

DIMMER COMPATIBILITY MR11 + MR16

BASIC INFORMATION:

1. WHAT IS THE PRODUCT CODE AND WHERE DO I FIND IT?

The product code describes the lamp type. It contains 7 letters and digits and is starting with "A". Below an example for the product code of the stamp of the lamp:



2. HOW CAN I READ THE FOLLOWING CHARTS?

Legend:
Information about the dimmability of the lamps. Green means good dimmability, yellow means limited dimmability, red means undesired dimmability etc.

List of dimmers tested in laboratory conditions

| Legend | | | | | | SUPERSTAR PAR16 35 36* | | SUPERSTAR PAR16 50 36* | | SUPERSTAR PAR16 80 36* | | SUPERSTAR PAR16 80 120* | |
|--|---------------|---------------|--------|------|--|---|---------------|--|---------------|--|---------------|--|---------------|
| Good dimmability with indicated number of lamps (dimming range greater than 75%) Limited dimmability with indicated number of lamps (dimming range smaller than 75%) Undesired dimmability Not tested | | | | | | EAN/Basic Code 4058075434676 / AC16509 4052899390133 / AC16509 4058075458086 / AC16509 4058075434690 / AC16511 4052899390167 / AC16511 | | EAN/Basic Code 4058075112544 / AC16512 4052899390171 / AC16512 4052899390195 / AC16514 4058075431713 / AC16514 | | EAN/Basic Code 4058075433663 / AC24603 4058075433564 / AC24603 4058075453561 / AC24605 4058075433540 / AC24605 | | EAN/Basic Code 4058075433687 / AC24609 4058075433526 / AC24609 4058075433700 / AC24611 4058075433502 / AC24611 | |
| Dimmer | | | | | | Number of Lamps | Dimming range | Number of Lamps | Dimming range | Number of Lamps | Dimming range | Number of Lamps | Dimming range |
| Brand | Model | Voltage range | Power | Type | | 1-20 | 99-2% | 1-18 | 97-1% | 85-0% | 87-0% | 85-0% | 87-0% |
| ABB | STD 50-3 | 230/50Hz | 60-500 | L | | 1-3 | 99-0% | 1-20 | 98-0% | 92-0% | 92-0% | 92-0% | 92-0% |
| Altenburger | 50_3 | 230/50Hz | | | | 1-11 | 99-0% | 1-10 | 95-0% | 89-0% | 89-0% | 89-0% | 89-0% |
| AURORA | DSP 400 | 230/50Hz | 400 | L | | 1-10 | 99-0% | 1-20 | 97-0% | 88-0% | 88-0% | 88-0% | 88-0% |
| Berker | 2861 | 230/50Hz | 50-420 | U | | 1-9 | 100-0% | 1-14 | 97-0% | 93-0% | 92-0% | 93-0% | 92-0% |
| Btcino | L/N/NT4411N | 230/50Hz | | | | 1-20 | 100-0% | 1-20 | 97-3% | | | | |
| Busch-Jaeger | 6513 U-102 | 230/50Hz | 420 | T | | 1-4 | 100-0% | 1-7 | 97-6% | 94-3% | 93-3% | 94-3% | 93-3% |
| Busch-Jaeger | 6523 U-102 | 230/50Hz | 40-420 | T | | 1-20 | 99-20% | 1-16 | 98-24% | | | | |
| Busch-Jaeger | 6526 U | 230/50Hz | | | | 1-4 | 99-0% | 1-9 | 97-0% | 90-0% | 90-0% | 90-0% | 90-0% |
| CENTURY CONTROL | MULTI DIMMER | 230/50Hz | 60-600 | U | | 1-16 | 100-0% | 1-13 | 97-0% | 92-0% | 91-0% | 92-0% | 91-0% |
| Domintel | DimMax 420 SL | 230/50Hz | 200 | L/T | | 1-11 | 100-0% | 1-12 | 97-0% | 92-3% | 90-0% | 92-3% | 90-0% |
| ELKO | 400GLI | 230/50Hz | | | | 1-20 | 100-0% | 1-20 | 98-0% | 91-3% | 90-0% | 91-3% | 90-0% |
| ELKO | 315GLE | 230/50Hz | 20-315 | T | | 1-11 | 99-1% | 1-13 | 98-5% | 91-0% | 91-0% | 91-0% | 91-0% |
| ELKO | 600GLE/I | 230/50Hz | | | | 1-20 | 99-0% | 1-20 | 98-0% | 91-2% | 91-2% | 91-2% | 91-2% |

