1-4   | 1-7   | 1-7   | 1-6   |
|                                 | EVN MINIJOKER 70(T27/10)                               | 10-70   | 2-14     |   | 1-7   | 1-7   | 2-6   |
|                                 | Niko 320-00121   | 10-65   | 0-40     |   | 1-5   | 1-5   | 1-5   |
| Transformer<br>20-105W          | Philips Primaline 105                                  | 35-105  | 7-20     | 1-10  | 1-11  | 1-11  | 1-10  |
|                                 | OSRAM Halotronic HTM 105                               | 35-105  | 7-20     | 1-10  | 1-11  | 1-11  | 1-10  |
|                                 | Philips Certaline 105                                  | 35-105  | 7-20     | 1-10  | 1-3   | 1-3   | 1-10  |
|                                 | RELCO ICE 105 PFS TH                                   | 20-105  | 4-20     | 1-10  | 1-11  | 1-11  | 1-10  |
|                                 | Vossloh Schwabe EST 105                                | 20-105  | 4-20     | 1-10  | 1-11  | 1-11  | 1-10  |
|                                 | Varilight YT105L                                       | 0-105   | 0-20     | 1-10  | 1-11  | 1-11  | 1-10  |
|                                 | OSRAM ET-PARROT 105                                    | 35-105  | 7-20     | 1-21  | 1-11  | 1-11  | 1-10  |
|                                 | Govena YT105   | 35-105  | 7-20     | 1-25  | 1-11  | 1-11  | 1-10  |
|                                 | Osram 927019 HTL 105/230-240                           | 35-105  | 7-20     | 1-21  | T.B.D.  | T.B.D.  | 2-10  |
|                                 | TCI Pico Wolf 105                                      | 20-105  | 4-20     | 1   | 1-11  | 1-11  | 2-10  |
|                                 | GIRA tronic trafo                                      | 20-105  | 4-20     | 1-10  | 1-11  | 1-11  | 3-10  |
|                                 | Osram HTI DALI 105/230...240 DIM+Dynalite DDBC120-DALI | 35-105  | 7-20     | N.A.  | N.A.  | N.A.  | 4-10  |
|                                 |  |         |          |   |   |   |   |
| Transformer<br>50-150W          | Philips Primaline 150                                  | 50-150  | 10-30    | 1-10  |   |   | 2-14  |
|                                 | OSRAM HTM 150  | 50-150  | 10-30    | 1-10  | 1-16  | 1-16  | 3-14  |
|                                 | Varilight YT150  | 0-150   | 0-30     | 1-10  | 1-16  | 1-16  | 1-14  |
|                                 | SLV TRANSFORMATEUR, 12V AC, 150VA                      | 50-150  | 10-30    | 1-25  | 1-16  | 1-16  | 1-14  |
|                                 | TCI Wolf 150, WX 150                                   | 50-150  | 10-30    | 1-25  | T.B.D.  | T.B.D.  | 5-14  |
|                                 | Jung SNT150  | 50-150  | 10-30    |   | 1-16  | 1-16  | 1-14  |
|                                 | RELCO RN1684 FOX 150 PFS TH                            | 50-150  | 10-30    | 1-9   | 1-16  | 1-16  | 9-14  |
| Trans-<br>former<br>50-<br>250W | RELCO ICE 200 PFS TH                                   | 100-200 | 20-40    | 1-2   |   |   | 6-19  |
|                                 | Osram 927026 HTL 225/230-240                           | 50-225  | 10-45    | 1-17  | 1-20  | 1-20  | 3-19  |

# Professional transformer compatibility list LED Low Voltage range

Recommended transformer compatibility list for Low Voltage lamps  
For non-dimmable systems only

