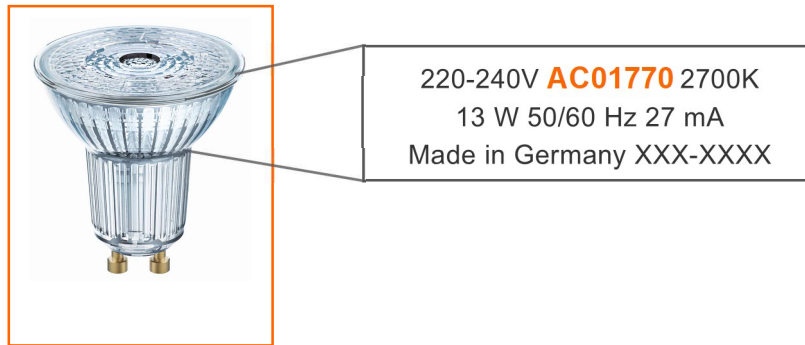


## DIMMER COMPATIBILITY R50 + R63 + R80

### 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          |               |                                                                                        |        |      |  |
|-----------------|---------------|----------------------------------------------------------------------------------------|--------|------|--|
|                 |               | Good dimmability with indicated number of lamps<br>(dimming range greater than 75%)    |        |      |  |
|                 |               | Limited dimmability with indicated number of lamps<br>(dimming range smaller than 75%) |        |      |  |
|                 |               | Undesired dimmability                                                                  |        |      |  |
|                 |               | Not tested                                                                             |        |      |  |
|                 |               |                                                                                        |        |      |  |
| Dimmer          |               |                                                                                        |        |      |  |
| Brand           | Model         | Voltage range                                                                          | Power  | Type |  |
| ABB             | STD 50-3      | 230/50Hz                                                                               | 60-500 | L    |  |
| Altenburger     | 50.3          | 230/50Hz                                                                               |        |      |  |
| AURORA          | DSF 400       | 230/50Hz                                                                               | 400    | L    |  |
| Berker          | 2861          | 230/50Hz                                                                               | 50-420 | U    |  |
| Bticino         | L/N/NT4411N   | 230/50Hz                                                                               |        |      |  |
| Busch-Jaeger    | 6513 U-102    | 230/50Hz                                                                               | 420    | T    |  |
| Busch-Jaeger    | 6523 U-102    | 230/50Hz                                                                               | 40-420 | T    |  |
| Busch-Jaeger    | 6526 U        | 230/50Hz                                                                               |        |      |  |
| CENTURY CONTROL | MULTI DIMMER  | 230/50Hz                                                                               | 60-600 | U    |  |
| Domintell       | DimMax 420 SL | 230/50Hz                                                                               | 200    | L/T  |  |
| ELKO            | 400GU         | 230/50Hz                                                                               |        |      |  |
| ELKO            | 315GLE        | 230/50Hz                                                                               | 20-315 | T    |  |
| ELKO            | 600GLE/l      | 230/50Hz                                                                               |        |      |  |
| ELKO            | 600GU         | 230/50Hz                                                                               | 40-600 | U    |  |

### Information about the lamp type

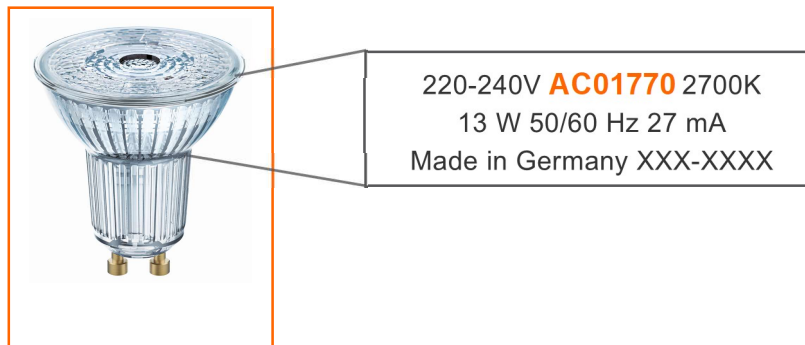
Assessment of the results into categories. Includes the number of lamps and the related dimming range