Information about the lamp type

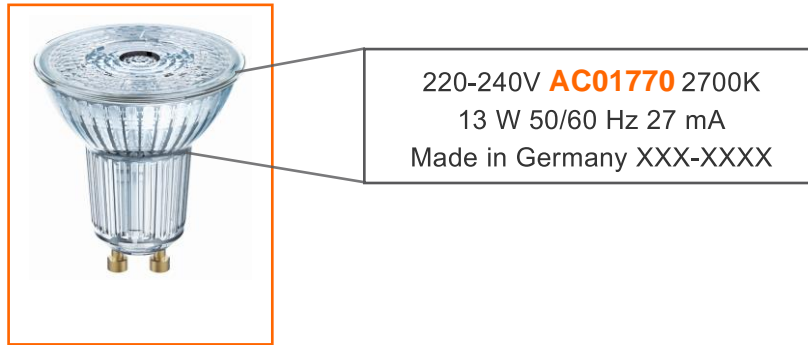
Assessment of the results into categories. Includes the number of lamps and the related dimming range

DIMMER KOMPATIBILITÄT MR11 + MR16

BASISINFORMATIONEN:

1. WAS IST DER PRODUKTCODE UND WO FINDE ICH IHN?

Der Produktcode beschreibt den Lampentyp. Er besteht aus sieben Buchstaben und Ziffern und beginnt mit einem "A". Nachfolgend ein Beispiel eines Produktcodes auf dem Aufdruck der Lampe.



2. WIE LESE ICH DIE FOLGENDEN TABELLEN?

Legende: Angaben zur Dimmbarkeit der Lampen. Grün bedeutet eine gute Dimmbarkeit mit der angegebenen Lampenanzahl, gelb bedeutet eine eingeschränkte Dimmbarkeit, rot bedeutet, dass unerwünschtes Dimmverhalten auftreten kann etc.







Liste der getesteten Dimmer

| Legend | | | | | | SUPERSTAR PAR16 | | | | | | | |
|---|---------------|----------|--------|------|------|--|---|--|--|-----------------|---------------|-----------------|---------------|
| | | | | | | 35 36° | 50 36° | 80 36° | 80 120° | | | | |
| Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | | | | | | | | | | |
| Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | | | | | | | | | |
| Undesired dimmability | | | | | | | | | | | | | |
| Not tested | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | EAN/Basic Code | EAN/Basic Code | EAN/Basic Code | EAN/Basic Code | | | | |
| | | | | | | 4058075431676 / AC16509 4052899390153 / AC16509 | 4058075112544 / AC16512 4052899390171 / AC16512 4058075458086 / AC16509 | 4058075433663 / AC24603 4058075433564 / AC24603 4052899390185 / AC16514 4058075431713 / AC16514 | 4058075433687 / AC24609 4058075433526 / AC24609 4058075433700 / AC24611 4058075433502 / AC24611 | | | | |
| Dimmer | | | | | | Number of Lamps | Dimming range | Number of Lamps | Dimming range | Number of Lamps | Dimming range | Number of Lamps | Dimming range |
| Brand | Model | Voltage | Power | Type | | | | | | | | | |
| ABB | STD 50-3 | 230/50Hz | 60-500 | L | 1-20 | 99-2% | 1-18 | 97-1% | 85-0% | 87-0% | 85-0% | 87-0% | |
| Altenburger | 50_3 | 230/50Hz | | | 1-3 | 99-0% | 1-20 | 98-0% | 92-0% | 92-0% | 92-0% | 92-0% | |
| AURORA | DSP 400 | 230/50Hz | 400 | L | 1-11 | 99-0% | 1-10 | 95-0% | 89-0% | 89-0% | 89-0% | 89-0% | |
| Berker | 2861 | 230/50Hz | 50-420 | U | 1-10 | 99-0% | 1-20 | 97-0% | 88-0% | 88-0% | 88-0% | 88-0% | |
| Bticino | L/N/NT4411N | 230/50Hz | | | 1-9 | 100-0% | 1-14 | 97-0% | 93-0% | 92-0% | 93-0% | 92-0% | |
| Busch-Jaeger | 6513 U-102 | 230/50Hz | 420 | T | 1-20 | 100-0% | 1-20 | 97-3% | | | | | |
| Busch-Jaeger | 6523 U-102 | 230/50Hz | 40-420 | T | 1-4 | 100-9% | 1-7 | 97-6% | 94-3% | 93-3% | 94-3% | 93-3% | |
| Busch-Jaeger | 6526 U | 230/50Hz | | | 1-20 | 99-20% | 1-16 | 98-24% | | | | | |
| CENTURY CONTROL | MULTI DIMMER | 230/50Hz | 60-600 | U | 1-4 | 99-0% | 1-9 | 97-0% | 90-0% | 90-0% | 90-0% | 90-0% | |
| Domintell | DimMax 420 SL | 230/50Hz | 200 | L/T | 1-16 | 100-0% | 1-13 | 97-0% | 92-0% | 91-0% | 92-0% | 91-0% | |
| ELKO | 400GLI | 230/50Hz | | | 1-11 | 100-0% | 1-12 | 97-0% | 92-3% | 90-0% | 92-3% | 90-0% | |
| ELKO | 315GLE | 230/50Hz | 20-315 | T | 1-20 | 100-0% | 1-20 | 98-0% | 91-3% | 90-0% | 91-3% | 90-0% | |
| ELKO | 600GLE/I | 230/50Hz | | | 1-11 | 99-1% | 1-13 | 98-5% | 91-0% | 91-0% | 91-0% | 91-0% | |
| ELKO | 600GLI | 230/50Hz | 40-600 | U | 1-20 | 99-0% | 1-20 | 98-0% | 91-2% | 91-2% | 91-2% | 91-2% | |