Key

|        |   |  |
|--------|---|--|
| x-y    | Transformer is compatible with x - y lamp   | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| x-y    | Transformer is compatible but will not work according Philips claimed specifications under all conditions |  |
|        | Transformer is not compatible and therefore will not comply to Philips claimed specifications             |  |
| N.A.   | Transformer lamp combination not applicable/relevant  |  |
| T.B.D. | Transformer lamp combination not tested   |  |

|                                 |  |         |          | LED Bulb   |   |   |   |
|---------------------------------|--|---------|----------|--|---|---|---|
|                                 |  |         |          | CorePro LEDcapsuleLV<br>4.2-40W GY6.35 827D<br>9290036090  | CorePro LEDcapsuleLV<br>1-10W G4 827micro<br>9290037789                             | CorePro LEDcapsuleLV<br>1.7-20W G4micro 827<br>9290037790                           | CorePro LEDcapsuleLV<br>2.4-28W G4micro 827<br>9290037791                           |
|                                 |  |         |          | <br> |  |  |  |
|                                 |  |         |          |  |   |   |   |
| Transformer<br>10-70W           | Brand/type   | Watt    | LED Watt |  |   |   |   |
|                                 | Philips Primaline 70                                   | 20-70   | 4-14     | 1-3  | 1-14  | 1-8   | 1-5   |
|                                 | OSRAM Halotronic HTM 70 (new type)                     | 20-70   | 4-14     | 1-3  | 1-14  | 1-8   | 1-5   |
|                                 | Philips ET-S60   | 20-60   | 4-12     | T.B.D.   | 1-2   | 1-2   | 1-2   |
|                                 | Philips Certaline 60                                   | 20-60   | 4-12     | 1-2  | 1-12  | 1-7   | 1-4   |
|                                 | SEET STE 70VA 7429                                     | 20-70   | 4-14     | 1-2  | 1-14  | 1-8   | 1-5   |
|                                 | TCI PICO WOLF 60                                       | 10-60   | 4-12     | 2  |   |   |   |
|                                 | Vossloh Schwabe EST 60/12.635                          | 10-60   | 4-12     | 2  |   |   |   |
|                                 | RELCO ICE60 PFS TH 60W                                 | 10-60   | 4-12     | 1-2  | 1-12  | 1-7   | 1-4   |
|                                 | Varilight YT50L  | 0-50    | 0-10     | 1-2  | 1-10  | 1-6   | 1-3   |
|                                 | Varilight YT70L  | 0-70    | 0-14     | 1-3  | 1-14  | 1-8   | 1-5   |
|                                 | Vossloh Schwabe EST 70/12.380                          | 20-70   | 4-14     | 1-3  | 1-14  | 1-8   | 1-5   |
|                                 | Paulmann Trafo Halo + LED 0-65W - 97767                | 20-60   | 4-12     | 1-9  | 1-12  | 1-7   | 1-4   |
|                                 | Govena YT60  | 20-70   | 4-14     | 1-2  | 1-12  | 1-8   | 1-4   |
|                                 | SLV 461060 Micro 60 PFS                                | 20-60   | 4-12     | 1-2  | 1-12  | 1-7   | 1-4   |
|                                 | Osram 111593 ET PARROT 70/220-240                      | 10-60   | 4-12     | 1-3  | 1-12  | 1-7   | 1-4   |
|                                 | TCI 119617 ROUND 70                                    | 20-70   | 4-14     | 1-3  | 1-7   | 1-5   | 1-2   |
|                                 | EVN TAB 70 (3310)                                      | 20-70   | 4-14     | 1-3  | 1-8   | 1-4   | 1-2   |
|                                 | EVN MINIJOKER 70(T27/10)                               | 10-70   | 2-14     | 2-3  |   |   |   |
|                                 | Niko 320-00121   | 10-65   | 0-40     | 1-3  | 1-4   | 1-3   | 1-2   |
| Transformer<br>20-105W          | Philips Primaline 105                                  | 35-105  | 7-20     | 1-5  | 1-7   | 1-4   | 1-2   |
|                                 | OSRAM Halotronic HTM 105                               | 35-105  | 7-20     | 1-5  | 1-20  | 1   | 1-4   |
|                                 | Philips Certaline 105                                  | 35-105  | 7-20     | 1-5  | 1-7   | 1-12  | 1-7   |
|                                 | RELCO ICE 105 PFS TH                                   | 20-105  | 4-20     | 1-5  | 1-20  | 1-6   | 1-7   |
|                                 | Vossloh Schwabe EST 105                                | 20-105  | 4-20     | 1-5  | 1-20  | 1-12  | 1-7   |
|                                 | Varilight YT105L                                       | 0-105   | 0-20     | 1-5  | 1-20  | 1-12  | 1-7   |
|                                 | OSRAM ET-PARROT 105                                    | 35-105  | 7-20     | 1-5  | 1-20  | 1-12  | 1-7   |
|                                 | Govena YT105   | 35-105  | 7-20     | 1-5  | 1-20  | 1-12  | 1-7   |
|                                 | Osram 927019 HTL 105/230-240                           | 35-105  | 7-20     | 2-5  | 1-20  | 1-6   | 1-7   |
|                                 | TCI Pico Wolf 105                                      | 20-105  | 4-20     | 1-5  |   |   |   |
|                                 | GIRA tronic trafo                                      | 20-105  | 4-20     | 2-5  |   |   |   |
|                                 | Osram HTI DALI 105/230...240 DIM+Dynalite DDBC120-DALI | 35-105  | 7-20     | 2-15   |   |   | 1-4   |
|                                 |  |         |          |  |   |   |   |
| Transformer<br>50-150W          | Philips Primaline 150                                  | 50-150  | 10-30    | 1-7  | 1-7   | 1-6   | 1-7   |
|                                 | OSRAM HTM 150  | 50-150  | 10-30    | 2-7  | 1-7   | 1-7   | 1-8   |
|                                 | Varilight YT150  | 0-150   | 0-30     | 1-7  | 1-20  | 1-17  | 1-12  |
|                                 | SLV TRANSFORMATEUR, 12V AC, 150VA                      | 50-150  | 10-30    | 1-7  | 1-20  | 1-17  | 1-12  |
|                                 | TCI Wolf 150, WX 150                                   | 50-150  | 10-30    | 2-7  | 1-14  | 1-17  | 1-12  |
|                                 | Jung SNT150  | 50-150  | 10-30    | 1-7  | 1-4   | 1   | 1   |
|                                 | RELCO RN1684 FOX 150 PFS TH                            | 50-150  | 10-30    | 1-2  | 1-13  | 1-6   | 1-7   |
|                                 |  |         |          |  |   |   |   |
| Trans-<br>former<br>50-<br>250W | RELCO ICE 200 PFS TH                                   | 100-200 | 20-40    | 4-9  |   |   |   |
|                                 | Osram 927026 HTL 225/230-240                           | 50-225  | 10-45    | 2-10   | 1-20  | 1-18  | 1-18  |



