

# PRODUCT DATASHEET

## LED PFM CLAS A 48 7.5 W/3000 K B22d

LED RECHARGEABLE LAMP | Emergency lighting



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### Areas of application

- Suitable for indoor applications.
- Outdoor application without contact of water

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### Product benefits

- Can work as emergency lamp when black out
- Can use as normal LED bulb when have power
- Comfortable light which bring instant nice ambiance
- Reliable operation thanks to brand quality

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### Product features

- LED lamp for camping and night market
- Rechargeable more than 300 times, 100% depth of discharge
- Wide beam angle: 200°
- Power factor: 0.9
- Light up by hang socket
- Operating frequency: 50...60 Hz
- Not suitable for use with dimmers
- Operating temperature from -20 °C to up to +40 °C, up to 95 % relative humidity
- Input voltage: AC 100-240 V



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## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Nominal wattage                        | 7.5 W       |
| Construction wattage                   | 7.50 W      |
| Nominal voltage                        | 110...240 V |
| Claimed equiv. conventional lamp power | 48 W        |
| Nominal current                        | 60 mA       |
| Type of current                        | AC          |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | > 0.50      |

### Photometrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Luminous flux                        | 700 lm              |
| Nominal useful luminous flux 90°     | 700 lm              |
| Luminous efficacy                    | 93 lm/W             |
| Light color (designation)            | Warm White          |
| Color temperature                    | 3000 K              |
| Color rendering index Ra             | > 80                |
| Light color                          | 830                 |
| Standard deviation of color matching | ≤6 sdc <sub>m</sub> |

### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 180 °   |
| Starting time | < 0.5 s |

### Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 137.00 mm |
| Diameter         | 70.00 mm  |
| Maximum diameter | 70 mm     |
| Product weight   | 101.00 g  |

## Temperatures &amp; operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|---------------------------|--------------|

## Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

## Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | B22d   |
| Mercury content             | 0.0 mg |

## BATTERY

|                    |       |
|--------------------|-------|
| Battery size [GMS] | 18650 |
|--------------------|-------|

## Capabilities

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

## Certificates &amp; Standards

|  |                           |
|--|---------------------------|
| Type of protection                           | IP20                      |
| Standards                                    | CB / ROHS / MSDS / UN38.3 |
| Photobiological safety group acc. to EN62778 | RG1                       |

## Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LP RECH CLA 7,5 |
|-----------------|-----------------|

## Energy labelling regulation data acc EU 2019/2015

|   |           |
|---|-----------|
| Light source cap-type (or other electric interface) | B22d      |
| Length  | 137.00 mm |
| Height  | 70.00 mm  |
| Width   | 70.00 mm  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854041129 | Folding box<br>1             | 73 mm x 73 mm x 148 mm               | 140.00 g     | 0.79 dm <sup>3</sup> |
| 4099854041136 | Shipping box<br>10           | 381 mm x 156 mm x 167 mm             | 1640.00 g    | 9.93 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.