



For your everyday lighting jobs, CorePro LEDspot mv is the perfect fit for spot lighting GU10 and deliver warm halogen-like light

CorePro LEDspot MV

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.

Benefits

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

CorePro LEDspot MV

Features

- Easy retrofit
- Lifetime of 15,000 hours
- Compatible with an extensive range of dimmers
- UV- and IR-free light
- Contain no mercury and hazardous materials – RoHS compliant

Application

- Hospitality
- Retail
- Residential

Versions

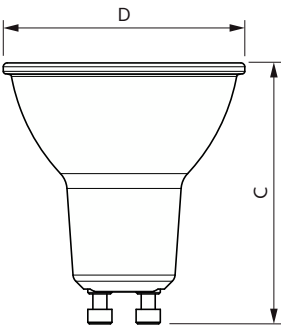
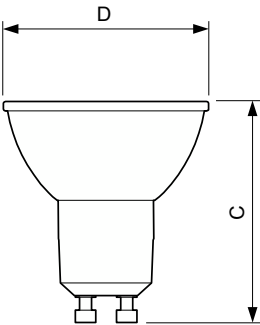


PAR16 GU10



CLA LEDspotMV ND 5W PAR16 GU10

Dimensional drawing



Product	D	C
CorePro LEDspot 4-50W GU10 827 36D DIM	50 mm	54 mm
CorePro LEDspot 4-50W GU10 830 36D DIM	50 mm	54 mm
CorePro LEDspot 4-50W GU10 840 36D DIM	50 mm	54 mm
Corepro LEDspot 4.6-50W GU10 830 36D	50 mm	54 mm
Corepro LEDspot 4.6-50W GU10 840 36D	50 mm	54 mm
Corepro LEDspot 4.6-50W GU10 865 36D	50 mm	54 mm
Essential LED 4.6-50W GU10 865 36D	50 mm	54 mm

Product	D	C
Corepro LEDspot 550lm GU10 830 120D	50 mm	54 mm
Corepro LEDspot 550lm GU10 840 120D	50 mm	54 mm
Corepro LEDspot 550lm GU10 865 120D	50 mm	54 mm

CorePro LEDspot MV

General Information	
Cap-Base	GU10
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
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
Mechanical and Housing	
Bulb Shape	PAR16

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	36 degree(s)	2700 K	827	345 lm
929002981202	Corepro LEDspot 550lm GU10 830 120D	120 degree(s)	3000 K	830	550 lm
929002981302	Corepro LEDspot 550lm GU10 840 120D	120 degree(s)	4000 K	840	550 lm
929002981402	Corepro LEDspot 550lm GU10 865 120D	120 degree(s)	6500 K	865	550 lm
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	36 degree(s)	4000 K	840	350 lm
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	36 degree(s)	3000 K	830	345 lm
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	36 degree(s)	3000 K	830	370 lm
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	36 degree(s)	4000 K	840	390 lm
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	36 degree(s)	6500 K	865	390 lm
929001218308	Essential LED 4.6-50W GU10 865 36D	36 degree(s)	6500 K	865	430 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	700 cd
929002981202	Corepro LEDspot 550lm GU10 830 120D	-
929002981302	Corepro LEDspot 550lm GU10 840 120D	-
929002981402	Corepro LEDspot 550lm GU10 865 120D	-
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	700 cd

Order Code	Full Product Name	Luminous Intensity (Nom)
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	700 cd
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	740 cd
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	770 cd
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	770 cd
929001218308	Essential LED 4.6-50W GU10 865 36D	770 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	4 W	50 W
929002981202	Corepro LEDspot 550lm GU10 830 120D	4.9 W	-
929002981302	Corepro LEDspot 550lm GU10 840 120D	4.9 W	-
929002981402	Corepro LEDspot 550lm GU10 865 120D	4.9 W	-
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	4 W	50 W

Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	4 W	50 W
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	4.6 W	50 W
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	4.6 W	50 W
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	4.6 W	50 W
929001218308	Essential LED 4.6-50W GU10 865 36D	4.6 W	50 W

Temperature

CorePro LEDspot MV

Order Code	Full Product Name	T-Case Maximum (Nom)
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	70 °C
929002981202	Corepro LEDspot 550lm GU10 830 120D	85 °C
929002981302	Corepro LEDspot 550lm GU10 840 120D	85 °C
929002981402	Corepro LEDspot 550lm GU10 865 120D	85 °C
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	70 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	Only with specific dimmers
929002981202	Corepro LEDspot 550lm GU10 830 120D	No
929002981302	Corepro LEDspot 550lm GU10 840 120D	No
929002981402	Corepro LEDspot 550lm GU10 865 120D	No
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	Only with specific dimmers

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	-
929002981202	Corepro LEDspot 550lm GU10 830 120D	-
929002981302	Corepro LEDspot 550lm GU10 840 120D	-
929002981402	Corepro LEDspot 550lm GU10 865 120D	-
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	-

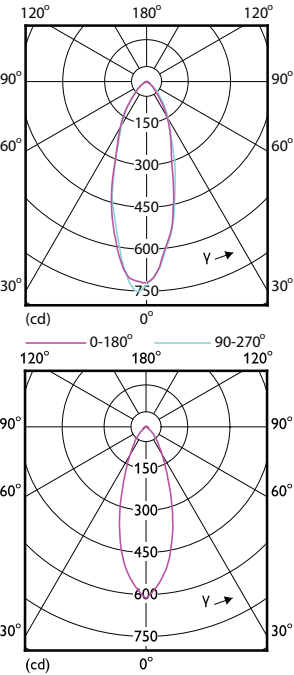
Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	-	4 kWh
929002981202	Corepro LEDspot 550lm GU10 830 120D	-	5 kWh
929002981302	Corepro LEDspot 550lm GU10 840 120D	-	5 kWh
929002981402	Corepro LEDspot 550lm GU10 865 120D	-	5 kWh
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	-	4 kWh
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	-	4 kWh
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	-	5 kWh
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	-	5 kWh
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	-	5 kWh
929001218308	Essential LED 4.6-50W GU10 865 36D	-20 °C to 45 °C	-