# Professional dimmer transformer compatibility list LED

## Low Voltage range

Key

|   |   |   |
|---|---|---|
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.                        | This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults. |
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%. |   |
|   | Transformer is not compatible.  |   |
|   | Transformer lamp combination not applicable   |   |
|   | Transformer lamp combination not tested   |   |



MAS LEDspotLV D 7.5-43W MR16  
9290030797, 9290030798, 9290030799, 9290030800, 9290030801, 9290030802

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4-400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |   |     |   |   |   |   |     |   |     |
|---|---|-----|---|---|---|---|-----|---|-----|
| 1 |   |     | 1 |   | 1 | 1 | 1-2 | 1 |     |
| 1 | 1 | 2   |   |   | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 |   | 1   |   | 1 | 1 | 1 | 1-2 |   | 1-2 |
|   | 1 | 2   | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 |   | 1 | 1 | 1-2 |   | 1-2 |
| 1 |   | 1-2 | 1 | 1 | 1 | 1 | 1-2 |   | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 |   |     | 1 | 1 | 1 | 1 | 1-2 | 1 | 2   |
| 1 |   | 1-2 | 1 | 1 | 1 | 1 | 1-2 |   | 1-2 |



MAS LED ExpertColor 6.7-35W MR16  
9290030785, 9290030786, 9290030787, 9290030788, 9290030789, 9290030790, 9290030791, 9290030792, 9290030793, 9290030794, 9290030795, 9290030796

