

## PARATHOM PAR16 65 36° ADV 5.9 W/830 GU10

PARATHOM advanced PAR16 | Dimmable LED reflector lamps PAR16 with retrofit pin base



### Areas of application

- Spot lighting for accents
- Display cabinets and shop windows
- Retail outlets and exhibition rooms
- Spot lighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires
- Directional light sources
- Hospitality
- Shops

### Product benefits

- Very low energy consumption
- Extremely long life
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Professional thermal management
- Efficient generation of white light
- Alternative to line-voltage halogen lamps
- Ideal for economical spot lighting

### Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim))
- Made in Europe
- Base: GU10
- Lifetime: up to 35,000 h
- Mercury-free lamps



## Product datasheet

- High color consistency; SDCM: < 5 (PARATHOM PRO)

## Technical data

### Electrical data

Rated wattage	5.90 W
Nominal wattage	5.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	65 W
Rated luminous flux	460 lm
Number of switching cycles	100000
Operating frequency	50...60 Hz
Power factor $\lambda$	0.92

### Photometrical data

Luminous intensity	1164 cd
Nominal luminous flux	460 lm
Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 5$ sdcn
Nominal useful luminous flux 90°	460 lm
Rated useful luminous flux 90°	460 lm
Rated peak intensity	1164 cd

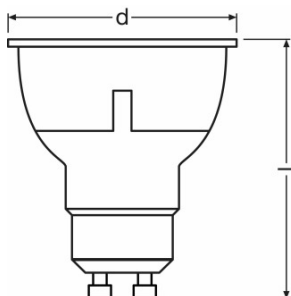
### Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.30 s
Starting time	0.1 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

## Product datasheet

### Dimensions & weight

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<b>Overall length</b>	58.0 mm
<b>Diameter</b>	49.6 mm
<b>Outer bulb</b>	PAR51
<b>Length</b>	58.0 mm
<b>Maximum diameter</b>	50.0 mm

### Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Lumen main.fact.at end of nom.life time</b>	0.70

### Additional product data

<b>Base (standard designation)</b>	GU10
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>Product remark</b>	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

### Capabilities

<b>Dimmable</b>	Yes
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### Certificates & standards

<b>Energy efficiency class</b>	A+
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## Product datasheet

Energy consumption	6 kWh/1000h
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### Country specific categorizations

ILCOS	DRPAR-5,9/830-230-GU10-50/36
Order reference	PPAR16D65365,9W



Guarantee

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899943995	PARATHOM PAR16 65 36° ADV 5.9 W/830 GU10	Shipping carton box 10	267 mm x 111 mm x 77 mm	2.28 dm <sup>3</sup>	862.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### References / Links

For dimming conformity see

▶ [www.osram.com/DIM](http://www.osram.com/DIM)

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.