



Classic heritage design

Classic LEDspotMV

Featuring a classic heritage design, Classic LEDspotMV delivers warm halogen-like light while saving around 90% on energy costs. It is compatible with most existing fixtures with a GU10 holder and is designed as a retrofit replacement for halogen or incandescent spots. LED lamps deliver significant energy savings and minimize maintenance costs.

Benefits

- · Long lifetime
- Huge energy savings
- · Low heat generation.

Features

- · Classic heritage design
- Easy retrofit
- · Energy-efficient

Application

- \cdot Operating temperature range is between -20 °C and 45 °C ambient
- Only to be used in dry indoor environments; can be used in most open fixtures with GU10 lamp holders that offer sufficient space (10 mm free air space)
- · Not intended for use with emergency lighting fixtures or exit lights

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Versions

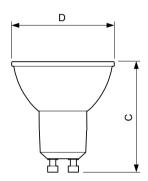






CorePro LEDspot MV 25W GU10 830 36D

Dimensional drawing



Product	D	С
Essential LED 4.6-50W GU10 827 36D	50 mm	54 mm
Essential LED 4.6-50W GU10 830 36D	50 mm	54 mm

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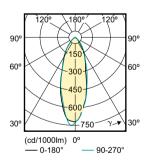
General Information	
Cap-Base	GU10
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Beam Angle (Nom)	36 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	4.6 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16
Approval and Application	
Energy Consumption kWh/1000 h	5 kWh

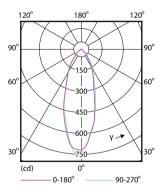
Light Technical

		Correlated Color	Color		Luminous
Order Code	Full Product Name	Temperature (Nom)	Code	Luminous Flux	Intensity (Nom)
929001215208	Essential LED 4.6-50W	2700 K	827	395 lm	700 cd
	GU10 827 36D				
929001218108	Essential LED 4.6-50W	3000 K	830	410 lm	740 cd
	GU10 830 36D				

Temperature

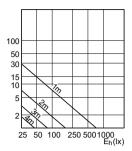
Order Code	Full Product Name	T-Case Maximum (Nom)
929001215208	Essential LED 4.6-50W GU10 827 36D	78 °C
929001218108	Essential LED 4.6-50W GU10 830 36D	85 ℃



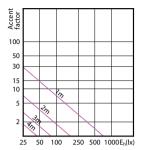


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Accent Diagrams



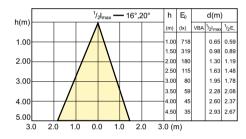
Accent Diagram - Essential LED 4.6-50W GU10 827 36D



Accent Diagram - Essential LED 4.6-50W GU10 830 36D

1/2I_{max}

Beam Diagrams



h(m (m) 1.0 319 0.98 2.0 2.0 1.30 1.19 180 1.63 1.48 2.5 115 3.0 3.0 1.95 1.78 2.28 2.08 4.0 2.60 2.37 2.93 2.67

16°,20° h E₀

d(m)

Beam diagram - Essential LED 4.6-50W GU10 827 36D Beam diagram - Essential LED 4.6-50W GU10 830 36D



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