## DIMMER KOMPATIBILITÄT PAR20 + PAR30 + PAR38

### 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<br>35 36"                                                                                                           |  | SUPERSTAR PAR16<br>50 36"                                                                               |  | SUPERSTAR PAR16<br>80 36"                                                                                |  | SUPERSTAR PAR16<br>80 120"                                                                               |  |
|--------|----------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|--|
|        | Good dimmability with indicated number of lamps<br>(dimming range greater than 75%)    |  |  |  |                                                 |  |                     |  |                      |  |                      |  |
|        | Limited dimmability with indicated number of lamps<br>(dimming range smaller than 75%) |  |  |  | EAN / Basic Code                                                                                                                    |  | EAN / Basic Code                                                                                        |  | EAN / Basic Code                                                                                         |  | EAN / Basic Code                                                                                         |  |
|        | Undesired dimmability                                                                  |  |  |  | 4058075431676 / AC16509<br>4052899390133 / AC16509<br>4058075458086 / AC16509<br>4058075431690 / AC16511<br>4052899390157 / AC16511 |  | 405807512544 / AC16512<br>4052899390171 / AC16512<br>4052899390195 / AC16514<br>4058075431713 / AC16514 |  | 4058075433663 / AC24603<br>4058075433564 / AC24603<br>4058075453661 / AC24605<br>4058075433540 / AC24605 |  | 4058075433687 / AC24609<br>4058075433526 / AC24609<br>4058075433700 / AC24611<br>4058075433502 / AC24611 |  |
|        | Not tested                                                                             |  |  |  |                                                                                                                                     |  |                                                                                                         |  |                                                                                                          |  |                                                                                                          |  |
|        |                                                                                        |  |  |  |                                                                                                                                     |  |                                                                                                         |  |                                                                                                          |  |                                                                                                          |  |

| 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 |                 |               |                 |               |                 |               |                 |               |
| 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/NT411N    | 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            | 400GU         | 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            | 600GU         | 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 R50 + R63 + R80