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4-400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |   |     |   |   |     |     |     |   |     |
|---|---|-----|---|---|-----|-----|-----|---|-----|
| 1 |   | 1-2 | 1 |   | 1-2 | 1   | 1-2 | 1 | 1-2 |
| 1 | 1 | 1   | 1 |   | 1-2 | 1-2 | 1-2 | 1 |     |
| 1 | 1 | 1   | 1 | 1 | 1-2 | 2   | 1-2 | 1 | 2   |
| 1 |   | 1   |   | 1 | 1-2 | 1-2 | 1-2 |   | 1-2 |
| 1 |   | 2   | 1 | 1 | 1-2 | 1-2 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1   | 1 |   | 1-2 | 1-2 | 1-2 |   | 1-2 |
| 1 |   | 1   | 1 | 1 | 1-2 | 1-2 | 1-2 |   | 1-2 |
| 1 | 1 | 1   | 1 | 1 | 1   | 1-2 | 1-2 | 1 | 1-2 |
| 1 |   | 1   | 1 | 1 | 1   | 1   | 2   | 1 |     |
| 1 |   | 1   | 1 | 1 | 1-2 | 1-2 | 1-2 |   | 1-2 |



MAS LEDspotLV D 7.5-50W MR16  
9290024919, 9290024920, 9290024921, 9290024922, 9290024923, 9290024924

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4-400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |   |     |   |   |   |   |     |   |     |
|---|---|-----|---|---|---|---|-----|---|-----|
| 1 |   |     | 1 |   | 1 | 1 | 1-2 | 1 |     |
| 1 | 1 | 2   |   |   | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 |   | 1-2 |   | 1 | 1 | 1 | 1-2 |   | 1-2 |
| 1 | 1 | 2   | 1 | 1 | 1 | 1 | 1-2 | 1 | 2   |
| 1 |   | 1-2 | 1 |   | 1 | 1 | 1-2 |   | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 |   | 1-2 |
| 1 | 1 | 2   | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 |   |     | 1 | 1 | 1 | 1 | 1-2 | 1 |     |
| 1 |   | 1-2 | 1 | 1 | 1 | 1 | 1-2 |   | 1-2 |




# Professional dimmer transformer compatibility list LED


## Low Voltage range

Key


|   |   |  |
|---|---|--|
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.                        | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%. |  |
|   | Transformer is not compatible.  |  |
|   | Transformer lamp combination not applicable   |  |
|   | Transformer lamp combination not tested   |  |

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|  | <b>MAS LEDspot LV DimTone 7.5-50W MR16 36D</b><br>9290024938 |  |  |
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| Dimmer  | Brand  | Model  | Load   |
|   | Legrand  | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB   | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB   | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako   | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller                                    | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller                                    | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips  | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller  | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|   | Varilight  | HQ3W   | [R ] 60-400W                                     |
|   | Vimar  | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |
| 1           |              |               |           | 1-2             | 1        | 1        | 1-3     | 1         |           |
| 1           | 1-2          |               | 1-2       | 1-2             | 1-2      | 1        | 1-3     | 1         | 3         |
| 1           | 2            | 3             | 1-2       | 1-2             |          | 1        | 1-3     | 1         | 1-3       |
| 1           |              | 3             | 1-2       | 1-2             |          | 1        | 1-3     | 1         | 3         |
|             |              | 3             | 1-2       | 1-2             |          | 1        | 1-3     | 1         | 3         |
| 1           |              | 3             | 1-2       | 1-2             | 1-2      | 1        | 1-3     | 1         | 3         |
| 1           | 2            | 3             | 1-2       | 1-2             | 1-2      | 1        | 1-3     | 1         | 3         |
| 1           | 2            | 3             | 1-2       | 1-2             | 1-2      | 1        | 1-3     | 1         | 3         |
|             |              | 3             |           | 1-2             |          | 1        | 1-3     | 1         |           |
| 1           | 3            | 1-3           | 1-2       | 1-2             | 1-2      | 1        | 1-3     | 1         | 1-3       |