Angaben zum Lampentyp








Bewertung der Testergebnisse im Ampelsystem. Beinhaltet sowohl die Lampenanzahl als auch den dimmbaren Bereich

DIMMER COMPATIBILITY MR11 + MR16

| Legend | | | | | SUPERSTAR MR16 20 | | SUPERSTAR MR16 35 | | SUPERSTAR MR16 50 | | LED SUPERSTAR PLUS MR16 35 50 36° | | SUPERSTAR MR11 20 | | SUPERSTAR MR11 35 | |
|---|---------------|---------------|--------|-------|---|---------------|---|---------------|---|---------------|---|---------------|---|---------------|---|---------|
| <div style="display: flex; justify-content: space-between;"> <div style="width: 20%; background-color: #90EE90; border: 1px solid black; padding: 2px;">Good dimmability with indicated number of lamps (dimming range greater than 75%)</div> <div style="width: 20%; background-color: #FFFF00; border: 1px solid black; padding: 2px;">Limited dimmability with indicated number of lamps (dimming range smaller than 75%)</div> <div style="width: 20%; background-color: #FF0000; border: 1px solid black; padding: 2px;">Undesired dimmability</div> </div> | | | | |  EAN / Basic Code | |  EAN / Basic Code | |  EAN / Basic Code | |  EAN / Basic Code | |  EAN / Basic Code | |  EAN / Basic Code | |
| | | | | | | | | | | | | | | | | |
| Dimmer | | | | | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | Dimming range | |
| Brand | Model | Voltage range | Power | Type | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps |
| ABB | STD 50-3 | 230/50Hz | 60-500 | L | 100-12% | 100-47% | 100-21% | | 97-0% | 97-0% | 97-5% | 99-5% | 74-17% | 58-0% | 75-0% | 99-0% |
| Altenburger | 50,3 | 230/50Hz | | | | 100-46% | | 100-28% | 97-9% | 97-9% | 99-0% | 83-0% | 96-0% | 99-0% | 99-14% | |
| AURORA | DSP400 | 230/50Hz | 400 | T | 97-0% | | 100-0% | 100-0% | 92-0% | | 97-0% | 100-0% | 70-0% | 100-0% | | |
| Berker | 2861 | 230/50Hz | 50-420 | U | 100-24% | 100-36% | 100-12% | 100-31% | 96-6% | 96-6% | | 98-3% | 92-0% | 99-18% | 100-0% | 100-17% |
| Bticino | L/N/NT4411N | 230/50Hz | | | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| bticino | NT4402N | 230/50Hz | 500 | R | | 100-39% | | | | | | | | 100-34% | | 100-30% |
| Busch-Jaeger | 6513 U-102 | 230/50Hz | 420 | | 100-50% | 100-41% | | | 97-13% | 97-13% | | 98-0% | 54-0% | 100-32% | 100-38% | 99-39% |
| Busch-Jaeger | 6523 U-102 | 230/50Hz | 40-420 | | 100-0% | 100-0% | | | 96-9% | 96-9% | 100-51% | | 79-0% | 100-15% | 99-0% | 99-0% |
| Busch-Jaeger | 2250 U | 230/50Hz | 60-600 | L | 100-0% | | 100-0% | 100-2% | | | | 89-0% | 82-0% | 99-0% | 82-0% | |
