PHILIPS

CorePro LED spot ND 7-50W MR16 827 36D

929001904802



MASTER, LEDspot, MR16, not dimmable, 50 W, GU5.3, 2700 K, 621 lm, CRI 80, 15000 hour(s), Glass



MASTER, LEDspot, MR16, not dimmable, 50 W, GU5.3, 2700 K, 621 lm, CRI 80, 15000 hour(s), Glass, 88 lm/W, EEL F, PF 0.8, Beam angle 36 degree(s), 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	5 years

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	621 lm
Luminous Intensity (Nom)	1,400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	621 lm

Operating and Electrical

Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7 W
Lamp Current (Nom)	730 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	85 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	MR16
Net Weight (Piece)	0.030 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	465221
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

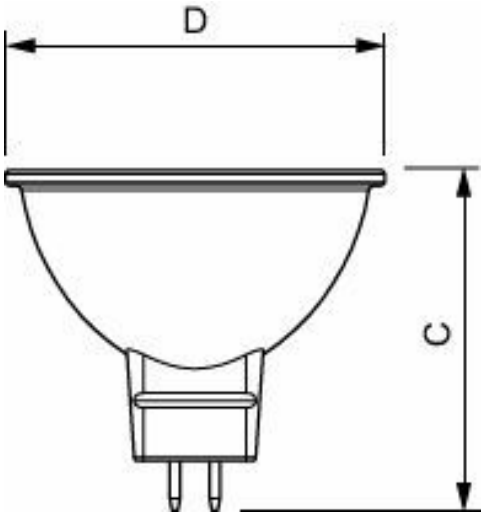
Application Conditions

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

Product Data

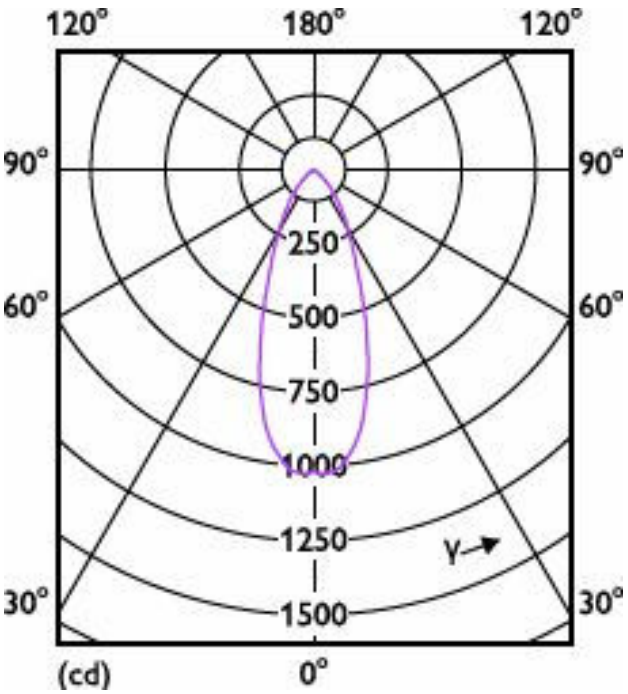
Order product name	CorePro LED spot ND 7-50W MR16 827 36D
Full product name	CorePro LED spot ND 7-50W MR16 827 36D
Full product code	871869681471000
Order code	929001904802
Material Nr. (12NC)	929001904802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696814710
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696814727

Dimensional drawing

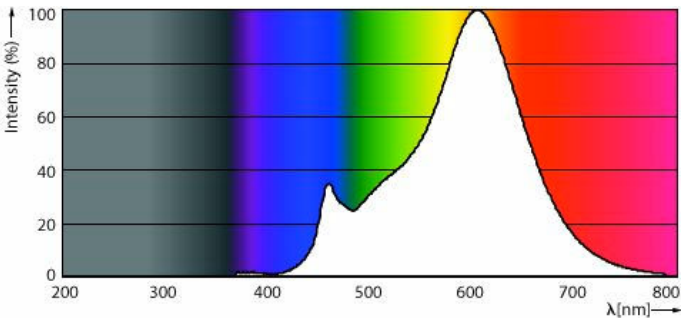


Product	D	C
CorePro LED spot ND 7-50W MR16 827 36D	50.5 mm	45 mm

Photometric data

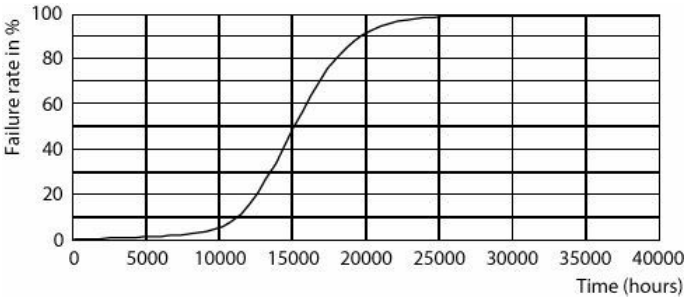


Light Distribution Diagram - CorePro LED spot ND 7-50W MR16 827 36D

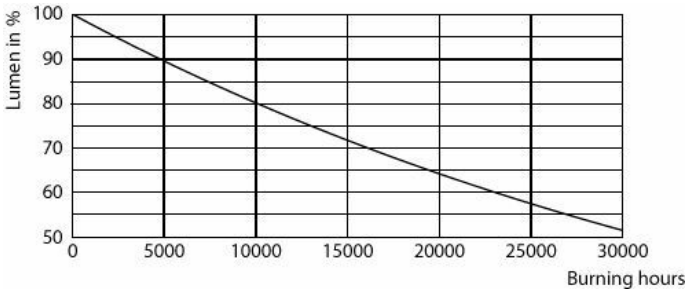


Spectral Power Distribution Colour - CorePro LED spot ND 7-50W MR16 827 36D

Lifetime



LEDspot Corepro 7-50W GU5.3 MR16 827 36D ND



Lumen Maintenance Diagram - CorePro LED spot ND 7-50W 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	LEDspot_Corepro_7_50W_GU5_3_MR16_827_36D_ND-IES.ies	Download

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