



# The affordable LEDspot solution

## CorePro LEDspot LV

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders 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 25,000 to 45,000 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

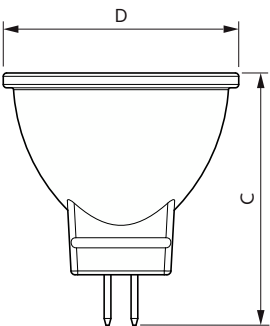
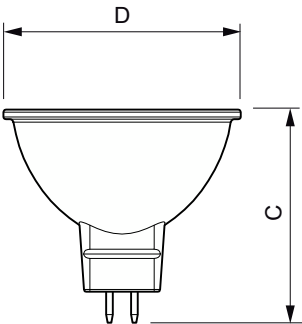
# CorePro LEDspot LV

## Versions



LEDspot GU4 Classic MR11

## Dimensional drawing



Product	D	C
CorePro LED spot ND 7-50W MR16 827 36D	50.5 mm	45 mm
CorePro LED spot ND 7-50W MR16 830 36D	50.5 mm	45 mm
CorePro LED spot ND 7-50W MR16 840 36D	50.5 mm	45 mm
CorePro LED spot ND4.4-35W MR16 827 36DUK	50.5 mm	45.5 mm
CorePro LED spot ND4.4-35W MR16 840 36DUK	50.5 mm	45.5 mm

Product	D	C
CorePro LED spot 2.3-20W 827 MR11 36D	35.5 mm	39.5 mm

CorePro LEDspot LV

General Information	
Switching Cycle	50,000
Light Technical	
Beam angle (nom.)	36 degree(s)
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	- Hz
Line Frequency	- Hz
Starting time (nom.)	0.5 s
Controls and Dimming	
Dimmable	No

General Information

Order Code	Full Product Name	Cap base	Nominal lifetime
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	GU5.3	15,000 h
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	GU5.3	15,000 h
81471000	CorePro LED spot ND 7-50W MR16 827 36D	GU5.3	15,000 h
81477200	CorePro LED spot ND 7-50W MR16 830 36D	GU5.3	15,000 h
81479600	CorePro LED spot ND 7-50W MR16 840 36D	GU5.3	15,000 h
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	GU4	25,000 h

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature	Colour Code	Luminous Flux	Luminous intensity (nom.)
		(Nom)			
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	2700 K	827	345 lm	650 cd
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	4000 K	840	390 lm	750 cd
81471000	CorePro LED spot ND 7-50W MR16 827 36D	2700 K	827	621 lm	1,400 cd

Order Code	Full Product Name	Correlated Colour Temperature	Colour Code	Luminous Flux	Luminous intensity (nom.)
		(Nom)			
81477200	CorePro LED spot ND 7-50W MR16 830 36D	3000 K	830	621 lm	1,400 cd
81479600	CorePro LED spot ND 7-50W MR16 840 36D	4000 K	840	660 lm	1,500 cd
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	2700 K	827	184 lm	400 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage equivalent
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	4.4 W	35 W
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	4.4 W	35 W
81471000	CorePro LED spot ND 7-50W MR16 827 36D	7 W	50 W

Order Code	Full Product Name	Power Consumption	Wattage equivalent
81477200	CorePro LED spot ND 7-50W MR16 830 36D	7 W	50 W
81479600	CorePro LED spot ND 7-50W MR16 840 36D	7 W	50 W
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	2.3 W	20 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	85 °C
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	85 °C
81471000	CorePro LED spot ND 7-50W MR16 827 36D	85 °C

Order Code	Full Product Name	T-Case maximum (nom.)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	85 °C
81479600	CorePro LED spot ND 7-50W MR16 840 36D	85 °C
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	60 °C

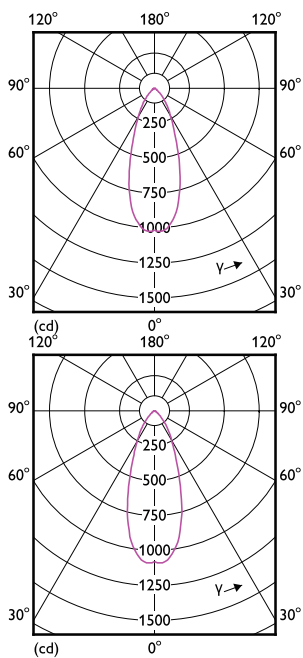
Mechanical and Housing

# CorePro LEDspot LV

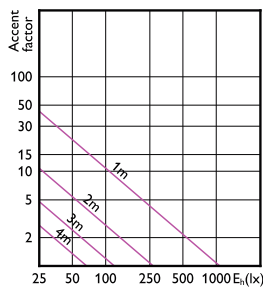
Order Code	Full Product Name	Lamp Finish	Bulb shape
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	-	MR16
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	-	MR16
81471000	CorePro LED spot ND 7-50W MR16 827 36D	-	MR16