| Busch-Jaeger | 6526 U | 230/50Hz | | | | | 0-0% | 0-0% | 90-2% | 90-2% | | | 99-0% | 100-0% | | |
| CENTURY CONTROL | MULTI DIMMER | 230/50Hz | 60-600 | U | 100-0% | 100-0% | 100-0% | 100-0% | 96-1% | 96-1% | 99-0% | 99-0% | 64-0% | 99-0% | 100-0% | 100-0% |
| DimMax | 420SL | 230/50Hz | 200 | L/T | 100-0% | 100-0% | 100-0% | 100-0% | 97-1% | 97-1% | 98-0% | 97-0% | 99-0% | 99-0% | 100-0% | 100-0% |
| DINUY | RE EL1 LE1 | 230/50Hz | 400 | LED | 100-0% | 100-0% | 100-0% | 100-0% | 97-0% | 97-0% | | | 99-0% | 100-0% | 100-0% | 100-0% |
| Domintell | DimMax 420 SL | 230/50Hz | 200 | L/T | 100-0% | 100-0% | | | 97-1% | 97-1% | 98-0% | 97-0% | 99-0% | 99-0% | 100-0% | 100-0% |
| ELKO | 400GLI | 230/50Hz | | | 90-8% | 100-18% | 100-0% | 100-12% | | | 99-0% | 97-0% | 62-0% | 75-0% | 76-0% | |
| ELKO | 315GLE | 230/50Hz | 20-315 | T | 100-19% | 100-10% | 100-0% | 100-0% | 96-1% | 96-1% | 96-5% | 97-0% | 55-0% | 100-0% | 100-0% | 100-15% |
| ELKO | 600GLi | 230/50Hz | 40-600 | U | 100-0% | 100-0% | 100-14% | 100-22% | 96-3% | 96-3% | 99-0% | 94-0% | 99-0% | 100-7% | | |
| ELKO | 600GLE/I | 230/50Hz | | | 100-0% | 100-0% | 100-11% | 100-20% | 96-2% | 96-2% | 60-0% | 99-0% | 97-0% | 100-0% | 100-0% | 99-0% |
| ELKO | 420GLE/I | 230/50Hz | 40-420 | U | | 100-6% | 100-11% | 100-9% | 98-0% | 98-0% | 100-0% | 99-0% | | 99-0% | | 99-16% |
| ELKO | 1000LRI | 230/50Hz | | | | | | | | | 98-0% | 99-0% | 99-0% | 100-0% | 100-0% | 100-0% |
| ELKO | 630GLE | 230/50Hz | 20-630 | U | | | 100-20% | 100-33% | 97-7% | 97-7% | 97-13% | 97-0% | 55-0% | 99-20% | | 100-0% |
| Eltako | EUD61NPN-UC | 230/50Hz | 5-400 | R/L/C | 100-0% | 100-0% | 100-0% | 100-0% | 96-4% | 96-4% | 99-0% | 98-0% | | 100-0% | 100-31% | |
| Feller | 40200.LEDxxx | 230/50Hz | | | 100-15% | 100-40% | 100-0% | 100-20% | 96-3% | 96-3% | 85-5% | 98-0% | | 100-8% | 100-0% | |
| Feller | 40600.RL | 230/50Hz | | | 100-0% | 100-0% | 100-14% | 100-22% | 96-3% | 96-3% | 99-0% | 94-0% | 99-0% | 100-7% | | |
| Feller | 40600.RC | 230/50Hz | | | | | 100-20% | 100-33% | 97-7% | 97-7% | 97-13% | 97-0% | 55-0% | 99-20% | | 100-0% |
| Feller | 40600 RLC | 230/50Hz | 20-600 | U | 100-0% | 100-0% | 100-11% | 100-20% | 96-2% | 96-2% | 60-0% | 99-0% | 97-0% | 100-0% | 100-0% | 99-0% |
| Feller | 40420.RLC | 230/50Hz | | | | 100-6% | 100-11% | 100-9% | 98-0% | 98-0% | 100-0% | 99-0% | | 99-0% | | 99-16% |
| Feller | 31000 | 230/50Hz | | | | | | | | | 98-0% | 99-0% | 99-0% | 100-0% | 100-0% | 100-0% |







