



The affordable LEDspot solution

CorePro LEDspot MV

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.

Benefits

- Warm white light
- Up to 80% energy saving compared with halogen lamps
- Lower maintenance costs
- Broad compatibility with transformers

Features

- Easy retrofit
- Lifetime of 15,000 hours
- Compatible with an extensive range of dimmers
- UV- and IR-free light
- Free of mercury and hazardous materials

Application

- Hotels, restaurants, bars, cafés, museums, shops
- Lobbies, corridors, stairwells, washrooms, reception areas , exhibitions, display cabinets

CorePro LEDspot MV

Versions

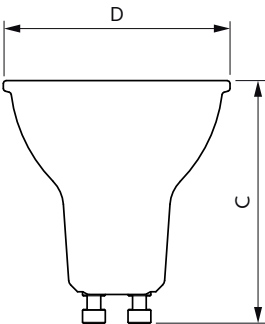
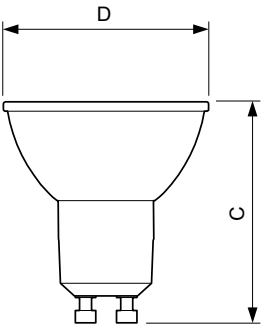


CorePro LEDspot MV 25W GU10 830 36D



LEDspots MV PAR16 GU10

Dimensional drawing



Product	D	C
Essential LED 4.6-50W GU10 865 36D	50 mm	54 mm

Product	D	C
Corepro LEDspot 670lm GU10 830 60D	50 mm	54 mm
Corepro LEDspot 730lm GU10 840 60D	50 mm	54 mm

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General Information	
Cap-Base	GU10
Switching Cycle	50,000
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16

General Information

Order Code	Full Product Name	Nominal lifetime
76161800	Essential LED 4.6-50W GU10 865 36D	15,000 hour(s)
81333101	Corepro LEDspot 670lm GU10 830 60D	25,000 hour(s)
81335501	Corepro LEDspot 730lm GU10 840 60D	25,000 hour(s)

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
76161800	Essential LED 4.6-50W GU10 865 36D	36 degree(s)	6500 K	865	430 lm
81333101	Corepro LEDspot 670lm GU10 830 60D	60 degree(s)	3000 K	830	670 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
81335501	Corepro LEDspot 730lm GU10 840 60D	60 degree(s)	4000 K	840	730 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
76161800	Essential LED 4.6-50W GU10 865 36D	770 cd
81333101	Corepro LEDspot 670lm GU10 830 60D	750 cd

Order Code	Full Product Name	Luminous Intensity (Nom)
81335501	Corepro LEDspot 730lm GU10 840 60D	750 cd

Operating and Electrical

Order Code	Full Product Name	Wattage	
		Power Consumption	Equivalent
76161800	Essential LED 4.6-50W GU10 865 36D	4.6 W	50 W
81333101	Corepro LEDspot 670lm GU10 830 60D	6.7 W	90 W

Order Code	Full Product Name	Wattage	
		Power Consumption	Equivalent
81335501	Corepro LEDspot 730lm GU10 840 60D	6.7 W	100 W

Temperature

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Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
76161800	Essential LED 4.6-50W GU10 865 36D	-20 °C to 45 °C	80 °C
81333101	Corepro LEDspot 670lm GU10 830 60D	-	75 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
81335501	Corepro LEDspot 730lm GU10 840 60D	-	75 °C

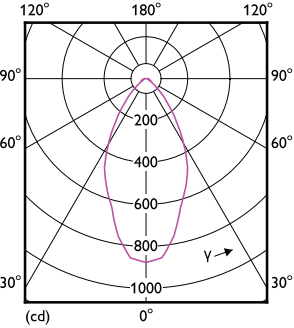
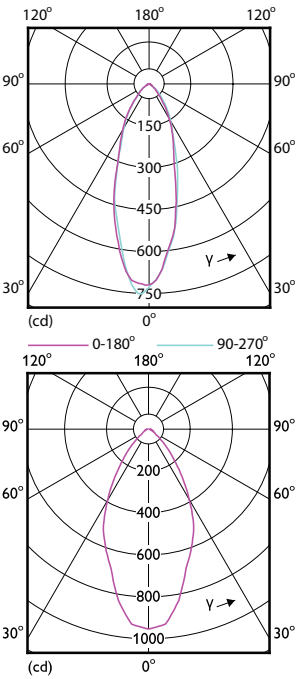
Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
76161800	Essential LED 4.6-50W GU10 865 36D	Clear
81333101	Corepro LEDspot 670lm GU10 830 60D	-

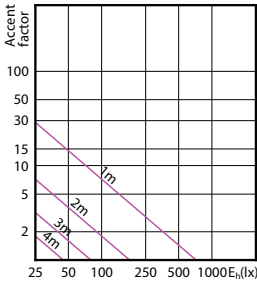
Order Code	Full Product Name	Bulb Finish
81335501	Corepro LEDspot 730lm GU10 840 60D	-

Approval and Application

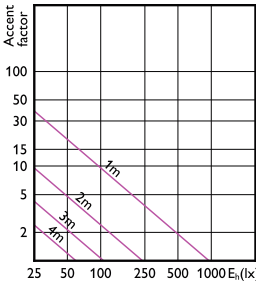
Order Code	Full Product Name	Energy Consumption kWh/1000 h
76161800	Essential LED 4.6-50W GU10 865 36D	-
81333101	Corepro LEDspot 670lm GU10 830 60D	7 kWh
81335501	Corepro LEDspot 730lm GU10 840 60D	7 kWh



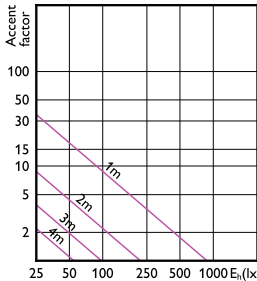
Accent Diagrams



Accent Diagram - Essential LED 4.6-50W GU10
865 36D

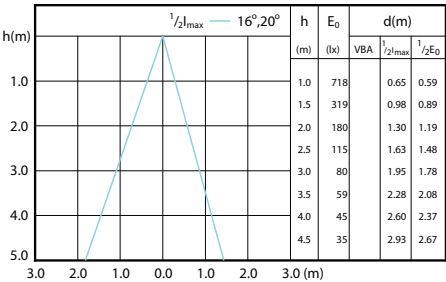


Accent Diagram - Corepro LEDspot 730lm GU10
840 60D

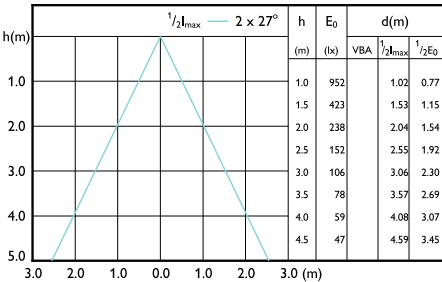


Accent Diagram - Corepro LEDspot 670lm GU10
830 60D

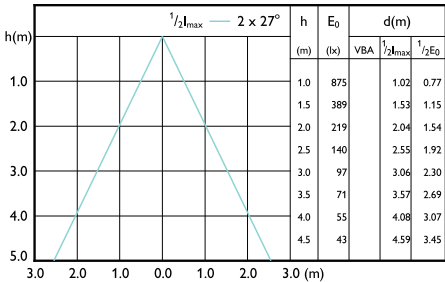
Beam Diagrams



Beam diagram - Essential LED 4.6-50W GU10
865 36D



Beam diagram - Corepro LEDspot 730lm GU10
840 60D



Beam diagram - Corepro LEDspot 670lm GU10
830 60D

