



# **CorePro LEDspot MV**



# Corepro LEDspot 3.5-35W GU10 830 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E14 holder 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	GU10 [GU10]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	265 lm
Luminous intensity (nom.)	565 cd
Colour designation	White (WH)
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	75.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	265 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Photobiological safety according to EN 62471 RG1  Operating and Electrical  Line Frequency 50 to 60 Hz  Input frequency 50 to 60 Hz  Power Consumption 3.5 W  Lamp current (nom.) 32 mA  Wattage equivalent 35 W  Starting time (nom.) 0.5 s  Warm-up time to 60% light 0.5 s	 DC4	
Line Frequency         50 to 60 Hz           Input frequency         50 to 60 Hz           Power Consumption         3.5 W           Lamp current (nom.)         32 mA           Wattage equivalent         35 W           Starting time (nom.)         0.5 s           Warm-up time to 60% light         0.5 s	RGI	Photobiological safety according to EN 6247
Line Frequency         50 to 60 Hz           Input frequency         50 to 60 Hz           Power Consumption         3.5 W           Lamp current (nom.)         32 mA           Wattage equivalent         35 W           Starting time (nom.)         0.5 s           Warm-up time to 60% light         0.5 s		
Input frequency		Operating and Electrical
Power Consumption         3.5 W           Lamp current (nom.)         32 mA           Wattage equivalent         35 W           Starting time (nom.)         0.5 s           Warm-up time to 60% light         0.5 s	50 to 60 Hz	Line Frequency
Lamp current (nom.)  Wattage equivalent  Starting time (nom.)  Warm-up time to 60% light  0.5 s	50 to 60 Hz	Input frequency
Wattage equivalent 35 W  Starting time (nom.) 0.5 s  Warm-up time to 60% light 0.5 s	3.5 W	Power Consumption
Starting time (nom.)  Warm-up time to 60% light  0.5 s	32 mA	Lamp current (nom.)
Warm-up time to 60% light 0.5 s	35 W	Wattage equivalent
	0.5 s	Starting time (nom.)
	0.5 s	Warm-up time to 60% light
Power Factor (Fraction) 0.5	0.5	Power Factor (Fraction)
<b>Voltage (nom.)</b> 220-240 V	220-240 V	Voltage (nom.)
Temperature		Temperature
T-Case maximum (nom.) 65 °C	65 °C	T-Case maximum (nom.)
Controls and Dimming		Controls and Dimming
Dimmable No	No	Dimmable
Mechanical and Housing		Mechanical and Housing
Bulb shape PAR16 [PAR 2 inch/50 mm]	PAR16 [PAR 2 inch/50 mm]	Bulb shape

Datasheet, 2023, April 14 data subject to change

## CorePro LEDspot MV

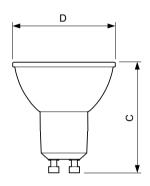
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	391856
EyeComfort	Yes
Product Data	
Order product name	Corepro LEDspot 3.5-35W GU10 830 36D

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Full EOC	871869672833800
Order code	72833800
Material no. (12 NC)	929001217902
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696728338
Numerator – packs per outer box	10
EAN/UPC - Case	8718696728345

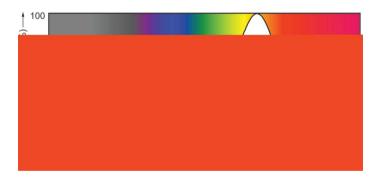
## Dimensional drawing

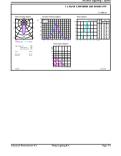
Full product name



Product	D	С
Corepro LEDspot 3.5-35W GU10 830 36D	50 mm	54 mm

## Photometric data



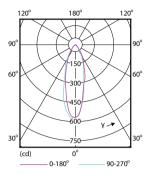


Spectral Power Distribution Colour

Accent Lighting Spots - Corepro LEDspot 3.5-35W GU10 830 36D

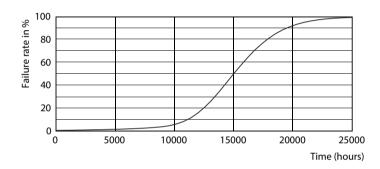
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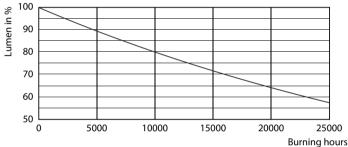
#### Photometric data



Light Distribution Diagram - Corepro LEDspot 3.5-35W GU10 830 36D

## Lifetime





Life Expectancy Diagram - Corepro LEDspot 3.5-35W GU10 830 36D

Lumen Maintenance Diagram - Corepro LEDspot 3.5-35W GU10 830 36D



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