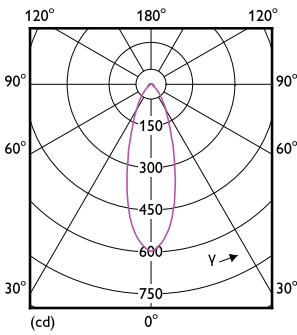
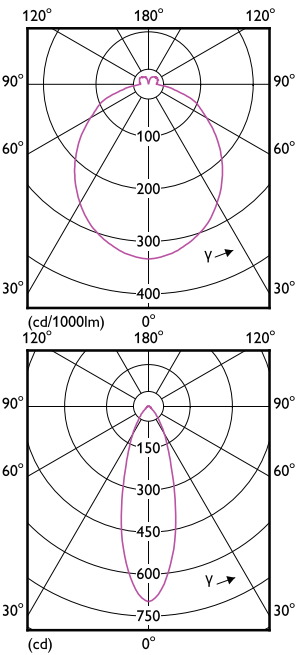
Order Code	Full Product Name	T-Case Maximum (Nom)
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	70 °C
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	72 °C
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	72 °C
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	72 °C
929001218308	Essential LED 4.6-50W GU10 865 36D	80 °C

Order Code	Full Product Name	Dimmable
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	Only with specific dimmers
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	No
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	No
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	No
929001218308	Essential LED 4.6-50W GU10 865 36D	No

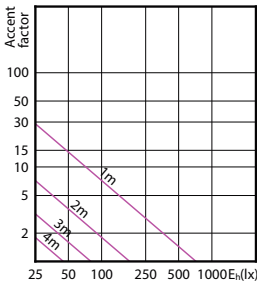
Order Code	Full Product Name	Bulb Finish
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	-
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	-
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	-
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	-
929001218308	Essential LED 4.6-50W GU10 865 36D	Clear



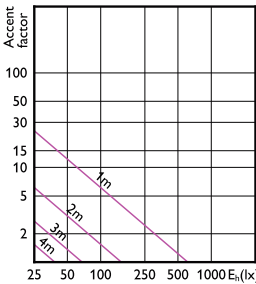
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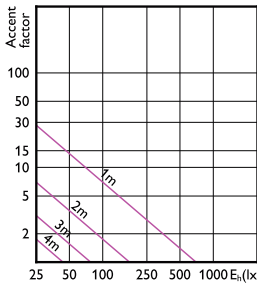
Accent Diagrams



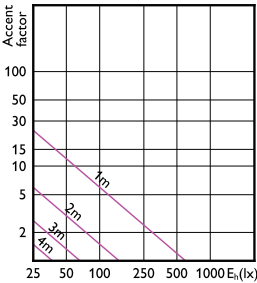
Accent Diagram - Essential LED 4.6-50W GU10 865 36D



Accent Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM

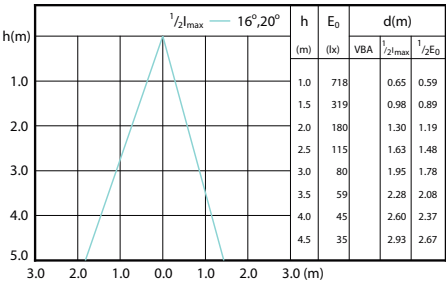


Accent Diagram - CorePro LEDspot 4-50W GU10 840 36D DIM

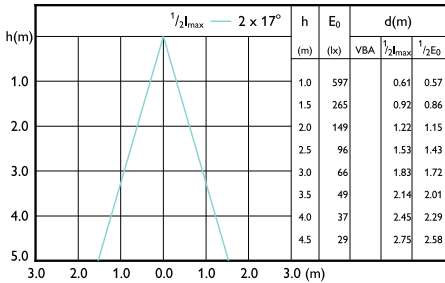


Accent Diagram - CorePro LEDspot 4-50W GU10 830 36D DIM

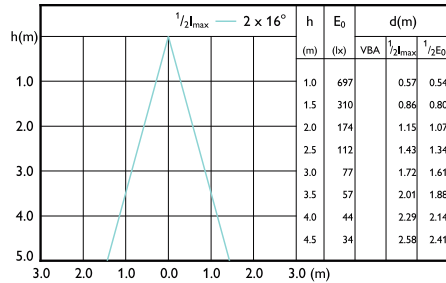
Beam Diagrams



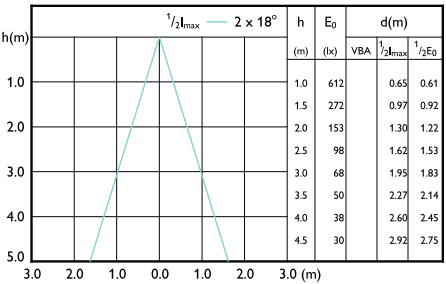
Beam diagram - Essential LED 4.6-50W GU10
865 36D



Beam diagram - CorePro LEDspot 4-50W GU10
830 36D DIM



Beam diagram - CorePro LEDspot 4-50W GU10
840 36D DIM



Beam diagram - CorePro LEDspot 4-50W GU10
827 36D DIM

