



The affordable LEDspot solution

CorePro LEDspot Reflectors

CorePro LEDspots Reflectors are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with an E27 or E14 base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots Reflectors deliver significant energy savings and minimise maintenance costs.

Benefits

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

Features

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

Application

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

CorePro LEDspot Reflectors

Versions



LEDspot CorePro 30W E14 R39
827 36D ND



LEDspot CorePro 25W E14 R50 827
36D ND

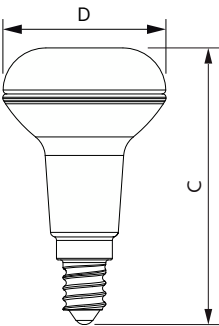
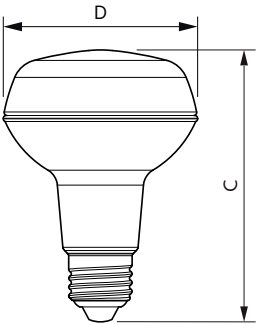


LEDspot CorePro 60W E27 R80
827 36D ND



LEDspot CorePro 40W E27 R63
827 36D ND

Dimensional drawing

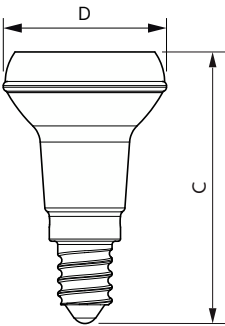
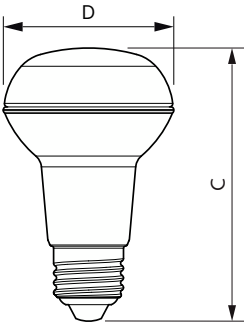


Product	D	C
CoreProLEDspot ND 4-60W R80 E27 827 36D	80 mm	112 mm
CoreProLEDspot ND 8-100W R80 E27 827 36D	80 mm	112 mm

Product	D	C
CoreProLEDspot D 4.3-60W R50 E14 827 36D	50 mm	84 mm
CoreProLEDspot ND1.4-25W R50 E14 827 36D	50 mm	84 mm
CoreProLEDspot ND2.8-40W R50 E14 827 36D	50 mm	84 mm

CorePro LEDspot Reflectors

Dimensional drawing



Product	D	C
CoreProLEDspot D 4.5-60W R63 E27 827 36D	63 mm	102 mm
CoreProLEDspot ND 3-40W R63 E27 827 36D	63 mm	102 mm

Product	D	C
CoreProLEDspot ND1.8-30W R39 E14 827 36D	39 mm	65 mm

General Information	
Switching Cycle	50,000
Nominal lifetime	15,000 h
Light Technical	
Beam angle (nom.)	36 degree(s)
Correlated Colour Temperature	2700 K
Colour rendering index (CRI)	80
Colour Code	827
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Lamp Finish	Clear

General Information

Order Code	Full Product Name	Cap base
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	E14
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	E14
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	E14
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	E14
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	E27
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	E27
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	E27
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	E27

Light Technical

Order Code	Full Product Name	Luminous	
		Luminous Flux	intensity (nom.)
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	150 lm	250 cd
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	105 lm	210 cd

Order Code	Full Product Name	Luminous	
		Luminous Flux	intensity (nom.)
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	210 lm	400 cd
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	320 lm	550 cd

CorePro LEDspot Reflectors

Order Code	Full Product Name	Luminous	
		Luminous Flux	intensity (nom.)
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	345 lm	620 cd
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	670 lm	1,100 cd

Order Code	Full Product Name	Luminous	
		Luminous Flux	intensity (nom.)
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	210 lm	400 cd
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	345 lm	620 cd

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Starting time (nom.)	Wattage equivalent
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	1.8 W	0.1 s	30 W
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	1.4 W	0.1 s	25 W
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	2.8 W	0.1 s	40 W
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	4.3 W	0.5 s	60 W

Order Code	Full Product Name	Power Consumption	Starting time (nom.)	Wattage equivalent
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	4 W	0.1 s	60 W
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	8 W	0.1 s	100 W
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	3 W	0.1 s	40 W
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	4.5 W	0.5 s	60 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	50 °C
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	42 °C
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	57 °C
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	80 °C

Order Code	Full Product Name	T-Case maximum (nom.)
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	50 °C
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	72 °C
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	47 °C
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	80 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	No
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	No
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	No
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	No
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	No
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	No
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	Only with specific dimmers

