



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

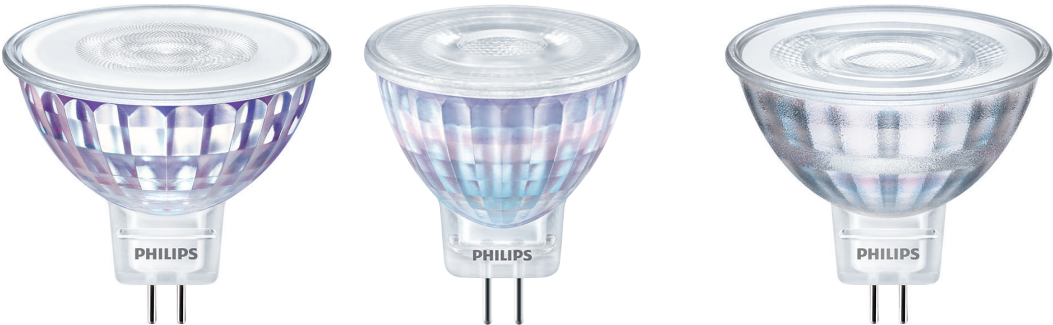
- Easy retrofit
- Lifetime of 25,000 to 45,000 hours
- Compatible with an extensive range of dimmers
- UV- and IR-free light
- Free of mercury and hazardous materials

Application

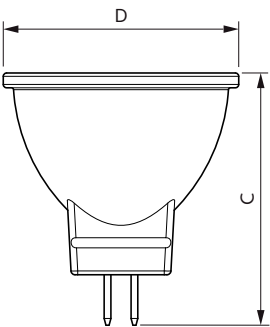
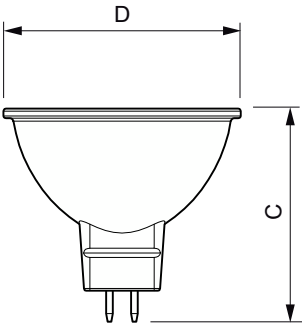
- Hotels, restaurants, bars, cafés, museums, shops
- Lobbies, corridors, stairwells, washrooms, reception areas , exhibitions, display cabinets

CorePro LEDspot LV

Versions



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

Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	~ Hz
Starting Time (Nom)	0.5 s
General Information	
Switching Cycle	50,000X
Light Technical	
Beam Angle (Nom)	36 °
Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
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

Order Code	Full Product Name	Energy Consumption kWh/1000 h
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	3 kWh
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	5 kWh
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	5 kWh

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage	Power
			Equivalent	(Nom)
81471000	CorePro LED spot ND 7-50W MR16 827 36D	12 V	50 W	7 W
81477200	CorePro LED spot ND 7-50W MR16 830 36D	12 V	50 W	7 W
81479600	CorePro LED spot ND 7-50W MR16 840 36D	12 V	50 W	7 W

Order Code	Full Product Name	Voltage (Nom)	Wattage	Power
			Equivalent	(Nom)
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	ac electronic 12 V	20 W	2.3 W
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	ac electronic 12 V	35 W	4.4 W
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	ac electronic 12 V	35 W	4.4 W

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime	
			(Nom)	
81471000	CorePro LED spot ND 7-50W MR16 827 36D	GU5.3	15000 h	
81477200	CorePro LED spot ND 7-50W MR16 830 36D	GU5.3	15000 h	
81479600	CorePro LED spot ND 7-50W MR16 840 36D	GU5.3	15000 h	
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	GU4	25000 h	

Order Code	Full Product Name	Cap-Base	Nominal Lifetime	
			(Nom)	
30706301	CorePro LED spot ND4.4-35WMR16 827 36DUK	GU5.3	15000 h	
30708701	CorePro LED spot ND4.4-35WMR16 840 36DUK	GU5.3	15000 h	

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	Luminous	
			Temperature (Nom)	Luminous Flux (Nom)	Intensity (Nom)
81471000	CorePro LED spot ND 7-50W MR16 827 36D	827	2700 K	621 lm	1400 cd