| Legend                                                                                 |               |                  |          |           | SUPERSTAR CL R50 60                                                               |                             | SUPERSTAR CL R63 60                                                                 |                             | SUPERSTAR CL R80 60                                                                 |                             | SUPERSTAR CL R80 100                                                                |                             |
|----------------------------------------------------------------------------------------|---------------|------------------|----------|-----------|-----------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Good dimmability with indicated number of lamps<br>(dimming range greater than 75%)    |               |                  |          |           |  |                             |  |                             |  |                             |  |                             |
| Limited dimmability with indicated number of lamps<br>(dimming range smaller than 75%) |               |                  |          |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Undesired dimmability                                                                  |               |                  |          |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Not tested                                                                             |               |                  |          |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|                                                                                        |               |                  |          |           | EAN / Basic Code                                                                  |                             | EAN / Basic Code                                                                    |                             | EAN / Basic Code                                                                    |                             | EAN / Basic Code                                                                    |                             |
|                                                                                        |               |                  |          |           | 4058075125940 / AC32660                                                           |                             | 4058075126008 / AC32665                                                             |                             | 4058075433328 / AC32668                                                             |                             | 4058075433281 / AC32669                                                             |                             |
| Dimmer                                                                                 |               |                  |          |           | Dimming<br>range<br>1 Lamp                                                        | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps |
| Brand                                                                                  | Model         | Voltage<br>range | Power    | Type      |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| ABB                                                                                    | STD 50-3      | 230/50Hz         | 60-500   | L         | 58-0%                                                                             | 57-0%                       | 58-0%                                                                               | 57-0%                       | 58-0%                                                                               | 57-0%                       | 86-0%                                                                               | 74-0%                       |
| Altenburger                                                                            | 50,3          | 230/50Hz         |          |           | 93-0%                                                                             | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       |
| AURORA                                                                                 | DSP 400       | 230/50Hz         | 400      | L         | 90-0%                                                                             | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       |
| Berker                                                                                 | 2861          | 230/50Hz         | 50-420   | U         | 89-0%                                                                             | 88-0%                       | 89-0%                                                                               | 88-0%                       | 89-0%                                                                               | 88-0%                       | 89-0%                                                                               | 88-0%                       |
| Bticino                                                                                | L/N/NT4411N   | 230/50Hz         |          |           | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| bticino                                                                                | NT4402N       | 230/50Hz         | 500      | R         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Busch-Jaeger                                                                           | 6513 U-102    | 230/50Hz         | 420      | T         | 95-2%                                                                             | 93-0%                       | 95-2%                                                                               | 93-0%                       | 95-2%                                                                               | 93-0%                       |                                                                                     |                             |
| Busch-Jaeger                                                                           | 6523 U-102    | 230/50Hz         | 40-420   | T         | 95-3%                                                                             | 93-3%                       | 95-3%                                                                               | 93-3%                       | 95-3%                                                                               | 93-3%                       | 95-3%                                                                               | 93-3%                       |
| Busch-Jaeger                                                                           | 2250 U        | 230/50Hz         | 60-600   | L         | 50-1%                                                                             | 87-1%                       | 50-1%                                                                               | 87-1%                       | 50-1%                                                                               | 87-1%                       | 93-1%                                                                               | 87-1%                       |
| Busch-Jaeger                                                                           | 6526 U        | 230/50Hz         |          |           |                                                                                   | 93-2%                       |                                                                                     | 93-2%                       |                                                                                     | 93-2%                       |                                                                                     |                             |
| CENTURY CONTROL                                                                        | MULTI DIMMER  | 230/50Hz         | 60-600   | U         | 91-0%                                                                             | 90-0%                       | 91-0%                                                                               | 90-0%                       | 91-0%                                                                               | 90-0%                       | 91-0%                                                                               | 90-0%                       |
| DimMax                                                                                 | 420SL         | 230/50Hz         | 200      | L/T       | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| DINUY                                                                                  | RE EL1 LE1    | 230/50Hz         | 400      | LED       | 92-0%                                                                             | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       |
| Domintell                                                                              | DimMax 420 SL | 230/50Hz         | 200      | L/T       | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| ELKO                                                                                   | 400GLI        | 230/50Hz         |          |           | 94-3%                                                                             | 91-0%                       | 94-3%                                                                               | 91-0%                       | 94-3%                                                                               | 91-0%                       | 94-3%                                                                               | 91-0%                       |
| ELKO                                                                                   | 315GLE        | 230/50Hz         | 20-315   | T         | 92-3%                                                                             | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       |
| ELKO                                                                                   | 600GLI        | 230/50Hz         | 40-600   | U         | 92-2%                                                                             | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       |
| ELKO                                                                                   | 420GLE/I      | 230/50Hz         | 40-420   | U         | 90-1%                                                                             | 89-0%                       | 90-1%                                                                               | 89-0%                       | 90-1%                                                                               | 89-0%                       |                                                                                     |                             |
| ELKO                                                                                   | 1000LRI       | 230/50Hz         |          |           | 88-0%                                                                             | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       |
| ELKO                                                                                   | 630GLE        | 230/50Hz         | 20-630   | U         | 93-1%                                                                             | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       |
| Eltako                                                                                 | EUD61NPN-UC   | 230/50Hz         | 5-400    | R / L / C | 90-1%                                                                             | 88-1%                       | 90-1%                                                                               | 88-1%                       | 90-1%                                                                               | 88-1%                       | 90-1%                                                                               | 88-1%                       |
| Feller                                                                                 | 40200.LEDxxx  | 230/50Hz         |          |           | 95-0%                                                                             | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       |
| Feller                                                                                 | 40600.RC      | 230/50Hz         |          |           | 93-1%                                                                             | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       |
| Feller                                                                                 | 40600.RL      | 230/50Hz         |          |           | 92-0%                                                                             | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       |
| Feller                                                                                 | 40420.RLC     | 230/50Hz         |          |           | 90-1%                                                                             | 89-0%                       | 90-1%                                                                               | 89-0%                       | 90-1%                                                                               | 89-0%                       |                                                                                     |                             |
| Feller                                                                                 | 31000         | 230/50Hz         |          |           | 88-0%                                                                             | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       |
| Gira                                                                                   | 226200        | 230/50Hz         |          |           | 91-0%                                                                             | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       |
| Gira                                                                                   | 030700        | 230/50Hz         | 20-525   | T         | 90-0%                                                                             | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       |
| Gira                                                                                   | 117600        | 230/50Hz         | 50-420   | U         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Gira                                                                                   | 217400        | 230/50Hz         | 4X20-250 | KNX-U     | 91-25%                                                                            | 90-24%                      | 91-25%                                                                              | 90-24%                      | 91-25%                                                                              | 90-24%                      | 91-25%                                                                              | 90-24%                      |



