

## PRODUCT DATASHEET

### PPRO PAR 30 30 ° 28 W/4000 K E27 HB

PARATHOM® PRO HIGH BRIGHTNESS PAR30 | LED reflector lamps PAR30 with retrofit screw base



#### Areas of application

- Shops
- Exhibitions, department stores

#### Product benefits

- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam

#### Product features

- Professional LED lamp
- Not suitable for use with dimmers
- Base: E27
- Lifetime up to 25,000 h
- Mercury-free and RoHS compliant
- High color consistency:  $\leq 5$  sdcm



## TECHNICAL DATA

### Electrical data

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 28 W        |
| Construction wattage                   | 28.00 W     |
| Nominal voltage                        | 100...240 V |
| Claimed equiv. conventional lamp power | 200 W       |
| Nominal current                        | 232 mA      |
| Type of current                        | AC          |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | $\geq 0.90$ |

### Photometrical data

|                                         |               |
|-----------------------------------------|---------------|
| Luminous intensity                      | 8400 cd       |
| Luminous flux                           | 3000 lm       |
| Nominal useful luminous flux 90°        | 3000 lm       |
| Luminous efficacy                       | 107 lm/W      |
| Lumen main.fact.at end of nom.life time | 0.70          |
| Light color (designation)               | Cool White    |
| Color temperature                       | 4000 K        |
| Color rendering index Ra                | $\geq 80$     |
| Light color                             | 840           |
| Standard deviation of color matching    | $\leq 6$ sdcn |
| Rated peak intensity                    | 8400 cd       |

### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 30 °    |
| Starting time | < 1.0 s |

### Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 124.00 mm |
| Diameter         | 95.00 mm  |
| Maximum diameter | 95 mm     |
| Product weight   | 360.00 g  |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

Lifespan

|                                              |        |
|----------------------------------------------|--------|
| Number of switching cycles                   | 100000 |
| Lumen maintenance at end of service lifetime | 0.70   |

Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | E27    |
| Mercury content             | 0.0 mg |

Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | A               |
| Energy consumption      | 28.00 kWh/1000h |
| Type of protection      | IP20            |

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LPPPR303028W/84 |
|-----------------|-----------------|

LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

Energy labelling regulation data acc EU 2019/2015

|                                                     |           |
|-----------------------------------------------------|-----------|
| Light source cap-type (or other electric interface) | E27       |
| Length                                              | 124.00 mm |
| Height                                              | 95.00 mm  |
| Width                                               | 95.00 mm  |

DOWNLOAD DATA

| Photometric and lighting design files                                               |                     | Document name             |
|-------------------------------------------------------------------------------------|---------------------|---------------------------|
|  | IES file (IES)      | LPPPR3030 28W 127V HB E27 |
|  | IES file (IES)      | LPPPR3030 28W 220V HB E27 |
|  | LDT file (Eulumdat) | LPPPR3030 28W 127V HB E27 |

| Photometric and lighting design files                                            |                                     | Document name             |
|----------------------------------------------------------------------------------|-------------------------------------|---------------------------|
|  | LDT file (Eulumdat)                 | LPPPR3030 28W 220V HB E27 |
|  | Light distribution curve type polar | LPPPR3030 28W 127V HB E27 |
|  | Light distribution curve type polar | LPPPR3030 28W 220V HB E27 |
|  | Light distribution curve type polar | LPPPR3030 28W 127V HB E27 |
|  | Light distribution curve type polar | LPPPR3030 28W 220V HB E27 |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075677036 | Folding box<br>1             | 103 mm x 103 mm x 175 mm             | 412.00 g     | 1.86 dm <sup>3</sup>  |
| 4058075677043 | Shipping box<br>10           | 535 mm x 225 mm x 205 mm             | 4667.00 g    | 24.68 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.

## References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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