



CorePro LEDspot LV



CorePro LED spot ND 2.9–20W MR16 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 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	GU5.3 [GU5.3]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	230 lm
Luminous intensity (nom.)	560 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	79.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	230 lm
Photobiological safety according to EN 62471	RG1

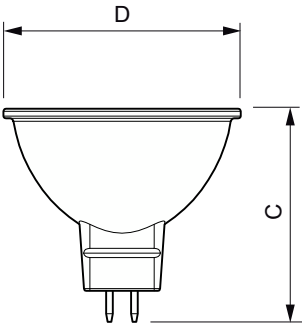
Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	2.9 W
Lamp current (nom.)	340 mA
Wattage equivalent	20 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes

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Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	421456
EyeComfort	Yes
Product Data	
Order product name	CorePro LED spot ND 2.9-20W MR16 827 36D
Full product name	CorePro LED spot ND 2.9-20W MR16 827 36D

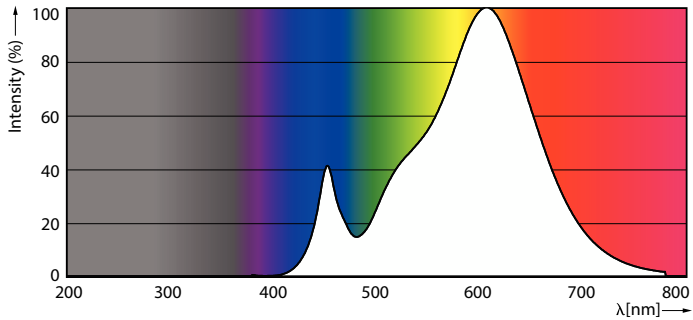
Full EOC	871951430704900
Order code	30704900
Material no. (12 NC)	929002494502
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514307049
Numerator – packs per outer box	10
EAN/UPC – Case	8719514307056

Dimensional drawing

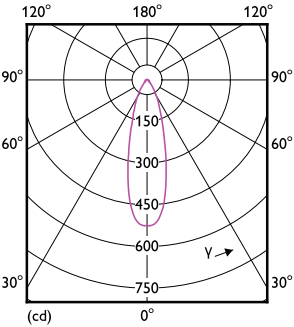


Product	D	C
CorePro LED spot ND 2.9-20W MR16 827 36D	50.5 mm	45.5 mm

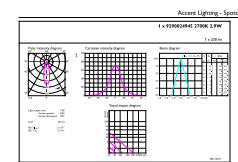
Photometric data



Spectral Power Distribution Colour - CorePro LED spot ND 2.9-20W MR16 827 36D



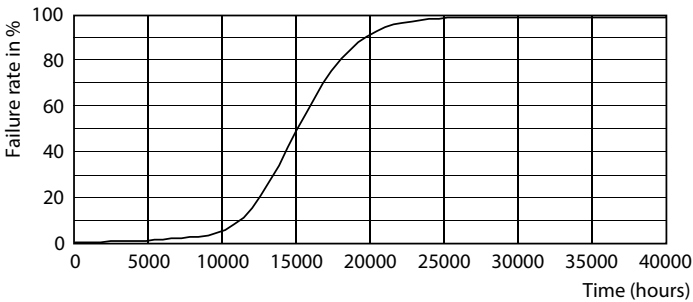
Light Distribution Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



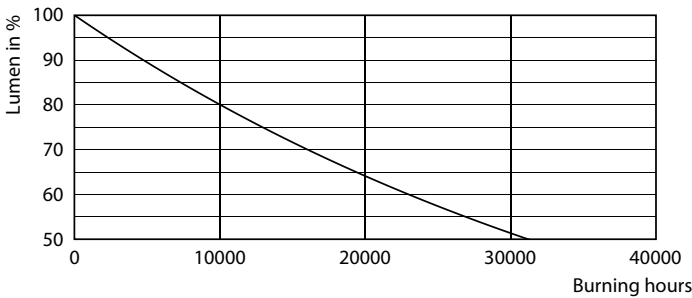
Accent Lighting Spots - CorePro LED spot ND 2.9-20W MR16 827 36D

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Lifetime



Life Expectancy Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



Lumen Maintenance Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D

