PHILIPS

Lighting




# CorePro LEDspot LV

## CoreProLEDspotLV ND 2.8-20W 827 MR16 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver huge energy savings and minimize maintenance cost.

### Product data

| General Information | |
|---|---|
| Cap-Base | GU5.3 [ GU5.3] |
| Nominal Lifetime (Nom) | 15000 h |
| Switching Cycle | 50000X |
| Technical Type | 2.8-20W |

| Light Technical | |
|---|---|
| Color Code | 827 [ CCT of 2700K] |
| Beam Angle (Nom) | 36 ° |
| Luminous Flux (Nom) | 250 lm |
| Luminous Flux (Rated) (Nom) | 250 lm |
| Luminous Intensity (Nom) | 500 cd |
| Color Designation | Warm White (WW) |
| Rated Beam Angle | 36 ° |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (Rated) (Nom) | 89.29 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 250 lm |

| Operating and Electrical | |
|---|---|
| Power (Rated) (Nom) | 2.8 W |
| Lamp Current (Nom) | 350 mA |
| Wattage Equivalent | 20 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | 1 s |
| Power Factor (Nom) | 0.5 |
| Voltage (Nom) | 12 V |

| Temperature | |
|---|---|
| T-Case Maximum (Nom) | 76 °C |

| Controls and Dimming | |
|---|---|
| Dimmable | No |

| Approval and Application | |
|---|---|
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | Yes |
| Energy Efficiency Label (EEL) | A++ |
| Energy Consumption kWh/1000 h | 4 kWh |

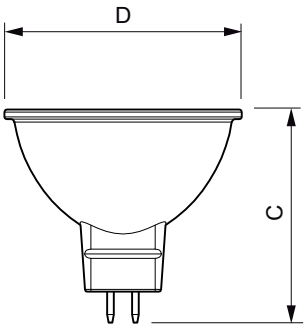
| Product Data | |
|---|---|
| Full product code | 871869657939800 |
| Order product name | CoreProLEDspotLV ND 2.8-20W 827 MR16 36D |
| EAN/UPC - Product | 8718696579398 |

# CorePro LEDspot LV

| | |
|---|---|
| **Order code** | 929001239902 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 929001239902 |

| | |
|---|---|
| **Net Weight (Piece)** | 0.045 kg |

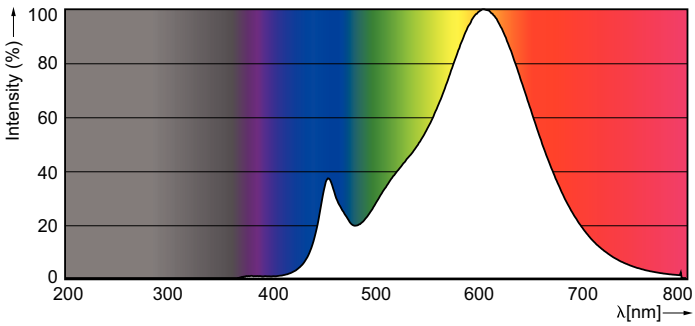
## Dimensional drawing

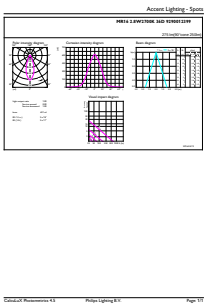


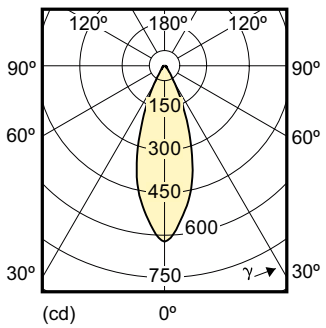

| Product | D | C |
|---|---|---|
| CoreProLEDspotLV ND 2.8-20W 827 MR16 36D | 50 mm | 46 mm |

**MR16 12V 3W-20W 240lm 36D 2700K GU5.3 ND**

## Photometric data








© 2017 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.lighting.philips.com
2017, November 20 - data subject to change