



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 a GU10 or E27 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

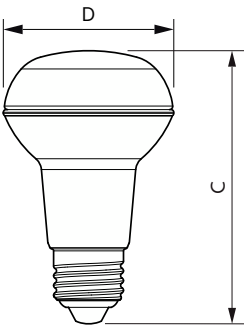
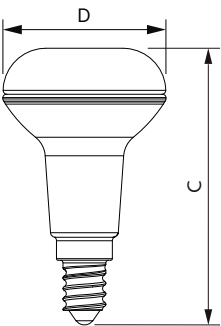
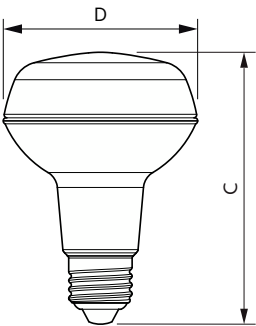
CorePro LEDspot Reflectors

Versions



LEDspot CorePro 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 ND2.8-40W R50 E14 827 36D	50 mm	84 mm

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

CorePro LEDspot Reflectors

General Information	
Switching Cycle	50,000
Nominal lifetime	15,000 h
Light Technical	
Beam angle (nom.)	36 degree(s)
Correlated Colour Temperature (Nom)	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
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	E14
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	E14
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	E27
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	E27
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	E27
929001891402	CoreProLEDspot D 4.5-60W R63 E27 827 36D	E27

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous intensity (nom.)
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	210 lm	400 cd
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	320 lm	550 cd
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	345 lm	620 cd

Order Code	Full Product Name	Luminous Flux	Luminous intensity (nom.)
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	670 lm	1,100 cd
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	210 lm	400 cd
929001891402	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
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	2.8 W	0.1 s	40 W
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	4.3 W	0.5 s	60 W
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	4 W	0.1 s	60 W

Order Code	Full Product Name	Power Consumption	Starting time (nom.)	Wattage equivalent
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	8 W	0.1 s	100 W
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	3 W	0.1 s	40 W
929001891402	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.)
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	57 °C
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	80 °C
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	50 °C

Order Code	Full Product Name	T-Case maximum (nom.)
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	72 °C
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	47 °C
929001891402	CoreProLEDspot D 4.5-60W R63 E27 827 36D	80 °C

Controls and Dimming

CorePro LEDspot Reflectors

Order Code	Full Product Name	Dimmable
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	No
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	Only with specific dimmers
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	No

Order Code	Full Product Name	Dimmable
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	No
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	No
929001891402	CoreProLEDspot D 4.5-60W R63 E27 827 36D	Only with specific dimmers

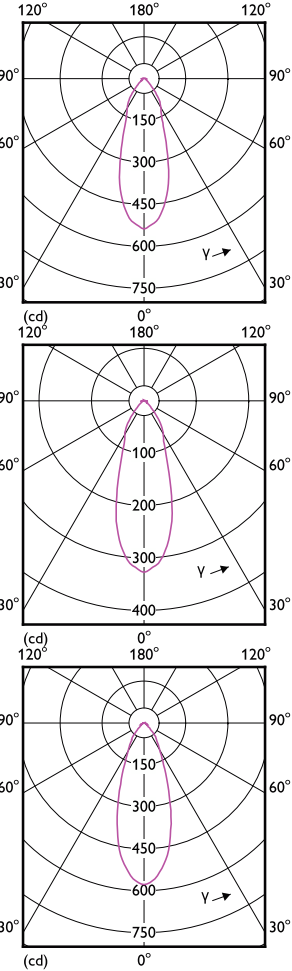
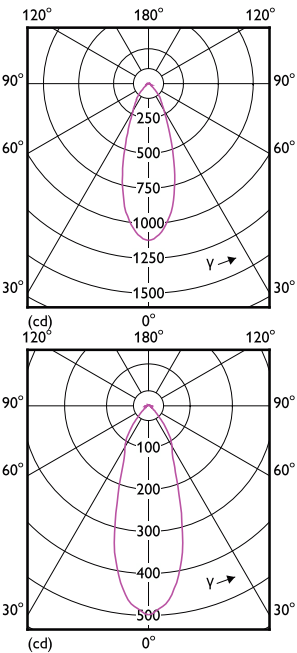
Mechanical and Housing

Order Code	Full Product Name	Bulb shape
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	R50
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	R50
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	R80

Order Code	Full Product Name	Bulb shape
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	R80
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	R63
929001891402	CoreProLEDspot D 4.5-60W R63 E27 827 36D	R63

