



CorePro LED spot MV



CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM

CorePro, LED, PAR16, 50 W, GU10, 2700 K, 3000 K, 4000 K, 360 lm, CRI 80, 15000 hour(s), Plastic

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. These GU10 LED spot lights are compatible with most existing fixtures with a GU10 LED base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver significant energy savings and minimize maintenance costs.

Product data

General Information	
Cap-Base	GU10
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Warranty period	2 years
Light Technical	
Color Code	2700/3000/4000
Beam Angle (Nom)	36 degree(s)
Luminous Flux	360 lm
Luminous Intensity (Nom)	550 cd
Color Designation	2700/3000/4000
Correlated Color Temperature (Nom)	2700 3000 4000 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	360 lm
Photobiological safety according to EN 62471	RG1
All-in Type	All-in, Multi Color Temperature

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	4.8 W
Lamp Current (Nom)	32 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.65
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	60 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	PAR16
Net Weight (Piece)	0.039 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	2105338
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

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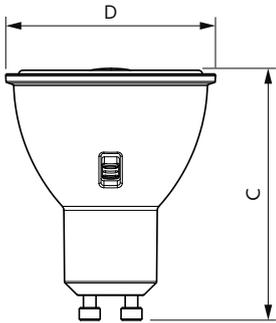
Application Conditions

can it be used in closed luminaires	No
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Product Data

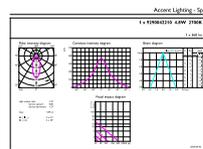
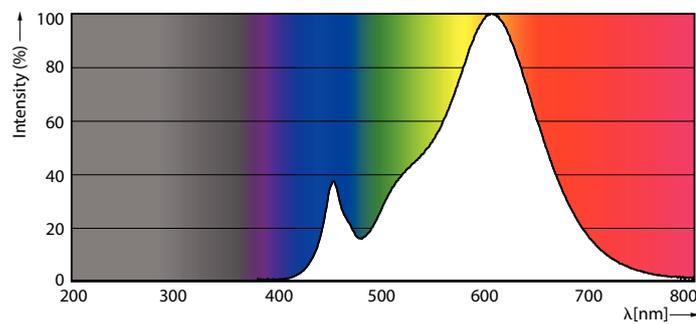
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Full product name	CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM
Full product code	872016936969600
Order code	929004221002
Material Nr. (12NC)	929004221002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169369696
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169369702

Dimensional drawing



Product	D	C
CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM	50 mm	61.5 mm

Photometric data



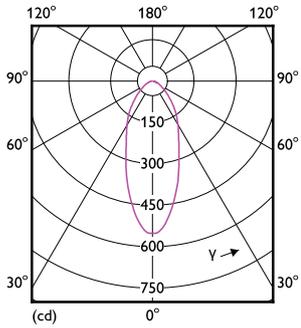
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Spectral Power Distribution Colour - CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM

Accent Lighting Spots - CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM

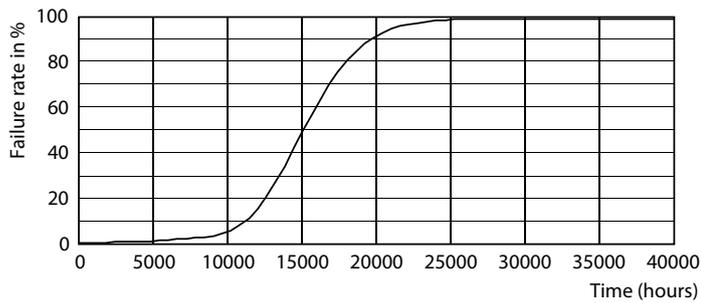
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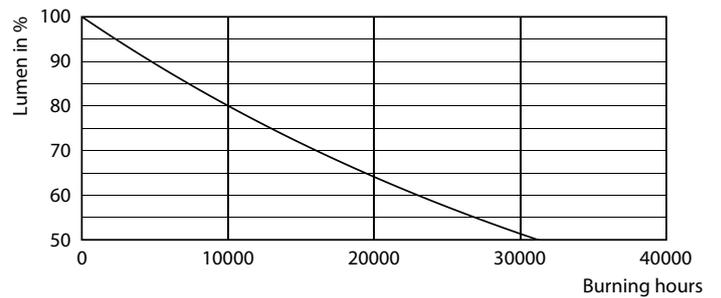


Light Distribution Diagram - CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM

