PHILIPS

Lighting

3CCT LED product

Essential SmartBright LED spot

3CCT dip switch combines 3 color temperature into one lamp and targets retailers who wants to keep portfolio on the shelf and the inventory in warehouse as less as possible and ensures end users buy right lamps.

Benefits

- Save cost for end users by reducing the chance to buy wrong products and offering 3 colors in one product
- Offer easy-to-operate features by switching the button to change the color

Features

- 3 color temperatures (3000K, 4000K, 6500K) in one lamp
- Easy to change the color by switching the button
- Eye comfort

Application

- Home application

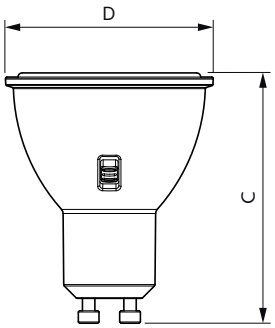
Versions

LEDSpot 50W DS DIM MR16 12V 60D 1PF 6 AU RTP

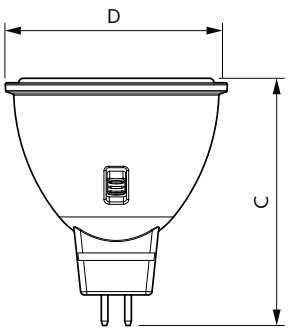
LEDSpot 50W DS DIM GU10 60D 1PF 6 AU RTP

Essential SmartBright LED spot

Dimensional drawing



Product	D	C
LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU	50 mm	61 mm



Product	D	C
LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU	50 mm	57 mm

Essential SmartBright LED spot

General Information	
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Beam Angle (Nom)	60 degree(s)
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Color Code	3000/4000/6500
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	500 lm
Luminous Intensity (Nom)	450 cd
Operating and Electrical	
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Ambient temperature range	-20 to +45 °C

General Information

Order Code	Full Product Name	Cap-Base
929003780419	LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU	GU5.3
929003780319	LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU	GU10

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Power Consumption
929003780419	LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU	- Hz	5 W

Order Code	Full Product Name	Input Frequency	Power Consumption
929003780319	LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU	50 to 60 Hz	4.8 W

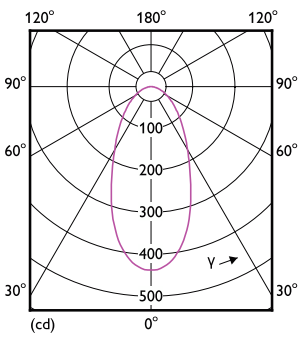
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003780419	LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU	70 °C

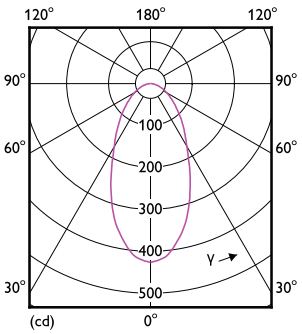
Order Code	Full Product Name	T-Case Maximum (Nom)
929003780319	LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU	60 °C

Mechanical and Housing

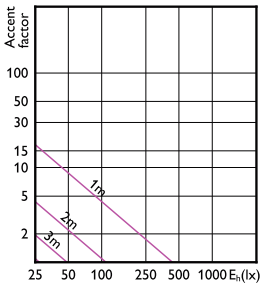
Order Code	Full Product Name	Bulb Shape
929003780419	LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU	MR16
929003780319	LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU	PAR16



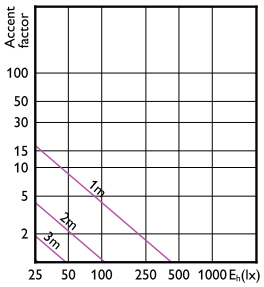
Essential SmartBright LED spot



Accent Diagrams

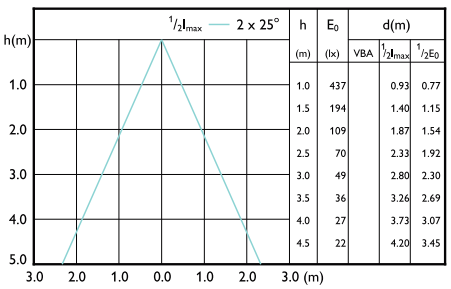


Accent Diagram - LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU



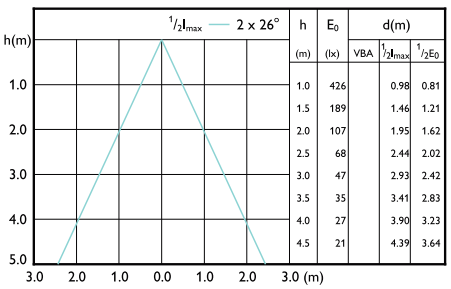
Accent Diagram - LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU

Beam Diagrams



h (m)	E0 (lx)	d(m) VBA	½Imax	½E0
1.0	437		0.93	0.77
1.5	194		1.40	1.15
2.0	109		1.87	1.54
2.5	70		2.33	1.92
3.0	49		2.80	2.30
3.5	36		3.26	2.69
4.0	27		3.73	3.07
4.5	22		4.20	3.45

Beam diagram - LEDSpot 5W DS DIM MR16 12V 60D 1PF/6 AU



h (m)	E0 (lx)	d(m) VBA	½Imax	½E0
1.0	426		0.98	0.81
1.5	189		1.46	1.21
2.0	107		1.95	1.62
2.5	68		2.44	2.02
3.0	47		2.93	2.42
3.5	35		3.41	2.83
4.0	27		3.90	3.23
4.5	21		4.39	3.64

Beam diagram - LEDSpot 4.8W DS DIM GU10 60D 1PF/6 AU

© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.