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|  | <b>MAS LEDspotLV DimTone 5.8-35W MR16 36D</b><br>9290024931 |  |  |
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| Dimmer  | Brand   | Model  | Load   |
|   | Legrand   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB  | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB  | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako  | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller                                   | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller                                   | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller   | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|   | Varilight   | HQ3W   | [R ] 60-400W                                     |
|   | Vimar   | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |
| 1-2         |              | 1-3           | 2         | 2               | 2        |          | 1-6     | 1         | 3         |
| 1-2         | 2            |               |           |                 |          |          |         |           |           |
| 1-2         |              | 1-3           | 1-2       | 1-2             | 1-2      | 1        | 1-6     | 1         |           |
| 1-2         |              |               | 1-2       | 1-2             | 1-2      | 1        | 1       | 1         | 3         |
| 1-2         | 2            |               | 1-2       | 1-2             |          |          |         |           | 3         |
|             |              |               |           |                 |          |          |         |           |           |
|             |              | 1-3           | 1-2       | 1-2             | 1-2      | 1        | 1-6     | 1         | 3         |
| 1-2         |              |               | 1-2       | 2               | 2        | 1        | 1-6     | 1         | 3         |
|             |              | 3             | 1-2       | 1-2             |          | 1        | 1       | 1         |           |
| 1-2         |              | 1-3           | 1-2       | 1-2             | 1-2      | 1        | 1-6     | 1         | 3         |

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|  | <b>MAS LED SPOT VLE D 7.5-50W MR16</b><br>9290024932, 9290024933, 9290024934, 9290024935, 9290024936, 9290024937 |  |  |
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|   |  |  |  |
| Dimmer  | Brand  | Model  | Load   |
|   | Legrand  | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB   | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB   | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako   | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller  | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller  | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips  | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller  | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|   | Varilight  | HQ3W   | [R ] 60-400W                                     |
|   | Vimar  | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |


| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |
| 1           |              | 2             | 1         | 1               | 1        | 1        | 1-3     | 1         |           |
|             | 1            | 1             | 1         |                 |          |          |         |           | 1-3       |
| 1           |              | 2             | 1         | 1               |          | 1        | 3       | 1         | 1-3       |
| 1           |              | 1-2           | 1         | 1               |          |          |         |           | 3         |
| 1           |              | 1             |           | 1               |          |          | 1-3     |           | 3         |
| 1           |              | 2             |           | 1               |          |          | 1-3     |           | 3         |
| 1           |              |               | 1         | 1               | 1        | 1        | 1-3     | 1         | 3         |
| 1           |              | 2             | 1         | 1               |          | 1        | 1-3     | 1         | 3         |
| 1           |              |               | 1         |                 |          | 1        | 1-3     | 1         |           |
| 1           |              |               | 1         |                 |          |          |         |           |           |

# Professional dimmer transformer compatibility list LED

## Low Voltage range


Key

|   |   |  |
|---|---|--|
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.                        | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%. |  |
|   | Transformer is not compatible.  |  |
|   | Transformer lamp combination not applicable   |  |
|   | Transformer lamp combination not tested   |  |

|   |  |  |  |
|---|--|--|--|
|  | <b>MAS LED spot VLE D 5.8-35W MR16</b><br>9290024925, 9290024926, 9290024927, 9290024928, 9290024929, 9290024930 |  |  |
|   | Brand  | Model  | Load   |
|   | Legrand  | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB   | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB   | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako   | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller  | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller  | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips  | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller  | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
| Dimmer  | Varilight  | HQ3W   | [R ] 60-400W                                     |
|   | Vimar  | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |


| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |     |     |     |     |     |   |     |   |     |
|---|-----|-----|-----|-----|-----|---|-----|---|-----|
| 1 |     | 1-2 | 1-2 | 2   | 1   |   |     | 1 | 2   |
|   |     |     |     |     |     |   |     |   | 1-2 |
| 1 |     | 2   | 1-2 | 1-2 | 1-2 | 1 | 1-2 | 1 |     |
| 1 |     | 1-2 | 1-2 | 1-2 | 1   | 1 |     |   |     |
| 1 | 1-2 |     | 1-2 | 1-2 |     | 1 |     |   |     |
| 1 |     | 1-2 | 1-2 | 1-2 | 1-2 | 1 |     |   |     |
| 1 |     | 1   | 1-2 |     |     |   |     |   |     |
|   |     | 2   | 1-2 | 1-2 | 2   | 1 | 1-2 | 1 |     |
| 1 |     |     |     |     |     |   |     | 1 |     |
| 1 |     |     | 1   |     |     |   |     |   |     |