*MR11 and MR16 versions tested with HTM 70 transformer

DIMMER COMPATIBILITY MR11 + MR16

| Legend | | | | | SUPERSTAR MR16 20 | SUPERSTAR MR16 35 | SUPERSTAR MR16 50 | LED SUPERSTAR PLUS MR16 35 50 36° | | SUPERSTAR MR11 20 | SUPERSTAR MR11 35 | | | | | |
|---|--------------------|---------------|--------|---------|---|---|---|--|---|---|---|---------|---------------|---------|--------|---------|
| Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | |  |  |  |  |  |  |  | | | | | |
| Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | | | | | |
| Undesired dimmability | | | | | | | | | | | | | | | | |
| Not tested | | | | | | | | | | | | | | | | |
| | | | | | 4058075796690 / AC42767 | 4058075796720 / AC42773 4058075796744 / AC42775 | 4058075433724 / AC32712 4058075433748 / AC32714 | 4058075613201 / AC35791 4058075613225 / AC35792 4058075613249 / AC35793 4058075613263 / AC35794 | 4058075433083 / AC32693 | 4058075433229 / AC32696 | | | | | | |
| Brand | Model | Voltage range | Power | Type | Dimming range | | Dimming range | | Dimming range | | Dimming range | | Dimming range | | | |
| | | | | | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps |
| Gira | 226200 | 230/50Hz | | | 100-0% | 100-0% | 100-0% | 100-0% | 100-2% | | 99-0% | 97-0% | 73-0% | 100-0% | 81-0% | 99-0% |
| Gira | 030700 | 230/50Hz | 20-525 | T | 100-39% | 100-39% | 100-13% | 100-32% | 97-11% | 97-11% | 86-2% | 98-0% | 92-0% | 100-15% | 100-0% | 99-23% |
| Gira | 117600 | 230/50Hz | 50-420 | U | 100-0% | 100-100% | 100-13% | 100-32% | 96-7% | 96-7% | | 99-3% | | 100-0% | 100-0% | 99-17% |
| Gira | 238500 | 230/50Hz | | | 100-19% | 100-19% | | | 100-1% | 100-1% | | | 52-0% | 100-0% | 99-0% | 99-0% |
| Gira | 217400 | 230/50Hz | 4X20- | KNX-U | 100-33% | 100-24% | 100-17% | 100-28% | 92-11% | 92-11% | 100-0% | 99-0% | 99-0% | 100-0% | 99-0% | 100-0% |
| Hager | WUD87 | 230/50Hz | 400 | LED-U | 100-0% | 100-17% | 100-0% | 100-33% | 96-1% | 96-1% | 100-0% | 99-0% | 83-0% | 99-0% | 100-0% | 99-0% |
| Hamilton | KP1X40 | 230/50Hz | 400 | | | | | | | | 99-94% | | | 99-0% | | |
| Hugo Müller | paladin 872110 led | 230/50Hz | | | 100-0% | 100-0% | 100-0% | 100-0% | 97-0% | 97-0% | | | 99-0% | 100-0% | 100-0% | 100-0% |
| Jung | 225 NVDE | 230/50Hz | 20-500 | | 100-0% | 100-0% | 100-0% | 100-0% | 100-2% | | 99-0% | 97-0% | 73-0% | 100-0% | 81-0% | 99-0% |
| Jung | 225 TDE | 230/50Hz | | | 100-39% | 100-39% | 100-13% | 100-32% | 97-11% | 97-11% | 86-2% | 98-0% | 92-0% | 100-15% | 100-0% | 99-23% |
| Jung | 254 UDIE1 | 230/50Hz | | | 100-0% | 100-100% | 100-13% | 100-32% | 96-7% | 96-7% | | 99-3% | | 100-0% | 100-0% | 99-17% |
| Jung | 1224 LEDUCE | 230/50Hz | 3-100 | | 100-19% | 100-19% | 100-0% | 100-0% | 100-1% | 100-1% | | | 52-0% | 100-0% | 99-0% | 99-0% |
| Jung | 3904 REGHE | 230/50Hz | | | 100-33% | 100-24% | 100-17% | 100-28% | 92-11% | 92-11% | 100-0% | 99-0% | 99-0% | 100-0% | 99-0% | 100-0% |
| Legrand | 665114 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 574319/574339 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 572239/572739 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 078407/079207 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 048869/048871 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 067083/048869 | 230/50Hz | 400 | U | 100-0% | 100-0% | 100-0% | 100-0% | 92-0% | 92-0% | 99-0% | 98-0% | 90-0% | 100-0% | 90-0% | 100-0% |
| Legrand | 099314 | 230/50Hz | 300 | RL | | | 100-0% | 100-0% | 97-2% | 97-2% | | | 99-0% | 100-0% | 85-0% | 99-0% |
| Legrand | 770062 | 230/50Hz | 400 | RLC | 100-1% | 100-3% | 69-0% | 97-2% | 97-1% | 97-1% | 98-0% | 98-0% | 91-0% | 100-0% | | |
| MASTER | DM-DGL | 230/50Hz | 1000 | U / LED | 100-1% | 100-1% | 76-0% | 99-0% | | | 99-52% | | | 100-0% | | |
| MASTER | DM-2500 | 230/50Hz | 2500 | U / LED | 100-0% | 100-0% | 100-0% | 100-0% | 96-0% | 96-0% | 100-0% | 98-0% | 99-0% | 100-0% | | |
| Merten | MEG5136-0000 | 230/50Hz | | | 100-19% | 100-10% | 100-0% | 100-0% | 96-1% | 96-1% | 96-5% | 97-0% | 55-0% | 100-0% | 100-0% | 100-15% |
| Merten | MEG5134-0000 | 230/50Hz | | | 100-15% | 100-40% | 100-0% | 100-20% | 96-3% | 96-3% | 85-5% | 98-0% | | 100-8% | 100-0% | |
| Merten | MEG5133-0000 | 230/50Hz | | | 100-8% | 100-8% | 100-14% | 100-22% | 96-3% | 96-3% | 99-0% | 94-0% | 99-0% | 100-7% | | |
| Merten | MEG5137-0000 | 230/50Hz | | | | | 100-20% | 100-33% | 97-7% | 97-7% | 97-13% | 97-0% | 55-0% | 99-20% | | 100-0% |
| Merten | MEG5139-0000 | 230/50Hz | | | 100-0% | 100-0% | 100-11% | 100-20% | 96-2% | 96-2% | 60-0% | 99-0% | 97-0% | 100-0% | 100-0% | 99-0% |
| Merten | MEG5138-0000 | 230/50Hz | | | | 100-6% | 100-11% | 100-9% | 98-0% | 98-0% | 100-0% | 99-0% | | 99-0% | | 99-16% |







