

# PRODUCT DATASHEET

## LED PFM CLAS A 7 W/2700 K B22d DIM GEN4

LED PERFORMANCE CLASSIC A DIMMABLE | LED lamps, classic bulb shape, with retrofit screw base



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### Areas of application

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

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### Product benefits

- Very high dimmer compatibility, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam
- Good quality of light
- Reliable operation thanks to brand quality

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### Product features



- Long lifetime up to 25,000 h
- Color rendering index  $R_a$ :  $\geq 80$
- High color consistency:  $< 6$  SDCM
- Luminous efficacy: up to 117 lm/W
- Mercury-free lamps
- Operating temperature from  $-20\text{ }^{\circ}\text{C}$  to up to  $+40\text{ }^{\circ}\text{C}$ , up to 95 % relative humidity

## TECHNICAL DATA

### Electrical data

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 7 W         |
| Construction wattage                   | 7.00 W      |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 60 W        |
| Nominal current                        | 42 mA       |
| Type of current                        | AC          |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | > 0.50      |

### Photometrical data

|                                      |            |
|--------------------------------------|------------|
| Luminous flux                        | 806 lm     |
| Nominal useful luminous flux 90°     | 806 lm     |
| Luminous efficacy                    | 115 lm/W   |
| Light color (designation)            | Warm White |
| Color temperature                    | 2700 K     |
| Color rendering index Ra             | 80         |
| Light color                          | 827        |
| Standard deviation of color matching | ≤6 sdcn    |

### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 300 °   |
| Starting time | < 0.5 s |

### Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 104.00 mm |
| Diameter         | 60.00 mm  |
| Maximum diameter | 60 mm     |
| Product weight   | 30.00 g   |

### Temperatures & operating conditions

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

### Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 50000 |
|----------------------------|-------|

Additional product data

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

Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Certificates & Standards

|                    |          |
|--------------------|----------|
| Type of protection | IP20     |
| Standards          | CB / SAA |

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LPCLADIM 7W/827 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

|                                                     |           |
|-----------------------------------------------------|-----------|
| Light source cap-type (or other electric interface) | B22d      |
| Length                                              | 104.00 mm |
| Height                                              | 60.00 mm  |
| Width                                               | 60.00 mm  |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075746107 | Folding box<br>1             | 61 mm x 61 mm x 115 mm               | 61.00 g      | 0.43 dm <sup>3</sup> |
| 4058075746114 | Shipping box<br>10           | 322 mm x 137 mm x 135 mm             | 797.00 g     | 5.96 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.

DISCLAIMER

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