



CorePro LED spot MV



CorePro LEDspot 3-35W GU10 827 36D DIM

CorePro, LEDspot, PAR16, 35 W, GU10, 2700 K, 230 lm, CRI 80, 15000 h, Glass

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
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	2 years
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	230 lm
Luminous intensity (nom.)	500 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	76 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	230 lm
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 W
Lamp current (nom.)	22 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.55
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	65 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	PAR16
Net Weight (Piece)	0.048 kg

Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	400298
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C
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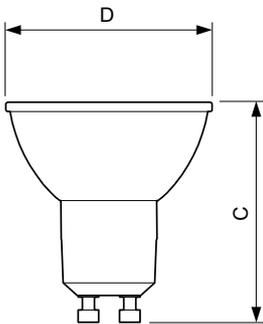
Application Conditions

Can it be used in closed luminaires	Yes
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Product Data

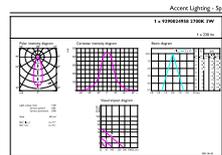
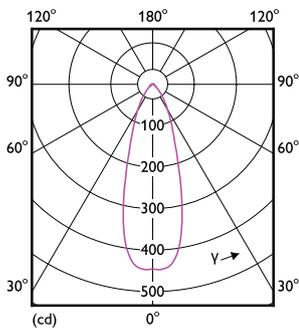
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Full product name	CorePro LEDspot 3-35W GU10 827 36D DIM
Full EOC	871869672133900
Order code	929002495802
Material no. (12 NC)	929002495802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696721339
Numerator – packs per outer box	10
EAN/UPC - Case	8718696721346

Dimensional drawing



Product	D	C
CorePro LEDspot 3-35W GU10 827 36D DIM	50 mm	54 mm

Photometric data

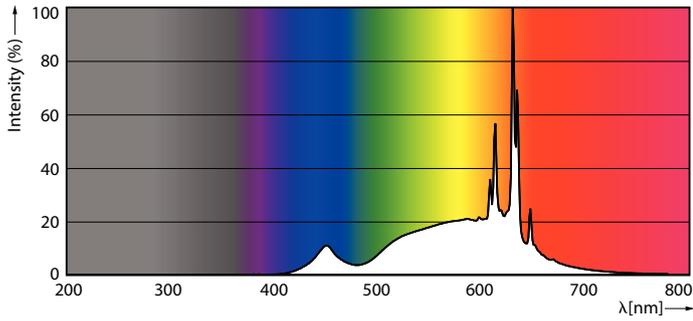


Light Distribution Diagram - CorePro LEDspot 3-35W GU10 827 36D DIM

Accent Lighting Spots - CorePro LEDspot 3-35W GU10 827 36D DIM

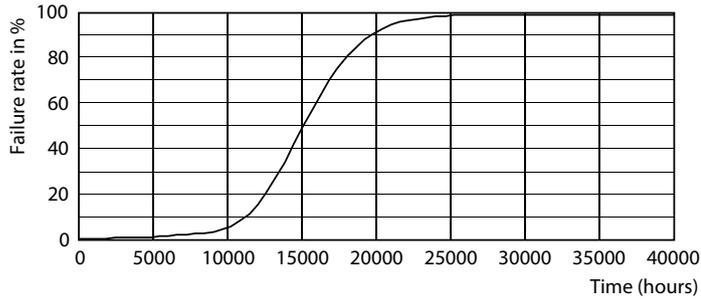
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Photometric data

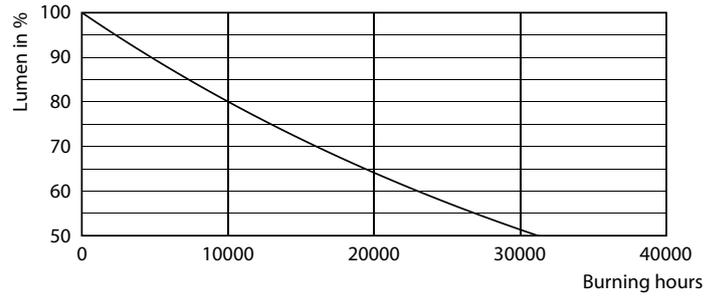


Spectral Power Distribution Colour - CorePro LEDspot 3-35W GU10 827 36D DIM

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDspot 3-35W GU10 827 36D DIM

