PHILIPS

CorePro LEDspot 4-50W GU10 827 36D DIM

929002495902



CorePro, LEDspot, PAR16, dimmable, 50 W, GU10, 2700 K, 345 lm, CRI 80, 15000 hour(s), Glass



CorePro, LEDspot, PAR16, dimmable, 50 W, GU10, 2700 K, 345 lm, CRI 80, 15000 hour(s), Glass, 86 lm/W, EEL F, PF 0.6, Beam angle 36 degree(s), RG1, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	GU10
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	345 lm
Luminous Intensity (Nom)	700 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	345 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4 W
Lamp Current (Nom)	24 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	70 °C

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR16
Net Weight (Piece)	0.048 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	400299
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

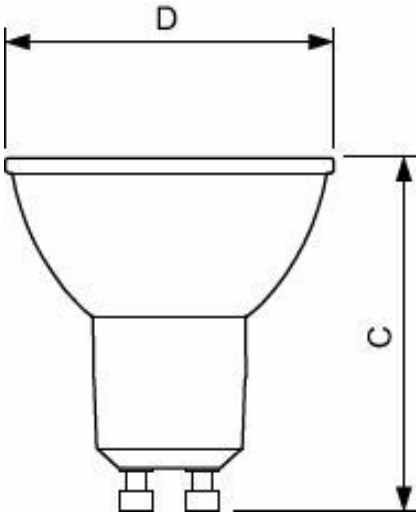
Application Conditions

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

Product Data

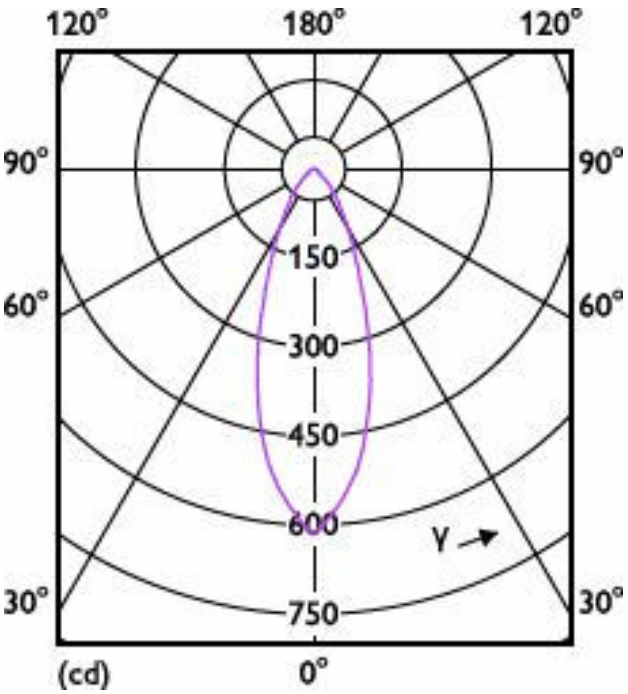
Order product name	CorePro LEDspot 4-50W GU10 827 36D DIM
Full product name	CorePro LEDspot 4-50W GU10 827 36D DIM
Full product code	871869672137700
Order code	929002495902
Material Nr. (12NC)	929002495902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696721377
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696721384

Dimensional drawing

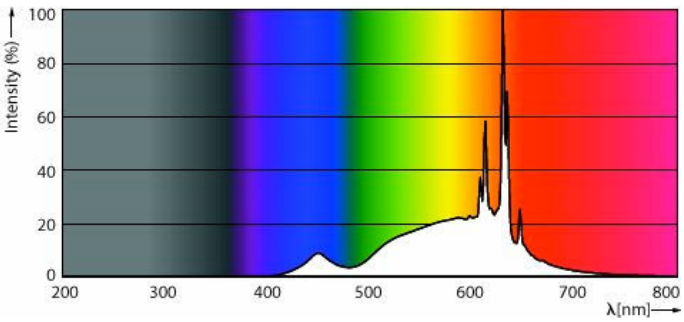


Product	D	C
CorePro LEDspot 4-50W GU10 827 36D DIM	50 mm	54 mm

Photometric data

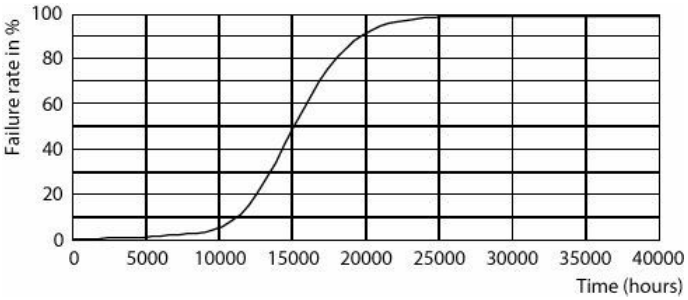


Light Distribution Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM

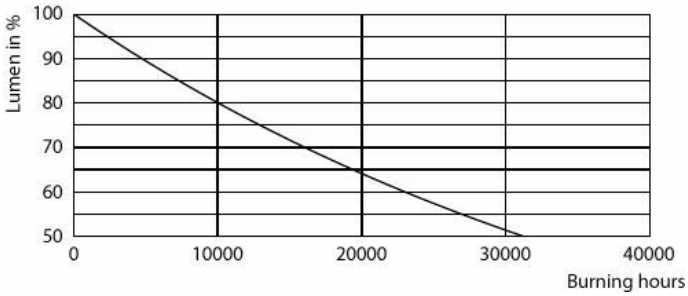


Spectral Power Distribution Colour - CorePro LEDspot 4-50W GU10 827 36D DIM

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-CorePro-LEDspot-MV-15K-COMF-3273-Ref-929001215232-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDspots_Corepro_SLR_4W_PAR16_GU10_827_36D-IES.IES	Download

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