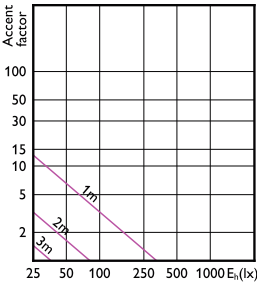
Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929001891102	CoreProLEDspot ND2.8-40W R50 E14 827 36D	3 kWh
929001891202	CoreProLEDspot D 4.3-60W R50 E14 827 36D	5 kWh
929001891502	CoreProLEDspot ND 4-60W R80 E27 827 36D	4 kWh
929001891602	CoreProLEDspot ND 8-100W R80 E27 827 36D	8 kWh
929001891302	CoreProLEDspot ND 3-40W R63 E27 827 36D	3 kWh
929001891402	CoreProLEDspot D 4.5-60W R63 E27 827 36D	5 kWh

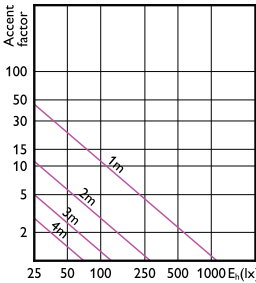


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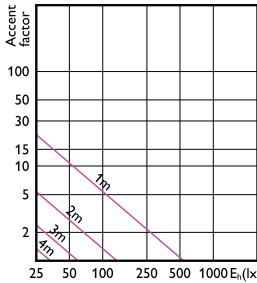
Accent Diagrams



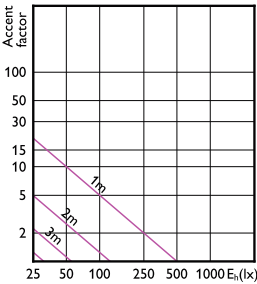
Accent Diagram - CoreProLEDspot ND2.8-40W
R50 E14 827 36D



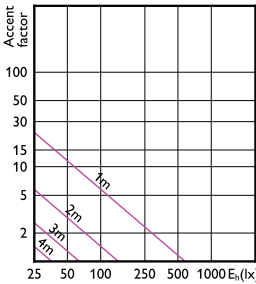
Accent Diagram - CoreProLEDspot ND 8-100W
R80 E27 827 36D



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

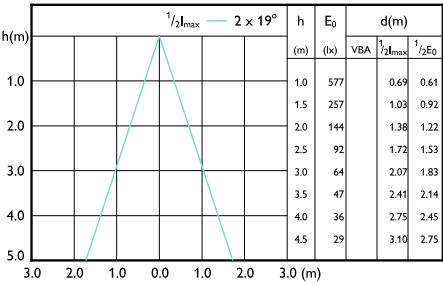


Accent Diagram - CoreProLEDspot D 4.3-60W
R50 E14 827 36D

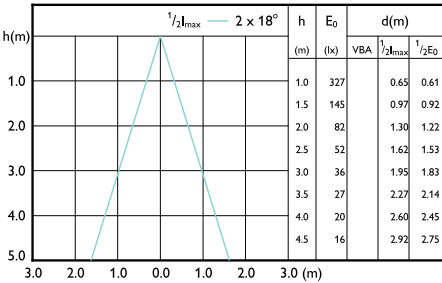


Accent Diagram - CoreProLEDspot ND 4-60W
R80 E27 827 36D

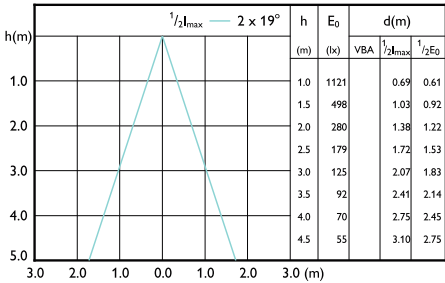
Beam Diagrams



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



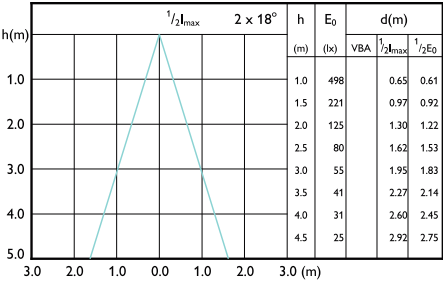
Beam diagram - CoreProLEDspot ND2.8-40W
R50 E14 827 36D



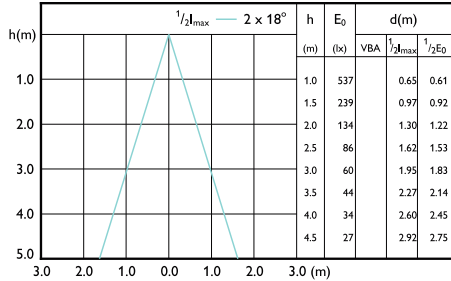
Beam diagram - CoreProLEDspot ND 8-100W
R80 E27 827 36D

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Beam Diagrams



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



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

