CorePro LEDspot MV

Corepro LEDspot 550lm GU10 840 120D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information

Cap base	GU10 [GU10]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical

Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	550 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	112 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.6
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4.9 W
Lamp current (nom.)	40 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V

Temperature

T-Case maximum (nom.)	85 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb shape	PAR16 [PAR 2 inch/50 mm]

Approval and Application

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Energy Efficiency Class	E
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	5 kWh

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EPREL registration number	438114		**Material no. (12 NC)**	929002981302
EyeComfort	Yes		**SAP numerator – quantity per pack**	1
			EAN/UPC — Product/Case	8719514308657
Product Data			**Numerator – packs per outer box**	10
Order product name	Corepro LEDspot 550lm GU10 840 120D		**EAN/UPC – Case**	8719514308664
Full product name	Corepro LEDspot 550lm GU10 840 120D			
Full EOC	871951430865700			
Order code	30865700			

Dimensional drawing
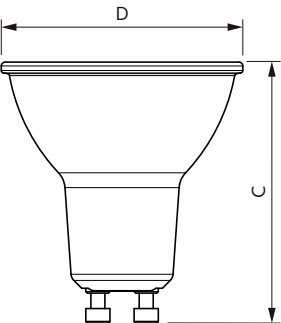
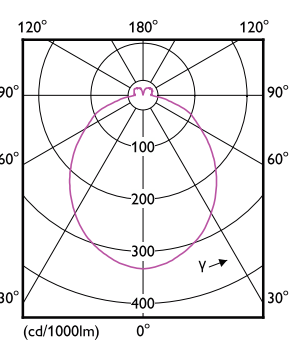| Product	D	C
Corepro LEDspot 550lm GU10 840 120D	50 mm	54 mm

Photometric data
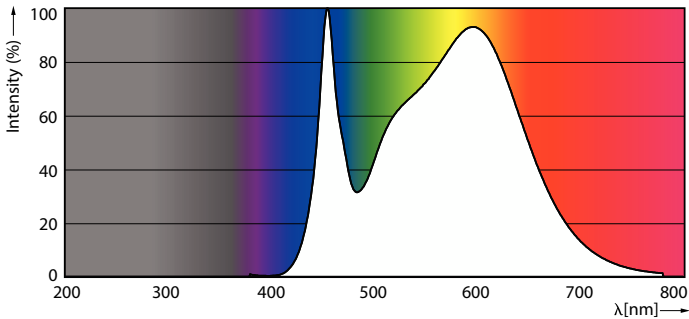
Spectral Power Distribution Colour – Corepro LEDspot 550lm GU10 840 120D
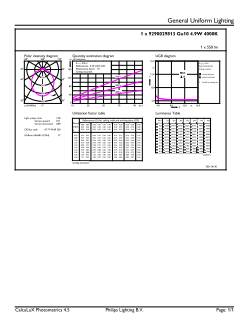
General uniform lighting – Corepro LEDspot 550lm GU10 840 120D

Light Distribution Diagram – Corepro LEDspot 550lm GU10 840 120D

CorePro LEDspot MV

Lifetime

Life Expectancy Diagram – Corepro LEDspot 550lm GU10 840 120D

Lumen Maintenance Diagram – Corepro LEDspot 550lm GU10 840 120D

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2023, April 15 – data subject to change