PHILIPS

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

929002494502



CorePro, LEDspot, MR16, not dimmable, 20 W, GU5.3, 2700 K, 230 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDspot, MR16, not dimmable, 20 W, GU5.3, 2700 K, 230 lm, CRI 80, 15000 hour(s), Glass, 79.00 lm/W, EEL F, PF 0.6, Beam angle 36 degree(s), RG1, IP20

General Information

Cap-Base	GU5.3
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	2 years

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	230 lm
Luminous Intensity (Nom)	560 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	79.00 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	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 Finish	Clear
Bulb Material	Glass
Bulb Shape	MR16
Net Weight (Piece)	0.045 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	421456
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

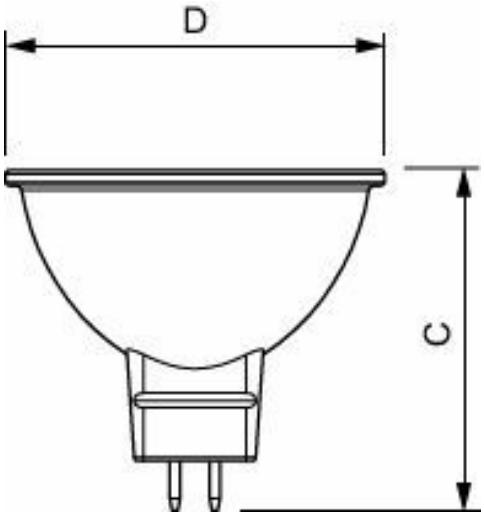
Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

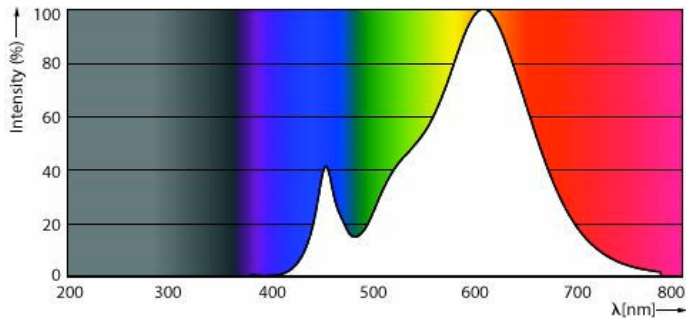
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Full product name	CorePro LED spot ND 2.9-20W MR16 827 36D
Full product code	871951430704900
Order code	929002494502
Material Nr. (12NC)	929002494502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514307049
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514307056

Dimensional drawing

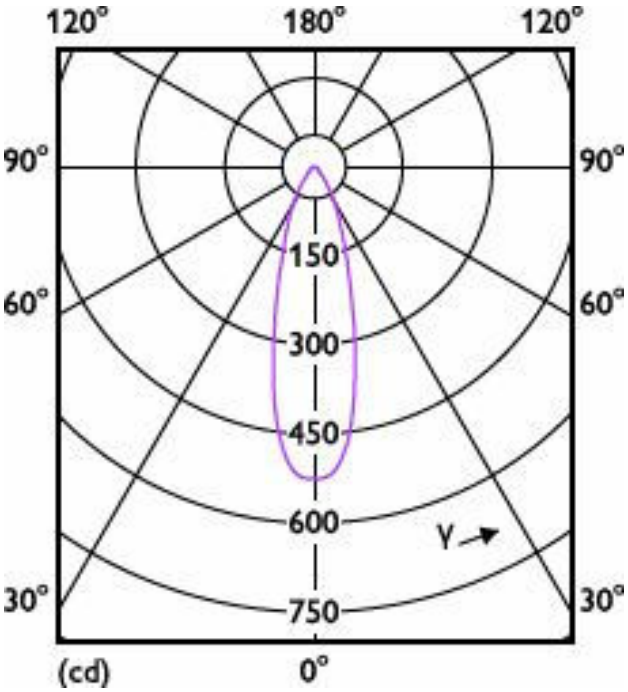


Product	D	C
CorePro LED spot ND 2.9-20W MR16 827 36D	50.5 mm	45.5 mm

Photometric data

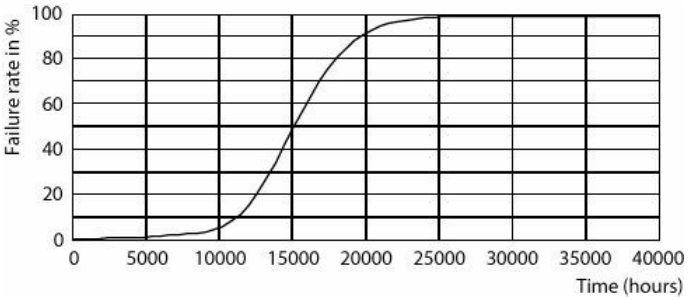


Spectral Power Distribution Colour - CorePro LED spot ND 2.9-20W MR16 827 36D

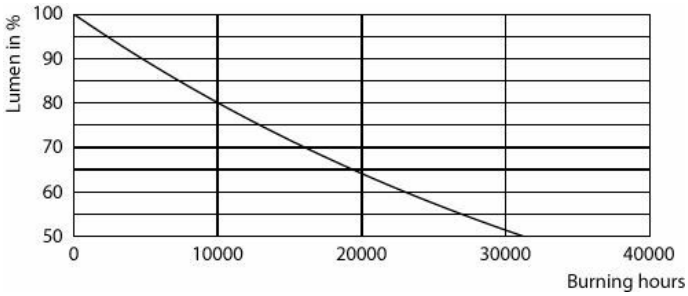


Light Distribution Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D

Lifetime



Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-CorePro-LEDspot-LV-COMF-3272-Ref-929002494602-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDspots_Corepro_SLR_2_2,9W_MR16_GU5,3_827_36D-IES.IES	Download

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