## DIMMER COMPATIBILITY R50 + R63 + R80

| Legend      |                                                                                       |                  |         |         | SUPERSTAR CL R50 60                                                               |                             | SUPERSTAR CL R63 60                                                                 |                             | SUPERSTAR CL R80 60                                                                 |                             | SUPERSTAR CL R80 100                                                                |                             |
|-------------|---------------------------------------------------------------------------------------|------------------|---------|---------|-----------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
|             | Good dimmability with indicated number of lamps<br>(dimming range greater than 75%)   |                  |         |         |  |                             |  |                             |  |                             |  |                             |
|             | Limited dimmability with indicated number of lamps<br>(dimming range smaler than 75%) |                  |         |         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|             | Undesired dimmability                                                                 |                  |         |         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|             | Not tested                                                                            |                  |         |         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|             |                                                                                       |                  |         |         | 4058075125940 / AC32660                                                           |                             | 4058075126008 / AC32665                                                             |                             | 4058075433328 / AC32668                                                             |                             | 4058075433281 / AC32669                                                             |                             |
| Dimmer      |                                                                                       |                  |         |         | Dimming<br>range<br>1 Lamp                                                        | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps |
| Brand       | Model                                                                                 | Voltage<br>range | Power   | Type    |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Hager       | WUD87                                                                                 | 230/50Hz         | 400     | LED-U   | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| Hamilton    | KP1X40                                                                                | 230/50Hz         | 400     |         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Hugo Müller | paladin 872110 led                                                                    | 230/50Hz         |         |         | 92-0%                                                                             | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       |
| Jung        | 225 NVDE                                                                              | 230/50Hz         | 20-500  | L       | 91-0%                                                                             | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       |
| Jung        | 225 TDE                                                                               | 230/50Hz         |         |         | 90-0%                                                                             | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       |
| Jung        | 254 UDIE1                                                                             | 230/50Hz         |         |         |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| Jung        | 1224 LEDUDE                                                                           | 230/50Hz         |         | LED     | 86-6%                                                                             | 85-5%                       | 86-6%                                                                               | 85-5%                       | 86-6%                                                                               | 85-5%                       |                                                                                     | 88-5%                       |
| Jung        | 3904 REGHE                                                                            | 230/50Hz         |         |         | 91-25%                                                                            | 90-24%                      | 91-25%                                                                              | 90-24%                      | 91-25%                                                                              | 90-24%                      | 91-25%                                                                              | 90-24%                      |
| Legrand     | 665114                                                                                | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 574319/574339                                                                         | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 572239/572739                                                                         | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 078407/079207                                                                         | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 048869/048871                                                                         | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 067083/048869                                                                         | 230/50Hz         | 400     | U       | 94-0%                                                                             | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       | 94-0%                                                                               | 93-0%                       |
| Legrand     | 099314                                                                                | 230/50Hz         | 300     | RL      | 67-2%                                                                             | 66-2%                       | 67-2%                                                                               | 66-2%                       | 67-2%                                                                               | 66-2%                       | 67-2%                                                                               | 66-2%                       |
| Legrand     | 770062                                                                                | 230/50Hz         | 400     | RLC     | 61-1%                                                                             | 60-1%                       | 61-1%                                                                               | 60-1%                       | 61-1%                                                                               | 60-1%                       | 83-1%                                                                               | 86-1%                       |
| MASTER      | DM-DGL                                                                                | 230/50Hz         | 1000    | U / LED | 89-37%                                                                            | 87-35%                      | 89-37%                                                                              | 87-35%                      | 89-37%                                                                              | 87-35%                      |                                                                                     |                             |
| MASTER      | DM-2500                                                                               | 230/50Hz         | 2500    | U / LED | 86-0%                                                                             | 85-0%                       | 86-0%                                                                               | 85-0%                       | 86-0%                                                                               | 85-0%                       |                                                                                     |                             |
| Merten      | MEG5136-0000                                                                          | 230/50Hz         |         |         | 92-3%                                                                             | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       |
| Merten      | MEG5134-0000                                                                          | 230/50Hz         |         |         | 95-0%                                                                             | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       |
| Merten      | MEG5137-0000                                                                          | 230/50Hz         |         |         | 93-1%                                                                             | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       |
| Merten      | MEG5133-0000                                                                          | 230/50Hz         |         |         | 92-2%                                                                             | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       |
| Merten      | MEG5138-0000                                                                          | 230/50Hz         |         |         | 90-1%                                                                             | 89-0%                       | 90-1%                                                                               | 89-0%                       | 90-1%                                                                               | 89-0%                       |                                                                                     |                             |
| Merten      | MEG 5170-0300                                                                         | 230/50Hz         | 10-200  | U       | 91-0%                                                                             | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       |
| Merten      | MEG 5131                                                                              | 230/50Hz         | 40-400  | L       | 95-0%                                                                             |                             | 95-0%                                                                               |                             | 95-0%                                                                               |                             | 95-0%                                                                               | 94-0%                       |
| Merten      | MEG 5132                                                                              | 230/50Hz         |         |         | 95-0%                                                                             |                             | 95-0%                                                                               |                             | 95-0%                                                                               |                             | 95-0%                                                                               | 94-0%                       |
| Merten      | MEG 5140                                                                              | 230/50Hz         | 9-100   | L       | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| Merten      | MEG 5135                                                                              | 230/50Hz         | 60-1000 | L       | 88-0%                                                                             | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       |
| MK          | K4501                                                                                 | 230/50Hz         | 180     | L       | 89-1%                                                                             | 87-1%                       | 89-1%                                                                               | 87-1%                       | 89-1%                                                                               | 87-1%                       | 89-1%                                                                               | 87-6%                       |
| NEXUS       | 881P-01                                                                               | 230/50Hz         | 400     | L       | 93-1%                                                                             | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       |

