



CorePro LEDspot AR111

CorePro LEDspot 14-100W 830 AR111 40D

CorePro LEDspot AR111 are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a G53 base and are designed as a retrofit replacement for halogen spots. CorePro LEDspot AR111 deliver significant energy savings and minimize maintenance cost.

Product data

General Information	
Cap-Base	G53 [G53]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	1,160 lumen
Luminous Intensity (Nom)	2,200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	82.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	1,160 lumen

Operating and Electrical	
Operating and Licetrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	14 W
Lamp Current (Nom)	1,330 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

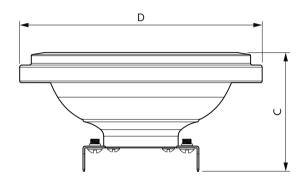
Datasheet, 2023, May 19 data subject to change

CorePro LEDspot AR111

Bulb Shape	AR111	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	14 kWh	
EPREL Registration Number	491,864	
CE mark	Yes	
EU RoHS compliant	Yes	
Product Data		
Full product code	871951430536600	

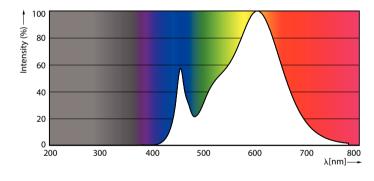
Order product name	CorePro LEDspot 14-100W 830 AR111 40D	
Order code	929002965202	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	929002965202	
Full product name	CorePro LEDspot 14-100W 830 AR111 40D	
EAN/UPC - Case	8719514305373	

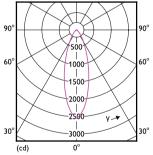
Dimensional drawing



Product	D	С
CorePro LEDspot 14-100W 830 AR111 40D	110.7 mm	55 mm

Photometric data





180°

120°

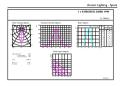
Spectral Power Distribution Colour - CorePro LEDspot 14-100W 830 AR111 40D

Light Distribution Diagram - CorePro LEDspot 14-100W 830 AR111 40D

120°

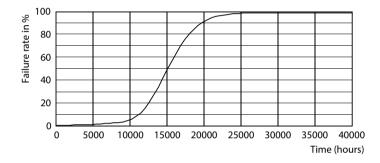
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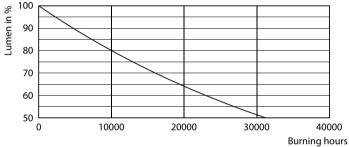
Photometric data



Catoulus Phonometrics 4.5 Philips Lighting B.V. Fago: 1

Lifetime





Life Expectancy Diagram - CorePro LEDspot 14-100W 830 AR111 40D

Lumen Maintenance Diagram - CorePro LEDspot 14-100W 830 AR111 40D



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