Order Code	Full Product Name	Colour Code	Correlated Colour	Luminous	
			Temperature (Nom)	Luminous Flux (Nom)	Intensity (Nom)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	830	3000 K	621 lm	1400 cd

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Order Code	Full Product Name	Correlated Colour		Luminous Flux (Nom)	Luminous Intensity (Nom)
		Code	Temperature (Nom)		
81479600	CorePro LED spot ND 7-50W MR16 840 36D	840	4000 K	660 lm	1500 cd
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	827	2700 K	184 lm	400 cd
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	827	2700 K	345 lm	650 cd

Order Code	Full Product Name	Correlated Colour		Luminous Flux (Nom)	Luminous Intensity (Nom)
		Code	Temperature (Nom)		
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	840	4000 K	390 lm	750 cd

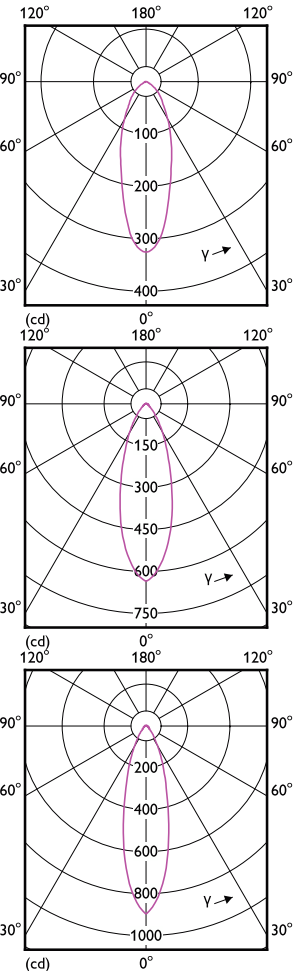
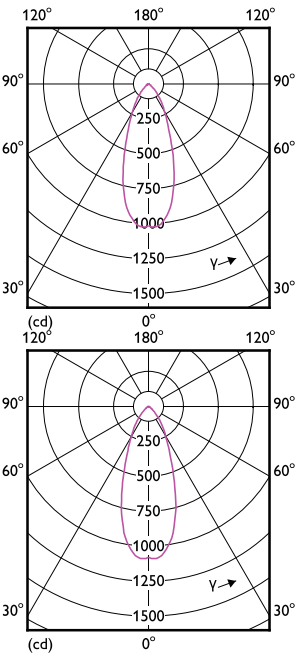
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
81471000	CorePro LED spot ND 7-50W MR16 827 36D	MR16
81477200	CorePro LED spot ND 7-50W MR16 830 36D	MR16
81479600	CorePro LED spot ND 7-50W MR16 840 36D	MR16

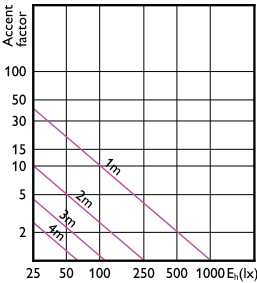
Order Code	Full Product Name	Bulb Shape
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	MR11
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	MR16
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	MR16

Temperature

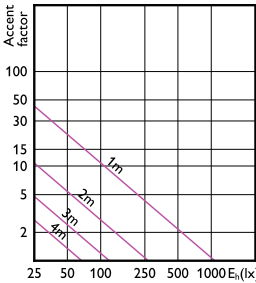
Order Code	Full Product Name	T-Case Maximum (Nom)
81471000	CorePro LED spot ND 7-50W MR16 827 36D	85 °C
81477200	CorePro LED spot ND 7-50W MR16 830 36D	85 °C
81479600	CorePro LED spot ND 7-50W MR16 840 36D	85 °C
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	60 °C
30706301	CorePro LED spot ND4.4-35W MR16 827 36DUK	85 °C
30708701	CorePro LED spot ND4.4-35W MR16 840 36DUK	85 °C