*MR11 and MR16 versions tested with HTM 70 transformer

DIMMER COMPATIBILITY MR11 + MR16

| Legend | | | | | SUPERSTAR MR16 20 | SUPERSTAR MR16 35 | SUPERSTAR MR16 50 | LED SUPERSTAR PLUS MR16 35 50 36° | | SUPERSTAR MR11 20 | SUPERSTAR MR11 35 | | | |
|---|------------------|---------------|---------|-----------|---|---|---|--|---|---|-------------------|---------|---------------|---------|
| Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | |  |  |  |  |  |  | | | | |
| Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | | |
| Undesired dimmability | | | | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | | |
| Not tested | | | | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | EAN / Basic Code | | | |
| | | | | | 4058075796690 / AC42767 | 4058075796720 / AC42773 4058075796744 / AC42775 | 4058075433724 / AC32712 4058075433748 / AC32714 | 4058075613201 / AC35791 4058075613225 / AC35792 4058075613249 / AC35793 4058075613263 / AC35794 | 4058075433083 / AC32693 | 4058075433229 / AC32696 | | | | |
| Brand | Model | Voltage range | Power | Type | Dimming range | | Dimming range | | Dimming range | | Dimming range | | Dimming range | |
| | | | | | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps | 1 Lamp | 4 Lamps |
| Merten | MEG 5170-0300 | 230/50Hz | 10-200 | U | 100-36% | 100-41% | 88-14% | 100-26% | 95-4% | 95-4% | | | 81-0% | 88-25% |
| Merten | MEG 5131 | 230/50Hz | 40-400 | L | 100-0% | 100-0% | 17-0% | 100-0% | 96-1% | 96-1% | 100-0% | 99-0% | 97-0% | 99-0% |
| Merten | MEG 5132 | 230/50Hz | | | 100-0% | 100-0% | 17-0% | 100-0% | 96-1% | 96-1% | 100-0% | 99-0% | 97-0% | 99-0% |
| Merten | MEG 5140 | 230/50Hz | 9-100 | L | | | 83-0% | 100-0% | 71-2% | 71-2% | 100-0% | 99-0% | 100-0% | 99-0% |
| Merten | MEG 5135 | 230/50Hz | 60-1000 | L | | | | | | | 98-0% | 99-0% | 99-0% | 100-0% |
| MK | K4501 | 230/50Hz | 180 | L | 100-0% | 100-0% | 100-0% | 100-12% | 97-3% | 97-3% | 99-0% | 99-0% | 88-0% | 100-0% |
| NEXUS | 881P-01 | 230/50Hz | 400 | L | 100-0% | | 100-0% | 100-0% | 92-1% | | 99-0% | 99-0% | 79-0% | 100-0% |
| NIKO | 310-0190001901 | 230/50Hz | 5-200 | U | 100-0% | 100-0% | 100-0% | 100-0% | 97-1% | 97-1% | 99-0% | 98-0% | 99-0% | 100-0% |
| NIKO | 330-0070000701 | 230/50Hz | 5-200 | U | 100-0% | 100-0% | 100-9% | 100-13% | 97-0% | 97-0% | 100-0% | 98-0% | 99-0% | 100-0% |
