



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

### Features

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

# CorePro LEDspot MV

## Application

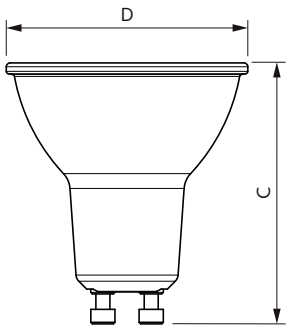
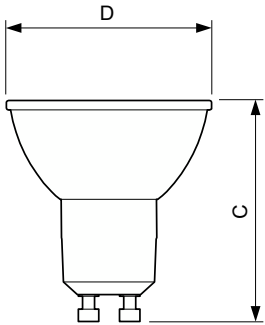
- Hotels, restaurants, bars, cafés, museums, shops
- Hotels, restaurants, bars, cafés, museums, shops
- Lobbies, corridors, stairwells, washrooms, reception areas , exhibitions, display cabinets
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## Versions



CorePro LEDspot MV 25W GU10 830 36D

## 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
CoreProLEDspot 4-50W GU10 865 36D DIM UK	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

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
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## 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
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	36 degree(s)	6500 K	865	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

## Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)	Order Code	Full Product Name	Luminous Intensity (Nom)
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	700 cd	929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	700 cd
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	700 cd	929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	700 cd
929002981202	Corepro LEDspot 550lm GU10 830 120D	-	929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	740 cd
929002981302	Corepro LEDspot 550lm GU10 840 120D	-	929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	770 cd
929002981402	Corepro LEDspot 550lm GU10 865 120D	-	929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	770 cd

## Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage Equivalent	Order Code	Full Product Name	Power Consumption	Wattage Equivalent
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	4 W	50 W	929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	4 W	50 W
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	4 W	50 W	929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	4 W	50 W
929002981202	Corepro LEDspot 550lm GU10 830 120D	4.9 W	-	929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	4.6 W	50 W
929002981302	Corepro LEDspot 550lm GU10 840 120D	4.9 W	-	929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	4.6 W	50 W
929002981402	Corepro LEDspot 550lm GU10 865 120D	4.9 W	-	929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	4.6 W	50 W

## Temperature

## CorePro LEDspot MV

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	-	70 °C
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	-20 °C to 45 °C	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

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	-	70 °C
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

### Controls and Dimming

Order Code	Full Product Name	Dimmable
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	Only with specific dimmers
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	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

Order Code	Full Product Name	Dimmable
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	Only with specific dimmers
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

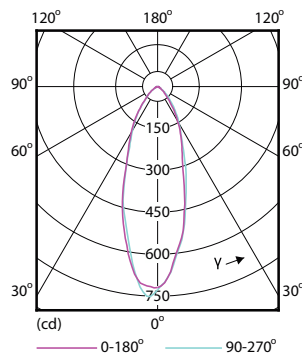
### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	-
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	Clear
929002981202	Corepro LEDspot 550lm GU10 830 120D	-
929002981302	Corepro LEDspot 550lm GU10 840 120D	-
929002981402	Corepro LEDspot 550lm GU10 865 120D	-

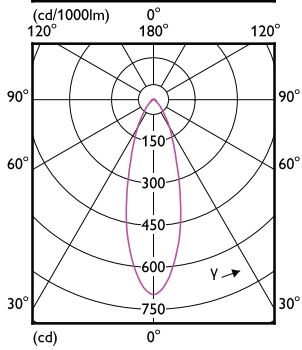
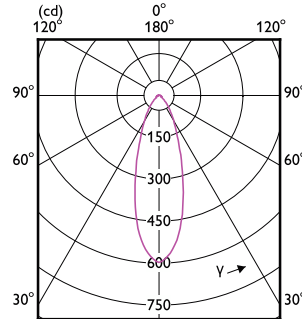
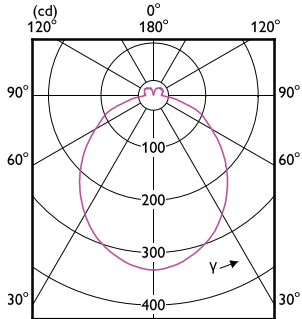
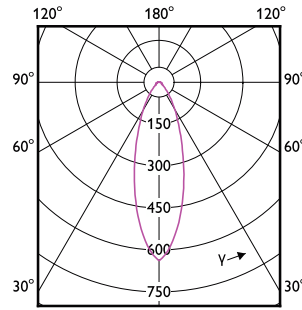
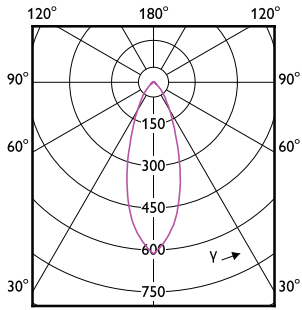
Order Code	Full Product Name	Bulb Finish
929002065802	CorePro LEDspot 4-50W GU10 840 36D DIM	-
929002068302	CorePro LEDspot 4-50W GU10 830 36D DIM	-
929001218102	Corepro LEDspot 4.6-50W GU10 830 36D	-
929001218202	Corepro LEDspot 4.6-50W GU10 840 36D	-
929001218302	Corepro LEDspot 4.6-50W GU10 865 36D	-

