PHILIPS Lighting

CorePro LEDspot MV

Corepro LEDspot 550lm GU10 865 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.

E | A↑G

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	865 [CCT of 6500K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	550 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	112.00 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 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb shape	PAR16 [PAR 2 inch/50 mm]

Approval and Application

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

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EPREL registration number	438115
EyeComfort	Yes

Product Data

Order product name	Corepro LEDspot 550lm GU10 865 120D
Full product name	Corepro LEDspot 550lm GU10 865 120D
Full EOC	871951430867100
Order code	30867100

Material no. (12 NC)	929002981402
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514308671
Numerator – packs per outer box	10
EAN/UPC – Case	8719514308688

Dimensional drawing
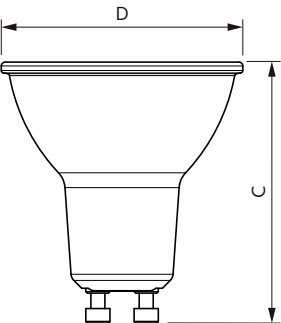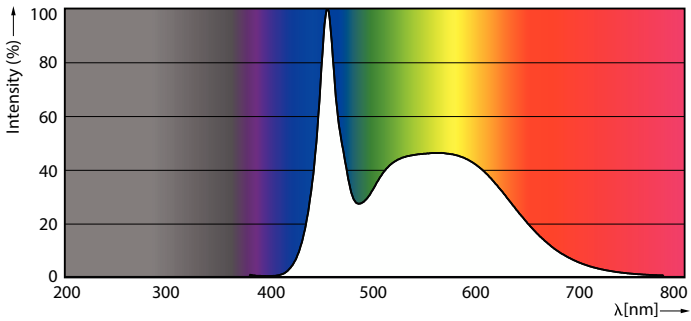

Product	D	C
Corepro LEDspot 550lm GU10 865 120D	50 mm	54 mm

Photometric data
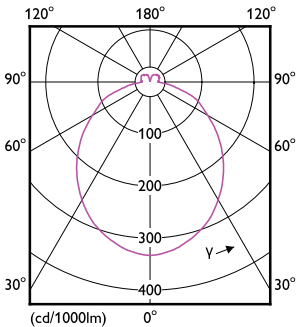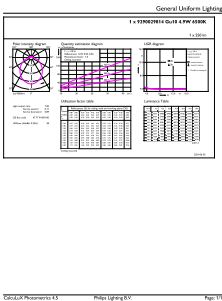
General uniform lighting – Corepro LEDspot 550lm GU10 865 120D

Light Distribution Diagram – Corepro LEDspot 550lm GU10 865 120D

Spectral Power Distribution Colour – Corepro LEDspot 550lm GU10 865 120D

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Lifetime

Life Expectancy Diagram – Corepro LEDspot 550lm GU10 865 120D

Lumen Maintenance Diagram – Corepro LEDspot 550lm GU10 865 120D