



# 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

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## Versions



CorePro LEDspot LV 35W GU5-3  
827 36D ND



MASTER LEDspot LV 35W GU5-3  
827 36D VLE

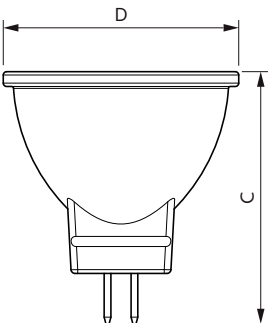
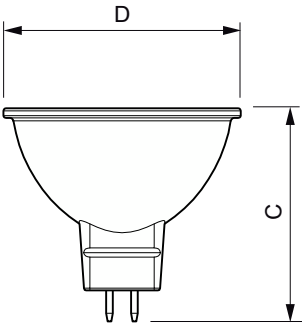


LEDspots Corepro SLR 2 MR16  
GU5,3



LEDspot GU4 Classic MR11

## Dimensional drawing



Product	D	C
CorePro LED spot ND 2.9-20W MR16 827 36D	50.5 mm	45.5 mm
CorePro LED spot ND 4.4-35W MR16 827 36D	50.5 mm	45.5 mm
CorePro LED spot ND 4.4-35W MR16 840 36D	50.5 mm	45.5 mm
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 LEDspot 4.4-35W MR16 827 36D 5CT	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)
Color 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
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	GU5.3	15,000 hour(s)
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	GU5.3	15,000 hour(s)
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	GU5.3	15,000 hour(s)
81471000	CorePro LED spot ND 7-50W MR16 827 36D	GU5.3	15,000 hour(s)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	GU5.3	15,000 hour(s)
81479600	CorePro LED spot ND 7-50W MR16 840 36D	GU5.3	15,000 hour(s)
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	GU5.3	15,000 hour(s)
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	GU4	25,000 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux	Luminous Intensity (Nom)
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	2700 K	827	345 lm	650 cd
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	2700 K	827	345 lm	650 cd
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	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 Color Temperature (Nom)	Color Code	Luminous Flux	Luminous Intensity (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
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	2700 K	827	230 lm	560 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
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	4.4 W	35 W
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	4.4 W	35 W
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	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
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	2.9 W	20 W
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	2.3 W	20 W

Temperature

## CorePro LEDspot LV

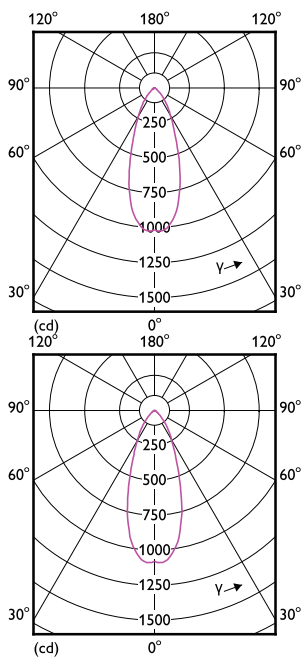
Order Code	Full Product Name	T-Case Maximum (Nom)
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	85 °C
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	85 °C
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	85 °C
81471000	CorePro LED spot ND 7-50W MR16 827 36D	85 °C

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	-	MR16
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	-	MR16
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	-	MR16
81471000	CorePro LED spot ND 7-50W MR16 827 36D	-	MR16

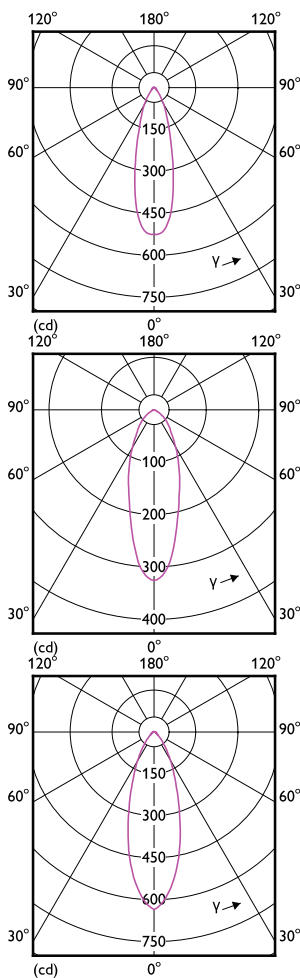
### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	5 kWh
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	5 kWh
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	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
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	3 kWh
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	3 kWh

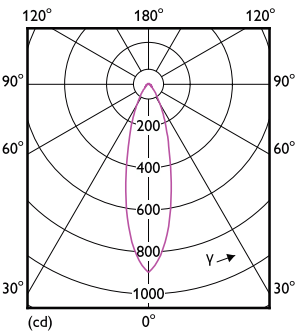


Order Code	Full Product Name	T-Case Maximum (Nom)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	85 °C
81479600	CorePro LED spot ND 7-50W MR16 840 36D	85 °C
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	75 °C
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	60 °C

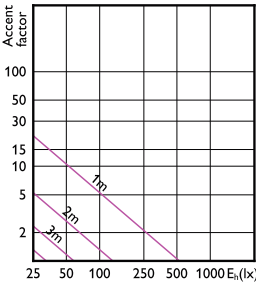
Order Code	Full Product Name	Bulb Finish	Bulb Shape
81477200	CorePro LED spot ND 7-50W MR16 830 36D	-	MR16
81479600	CorePro LED spot ND 7-50W MR16 840 36D	-	MR16
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	-	MR16
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	Clear	MR11



