Essential LEDspot MR16

Essential LED 6.5-50W 827 MR16 36D

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

Product data

General Information

Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	500 lm
Luminous Intensity (Nom)	800 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	76.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	– Hz

Input Frequency	– Hz
Power Consumption	6.5 W
Lamp Current (Nom)	770 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	ac electronic 12 V

Temperature

T-Case Maximum (Nom)	81 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Approval and Application

Suitable For Accent Lighting	Yes

Essential LEDspot MR16

Energy Consumption kWh/1000 h	8 kWh

Product Data

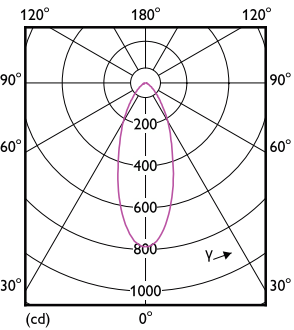|	
Order product name	Essential LED 6.5-50W 827 MR16 36D
Full product name	Essential LED 6.5-50W 827 MR16 36D
Full product code	871869962267100
Order code	929001975738

Material Nr. (12NC)	929001975738
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699622671
Numerator – Packs per outer box	10
EAN/UPC – Case	8718699622688

Dimensional drawing
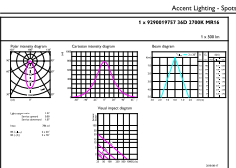

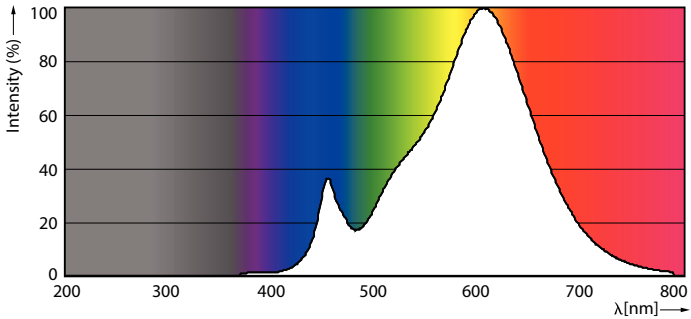| Product	D	C
Essential LED 6.5-50W 827 MR16 36D	50.5 mm	45.5 mm

Photometric data

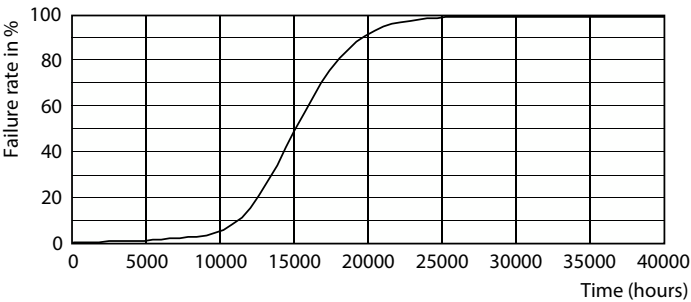Light Distribution Diagram – Essential LED 6.5-50W 827 MR16 36D

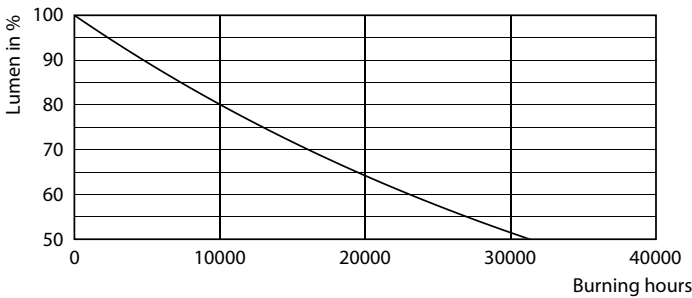Accent Lighting Spots – Essential LED 6.5-50W 827 MR16 36D

Spectral Power Distribution Colour – Essential LED 6.5-50W 827 MR16 36D

Essential LEDspot MR16

Lifetime

Life Expectancy Diagram – Essential LED 6.5–50W 827 MR16 36D

Lumen Maintenance Diagram – Essential LED 6.5–50W 827 MR16 36D