## DIMMER COMPATIBILITY R50 + R63 + R80

| Legend    |                                                                                       |                  |         |           | SUPERSTAR CL R50 60                                                               |                             | SUPERSTAR CL R63 60                                                                 |                             | SUPERSTAR CL R80 60                                                                 |                             | SUPERSTAR CL R80 100                                                                |                             |
|-----------|---------------------------------------------------------------------------------------|------------------|---------|-----------|-----------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
|           | Good dimmability with indicated number of lamps<br>(dimming range greater than 75%)   |                  |         |           |  |                             |  |                             |  |                             |  |                             |
|           | Limited dimmability with indicated number of lamps<br>(dimming range smaler than 75%) |                  |         |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|           | Undesired dimmability                                                                 |                  |         |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|           | Not tested                                                                            |                  |         |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
|           |                                                                                       |                  |         |           | 4058075125940 / AC32660                                                           |                             | 4058075126008 / AC32665                                                             |                             | 4058075433328 / AC32668                                                             |                             | 4058075433281 / AC32669                                                             |                             |
| Dimmer    |                                                                                       |                  |         |           | Dimming<br>range<br>1 Lamp                                                        | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps | Dimming<br>range<br>1 Lamp                                                          | Dimming<br>range<br>4 Lamps |
| Brand     | Model                                                                                 | Voltage<br>range | Power   | Type      |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     |                             |
| NIKO      | 310-01900                                                                             | 230/50Hz         | 5-200   | U         | 95-0%                                                                             | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       |
| NIKO      | 330-00700                                                                             | 230/50Hz         | 5-200   | U         | 93-0%                                                                             | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       |
| Odace     | S520512                                                                               | 230/50Hz         |         |           | 95-0%                                                                             | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       |
| Odace     | S520511                                                                               | 230/50Hz         |         |           | 92-2%                                                                             | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       |
| Odace     | S520515                                                                               | 230/50Hz         |         |           | 90-1%                                                                             | 89-0%                       | 90-1%                                                                               | 89-0%                       | 90-1%                                                                               | 89-0%                       |                                                                                     |                             |
| Odace     | S520518                                                                               | 230/50Hz         |         |           | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| Osram     | HTi DALI 315 DIM                                                                      | 230/50Hz         | 20-315  | DALI-T    | 96-0%                                                                             | 94-0%                       | 96-0%                                                                               | 94-0%                       | 96-0%                                                                               | 94-0%                       | 96-0%                                                                               | 94-0%                       |
| PEHA      | 435 HAN                                                                               | 230/50Hz         | 60-600  | L         | 92-0%                                                                             | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       | 92-0%                                                                               | 91-0%                       |
| Schneider | 400GLI                                                                                | 230/50Hz         | 40-400  | T         | 94-3%                                                                             | 91-0%                       | 94-3%                                                                               | 91-0%                       | 94-3%                                                                               | 91-0%                       | 94-3%                                                                               | 91-0%                       |
| Schneider | SBD315RC                                                                              | 230/50Hz         |         |           | 92-3%                                                                             | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       | 92-3%                                                                               | 90-0%                       |
| Schneider | SBD200LED                                                                             | 230/50Hz         | 400     |           | 95-0%                                                                             | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       | 95-0%                                                                               | 93-0%                       |
| Schneider | SBD630RC                                                                              | 230/50Hz         |         |           | 93-1%                                                                             | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       | 93-1%                                                                               | 92-1%                       |
| Schneider | SBD600RL                                                                              | 230/50Hz         |         |           | 92-2%                                                                             | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       | 92-2%                                                                               | 91-2%                       |
