

# PRODUCT FAMILY DATASHEET

## LED VALUE PAR16

LED reflector lamps PAR16 with retrofit pin base



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### AREAS OF APPLICATION

- Spotlighting for accents
- Domestic applications
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires
- As a downlight for marking walkways, doors, stairs, etc.
- Atmospheric accent lighting throughout the home
- All domestic rooms, especially where the lamps are visible

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### PRODUCT BENEFITS

- Ideal for economical spotlighting
- Alternative to line-voltage halogen lamps
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Shockproof and vibration-proof thanks to LED technology
- Professional thermal management

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### PRODUCT FEATURES

- LED lamps for line voltage
- Not dimmable
- Base: GU10
- Mercury-free lamps
- Lifetime: up to 15,000 h



TECHNICAL DATA

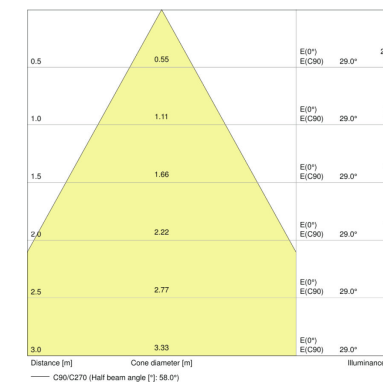
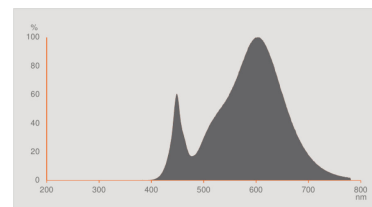
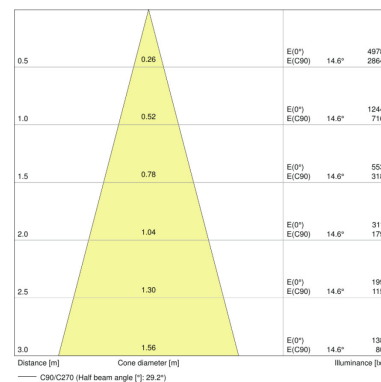
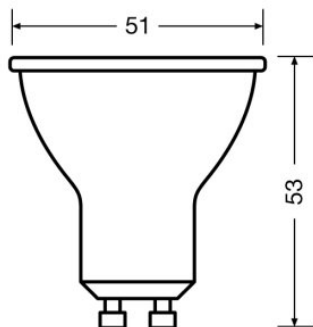
| Product description                                 | Electrical data |                 |  |  |  | Photometrical data    |                     |   |                           |
|---|-----------------|-----------------|--|--|--|-----------------------|---------------------|---|---------------------------|
|   | Nominal wattage | Nominal voltage | Claimed equiv. conventional lamp power | Max. lamp no. on circuit break. 10 A (B) | Max. lamp no. on circuit break. 16 A (B) | Nominal luminous flux | Rated luminous flux | Lumen main.fact.at end of nom.life time | Light color (designation) |
| VALUE PAR 16 80 36° 6.9 W/3000K GU10 <sup>1)</sup>  | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Warm White                |
| VALUE PAR 16 80 120° 6.9 W/3000K GU10 <sup>1)</sup> | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Warm White                |
| LED VALUE PAR 16 60° 6.9 W/3000K GU10 <sup>1)</sup> | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Warm White                |
| VALUE PAR 16 80 36° 6.9 W/4000K GU10 <sup>1)</sup>  | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Cool White                |
| VALUE PAR 16 80 120° 6.9 W/4000K GU10 <sup>1)</sup> | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Cool White                |
| LED VALUE PAR 16 60° 6.9 W/4000K GU10 <sup>1)</sup> | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Cool White                |
| VALUE PAR 16 80 36° 6.9 W/6500K GU10 <sup>1)</sup>  | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Cool Daylight             |
| VALUE PAR 16 80 120° 6.9 W/6500K GU10 <sup>1)</sup> | 6.90 W          | 220...240 V     | 80 W                                   | 59                                       | 97                                       | 575 lm                | 575 lm              | 0.70                                    | Cool Daylight             |

| Product description                                 | Color temperature | Luminous flux | Color rendering index Ra | Light technical data | Dimensions & weight |          | Temperatures & operating conditions | Lifespan               |                            |
|---|-------------------|---------------|--------------------------|----------------------|---------------------|----------|-------------------------------------|------------------------|----------------------------|
|   |                   |               |                          | Warm-up time (60 %)  | Overall length      | Diameter | Ambient temperature range           | Nominal lamp life time | Number of switching cycles |
| VALUE PAR 16 80 36° 6.9 W/3000K GU10 <sup>1)</sup>  | 3000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| VALUE PAR 16 80 120° 6.9 W/3000K GU10 <sup>1)</sup> | 3000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| LED VALUE PAR 16 60° 6.9 W/3000K GU10 <sup>1)</sup> | 3000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |