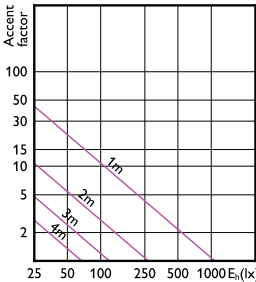
CorePro LEDspot LV



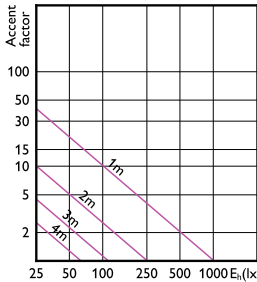
Accent Diagrams



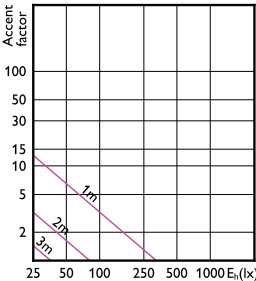
Accent Diagram - CorePro LED spot ND  
2.9-20W MR16 827 36D



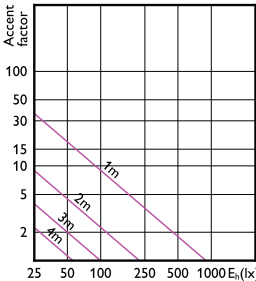
Accent Diagram - CorePro LED spot ND 7-50W  
MR16 840 36D



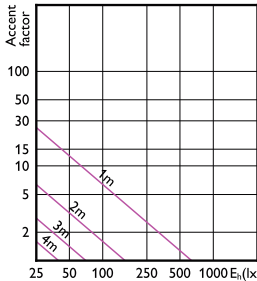
Accent Diagram - CorePro LED spot ND 7-50W  
MR16 827 36D



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

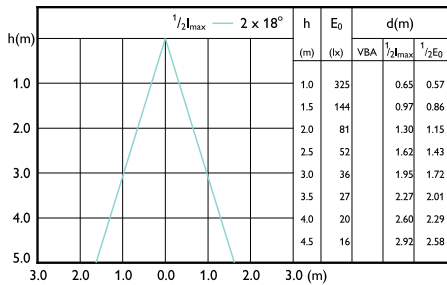


Accent Diagram - CorePro LED spot ND  
4.4-35W MR16 840 36D

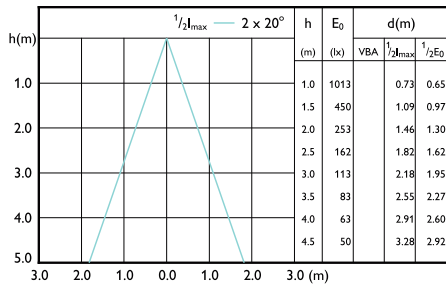


Accent Diagram - CorePro LED spot ND  
4.4-35W MR16 827 36D

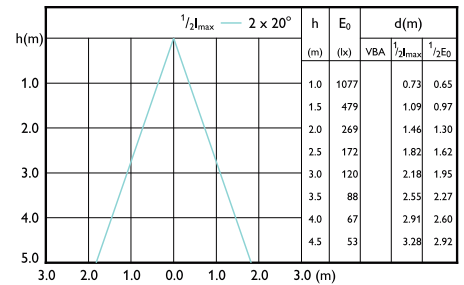
## Beam Diagrams



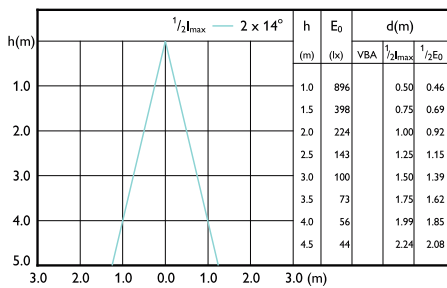
Beam diagram - CorePro LED spot 2.3-20W 827 MR11 36D



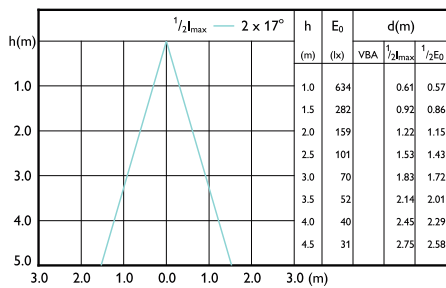
Beam diagram - CorePro LED spot ND 7-50W MR16 827 36D



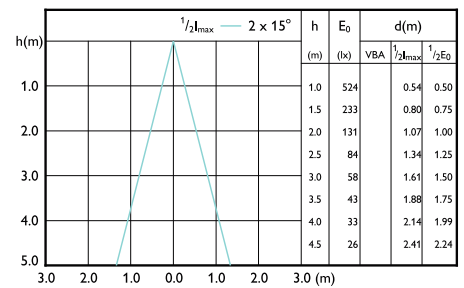
Beam diagram - CorePro LED spot ND 7-50W MR16 840 36D



Beam diagram - CorePro LED spot ND 4.4-35W MR16 840 36D



Beam diagram - CorePro LED spot ND 4.4-35W MR16 827 36D



Beam diagram - CorePro LED spot ND 2.9-20W MR16 827 36D