| Schneider | SBD420RCRL                                                                            | 230/50Hz         |         |           | 90-1%                                                                             | 89-0%                       | 90-1%                                                                               | 89-0%                       | 90-1%                                                                               | 89-0%                       |                                                                                     |                             |
| Schneider | 5170                                                                                  | 230/50Hz         |         |           | 91-0%                                                                             | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       | 91-0%                                                                               | 89-0%                       |
| Schneider | SBD400RL                                                                              | 230/50Hz         |         |           | 95-0%                                                                             |                             | 95-0%                                                                               |                             | 95-0%                                                                               |                             | 95-0%                                                                               | 94-0%                       |
| Schneider | SBDSP                                                                                 | 230/50Hz         |         |           | 93-0%                                                                             | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       | 93-0%                                                                               | 91-0%                       |
| Schneider | ATTD1000RL                                                                            | 230/50Hz         |         |           | 88-0%                                                                             | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       |
| Shuttle   | SDIM-T-LED-500W                                                                       | 230/50Hz         | 2-500   | T & LED-T | 93-0%                                                                             | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       | 93-0%                                                                               | 92-0%                       |
| Siemens   | 5TC8 284                                                                              | 230/50Hz         | 20-525  | T         | 88-0%                                                                             | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       | 88-0%                                                                               | 87-0%                       |
| Siemens   | 5WG1-527-1AB31                                                                        | 230/50Hz         | 20-500  | KNX-U     | 86-0%                                                                             | 85-0%                       | 86-0%                                                                               | 85-0%                       | 86-0%                                                                               | 85-0%                       | 86-0%                                                                               | 85-0%                       |
| VADSBO    | LD 220                                                                                | 230/50Hz         | 1-200   | U         | 90-1%                                                                             | 89-1%                       | 90-1%                                                                               | 89-1%                       | 90-1%                                                                               | 89-1%                       | 90-1%                                                                               | 89-1%                       |
| VARILIGHT | HQ3W                                                                                  | 230/50Hz         | 400     |           | 66-0%                                                                             | 65-0%                       | 66-0%                                                                               | 65-0%                       | 66-0%                                                                               | 65-0%                       | 66-0%                                                                               | 65-0%                       |
| VARILIGHT | JQP401W                                                                               | 230/50Hz         | 400     | T         |                                                                                   | 87-3%                       |                                                                                     | 87-3%                       |                                                                                     | 87-3%                       |                                                                                     | 87-3%                       |
| Vimar     | 20135                                                                                 | 230/50Hz         | 3 - 100 | U         | 86-1%                                                                             | 85-1%                       | 86-1%                                                                               | 85-1%                       | 86-1%                                                                               | 85-1%                       | 86-1%                                                                               | 85-1%                       |
| ZANO      | WH401                                                                                 | 230/50Hz         | 400     | L         | 61-3%                                                                             | 61-3%                       | 61-3%                                                                               | 61-3%                       | 61-3%                                                                               | 61-3%                       | 93-3%                                                                               | 61-3%                       |
| ZANO      | WH251                                                                                 | 230/50Hz         | 250     |           |                                                                                   |                             |                                                                                     |                             |                                                                                     |                             |                                                                                     | 53-0%                       |
| ZANO      | Z GRID 700                                                                            | 230/50Hz         | 250     | LED       |                                                                                   | 63-0%                       |                                                                                     | 63-0%                       |                                                                                     | 63-0%                       |                                                                                     |                             |
| ZANO      | Z GRID 500                                                                            | 230/50Hz         | 500     |           | 90-0%                                                                             | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       | 90-0%                                                                               | 89-0%                       |



**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.

**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.

**LEDVANCE GmbH**

Head Office:

Parkring 29-33  
85748 Garching, Germany  
Phone +49 89 780673-100  
Fax +49 89 780673-XXX  
[www.ledvance.com](http://www.ledvance.com)