

PHILIPS**Lighting****F** A
G

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

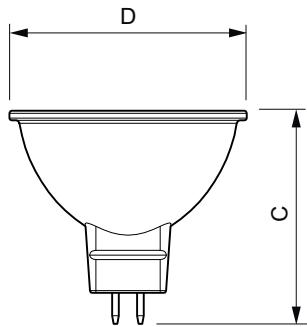
General Information		Operating and Electrical	
Cap base	GU5.3 [GU5.3]	Line Frequency	- Hz
Nominal lifetime	15,000 h	Input frequency	- Hz
Switching Cycle	50,000	Power Consumption	2.9 W
Lighting Technology	LED	Lamp current (nom.)	340 mA
Flux measurement reference	Narrow Cone	Wattage equivalent	20 W
CE mark	Yes	Starting time (nom.)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.6
Colour Code	827 [CCT of 2700K]	Voltage (nom.)	ac electronic 12 V
Beam angle (nom.)	36 degree(s)	Temperature	
Luminous Flux	230 lm	T-Case maximum (nom.)	75 °C
Luminous intensity (nom.)	560 cd	Controls and Dimming	
Colour designation	Warm White (WW)	Dimmable	No
Correlated Colour Temperature	2700 K	Mechanical and Housing	
Luminous efficacy (rated) (nom.)	79.00 lm/W	Bulb shape	MR16 [2 inch/50 mm]
Colour consistency	<6	Approval and Application	
Colour rendering index (CRI)	80	Energy Efficiency Class	F
LLMF at end of nominal lifetime (nom.)	70 %	Suitable for accent lighting	Yes
Luminous flux in 90° cone (rated)	230 lm		
Photobiological safety according to EN 62471 RG1			

CorePro LEDspot LV

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

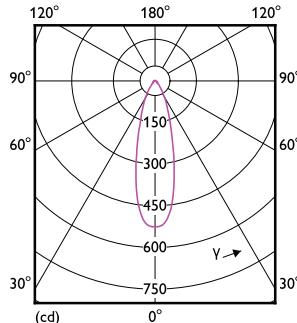
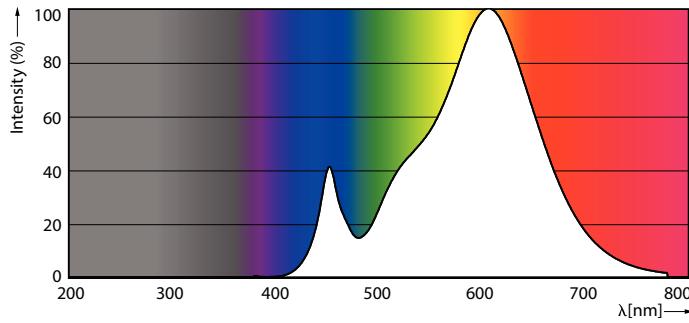
Full EOC	871951430704900
Order code	30704900
Material no. (12 NC)	929002494502
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514307049
Numerator – packs per outer box	10
EAN/UPC - Case	8719514307056

Dimensional drawing



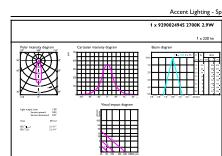
Product	D	C
CorePro LED spot ND 2.9-20W MR16 827 36D	50.5 mm	45.5 mm

Photometric data



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

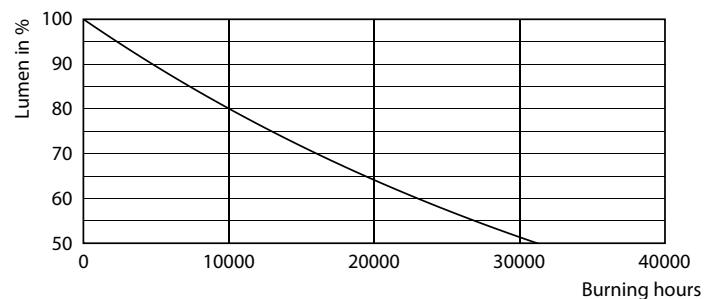
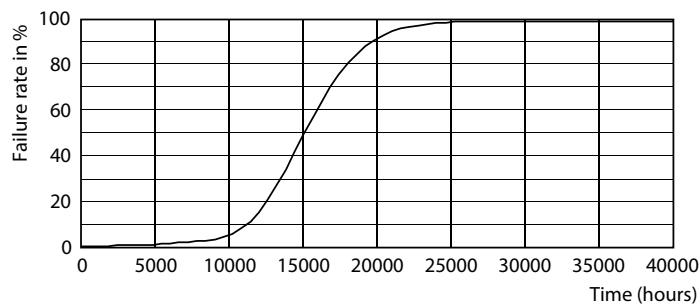
Light Distribution Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



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

CorePro LEDspot LV

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

