



# CorePro LEDspot LV



# CorePro LED spot 2.3-20W 827 MR11 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders 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	GU4
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	184 lm
Luminous intensity (nom.)	400 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	80.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	184 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	- Hz

Input frequency	- Hz
Power Consumption	2.3 W
Lamp current (nom.)	340 mA
Wattage equivalent	20 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	MR11
Net Weight (Piece)	0.018 kg
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

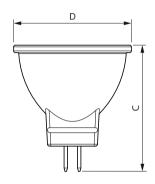
Datasheet, 2024, February 16 data subject to change

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Energy consumption kWh/1,000 hours	3 kWh		
EPREL Registration Number	391909		
CE mark	Yes		
EU RoHS compliant	Yes		
EyeComfort	Yes		
Application Conditions			
Can it be used in closed luminaires	No		
Product Data			
Order product name	CorePro LED spot 2.3-20W 827 MR11 36D		

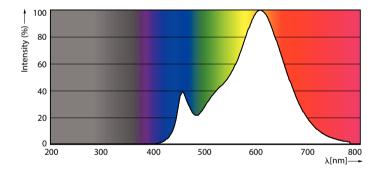
Full product name	CorePro LED spot 2.3-20W 827 MR11 36D
Full EOC	871869965948600
Order code	65948600
Material no. (12 NC)	929002066402
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699659486
Numerator – packs per outer box	12
EAN/UPC - Case	8718699659493

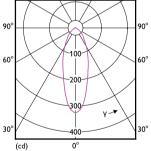
## Dimensional drawing



Product	D	С
CorePro LED spot 2.3-20W 827 MR11 36D	35.5 mm	39.5 mm

### Photometric data





180°

120°

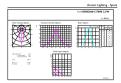
Spectral Power Distribution Colour - CorePro LED spot 2.3-20W 827 MR11 36D

Light Distribution Diagram - CorePro LED spot 2.3-20W 827 MR11 36D

120°

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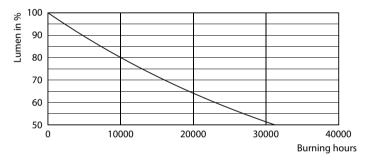
### Photometric data

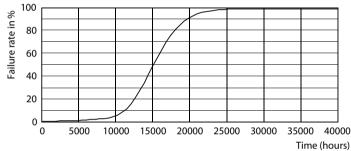


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Accent Lighting Spots - CorePro LED spot 2.3-20W 827 MR11 36D

## Lifetime





Lumen Maintenance Diagram - CorePro LED spot 2.3-20W 827 MR11 36D

LEDspot Classic MR11 36D 2700K



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