CorePro LEDspot MV

Corepro LEDspot 4.6-50W GU10 840 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. These GU10 LED spot lights are compatible with most existing fixtures with a GU10 LED base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver significant energy savings and minimize maintenance costs.

Product data

General Information

Cap-Base	GU10 [GU10]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Brand	Philips

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	390 lumen
Luminous Intensity (Nom)	770 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	84.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)

Luminous Flux in 90° Cone (Rated)	390 lumen

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.6 W
Lamp Current (Nom)	39 mA
Wattage Equivalent	50 W
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)	72 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]

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Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391,859

Product Data

Full product code	871869672839000
Order product name	Corepro LEDspot 4.6–50W GU10 840 36D
Order code	929001218202

Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material number (12NC)	929001218202
Net weight	0.045 kg
Full product name	Corepro LEDspot 4.6–50W GU10 840 36D
EAN/UPC – Case	8718696728406

Dimensional drawing
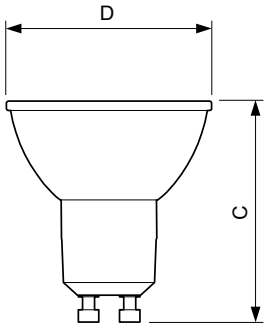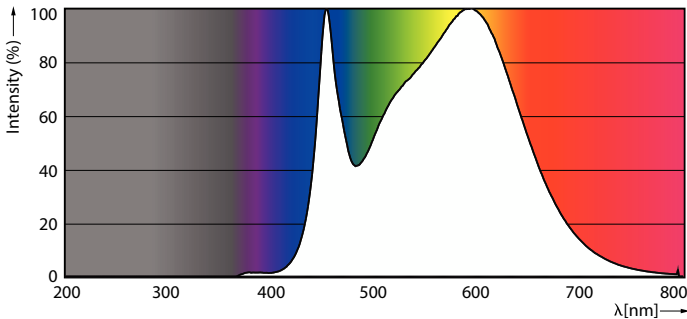

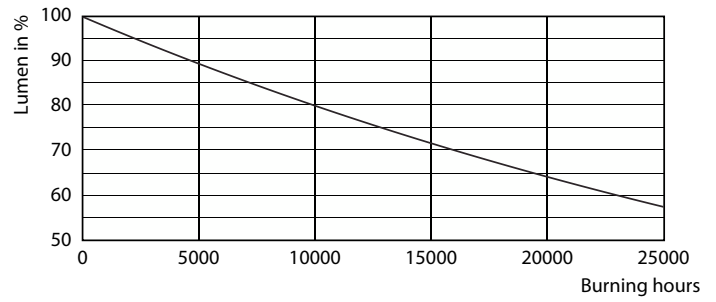| Product	D	C
Corepro LEDspot 4.6–50W GU10 840 36D	50 mm	54 mm

Photometric data
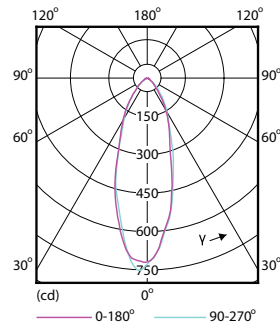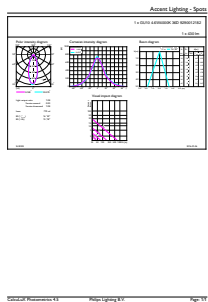
Light Distribution Diagram – Corepro LEDspot 4.6–50W GU10 840 36D

Spectral Power Distribution Colour

CorePro LEDspot MV

Lifetime

Life Expectancy Diagram – Corepro LEDspot 4.6–50W GU10 840 36D

Lumen Maintenance Diagram – Corepro LEDspot 4.6–50W GU10 840 36D

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2023, April 17 – data subject to change