



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

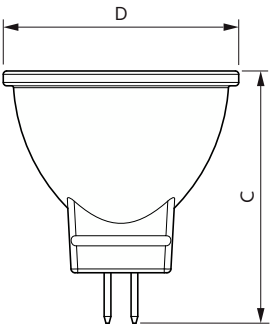
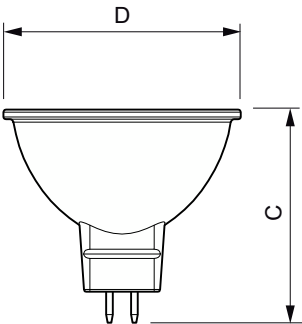
CorePro LEDspot LV

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

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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.)
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.)
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

Order Code	Full Product Name	Lamp Finish	Bulb shape
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	-	MR16

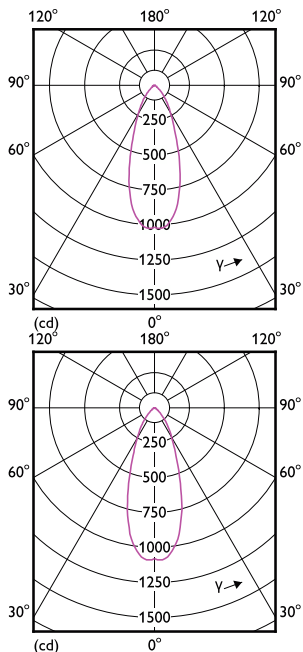
Order Code	Full Product Name	Lamp Finish	Bulb shape
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	-	MR16

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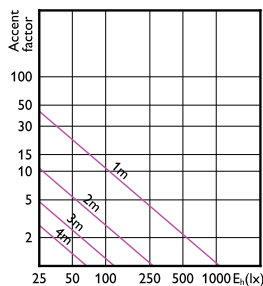
Order Code	Full Product Name	Lamp Finish	Bulb shape
81471000	CorePro LED spot ND 7-50W MR16 827 36D	-	MR16
81477200	CorePro LED spot ND 7-50W MR16 830 36D	-	MR16

Approval and Application

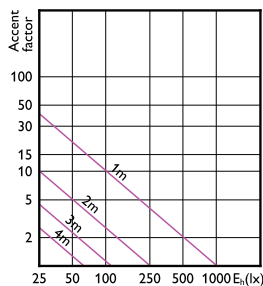
Order Code	Full Product Name	Energy consumption kWh/1,000 hours
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	5 kWh
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	5 kWh
81471000	CorePro LED spot ND 7-50W MR16 827 36D	7 kWh
81477200	CorePro LED spot ND 7-50W MR16 830 36D	7 kWh
81479600	CorePro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



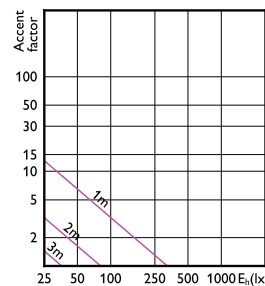
Accent Diagrams



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

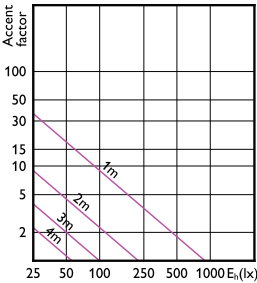


Accent Diagram - CorePro LED spot ND 7-50W
MR16 830 36D

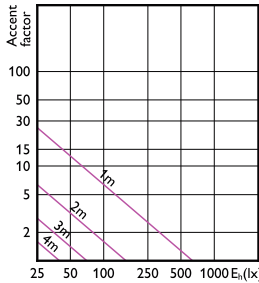


Accent Diagram - CorePro LED spot 2.3-20W
827 MR11 36D

Accent Diagrams

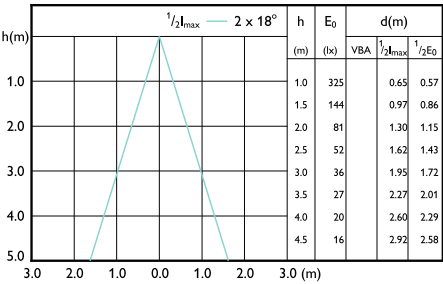


Accent Diagram - CorePro LED spot
ND4.4-35WMR16 840 36DUK

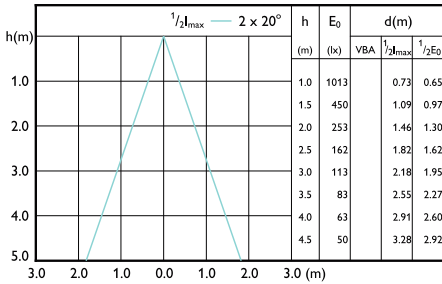


Accent Diagram - CorePro LED spot
ND4.4-35WMR16 827 36DUK

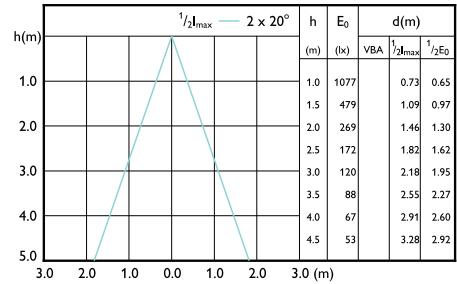
Beam Diagrams



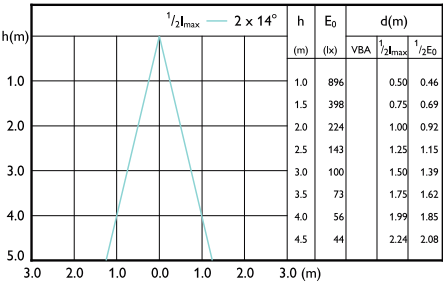
Beam diagram - CorePro LED spot 2.3-20W 827
MR11 36D



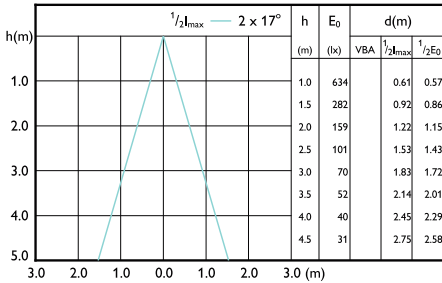
Beam diagram - CorePro LED spot ND 7-50W
MR16 830 36D



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