| Odace | S520512 | 230/50Hz | | | 100-15% | 100-40% | 100-0% | 100-20% | 96-3% | 96-3% | 85-5% | 98-0% | | 100-8% |
| Odace | S520511 | 230/50Hz | | | 100-0% | 100-0% | 100-14% | 100-22% | 96-3% | 96-3% | 99-0% | 94-0% | 99-0% | 100-7% |
| Odace | S520515 | 230/50Hz | | | | 100-6% | 100-11% | 100-9% | 98-0% | 98-0% | 100-0% | 99-0% | | 99-16% |
| Odace | S520518 | 230/50Hz | | | | | 83-0% | 100-0% | 71-2% | 71-2% | 100-0% | 99-0% | | 100-0% |
| Osram | HTI DALI 315 DIM | 230/50Hz | 20-315 | DALI-T | 100-10% | 100-34% | 100-0% | 100-15% | 96-4% | 96-4% | 98-0% | 98-0% | 98-0% | 100-0% |
| PEHA | 435 HAN | 230/50Hz | 60-600 | L | 87-9% | 100-0% | 97-0% | 100-15% | 96-0% | 96-0% | 100-0% | 100-0% | | 73-0% |
| Schneider | 400GLI | 230/50Hz | 40-400 | T | 90-8% | 100-18% | 100-0% | 100-12% | | | 99-0% | 97-0% | 62-0% | 75-0% |
| Schneider | SBD315RC | 230/50Hz | | | 100-19% | 100-10% | 100-0% | 100-0% | 96-1% | 96-1% | 96-5% | 97-0% | 55-0% | 100-0% |
| Schneider | SBD200LED | 230/50Hz | 400 | | 100-15% | 100-40% | 100-0% | 100-20% | 96-3% | 96-3% | 85-5% | 98-0% | | 100-8% |
| Schneider | SBD600RL | 230/50Hz | | | 100-0% | 100-0% | 100-14% | 100-22% | 96-3% | 96-3% | 99-0% | 94-0% | 99-0% | 100-7% |
| Schneider | SBD630RC | 230/50Hz | | | | | 100-20% | 100-33% | 97-7% | 97-7% | 97-13% | 97-0% | 55-0% | 99-20% |
| Schneider | SBD600RCRL | 230/50Hz | | | 100-0% | 100-0% | 100-11% | 100-20% | 96-2% | 96-2% | 60-0% | 99-0% | 97-0% | 100-0% |
| Schneider | SBD420RCRL | 230/50Hz | | | | 100-6% | 100-11% | 100-9% | 98-0% | 98-0% | 100-0% | 99-0% | | 99-16% |
| Schneider | 5170 | 230/50Hz | | | 100-36% | 100-41% | 88-14% | 100-26% | 95-4% | 95-4% | | | 81-0% | 88-25% |
| Schneider | SBD400RL | 230/50Hz | | | 100-0% | 100-0% | 17-0% | 100-0% | 96-1% | 96-1% | 100-0% | 99-0% | 97-0% | 99-0% |
| Schneider | SBDSPL | 230/50Hz | | | | | 83-0% | 100-0% | 71-2% | 71-2% | 100-0% | 99-0% | | 100-0% |
| Schneider | ATTD1000RL | 230/50Hz | | | | | | | | | 98-0% | 99-0% | 99-0% | 100-0% |
| Shuttle | SDIM-T-LED-500W | 230/50Hz | 2-500 | T & LED-T | 100-0% | 100-4% | 100-0% | 100-0% | 96-1% | 96-1% | 99-0% | 99-0% | 99-0% | 99-0% |
| Siemens | 5TC8 284 | 230/50Hz | 20-525 | T | | | 100-31% | 100-14% | 96-10% | 96-10% | | 98-0% | 94-0% | 100-21% |

