CorePro LED spot MV

CorePro LEDspot 4.9-65W GU10 830 36D ND

CorePro, LED, PAR16, 65 W, GU10, 3000 K, 460 lm, CRI 80, 15000 h

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
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone

Light Technical

Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	460 lm
Luminous intensity (nom.)	800 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	93.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	460 lm

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
Wattage equivalent	65 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.)	85 °C

Controls and Dimming

Dimmable	No

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Mechanical and Housing

Bulb shape	PAR16
Net Weight (Piece)	0.045 kg

Approval and Application

Energy Efficiency Class	E
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	1825197
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	–20 to +45 °C

Application Conditions

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Can it be used in closed luminaires	No

Product Data

Order product name	CorePro LEDspot 4.9–65W GU10 830 36D ND
Full product name	CorePro LEDspot 4.9–65W GU10 830 36D ND
Full EOC	871951430871800
Order code	929002981002
Material no. (12 NC)	929002981002
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514308718
Numerator – packs per outer box	10
EAN/UPC – Case	8719514308725

Dimensional drawing
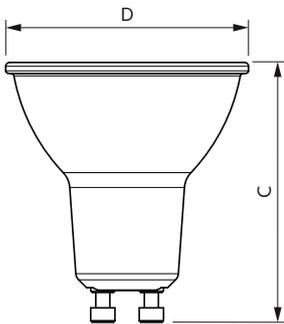
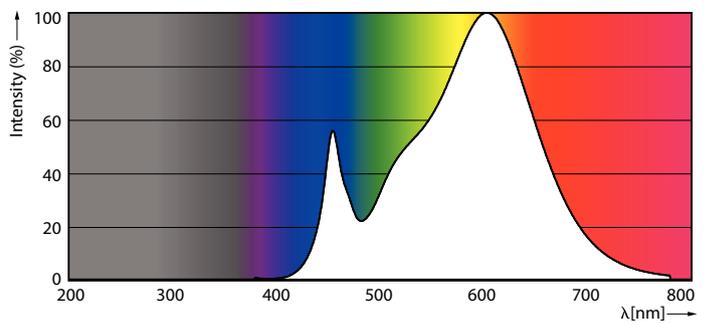| Product	D	C
CorePro LEDspot 4.9–65W GU10 830 36D ND	50 mm	54 mm

Photometric data
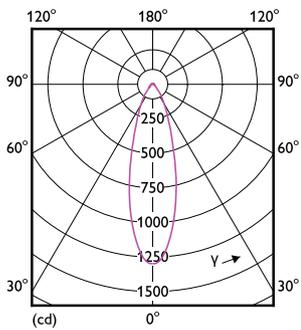
Light Distribution Diagram – CorePro LEDspot 4.9–65W GU10 830 36D ND

Spectral Power Distribution Colour – CorePro LEDspot 4.9–65W GU10 830 36D ND

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Photometric data

Accent Lighting Spots – CorePro LEDspot 4.9-65W GU10 830 36D ND

Lifetime

Life Expectancy Diagram

Lumen Maintenance Diagram – CorePro LEDspot 4.9-65W GU10 830 36D ND

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2023, April 15 – data subject to change