PHILIPS Lighting



CorePro LEDspot MV



CorePro LEDspot 4.9-65W GU10 840 36D ND

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	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	485 lm	
Luminous Intensity (Nom)	800 cd	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	98.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	485 lm	
Photobiological safety according to EN 62471	RG1	
Luminous Flux in 90° Cone (Rated)	485 lm	

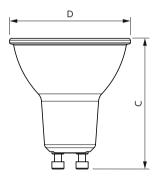
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp Current (Nom)	40 mA
Wattage Equivalent	65 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16
Net Weight (Piece)	0.045 kg

CorePro LEDspot MV

Approval and Application		
Energy Efficiency Class	E	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	5 kWh	
EPREL Registration Number	1825201	
CE mark	Yes	
EU RoHS compliant	Yes	
EyeComfort	Yes	
Flickering value (PstLM) - Flickering value as per 1		
EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.6	
Application Conditions		
can it be used in closed luminaires	No	

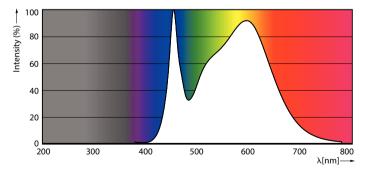
Product Data		
Order product name	CorePro LEDspot 4.9-65W GU10 840	
	36D ND	
Full product name	CorePro LEDspot 4.9-65W GU10 840	
	36D ND	
Full product code	871951430861900	
Order code	929002981102	
Material Nr. (12NC)	929002981102	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514308619	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8719514308626	

Dimensional drawing



Product D C CorePro LEDspot 4.9-65W GU10 840 36D ND 50 mm 54 mm

Photometric data



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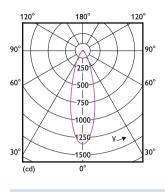
Accent Lighting - Spots

Calcular Processes (C Prope Lyting EX Page 1

Spectral Power Distribution Colour - CorePro LEDspot 4.9-65W GU10 840 36D ND Accent Lighting Spots - CorePro LEDspot 4.9-65W GU10 840 36D ND

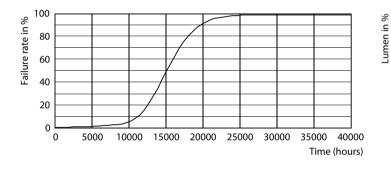
CorePro LEDspot MV

Photometric data



Light Distribution Diagram - CorePro LEDspot 4.9-65W GU10 840 36D ND

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDspot 4.9-65W GU10 840 36D ND

20000

30000

40000

Burning hours

10000



100

90

80

70

60 50

0

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