PHILIPS Lighting

CorePro LEDspot LV

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

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. CorePro LEDspots deliver huge energy savings and minimize maintenance cost.
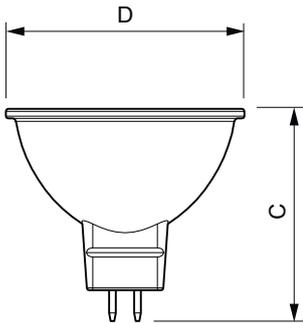
Product data

General Information

Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	621 lumen
Luminous Intensity (Nom)	1,400 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	621 lumen

Operating and Electrical

Line Frequency	– Hz
Input Frequency	– Hz

Power Consumption	7 W
Lamp Current (Nom)	730 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	85 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	465,222
CE mark	Yes

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EU RoHS compliant	Yes		

Numerator – Packs per outer box	10
Material number (12NC)	929001904902
Full product name	CorePro LED spot ND 7–50W MR16 830 36D
EAN/UPC – Case	8718696814789

Product Data

Full product code	871869681477200
Order product name	CorePro LED spot ND 7–50W MR16 830 36D
Order code	929001904902
Numerator – Quantity Per Pack	1

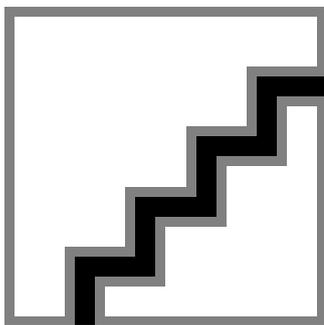## Dimensional drawing

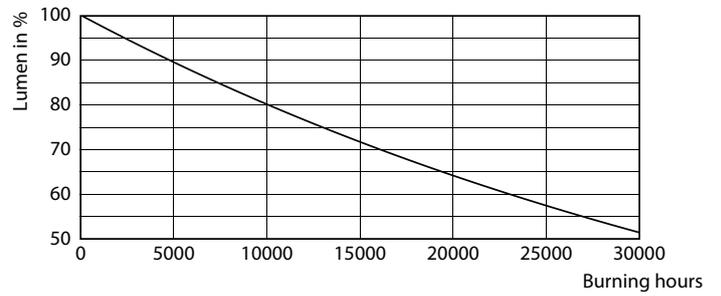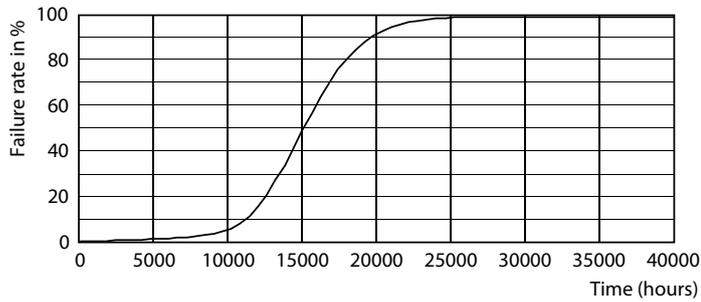| Product	D	C
CorePro LED spot ND 7–50W MR16 830 36D	50.5 mm	45 mm

Photometric data
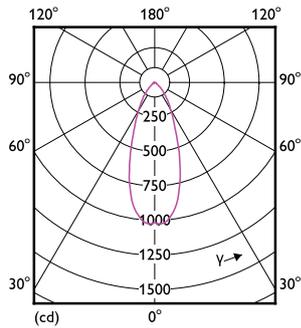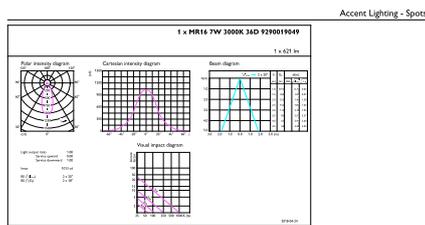
Light Distribution Diagram – CorePro LED spot ND 7–50W MR16 830 36D

Spectral Power Distribution Colour – CorePro LED spot ND 7–50W MR16 830 36D

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Lifetime

Life Expectancy Diagram – CorePro LED spot ND 7–50W MR16 830 36D

Lumen Maintenance Diagram – CorePro LED spot ND 7–50W MR16 830 36D