*MR11 and MR16 versions tested with HTM 70 transformer

DIMMER COMPATIBILITY MR11 + MR16

| Legend | | | | | SUPERSTAR MR16 20 | SUPERSTAR MR16 35 | SUPERSTAR MR16 50 | LED SUPERSTAR PLUS MR16 35 50 36° | SUPERSTAR MR11 20 | SUPERSTAR MR11 35 | | | | |
|---|------------------|---------------|---------|-------|---|---|---|--|---|---|-------------------------|--------------------------|-------------------------|--------------------------|
| Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | |  |  |  |  |  |  | | | | |
| Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | EAN / Basic Code | | | | |
| Undesired dimmability | | | | | | | | | | | | | | |
| Not tested | | | | | | | | | | | | | | |
| | | | | | 4058075796690 / AC42767 | 4058075796720 / AC42773 4058075796744 / AC42775 | 4058075433724 / AC32712 4058075433748 / AC32714 | 4058075613201 / AC35791 4058075613225 / AC35792 4058075613249 / AC35793 4058075613263 / AC35794 | 4058075433083 / AC32693 | 4058075433229 / AC32696 | | | | |
| Dimmer | | | | | Dimming range 1 Lamp | Dimming range 4 Lamps | Dimming range 1 Lamp | Dimming range 4 Lamps | Dimming range 1 Lamp | Dimming range 4 Lamps | Dimming range 1 Lamp | Dimming range 4 Lamps | Dimming range 1 Lamp | Dimming range 4 Lamps |
| Brand | Model | Voltage range | Power | Type | | | | | | | | | | |
| Siemens | 5WG1-527-1AB31 | 230/50Hz | 20-500 | KNX-U | 100-0% | 100-0% | 100-0% | 100-0% | 98-1% | 98-1% | | | 99-0% | 100-0% |
| theben | DIMAX 544 plus P | 230/50Hz | 250 | T | 100-14% | 100-21% | 100-19% | 100-22% | | | 100-17% | 100-9% | | |
| theben | DIMAX 534 plus | 230/50Hz | 400 | T | 100-20% | 100-19% | 100-14% | 100-23% | | | | | | |
| VADSBO | LD 220 | 230/50Hz | 1-200 | U | 100-0% | 100-0% | | | 97-3% | 97-3% | 99-0% | 98-0% | 99-0% | 99-0% |
| VARILIGHT | HQ3W | 230/50Hz | 400 | | 100-0% | 100-46% | 100-0% | 100-0% | 97-1% | 97-1% | 63-0% | 99-0% | 91-0% | 100-0% |
| VARILIGHT | JQP401W | 230/50Hz | 400 | T | | | 100-14% | 100-0% | 97-0% | 97-0% | | 100-0% | 81-0% | 100-0% |
| Vimar | 20135 | 230/50Hz | 3 - 100 | U | 100-0% | 100-0% | 100-0% | 100-0% | 96-3% | 96-3% | 99-0% | 98-0% | 99-0% | 100-0% |
| ZANO | WH401 | 230/50Hz | 400 | L | | | 100-0% | 100-0% | 92-1% | | | 97-0% | 79-0% | 100-0% |
| ZANO | WH251 | 230/50Hz | 250 | | 100-0% | 100-0% | 100-0% | 100-0% | 95-2% | 95-2% | | 96-0% | 78-0% | 100-0% |
| ZANO | Z GRID 700 | 230/50Hz | 250 | LED | 100-0% | 100-0% | 0-0% | 0-0% | | | 99-0% | 100-0% | | 90-0% |
| ZANO | Z GRID 500 | 230/50Hz | 500 | | 100-0% | 100-0% | 100-0% | 100-0% | 96-1% | 96-1% | 99-0% | 99-0% | 86-0% | 100-0% |

*MR11 and MR16 versions tested with HTM 70 transformer

Please note:

- The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors. LEDVANCE does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED lamp types.
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonic or electronic resonance).
- Subject to change without notice.
- Errors and omission excepted.
- Always make sure to use the most recent release.

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer requires the neutral wire for installation.

LEDVANCE GmbH

Head Office:

Parkring 33
85748 Garching, Germany
Phone +49 89 780673-100
Fax +49 89 780673-XXX
www.ledvance.com

Bitte beachten:

- Die Kompatibilitätsliste basiert auf Tests, die der Hersteller in einer im Labor simulierten Umgebung durchgeführt hat. Die Ergebnisse können aufgrund verschiedener Faktoren in manchen Praxisanwendungen abweichen. LEDVANCE übernimmt keinerlei Verantwortung, Garantie oder Haftung dafür, dass diese Ergebnisse tatsächlich mit den Geräten unter anderen Bedingungen, mit Nachfolgemodellen der getesteten Geräte, mit anderen Modellen desselben Herstellers oder bei Verwendung anderer LED-Lampentypen erreicht werden.
- Das Fehlen eines Dimmers in der Abbildung bedeutet nicht, dass ein Dimmer nicht kompatibel ist.
- Lesen Sie stets die Installationsanweisungen des Dimmerherstellers.
- LED-Lampen bestehen aus mehreren elektronischen Komponenten. Unter ungünstigen Bedingungen können diese Störgeräusche erzeugen. Im Resonanzfall können selbst geringe Geräusche einen hörbaren Effekt hervorrufen. Einflussfaktoren können die Installation, die Gestaltung des Lampenträgers, die Leuchte (akustischer Resonanzeffekt), der Dimmer oder der Trafo (Oberschwingungen oder elektronische Resonanz) sein.
- Änderungen vorbehalten.
- Irrtümer und Auslassungen vorbehalten.
- Vergewissern Sie sich, dass Sie stets die aktuellste Version benutzen.

Anwendungshinweis:

- Um bestmögliche Dimmerergebnisse zu erzielen, wird die Verwendung von Phasenabschnitt-Dimmern empfohlen.
- Phasenabschnitt-Dimmer erfordern bei der Installation einen Neutralleiter.