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|  | <b>MAS LEDspotLV DimTone 5-35W MR16 36D</b><br>9290019047 |  |  |
|   | Brand   | Model  | Load   |
|   | Legrand   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB  | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB  | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako  | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller                                 | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller                                 | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller   | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
| Dimmer  | Varilight   | HQ3W   | [R ] 60-400W                                     |
|   | Vimar   | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|     |   |   |     |     |     |     |     |     |     |
|-----|---|---|-----|-----|-----|-----|-----|-----|-----|
| 1-2 |   | 3 | 1-2 | 1-2 | 2   | 1-2 | 1-3 | 1-2 | 3   |
| 2   | 2 | 3 | 2   | 2   | 2   | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 | 2 | 3 | 1-2 | 2   | 2   | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 |   | 3 | 1-2 | 1-2 | 1-2 | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 | 2 | 3 | 1-2 | 1-2 | 1-2 | 1-2 | 1-3 | 1-2 |     |
| 1-2 | 2 | 3 | 1-2 | 1-2 | 2   | 1-2 | 1-3 | 1-2 | 3   |
| 2   | 2 | 3 | 1-2 | 1   | 1-2 | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 | 2 |   | 1-2 | 1-2 | 2   | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 | 2 | 3 | 1-2 | 1-2 |     | 1-2 | 1-3 | 1-2 |     |
| 1-2 | 2 | 3 | 1-2 | 1-2 | 2   | 1-2 | 1-3 | 2   | 1-3 |

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|  | <b>MAS LEDExpertColor 20-100W 927 AR111 24D</b><br>9290034786, 9290034787, 9290034788, 9290034789, 9290034790, 9290034791 |  |  |
|   | Brand   | Model  | Load   |
|   | Legrand   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|   | Busch Jaeger   ABB  | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|   | Busch Jaeger   ABB  | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|   | Eltako  | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|   | Merten  Schneider  Feller   | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|   | Merten  Schneider  Feller   | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|   | Philips   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|   | Schneider  Feller   | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
| Dimmer  | Varilight   | HQ3W   | [R ] 60-400W                                     |
|   | Vimar   | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |  |   |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|---|
|   |  |   |   |   |   |   |   |   |   |
| 1 |  | 1 |   |   | 1 | 1 |   | 1 | 1 |
|   |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   |  |   |   |   |   |   |   |   | 1 |
|   |  |   |   |   | 1 | 1 | 1 | 1 |   |
|   |  | 1 |   |   | 1 | 1 | 1 | 1 | 1 |
|   |  |   |   | 1 |   |   |   |   |   |
|   |  | 1 |   | 1 |   | 1 | 1 | 1 | 1 |
|   |  | 1 |   |   |   |   | 1 |   |   |
|   |  |   |   | 1 | 1 | 1 | 1 | 1 |   |

# Professional dimmer transformer compatibility list LED

## Low Voltage range

Key

|   |   |  |
|---|---|--|
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.                        | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%. |  |
|   | Transformer is not compatible.  |  |
|   | Transformer lamp combination not applicable   |  |
|   | Transformer lamp combination not tested   |  |



MAS ExpertColor 14.8-75W 927 AR111  
9290030426, 9290030427, 9290030428, 9290030429, 9290030430, 9290030431

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Govena   |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |   |   |   |   |   |   |   |   |     |
|---|---|---|---|---|---|---|---|---|-----|
|   |   |   |   |   |   |   |   |   |     |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1   |
|   |   | 1 | 1 |   | 1 | 1 | 1 | 1 |     |
|   |   |   | 1 |   | 1 | 1 | 1 | 1 |     |
| 1 |   |   | 1 | 1 | 1 | 1 | 1 | 1 |     |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 1-2 |
|   |   |   |   |   |   | 1 | 1 |   |     |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 1-2 |
|   |   |   |   |   |   |   |   |   |     |
| 1 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1-2 |



MAS ExpertColor 10.8-50W 927 AR111  
9290030432, 9290030433, 9290030434, 9290030435, 9290030436, 9290030437

