# **PHILIPS** Lighting



# **CorePro LEDspot MV**



# CoreProLEDspot 4-50W GU10 830 36D DIM UK

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		
Lighting Technology	LED	
Switching Cycle	50,000	
Nominal lifetime	15,000 h	
Cap base	GU10 [GU10]	
Light technical		
Colour Code	830 [CCT of 3000K]	
Beam angle (nom.)	36 degree(s)	
Luminous Flux	345 lm	
Luminous intensity (nom.)	700 cd	
Colour designation	White (WH)	
Correlated Colour Temperature	3000 K	
Luminous Efficacy (rated) (Nom)	86 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Luminous flux in 90° cone (rated)	345 lm	
Flickering value (PstLM)	1	
Stroboscopic effect	0.4	
Operating and electrical		
Line Frequency	50 to 60 Hz	

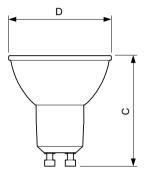
Input frequency	50 to 60 Hz	
Power Consumption	4 W	
Lamp current (nom.)	23 mA	
Wattage equivalent	50 W	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.84	
Voltage (nom.)	220-240 V	
Temperature		
T-Case maximum (nom.)	70 °C	
Controls and dimming		
Dimmable	Yes	
Mechanical and housing		
Bulb shape	PAR16 [PAR 2 inch/50 mm]	
Approval and application		
Energy Efficiency Class	F	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	4 kWh	
EPREL registration number	391911	

# CorePro LEDspot MV

EU RoHS compliant	Yes
Product data	
Full EOC	871951435883601
Order product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK
Order code	35883601
SAP numerator – quantity per pack	1

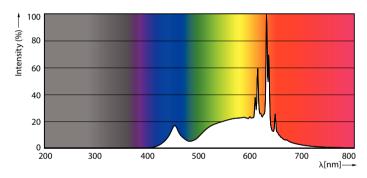
Numerator – packs per outer box	10	
Material number (12NC)	929002068399	
Full product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK	
EAN/UPC - Case	8719514405622	

### Dimensional drawing

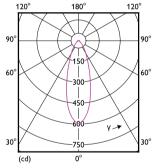


Product	D	с
CoreProLEDspot 4-50W GU10 830 36D DIM UK	50 mm	54 mm

#### Photometric data



Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 830 36D DIM UK



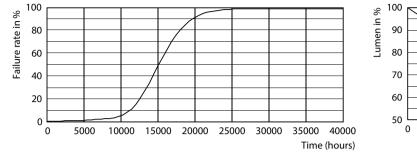
Light Distribution Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK

	1 × 9270820683 3890K 4W
 	1 x 20 ks

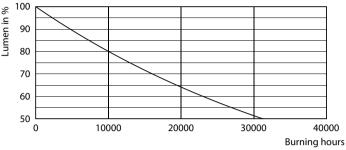
Accent Lighting Spots - CoreProLEDspot 4-50W GU10 830 36D DIM UK

## **CorePro LEDspot MV**

#### Lifetime



Life Expectancy Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK



Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK



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