

Product Information

LED SUPERSTAR PAR16 50 36°



Product Overview

Product	Wattage	CCT in K	lm	Beam Angle	Base
LED SUPERSTAR PAR16 50 36°	7,5	2700	385	36°	GU10
LED SUPERSTAR PAR16 50 36°	7,5	4000	400	36°	GU10

Benefits

- 1 to 1 replacement to HAL PAR16
- Same light output as a 50W HAL, but -85% energy
- Long lifetime
- Dimmable

Key Features

- LED PAR16 lamp as replacement for Halogen PAR16 50W
- voltage: 220 – 240V
- GU10 base
- beam angle 36°
- available in light color warm white 2700°K as well as cool white 4000°K
- reduces energy consumption ~ 85%
- dimmable, working on most common dimmers down to 10%
- light-to-the-back effect
- shock-proof and vibration-proof
- 25,000 hours lifetime
- UV and NIR radiation free
- mercury free
- 4 years Osram Guarantee¹

¹ See www.osram.com/guarantee

Product Information

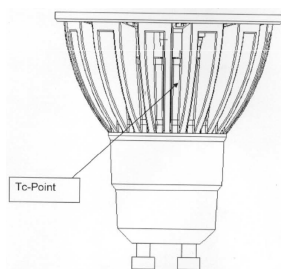
LED SUPERSTAR PAR16 50 36°

Ordering Guide

Product	Wattage	CCT	lm	Candela	Diameter	Lenght	Weight	Beam Angle	EAN10	EAN40 (ship.unit)	Ship. unit
LED SUPERSTAR PAR16 50 36°	7,5	2700	385	950	50 mm	58 mm	75 g	36°	4008321882714	4008321882721	6
LED SUPERSTAR PAR16 50 36°	7,5	4000	400	1000	50 mm	58 mm	75 g	36°	4008321882745	4008321882752	6

Common Characteristics³

Type	Average lifetime ⁴	Switching cycles (30s on, 30s off)	Casing material	Starting time	Warm up time for 60% light	Power factor
LED SUPERSTAR PAR16 50 36°	25,000 hrs	100,000	Metal/plastic	<0.5s	none	0.75
	Nominal current	Max. inrush current	Tc temperature max. ⁵	CRI	Mercury max.	
LED SUPERSTAR PAR16 50 36°	42mA		80°C	80	0.0 mg	



Disposal information

- Lamps with WEEE sign can be returned at specific collection points.
- LED lamps have to be disposed as special waste.

³ Typical values. All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

⁴ The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC60969). The lifetime is estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage. To achieve a full lifetime a good heat exchange for the electronic components is required.

⁵ The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)