

CorePro LEDspot MV

CorePro LEDspotMV ND 2.9-40W 827 R50 36D

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

• General Information

Cap-Base	E14 [E14]
Bulb Shape	R50 [R 50mm]
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
B50L70	15000 h
Technical Type	2.9-40W

• Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 °
Luminous Intensity (Nom)	530 cd
Color Designation	Warm White (WW)
Rated Beam Angle	36 °
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	79.31 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	230 lm

• Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	2.9 W
Lamp Current (Nom)	27 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.4
Voltage (Nom)	220-240 V

• Temperature

T-Case Maximum (Nom)	82 °C

• Controls and Dimming

Dimmable	No

• Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A++
Energy Consumption kWh/1000 h	3 kWh

• Product Data

Full product code	871869657851300
Order product name	CorePro LEDspotMV ND 2.9-40W 827 R50 36D
EAN/UPC - Product	8718696578513
Order code	929001235902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

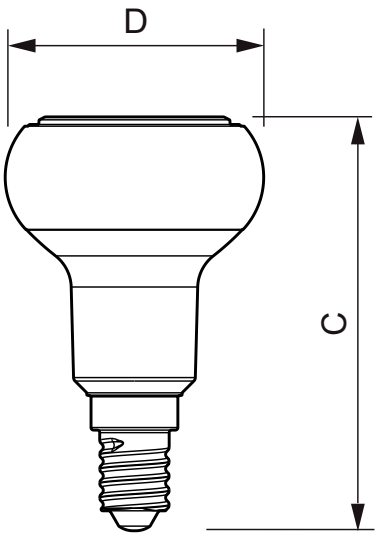
PHILIPS

CorePro LEDspot MV

Material Nr. (12NC) 929001235902

Net Weight (Piece) 0.045 kg

Dimensional drawing



R50 220-240V 2.9W-40W 2700K E14 ND

Product	D	C
CorePro LEDspotMV ND 2.9-40W 827 R50 36D	51 mm	81 mm

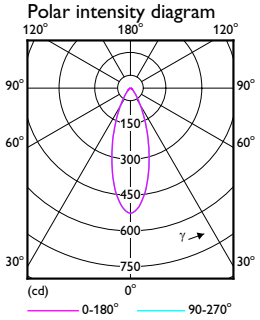
Photometric data

Accent Lighting - Spots

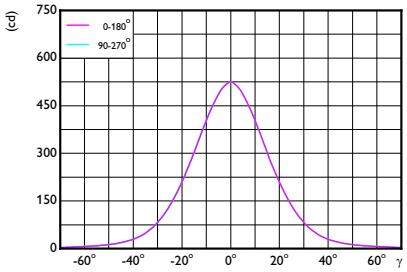
1 x R50 2.9W2700K 36D 9290012359

1 x 230 lm

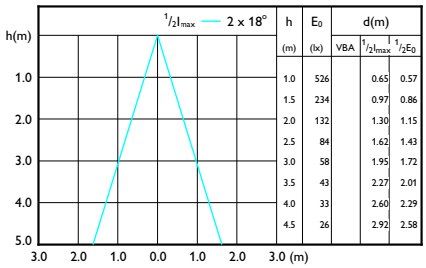
Polar intensity diagram



Cartesian intensity diagram



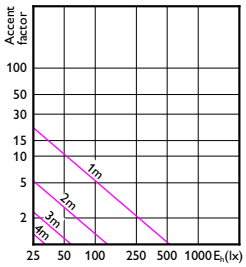
Beam diagram



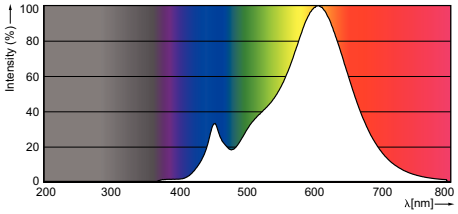
h	E_0	d(m)		
(m)	(lx)	VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	526		0.65	0.57
1.5	234		0.97	0.86
2.0	132		1.30	1.15
2.5	84		1.62	1.43
3.0	58		1.95	1.72
3.5	43		2.27	2.01
4.0	33		2.60	2.29
4.5	26		2.92	2.58

Light output ratio	1.10
Service upward	0.00
Service downward	1.10
Imax	526 cd
BS ($^1/_2I_{max}$)	2 x 18°
BS ($^1/_2E_0$)	2 x 16°

Visual impact diagram



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data subject to change