![Philips Lighting logo]

CorePro LEDspot MV

Corepro LEDspot 4.6-50W GU10 830 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.
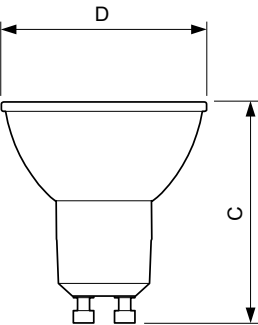
Product data

General Information

Cap-Base	GU10 [GU10]
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)	36 degree(s)
Luminous Flux	370 lumen
Luminous Intensity (Nom)	740 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	370 lumen

Operating and Electrical

Line Frequency	50 to 60 Hz

Input Frequency

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 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	PAR16 [PAR 2 inch/50mm]

Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	391,858

data subject to change

CorePro LEDspot MV

CE mark	Yes		**Numerator – Quantity Per Pack**	1
EU RoHS compliant	Yes		**Numerator – Packs per outer box**	10
			Material number (12NC)	929001218102
Product Data			**Full product name**	Corepro LEDspot 4.6-50W GU10 830 36D
Full product code	871869672837600		**EAN/UPC – Case**	8718696728383
Order product name	Corepro LEDspot 4.6-50W GU10 830 36D			
Order code	929001218102			

Dimensional drawing

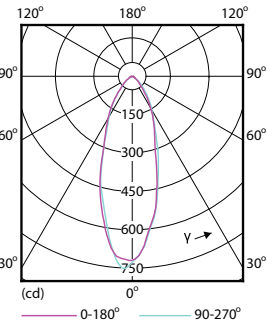| Product	D	C
Corepro LEDspot 4.6-50W GU10 830 36D	50 mm	54 mm

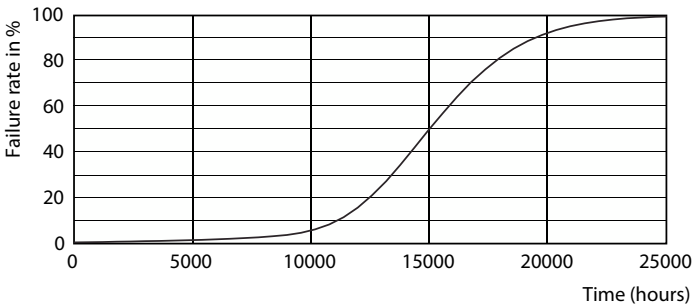## Photometric data
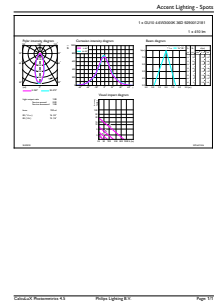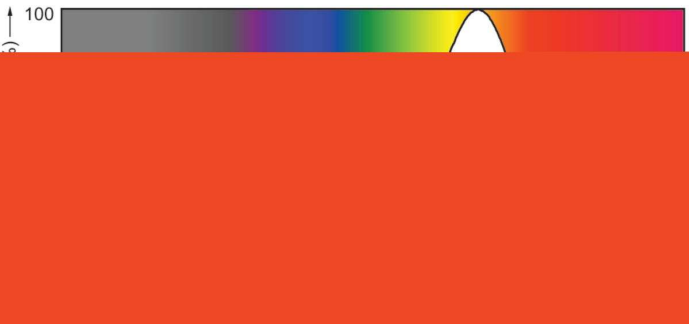
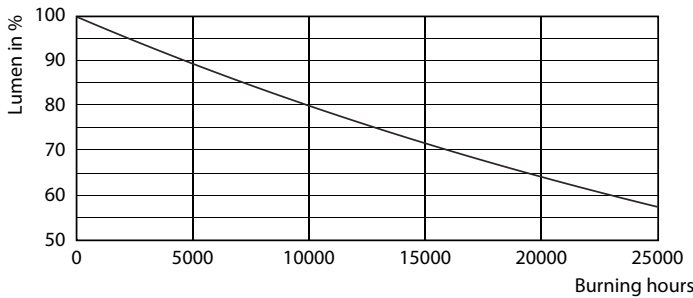Spectral Power Distribution Colour

Light Distribution Diagram - Corepro LEDspot 4.6-50W GU10 830 36D

CorePro LEDspot MV

Lifetime

Life Expectancy Diagram – Corepro LEDspot 4.6-50W GU10 830 36D

Lumen Maintenance Diagram – Corepro LEDspot 4.6-50W GU10 830 36D

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2023, May 16 – data subject to change