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Govena   |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|   |   |     |   |   |   |   |     |   |     |
|---|---|-----|---|---|---|---|-----|---|-----|
| 1 |   |     | 1 |   | 1 |   |     |   |     |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 |   | 1 | 1-2 |   | 1-2 |
|   |   |     |   | 1 |   | 1 | 1-2 | 1 | 2   |
| 1 |   | 1   |   |   | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |
| 1 | 1 | 1-2 |   | 1 | 1 | 1 | 1-2 | 1 | 2   |
|   |   |     |   |   |   |   |     |   |     |
| 1 | 1 | 1-2 | 1 | 1 | 1 | 1 | 1-2 | 1 | 1-2 |



CorePro LEDcapsule LV 4.2-40W GY6.35 827D  
9290036090

| Dimmer | Brand                     | Model  | Load   |
|--------|---------------------------|--|--|
|        | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   |
|        | Busch Jaeger   ABB        | 6513 U - 102                                   | [RC] 40 ~ 420 W - Turn                           |
|        | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          |
|        | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          |
|        | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 |
|        | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED |
|        | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              |
|        | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       |
|        | Varilight                 | HQ3W   | [R ] 60-400W                                     |
|        | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            |

| Transformer |              |               |           |                 |          |          |         |           |           |
|-------------|--------------|---------------|-----------|-----------------|----------|----------|---------|-----------|-----------|
| Philips     |              |               | Osram     | Vossloh Schwabe | TCI      | Govena   |         | Varilight | Jung      |
| ET-S60      | Primaline 70 | Certaline 105 | HTM 70    | EST 70          | ROUND 70 | YT60     | YT105   | YT50L     | SNT150    |
| 20 - 60W    | 35 - 105W    | 50 - 150W     | 35 - 105W | 50 - 150W       | 0 - 70W  | 20 - 70W | 35-105W | 20 - 70W  | 20 - 105W |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2   |     | 1-3 | 1-3 | 1-3 |     | 1-2 | 1-3 | 1-2 |     |
|     |     |     |     | 3   |     | 1-2 | 3   | 2   |     |
| 1-2 | 3   | 1-3 | 1-3 | 1-3 |     | 1-2 | 1-3 | 1-2 | 3   |
| 1-2 |     | 1-3 | 1-3 | 1-3 | 1   | 1-2 | 1-3 | 1-2 | 1   |
|     | 3   |     |     | 3   | 3   | 1-2 | 3   |     |     |
| 1-2 |     | 1-3 | 1   | 1-3 | 1-3 | 1   | 1   | 2   | 1-3 |
| 1-2 |     |     |     |     |     |     |     |     |     |
| 2   | 3   | 3   | 3   | 3   | 3   | 2   | 3   | 1-2 | 1-3 |
| 1   | 1-3 |     | 1   | 1-3 |     | 1   |     | 1-2 |     |
| 1-2 | 1-3 | 1   | 1-3 | 1-3 | 3   | 1-2 | 1-3 | 1-2 |     |




# Professional dimmer transformer compatibility list LED

## Low Voltage range

Key

|   |   |  |
|---|---|--|
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.                        | <i>This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults.</i> |
| # | Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%. |  |
|   | Transformer is not compatible.  |  |
|   | Transformer lamp combination not applicable   |  |
|   | Transformer lamp combination not tested   |  |

