PHILIPS

CorePro LEDspot 7-50W 830 AR111 40D

929002965002



CorePro, LEDspot, AR111, not dimmable, 50 W, G53, 3000 K, 550 lm, CRI 80, 15000 hour(s), Plastic



CorePro, LEDspot, AR111, not dimmable, 50 W, G53, 3000 K, 550 lm, CRI 80, 15000 hour(s), Plastic, 78.00 lm/W, EEL F, PF 0.7, Beam angle 40 degree(s), RG1, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	G53
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	830 [CCT of 3000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	550 lm
Luminous Intensity (Nom)	1,100 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	78.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	550 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7 W
Lamp Current (Nom)	670 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V

Temperature

T-Case Maximum (Nom)	60 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	AR111
Net Weight (Piece)	0.160 kg

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	491865
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 +40 °C

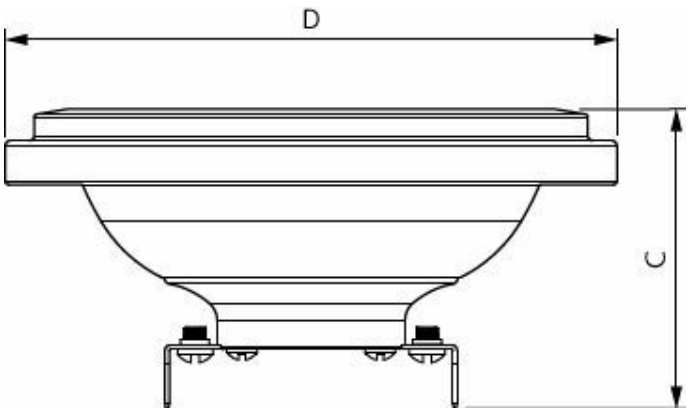
Application Conditions

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

Product Data

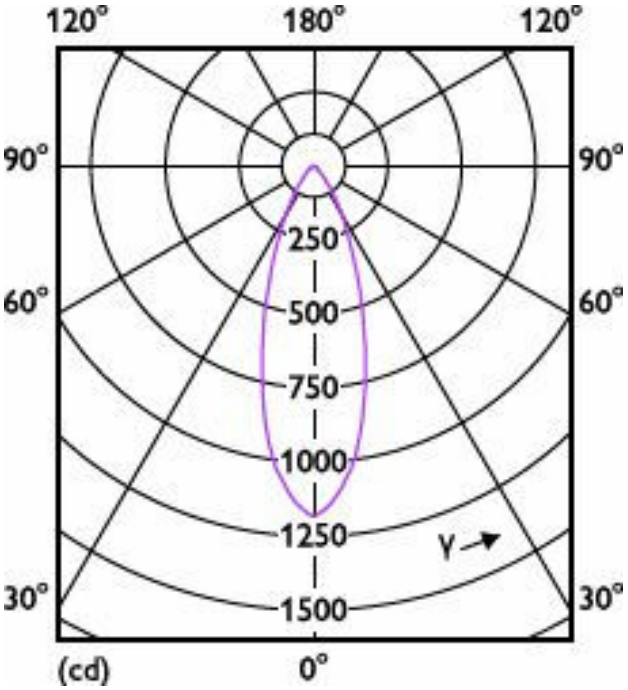
Order product name	CorePro LEDspot 7-50W 830 AR111 40D
Full product name	CorePro LEDspot 7-50W 830 AR111 40D
Full product code	871951430538000
Order code	929002965002
Material Nr. (12NC)	929002965002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514305380
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514305397

Dimensional drawing

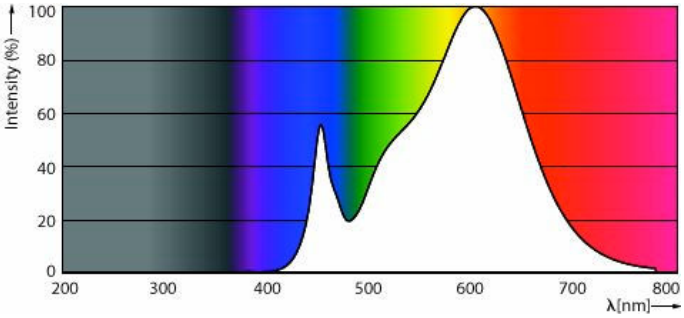


Product	D	C
CorePro LEDspot 7-50W 830 AR111 40D	110.7 mm	55 mm

Photometric data

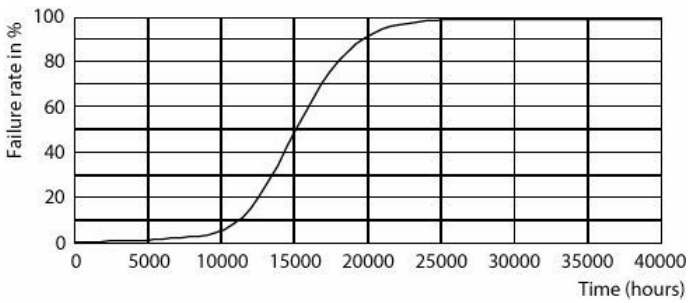


Light Distribution Diagram - CorePro LEDspot 7-50W 830 AR111 40D

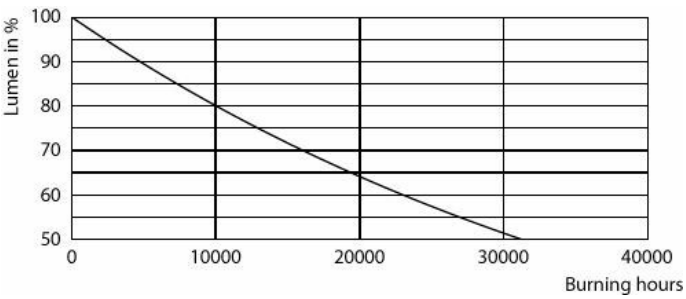


Spectral Power Distribution Colour - CorePro LEDspot 7-50W 830 AR111 40D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDspot 7-50W 830 AR111 40D

Related Documents

Photometry and lighting design	Document Name	Download
IES File	LEDspots_Corepro_7W_AR111_G53_830_40D-IES.IES	Download

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