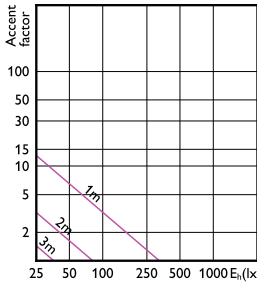
Accent Diagrams



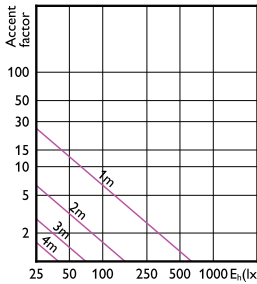
LEDspot Corepro 7-50W GU5.3 MR16 827 36D ND



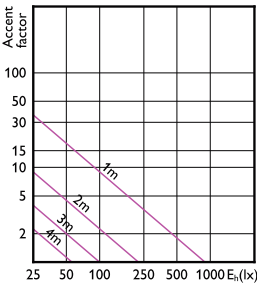
LEDspot MAS VLE 7-50W GU5.3 MR16 840 36D DIM



LEDspot Classic MR11 36D 2700K

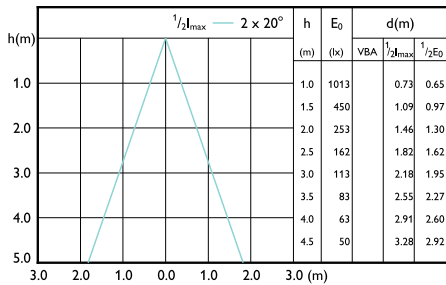


LEDspots Corepro SLR 2 4,4W MR16 GU5,3 827 36D-LA2

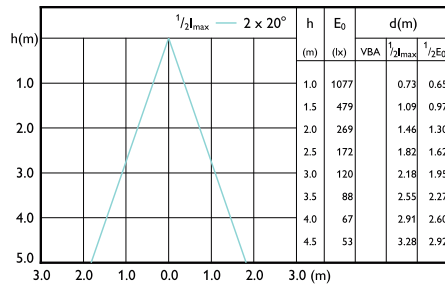


LEDspots Corepro SLR 2 4,4W MR16 GU5,3 840 36D-LA2

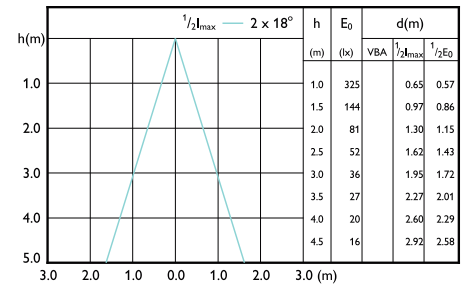
Beam Diagrams



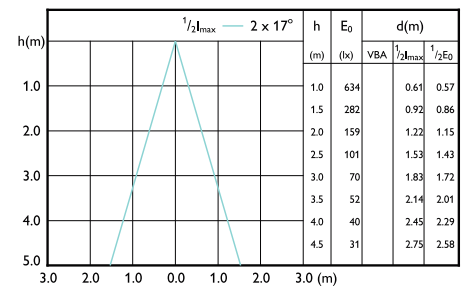
LEDspot Corepro 7-50W GU5.3 MR16 827 36D ND



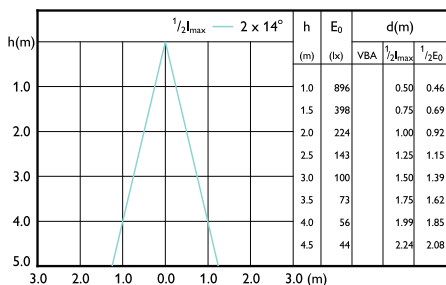
LEDspot MAS VLE 7-50W GU5.3 MR16 840 36D DIM



LEDspot Classic MR11 36D 2700K



LEDspots Corepro SLR 2 4,4W MR16 GU5,3 827 36D-LBP



LEDspots Corepro SLR 2 4,4W MR16 GU5,3 840 36D-LBP