|  |                           |  |  |             |              |               |                 |          |          |         |           |       |           |
|--|---------------------------|--|--|-------------|--------------|---------------|-----------------|----------|----------|---------|-----------|-------|-----------|
| <div></div> <div>LED 20W G4 WW 12V Dim<br/>9290037792</div> |                           |  |  | Transformer |              |               |                 |          |          |         |           |       |           |
|  |                           |  |  | Philips     |              | Osram         | Vossloh Schwabe | TCI      | Goven    |         | Varilight | Jung  |           |
|  |                           |  |  | ET-S60      | Primaline 70 | Certaline 105 | HTM 70          | EST 70   | ROUND 70 | YT60    | YT105     | YT50L | SNT150    |
|  |                           |  |  | 20 - 60W    | 20 - 70W     | 35 - 105W     | 20 - 70W        | 20 - 70W | 20 - 70W | 0 - 50W | 0 - 70W   | 0-50W | 20 - 105W |
| Dimmer   | Brand                     | Model  | Load   | 1-5         |              | 3-5           | 1-5             | 3-5      | 3-5      | 1-5     | 1-5       | 1-5   | 1-3       |
|  | Legrand                   | BTN4411N<br>BTNT4411<br>BTL4411N               | 5 - 75VA   | 3-5         | 5            | 5             | 3-5             | 3        | 5        | 3-5     | 5         | 5     | 5         |
|  | Busch Jaeger   ABB        | 6523 UR-103 Trailing Edge                      | [LED, R, L, C] 2 - 400W - Turn- Leading          | 1-5         | 3-5          | 3             | 1-5             | 1-5      | 1-5      | 1-5     | 3-5       | 5     |           |
|  | Eltako                    | EVD61NPN-UC                                    | 400W 3-wire Push Module                          | 1-5         |              | 3-5           | 1-5             | 1-5      | 1-3      | 1-5     | 1-5       | 1-5   | 3-5       |
|  | Merten  Schneider  Feller | SBD200LED (MEG5134-0000)                       | [LED/RC] 4 ~ 200W(RC) 4~400W(RL)                 | 3-5         | 3-5          | 3-5           | 1-5             | 3-5      | 3-5      | 3-5     | 3-5       | 3-5   |           |
|  | Merten  Schneider  Feller | MEG5300-0001 (CCT99100)                        | [LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED | 1-5         | 3-5          | 5             | 1-5             | 3-5      | 3-5      | 5       | 3-5       | 1-5   | 3-5       |
|  | Philips                   | UID8670  | [LED] 2 ~ 100 VA-LED - Push (3wire)              | 3-5         | 3-5          | 3-5           | 3-5             | 3-5      | 1-5      | 1-5     | 1-5       | 1-5   | 3-5       |
|  | Schneider  Feller         | SBD315RC (SBD 315, SDD 315, ATD315, CCT011533) | [RC ] 315W                                       | 5           | 5            |               | 5               |          |          | 3-5     | 5         | 3-5   |           |
|  | Varilight                 | HQ3W   | [R ] 60-400W                                     | 1-3         | 3            | 5             | 3               | 1-3      | 1        | 1       | 3-5       | 1,5   |           |
|  | Vimar                     | Universal dimmer 20135.1                       | [LED] 3 - 200W - Tast                            | 1-5         | 3-5          |               | 1-5             | 1-3      |          | 5       |           |       | 3-5       |

- Notes
- Transformers and dimmers are tested with the number of LED light sources mentioned in the tables above. A number of LED light sources outside the listed range may result in less optimal behavior. Although not specifically tested, some combination of dimmers and transformers can be loaded with more light sources than specified in this document.
    - Most (non-LED dedicated) dimmers and or transformers can be loaded with LED light sources up to 20% of dimmer/transformer specified maximum power. Example: Dimmer 400W -> 20% = 80W, which means that e.g. up to 16 pcs 5W LED light sources can be connected.
    - LED dimmers/transformers can be loaded up to the specified maximum dimmer/transformer power (Wattage).
  - Always study the packaging of LED light sources if these can be used in combination with occupancy motion sensors.
  - "Dimming range" color indications and criteria (all percentages relate to the LED light source full power):
    - Green cell: minimum dimming level is below 30% AND maximum level at least 80%.
    - Yellow cell: minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
    - Red cell: not compatible.
    - Grey cell: the dimmer-transformer-LED light source combination is not applicable.
    - White cell: no data available.
    - Single point flicker in the dimming range is acceptable.
  - Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
  - This list is abased on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
  - Dimmer and or transformer manufacturers may change the technical design of their dimmer/transformer without informing Philips. Such changes may affect the performance when used in combination with LED light sources.
  - In general Philips / Signify dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
  - Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips cannot be held responsible.
  - LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
  - The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".
  - The DALI ET test data is with Dynalite DDBC120-DALI controller under litmitted conditions. Signify reserves the rights to the final explanation.