| Product description                                 | Color temperature | Luminous flux | Color rendering index Ra | Light technical data | Dimensions & weight |          | Temperatures & operating conditions | Lifespan               |                            |
|---|-------------------|---------------|--------------------------|----------------------|---------------------|----------|-------------------------------------|------------------------|----------------------------|
|   |                   |               |                          | Warm-up time (60 %)  | Overall length      | Diameter | Ambient temperature range           | Nominal lamp life time | Number of switching cycles |
| VALUE PAR 16 80 36° 6.9 W/4000K GU10 <sup>1)</sup>  | 4000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| VALUE PAR 16 80 120° 6.9 W/4000K GU10 <sup>1)</sup> | 4000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| LED VALUE PAR 16 60° 6.9 W/4000K GU10 <sup>1)</sup> | 4000 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| VALUE PAR 16 80 36° 6.9 W/6500K GU10 <sup>1)</sup>  | 6500 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |
| VALUE PAR 16 80 120° 6.9 W/6500K GU10 <sup>1)</sup> | 6500 K            | 575 lm        | ≥80                      | < 0.50 s             | 55.0 mm             | 51.0 mm  | -20...+40 °C                        | 10000 h                | 100000                     |

| Product description                                 | Additional product data     |              | Capabilities | Certificates & standards |                    |
|---|-----------------------------|--------------|--------------|--------------------------|--------------------|
|   | Base (standard designation) | Mercury-free | Dimmable     | Energy efficiency class  | Energy consumption |
| VALUE PAR 16 80 36° 6.9 W/3000K GU10 <sup>1)</sup>  | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| VALUE PAR 16 80 120° 6.9 W/3000K GU10 <sup>1)</sup> | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| LED VALUE PAR 16 60° 6.9 W/3000K GU10 <sup>1)</sup> | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| VALUE PAR 16 80 36° 6.9 W/4000K GU10 <sup>1)</sup>  | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| VALUE PAR 16 80 120° 6.9 W/4000K GU10 <sup>1)</sup> | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| LED VALUE PAR 16 60° 6.9 W/4000K GU10 <sup>1)</sup> | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| VALUE PAR 16 80 36° 6.9 W/6500K GU10 <sup>1)</sup>  | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |
| VALUE PAR 16 80 120° 6.9 W/6500K GU10 <sup>1)</sup> | GU10                        | Yes          | No           | A+                       | 7 kWh/1000h        |

1) 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

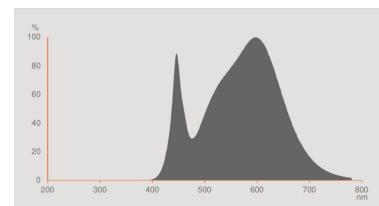
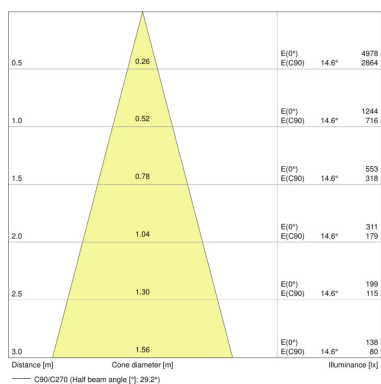


VALUE PAR 16 80 36° 6.9 W/3000K GU10, VALUE PAR 16 80 120° 6.9 W/3000K GU10, LED VALUE PAR 16 60° 6.9 W/3000K GU10, VALUE PAR 16 80 36° 6.9 W/4000K GU10, VALUE PAR 16 80 120° 6.9 W/4000K GU10, LED VALUE PAR 16 60° 6.9 W/4000K GU10, VALUE PAR 16 80 36° 6.9 W/6500K GU10, VALUE PAR 16 80 120° 6.9 W/6500K GU10

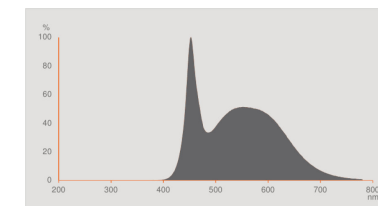
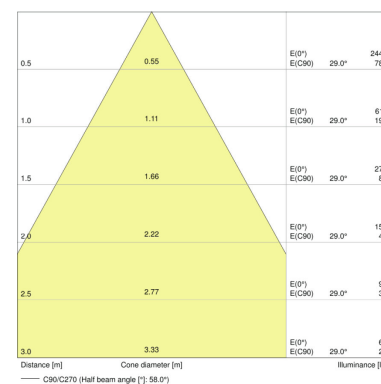
VALUE PAR 16 80 36° 6.9 W/3000K GU10

VALUE PAR 16 80 120° 6.9 W/3000K GU10

LED VALUE PAR 16 60° 6.9 W/3000K GU10



VALUE PAR 16 80 120° 6.9 W/4000K GU10



LED VALUE PAR 16 60° 6.9 W/4000K GU10

VALUE PAR 16 80 36° 6.9 W/6500K GU10, VALUE PAR 16 80 120° 6.9 W/6500K GU10

### APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075096653 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096714 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096776 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096677 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075096738 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096790 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096691 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |
| 4058075096752 | Shipping carton box<br>10    | 257 mm x 110 mm x 70 mm              | 600.00 g     | 1.98 dm <sup>3</sup> |

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.

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#### DISCLAIMER

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