

LED VALUE PAR 16 50

We bring innovation to light!

Product licensee of trademark
OSRAM in general lighting



Product Information

LED VALUE PAR 16 50



Product Overview¹

| Model Name | Basic Code | Wattage | Input Voltage | CCT | Lm |
|--------------------------------|------------|---------|---------------|-------|-------|
| PAR16 50 VAL 4.5W 827 36° GU10 | AC11552 | 4.5W | 220V-240V | 2700K | 400lm |
| PAR16 50 VAL 4.5W 840 36° GU10 | AC11553 | 4.5W | 220V-240V | 4000K | 420lm |
| PAR16 50 VAL 4.5W 865 36° GU10 | AC11554 | 4.5W | 220V-240V | 6500K | 430lm |
| PAR16 50 VAL 4.5W 827 24° GU10 | AC11555 | 4.5W | 220V-240V | 2700K | 400lm |

Benefits

- Easy replacement of halogen lamps due to compact full glass design and single optic
- Free of multiple shadows for an excellent accent lighting
- Up to 91% Energy Saving, spend little and save a lot
- High color consistency thanks to narrow binning
- Install and forget: assured by Germany quality standard

Key Features

- Full glass design, elegant appearance
- Uniform and clean beam thanks to the innovative single optics
- Perfect Fit, 1:1 halogen outline ensures easy installation
- Color consistency: <6 Standard Deviation Color Matching
- 220-240V AC input voltage
- UV and NIR radiation free
- Mercury free
- 15,000 hours lifetime²

¹ 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.

² L70B50 is the average operating life of the LED Lamp during which the luminous flux is greater than or equal to 70% of the initial luminous flux, for 50% of the population. The lifetime is estimated at room temperature (25° C), free air burning, base up burning position and at rated voltage.

For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.

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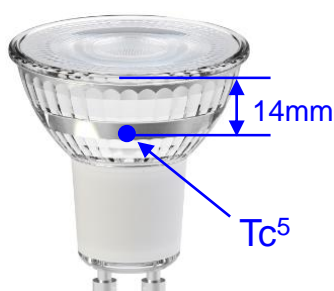
Ordering Guide

| Product | Wattage | CCT | Lm | Candela | Diameter | Length | Weight | Beam Angle | EAN10 | EAN40 (ship unit) | Ship. unit |
|---|---------|-------|-------|---------|----------|--------|--------|------------|---------------|-------------------|------------|
| LVPAR165036 4.5W/827 230V GU10 10X1AR5OSRAM | 4.5W | 2700K | 400lm | 900cd | 50mm | 54mm | 45g | 36° | 4058075168343 | 4058075168350 | 10 |
| LVPAR165036 4.5W/840 230V GU10 10X1AR5OSRAM | 4.5W | 4000K | 420lm | 950cd | 50mm | 54mm | 45g | 36° | 4058075168367 | 4058075168374 | 10 |
| LVPAR165036 4.5W/865 230V GU10 10X1AR5OSRAM | 4.5W | 6500K | 430lm | 950cd | 50mm | 54mm | 45g | 36° | 4058075168381 | 4058075168398 | 10 |
| LVPAR165024 4.5W/827 230V GU10 10X1AR5OSRAM | 4.5W | 2700K | 400lm | 1350cd | 50mm | 54mm | 45g | 24° | 4058075168404 | 4058075168411 | 10 |

Common Characteristics³

| Type | Average lifetime ⁴ | Switching cycles (30s on, 30s off) | Casing material | Starting time | Warm up time for 95% light | Power factor |
|--------------------|-------------------------------|------------------------------------|-----------------|---------------|----------------------------|--------------|
| LED VALUE PAR16 50 | 15,000 hrs | 100,000 | Glass | <0.5 s | <1 s | 0.5 |

| Type | Nominal current | Tc temperature max. ⁵ | CRI | Mercury max. | Standard deviation of color matching | Ambient temperature range |
|--------------------|-----------------|----------------------------------|-----|--------------|--------------------------------------|---------------------------|
| LED VALUE PAR16 50 | 35 mA | ≤84°C @ Ta 40°C | 80 | 0.0 mg | ≤6 SDCM | -20...+40 °C |



Disposal Information

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

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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)

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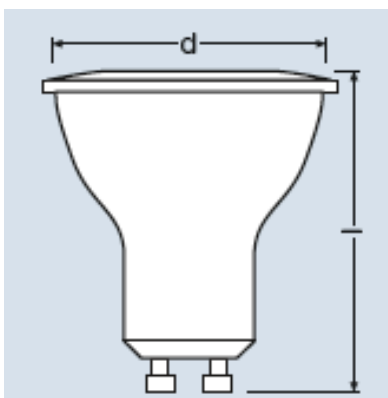
Application information

- Hospitality
- Restaurant
- Residential
- Art galleries and museum
- Homes

Lamp conformity

- IEC 55015 (Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment)
- IEC 60038 (IEC standard voltages)
- IEC 60061 (Lamp caps and holders)
- IEC 60357 (Tungsten halogen lamps (non vehicle) - Performance specifications)
- IEC 60432 (Incandescent lamps - Safety specifications)
- IEC 60630 (Maximum lamp outlines for incandescent lamps)
- IEC 60968 (Self-ballasted lamps for general lighting services - Safety requirements)
- IEC 60969 (Self-ballasted lamps for general lighting services - Performance requirements)
- EN 61000-2004/108/EC Electromagnetic compatibility
- IEC 61341 (Method of measurement of centre beam intensity and beam angle(s) of reflector lamps)
- IEC 61347-1 Lamp control gear - Safety requirements
- IEC 61547 (Equipment for general lighting purposes - EMC immunity requirements)
- EN 62471 Photo biological safety of lamps
- IEC 62612 (Self-ballasted LED-lamps for general lighting services > 50 V - Performance requirements)
- EN 874/2012 Energy labelling of electrical lamps and luminaires

Lamp Dimension



| | PAR16 |
|--------|-------|
| D (mm) | 50 |
| l (mm) | 54 |