



# CorePro LEDspot MV



## Corepro LEDspot 3.5–35W GU10 827 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

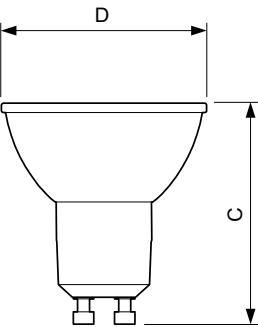
<b>General Information</b>		Photobiological safety according to EN 62471 RG1	
Cap base	GU10 [GU10]	<b>Operating and Electrical</b>	
Nominal lifetime	15,000 h	Line Frequency	50 to 60 Hz
Switching Cycle	50,000	Input frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	3.5 W
Flux measurement reference	Narrow Cone	Lamp current (nom.)	32 mA
CE mark	Yes	Wattage equivalent	35 W
EU RoHS compliant	Yes	Starting time (nom.)	0.5 s
<b>Light Technical</b>		Warm-up time to 60% light	0.5 s
Colour Code	827 [CCT of 2700K]	Power Factor (Fraction)	0.5
Beam angle (nom.)	36 degree(s)	Voltage (nom.)	220–240 V
Luminous Flux	255 lm	<b>Temperature</b>	
Luminous intensity (nom.)	545 cd	T-Case maximum (nom.)	65 °C
Colour designation	Warm White (WW)	<b>Controls and Dimming</b>	
Correlated Colour Temperature	2700 K	Dimmable	No
Luminous efficacy (rated) (nom.)	72.00 lm/W	<b>Mechanical and Housing</b>	
Colour consistency	<6	Bulb shape	PAR16 [PAR 2 inch/50 mm]
Colour rendering index (CRI)	80		
LLMF at end of nominal lifetime (nom.)	70 %		
Luminous flux in 90° cone (rated)	255 lm		
Flickering value (PstLM)	1		
Stroboscopic effect	0.4		

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Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	391855
EyeComfort	Yes
Product Data	
Order product name	Corepro LEDspot 3.5-35W GU10 827 36D
Full product name	Corepro LEDspot 3.5-35W GU10 827 36D

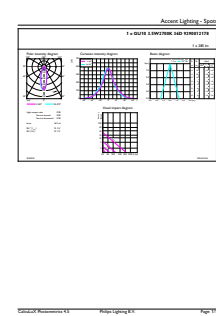
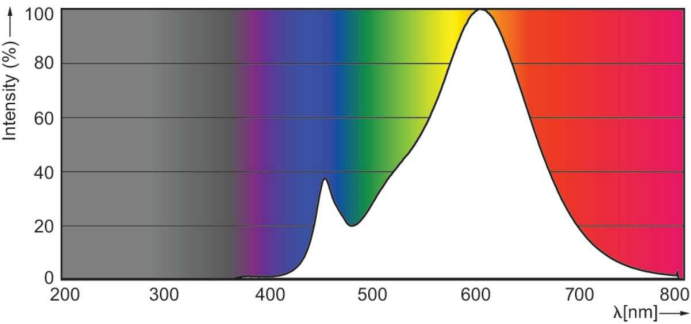
Full EOC	871869675253100
Order code	75253100
Material no. (12 NC)	929001217862
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696752531
Numerator – packs per outer box	10
EAN/UPC – Case	8718696752548

## Dimensional drawing



Product	D	C
Corepro LEDspot 3.5-35W GU10 827 36D	50 mm	54 mm

## Photometric data

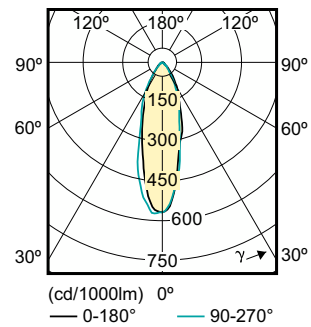


Spectral Power Distribution Colour - Corepro LEDspot 3.5-35W GU10 827 36D

General uniform lighting - Corepro LEDspot 3.5-35W GU10 827 36D

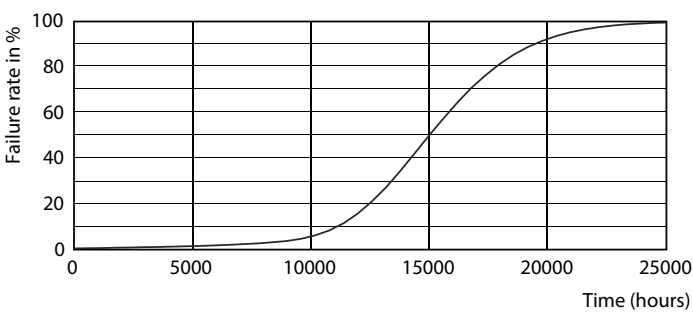
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Photometric data

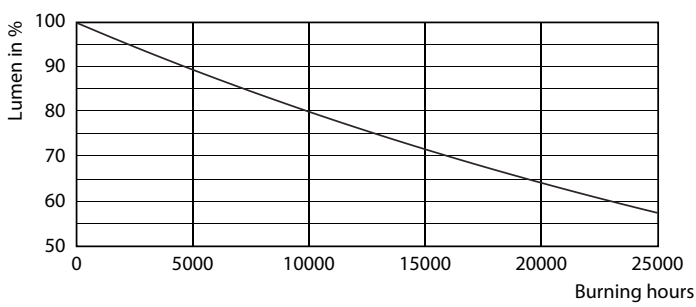


Light Distribution Diagram - Corepro LEDspot 3.5-35W GU10 827 36D

Lifetime



Life Expectancy Diagram - Corepro LEDspot 3.5-35W GU10 827 36D



Lumen Maintenance Diagram - Corepro LEDspot 3.5-35W GU10 827 36D

