

PHILIPS**Lighting****F** A
G

CorePro LEDspot LV

CorePro LED spot ND 4.4-35W MR16 840 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. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

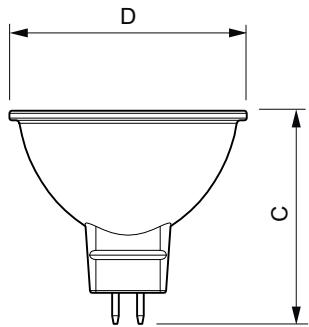
| General Information | | Operating and Electrical | |
|--|--------------------|------------------------------|---------------------|
| Cap base | GU5.3 [GU5.3] | Line Frequency | - Hz |
| Nominal lifetime | 15,000 h | Input frequency | - Hz |
| Switching Cycle | 50,000 | Power Consumption | 4.4 W |
| Lighting Technology | LED | Lamp current (nom.) | 520 mA |
| Flux measurement reference | Narrow Cone | Wattage equivalent | 35 W |
| CE mark | Yes | Starting time (nom.) | 0.5 s |
| EU RoHS compliant | Yes | Warm-up time to 60% light | 0.5 s |
| Light Technical | | Power Factor (Fraction) | 0.6 |
| Colour Code | 840 [CCT of 4000K] | Voltage (nom.) | ac electronic 12 V |
| Beam angle (nom.) | 36 degree(s) | Temperature | |
| Luminous Flux | 390 lm | T-Case maximum (nom.) | 85 °C |
| Luminous intensity (nom.) | 750 cd | Controls and Dimming | |
| Colour designation | Cool White (CW) | Dimmable | No |
| Correlated Colour Temperature | 4000 K | Mechanical and Housing | |
| Luminous efficacy (rated) (nom.) | 88.00 lm/W | Bulb shape | MR16 [2 inch/50 mm] |
| Colour consistency | <6 | Approval and Application | |
| Colour rendering index (CRI) | 80 | Energy Efficiency Class | F |
| LLMF at end of nominal lifetime (nom.) | 70 % | Suitable for accent lighting | Yes |
| Luminous flux in 90° cone (rated) | 390 lm | | |
| Photobiological safety according to EN 62471 RG1 | | | |

CorePro LEDspot LV

| | |
|------------------------------------|--------------------------------------|
| Energy consumption kWh/1,000 hours | 5 kWh |
| EPREL registration number | 421458 |
| EyeComfort | Yes |
| Product Data | |
| Order product name | CorePro LED spot ND 4.4-35W MR16 840 |
| | 36D |
| Full product name | CorePro LED spot ND 4.4-35W MR16 840 |
| | 36D |

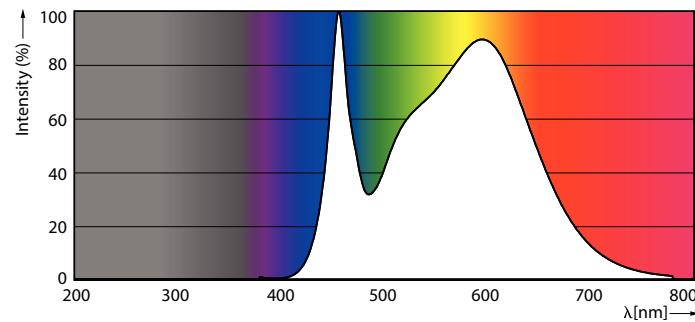
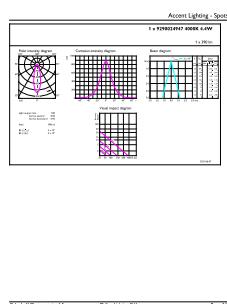
| | |
|-----------------------------------|-----------------|
| Full EOC | 871951430708700 |
| Order code | 30708700 |
| Material no. (12 NC) | 929002494702 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8719514307087 |
| Numerator – packs per outer box | 10 |
| EAN/UPC - Case | 8719514307094 |

Dimensional drawing



| Product | D | C |
|--|---------|---------|
| CorePro LED spot ND 4.4-35W MR16 840 36D | 50.5 mm | 45.5 mm |

Photometric data

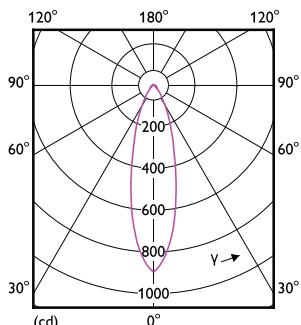


Accent Lighting Spots - CorePro LED spot ND 4.4-35W MR16 840 36D

Spectral Power Distribution Colour - CorePro LED spot ND 4.4-35W MR16 840 36D

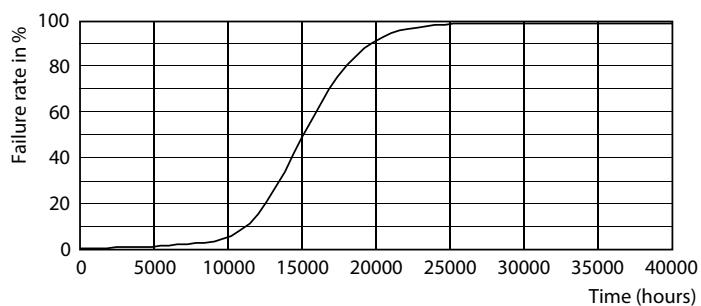
CorePro LEDspot LV

Photometric data

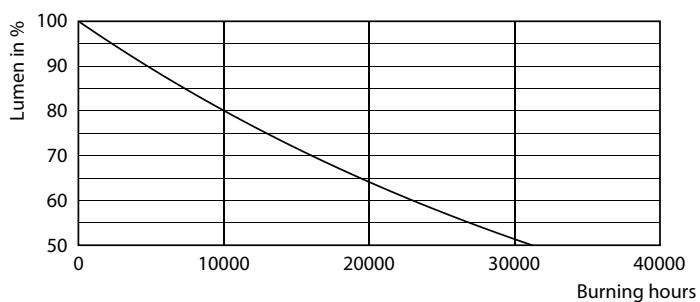


Light Distribution Diagram - CorePro LED spot ND 4.4-35W MR16 840 36D

Lifetime



Life Expectancy Diagram - CorePro LED spot ND 4.4-35W MR16 840 36D



Lumen Maintenance Diagram - CorePro LED spot ND 4.4-35W MR16 840 36D

