

## PARATHOM PAR16 35 36° ADV 3.3 W/840 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	3.30 W
Nominal wattage	3.30 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50...60 Hz
Power factor $\lambda$	0.83

### Photometrical data

Luminous intensity	565 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Color temperature	4000 K
Color rendering index Ra	80
Light color (designation)	Cool White
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	565 cd

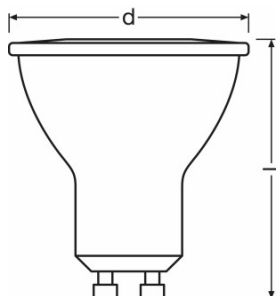
### Light technical data

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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Overall length	58.0 mm
Diameter	49.6 mm
Outer bulb	PAR51
Length	58.0 mm
Maximum diameter	50.0 mm

## Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000
Lumen main.fact.at end of nom.life time	0.70

## Additional product data

Base (standard designation)	GU10
Lamp mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes
Product remark	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

Dimmable	Yes
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## Certificates & standards

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## Product datasheet

Energy efficiency class	A+
Energy consumption	4 kWh/1000h

### Country specific categorizations

ILCOS	DRPAR-3,3/840-230-GU10-50/36
Order reference	PPAR16D3536 3,3



Guarantee

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899943926	PARATHOM PAR16 35 36° ADV 3.3 W/840 GU10	Shipping carton box 10	267 mm x 111 mm x 77 mm	2.28 dm <sup>3</sup>	521.00 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.