

LEDON

pioneering light

LED Lamp MR16 5+6W 345 Lumen GU10

LEDON's new MR16 spots impress not only with their attractive white appearance and the CoB module with reflector design, but also through an excellent color rendering of Ra 90. The luminous flux of 345 lumens delivers bright light in a beam angle of 35° or 60°. The energy-saving and efficient LED technology makes it an ideal replacement for 50 W halogen lamps.



ITEM DESCRIPTION	ARTICLE CODE	EAN CODE	DIMMABLE
LED LAMP MR16 5W/35D/927 GU10 230V	29100009	9 009453 013231	No
LED LAMP MR16 6W/35D/927 GU10 230V DIM	29100010	9 009453 013248	Yes
LED LAMP MR16 5W/60D/927 GU10 230V	29100011	9 009453 013255	No
LED LAMP MR16 6W/60D/927 GU10 230V DIM	29100012	9 009453 013262	Yes

GENERAL CHARACTERISTICS	
Shape	MR16
Cap - Base	GU10
Finish	CoB module with reflector optics
Energy Efficiency Class	A (6W), A+ (5W)
Lamp Materials	Plastic / Metal
Lifetime (hours)	25 000 h
Lifetime (years)	25 (burning time Ø 2.7 h per day)
Rated Lifetime	25 000 h
Switching Cycles	100 000
Start Time from 0% to 100%	< 0.5 s
Tc (max)	73 °C
Mercury Content	0.0 mg
Lamp Recycling	Yes - please consider the local regulations
Guarantee	5 years

LIGHT CHARACTERISTICS		
Nominal Luminous Flux (measured in a 90° cone)	345 lm	
Rated Luminous Flux (measured in a 90° cone)	345 lm	
Total Luminous Flux	380 lm	
Color	Warm White	
Color Temperature	2700 K	
Color Rendering Index	90	
Lamp Efficacy	69 lm/W	58 lm/W
Lumen Maintenance Factor (at end of nominal lifetime)	80 %	
Beam Angle	35°	60°
Luminous Intensity	1100 cd	350 cd
Color Consistency	< 6 Step MacAdam Ellipse	
Incandescent wattage equivalent suggested by LEDON	50 W	
Wattage Equivalent *	50 W	
Flicker Percent	< 3 %	

* according to regulations (EC) 244/2009 & (EU) 1194/2012

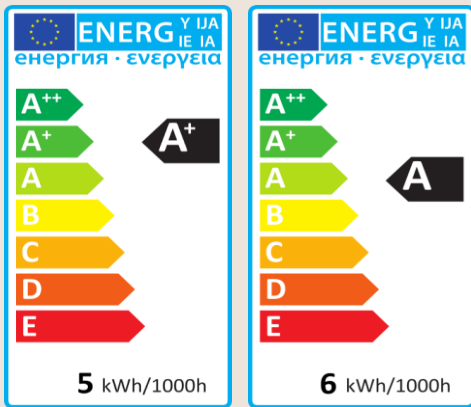
ELECTRICAL CHARACTERISTICS

	Non-dimmable	Dimmable
Energy Consumption	5 W	6 W
Rated Wattage	5.0 W	6.0 W
Operating Frequency	50/60 Hz	
Supply Voltage	230-240 V AC	
Power Factor	0.5	0.62
Input Current (measured value)	48 mA	48 mA
Input Current (calculated value)	21 mA	26 mA
Inrush Current	> 4 A	> 3.5 A

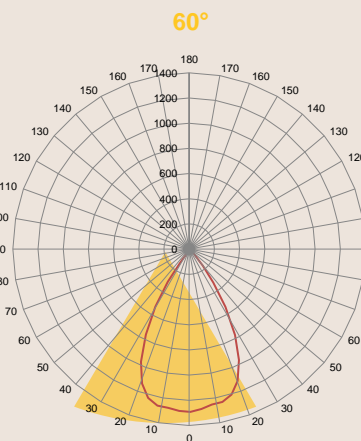
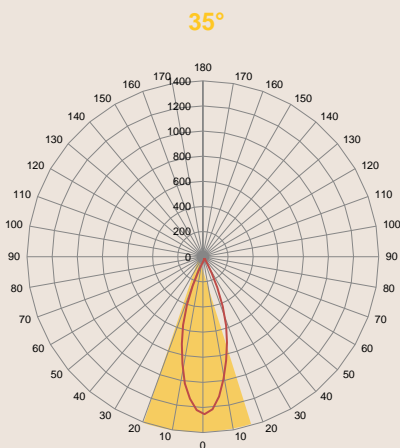
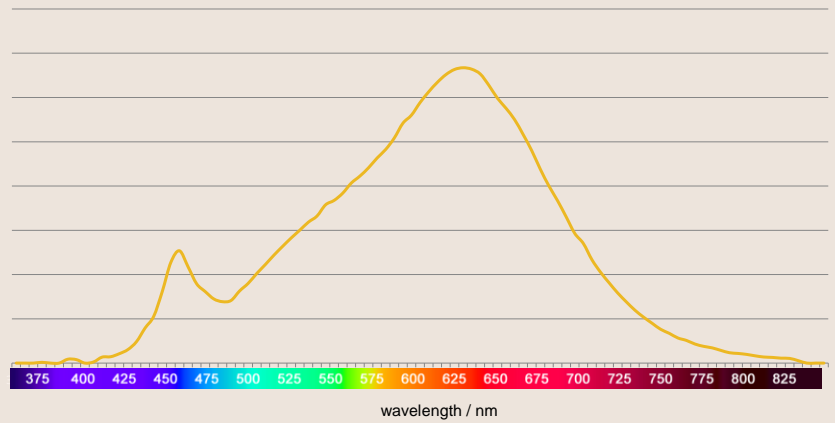
DIMENSIONS

Height	59 mm
Diameter	50 mm
Weight	70 g

GRAPHICS



SPECTRAL POWER DISTRIBUTION OF LEDON 5/6W MR16 GU10



data subject to change
Aktualisiert am: 07.08.2019