Mechanical and Housing

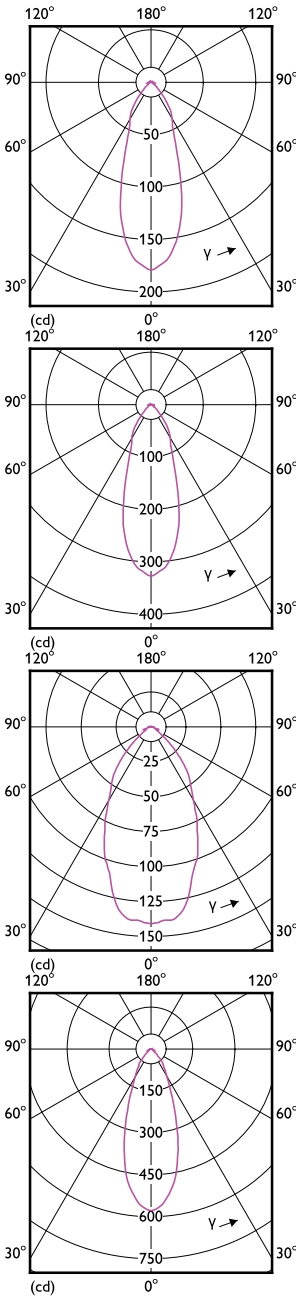
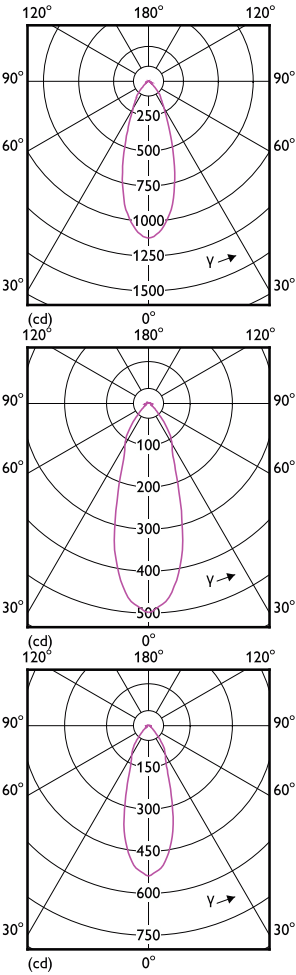
Order Code	Full Product Name	Bulb shape
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	R39
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	R50
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	R50
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	R50

Order Code	Full Product Name	Bulb shape
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	R80
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	R80
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	R63
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	R63

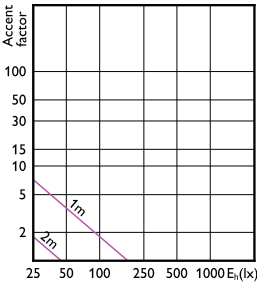
Approval and Application

CorePro LEDspot Reflectors

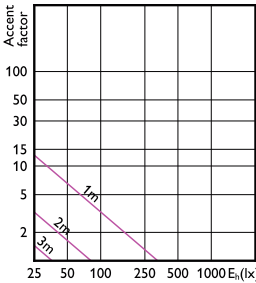
Order Code	Full Product Name	Energy consumption kWh/
		1,000 hours
81171900	CoreProLEDspot ND1.8-30W R39 E14 827 36D	2 kWh
81173300	CoreProLEDspot ND1.4-25W R50 E14 827 36D	2 kWh
81175700	CoreProLEDspot ND2.8-40W R50 E14 827 36D	3 kWh
81177100	CoreProLEDspot D 4.3-60W R50 E14 827 36D	5 kWh
81183200	CoreProLEDspot ND 4-60W R80 E27 827 36D	4 kWh
81185600	CoreProLEDspot ND 8-100W R80 E27 827 36D	8 kWh
81179500	CoreProLEDspot ND 3-40W R63 E27 827 36D	3 kWh
81181800	CoreProLEDspot D 4.5-60W R63 E27 827 36D	5 kWh



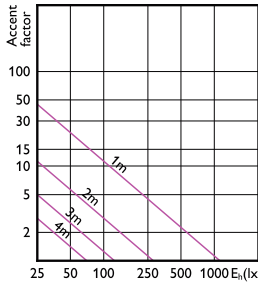
Accent Diagrams



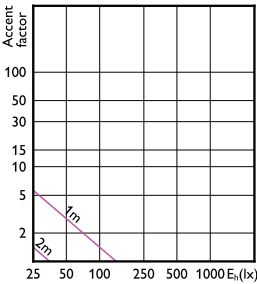
Accent Diagram - CoreProLEDspot ND1.4-25W
R50 E14 827 36D



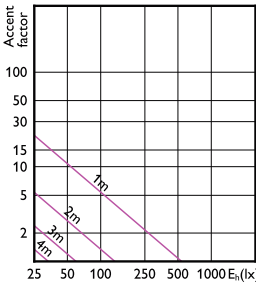
Accent Diagram - CoreProLEDspot ND2.8-40W
R50 E14 827 36D