### Approval and Application

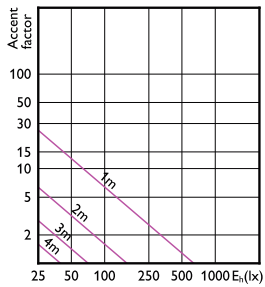
Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002495902	CorePro LEDspot 4-50W GU10 827 36D DIM	4 kWh
929003562499	CoreProLEDspot 4-50W GU10 865 36D DIM UK	4 kWh
929002981202	Corepro LEDspot 550lm GU10 830 120D	5 kWh
929002981302	Corepro LEDspot 550lm GU10 840 120D	5 kWh
929002981402	Corepro 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



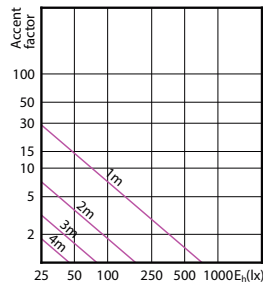
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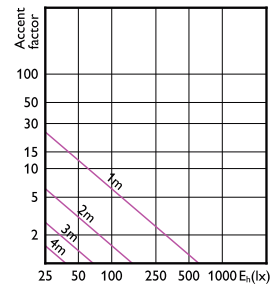
## Accent Diagrams



Accent Diagram - CoreProLEDspot 4-50W GU10 865 36D DIM UK



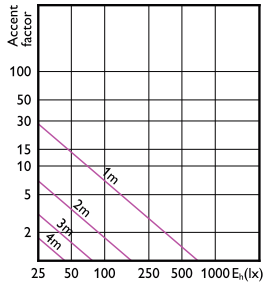
Accent Diagram - Corepro LEDspot 4.6-50W GU10 830 36D



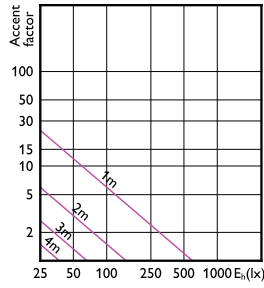
Accent Diagram - CorePro LEDspot 4-50W GU10 827 36D DIM

# CorePro LEDspot MV

## Accent Diagrams

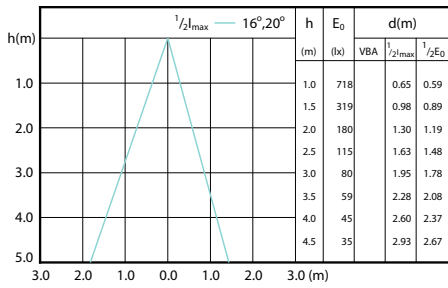


Accent Diagram - CorePro LEDspot 4-50W  
GU10 840 36D DIM

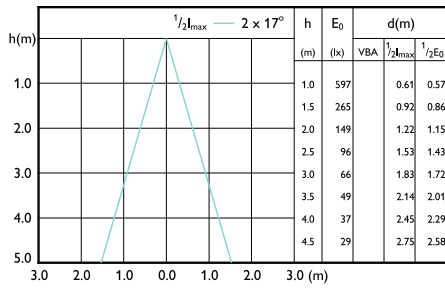


Accent Diagram - CorePro LEDspot 4-50W  
GU10 830 36D DIM

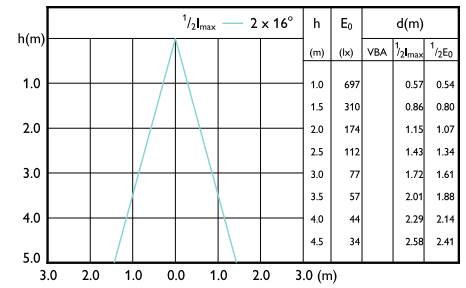
## Beam Diagrams



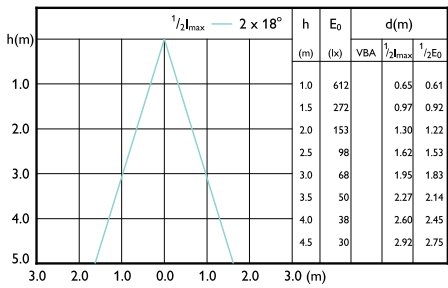
Beam diagram - CorePro LEDspot 4.6-50W  
GU10 830 36D



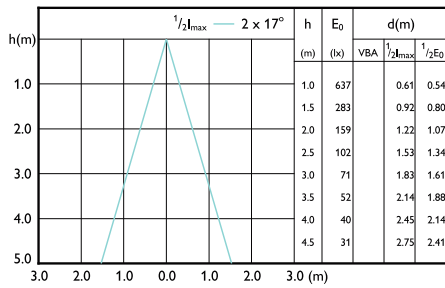
Beam diagram - CorePro LEDspot 4-50W GU10  
830 36D DIM



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



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



Beam diagram - CorePro LEDspot 4-50W GU10  
865 36D DIM UK

## CorePro LEDspot MV