## Approval and Application

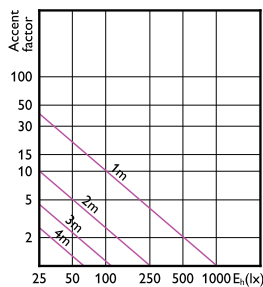
Order Code	Full Product Name	Energy consumption kWh/1,000 hours
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	5 kWh
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	5 kWh
81471000	CorePro LED spot ND 7-50W MR16 827 36D	7 kWh
81477200	CorePro LED spot ND 7-50W MR16 830 36D	7 kWh
81479600	CorePro LED spot ND 7-50W MR16 840 36D	7 kWh
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	3 kWh



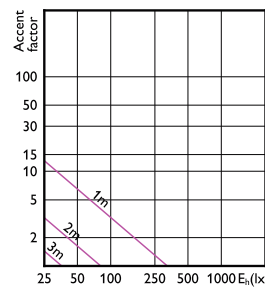
## Accent Diagrams



Accent Diagram - CorePro LED spot ND 7-50W  
MR16 840 36D

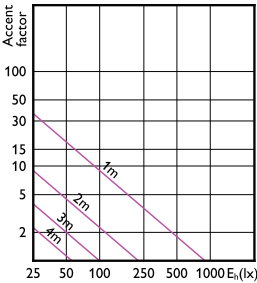


Accent Diagram - CorePro LED spot ND 7-50W  
MR16 830 36D

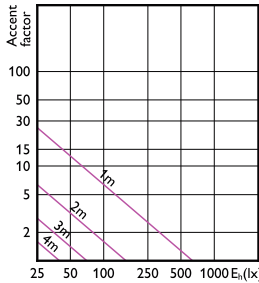


Accent Diagram - CorePro LED spot 2.3-20W  
827 MR11 36D

Accent Diagrams

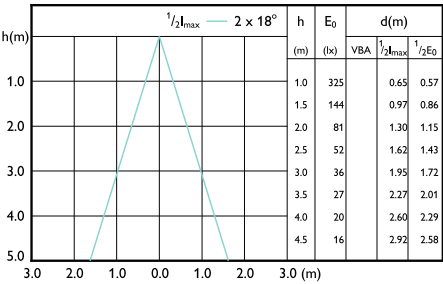


Accent Diagram - CorePro LED spot  
ND4.4-35WMR16 840 36DUK

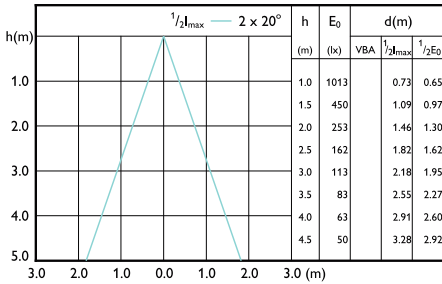


Accent Diagram - CorePro LED spot  
ND4.4-35WMR16 827 36DUK

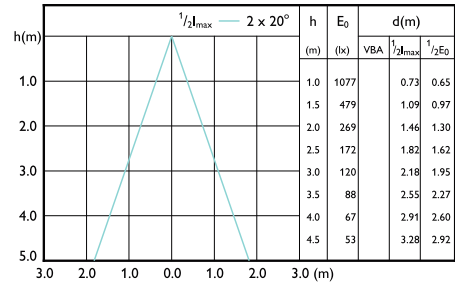
Beam Diagrams



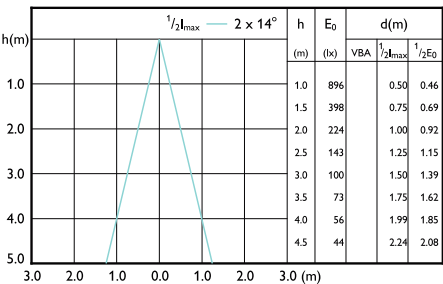
Beam diagram - CorePro LED spot 2.3-20W 827  
MR11 36D



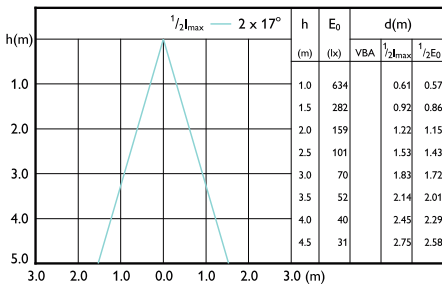
Beam diagram - CorePro LED spot ND 7-50W  
MR16 830 36D



Beam diagram - CorePro LED spot ND 7-50W  
MR16 840 36D



Beam diagram - CorePro LED spot  
ND4.4-35WMR16 840 36DUK



Beam diagram - CorePro LED spot  
ND4.4-35WMR16 827 36DUK