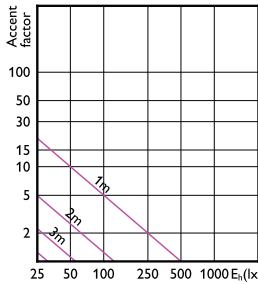
Accent Diagram - CoreProLEDspot ND 8-100W
R80 E27 827 36D



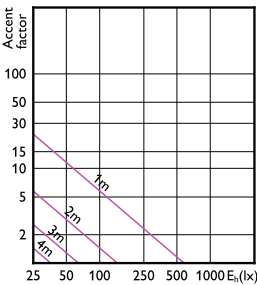
Accent Diagram - CoreProLEDspot ND1.8-30W
R39 E14 827 36D



Accent Diagram - CoreProLEDspot D 4.5-60W
R63 E27 827 36D



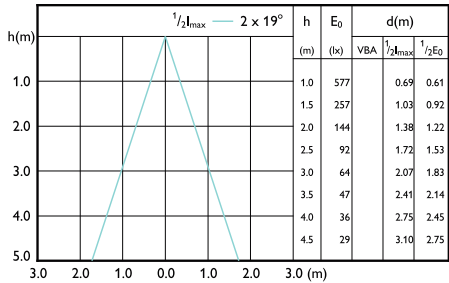
Accent Diagram - CoreProLEDspot D 4.3-60W
R50 E14 827 36D



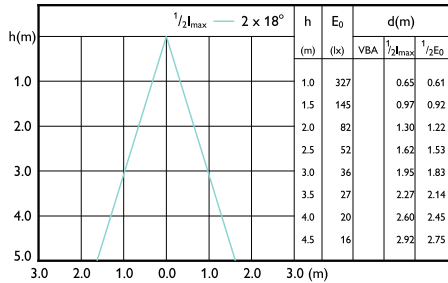
Accent Diagram - CoreProLEDspot ND 4-60W
R80 E27 827 36D

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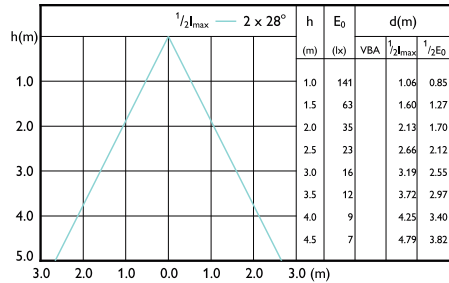
Beam Diagrams



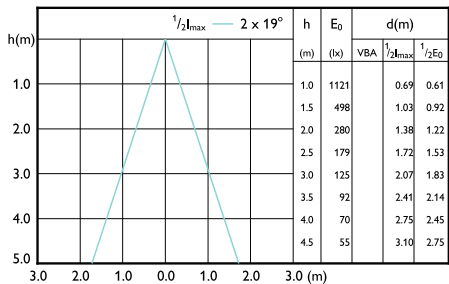
Beam diagram - CoreProLEDspot ND 4-60W
R80 E27 827 36D



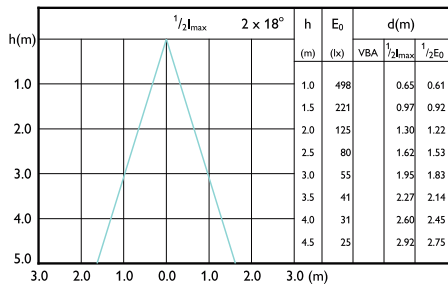
Beam diagram - CoreProLEDspot ND2.8-40W
R50 E14 827 36D



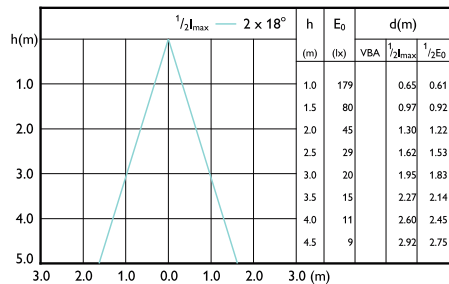
Beam diagram - CoreProLEDspot ND1.8-30W
R39 E14 827 36D



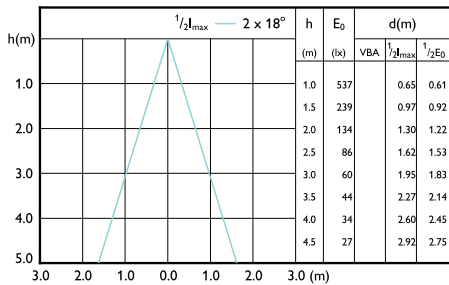
Beam diagram - CoreProLEDspot ND 8-100W
R80 E27 827 36D



Beam diagram - CoreProLEDspot D 4.3-60W
R50 E14 827 36D



Beam diagram - CoreProLEDspot ND1.4-25W
R50 E14 827 36D



Beam diagram - CoreProLEDspot D 4.5-60W
R63 E27 827 36D

CorePro LEDspot Reflectors

