# **PHILIPS** Lighting



# **CorePro LEDspot LV**

# CorePro LED spot ND4.4-35WMR16 827 36DUK

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. LEDlamps deliver huge energy savings and minimize maintenance cost.

#### **Product data**

| General Information                    |                       |
|--|-----------------------|
| Cap base                               | GU5.3 [ GU5.3]        |
| EU RoHS compliant                      | Yes                   |
| Nominal lifetime (nom.)                | 15000 h               |
| Switching cycle                        | 50,000X               |
|  |                       |
| Light Technical                        |                       |
| Colour Code                            | 827 [ CCT of 2,700 K] |
| Beam Angle (Nom)                       | 36 °                  |
| Luminous flux (nom.)                   | 345 lm                |
| Luminous intensity (nom.)              | 650 cd                |
| Colour designation                     | Warm white (WW)       |
| Correlated Colour Temperature (Nom)    | 2700 K                |
| Luminous efficacy (rated) (nom.)       | 78.00 lm/W            |
| Colour consistency                     | <6                    |
| Colour rendering index (nom.)          | 80                    |
| LLMF at end of nominal lifetime (nom.) | 70 %                  |
| Luminous flux in 90° cone (rated)      | 345 lm                |
|  |                       |
| Operating and Electrical               |                       |
| Input frequency                        | - Hz                  |
| Power (Rated) (Nom)                    | 4.4 W                 |
| Lamp current (nom.)                    | 520 mA                |
|  |                       |

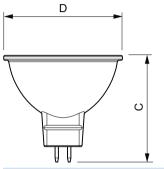
| Wattage equivalent                 | 35 W               |  |
|------------------------------------|--------------------|--|
| Starting time (nom.)               | 0.5 s              |  |
| Warm-up time to 60% light (nom.)   | 0.5 s              |  |
| Power factor (nom.)                | 0.6                |  |
| Voltage (Nom)                      | ac electronic 12 V |  |
|                                    |                    |  |
| Temperature                        |                    |  |
| T-Case maximum (nom.)              | 85 ℃               |  |
|                                    |                    |  |
| Controls and Dimming               |                    |  |
| Dimmable                           | No                 |  |
|                                    |                    |  |
| Mechanical and Housing             |                    |  |
| Bulb shape                         | MR16 [ 2inch/50mm] |  |
|                                    |                    |  |
| Approval and Application           |                    |  |
| Energy Efficiency Class            | F                  |  |
| Suitable for accent lighting       | Yes                |  |
| Energy consumption kWh/1,000 hours | 5 kWh              |  |
|                                    | 421457             |  |
|                                    |                    |  |
| Product Data                       |                    |  |
| Full product code                  | 871951430706301    |  |
|                                    |                    |  |

# CorePro LEDspot LV

| Order product name                | CorePro LED spot ND4.4-35WMR16 827 36DUK |  |  |
|-----------------------------------|--|--|--|
| EAN/UPC – product                 | 8719514307063                            |  |  |
| Order code                        | 30706301                                 |  |  |
| SAP numerator – quantity per pack | 1  |  |  |
| Numerator – packs per outer box   | 10                                       |  |  |

| SAP material           | 929002494699 |  |
|------------------------|--------------|--|
| SAP net weight (piece) | 0.045 kg     |  |

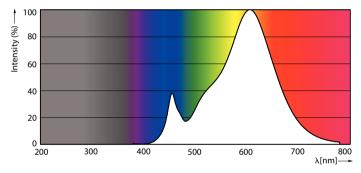
### Dimensional drawing



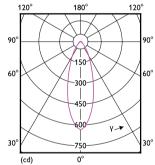
| Product                                  | D       | с       |
|--|---------|---------|
| CorePro LED spot ND4.4-35WMR16 827 36DUK | 50.5 mm | 45.5 mm |

MR16 12V 4.4-35W 345lm 36D 2700K ND

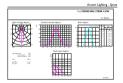
#### Photometric data



LEDspots Corepro SLR 2 4,4W MR16 GU5,3 827 36D-POC



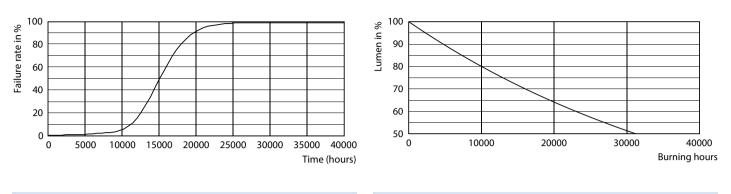
LEDspots Corepro SLR 2 4,4W MR16 GU5,3 827 36D-LDD



LEDspots Corepro SLR 2 4,4W MR16 GU5,3 827 36D-ADL

## CorePro LEDspot LV

#### Lifetime



15K LED

15K LMP



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