

# PRODUCT DATASHEET

## P CLAS A 150 21 W/2700K E27

PARATHOM CLASSIC A DIM | Dimmable LED lamps, classic bulb shape



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### AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

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### PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

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### PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Rated wattage                            | 21.00 W     |
| Nominal wattage                          | 21.00 W     |
| Nominal voltage                          | 220...240 V |
| Max. lamp no. on circuit break. 10 A (B) | 79          |
| Max. lamp no. on circuit break. 16 A (B) | 122         |
| Operating frequency                      | 50...60 Hz  |
| Power factor $\lambda$                   | > 0.90      |
| Claimed equiv. conventional lamp power   | 150 W       |

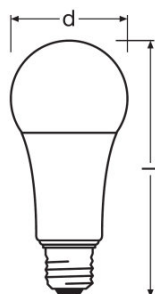
### Photometrical data

|   |                           |
|---|---------------------------|
| Nominal luminous flux                   | 2452 lm                   |
| Rated luminous flux                     | 2452 lm                   |
| Lumen main.fact.at end of nom.life time | 0.70                      |
| Light color (designation)               | Warm White                |
| Color temperature                       | 2700 K                    |
| Luminous flux                           | 2452 lm                   |
| Color rendering index Ra                | $\geq 80$                 |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Rated color temperature                 | 2700 K                    |
| Color rendering index Ra                | $\geq 80$                 |

### Light technical data

|                     |          |
|---------------------|----------|
| Warm-up time (60 %) | < 1.00 s |
| Starting time       | < 0.5 s  |

### Dimensions & weight



|                |          |
|----------------|----------|
| Overall length | 143.0 mm |
|----------------|----------|

|                   |          |
|-------------------|----------|
| <b>Diameter</b>   | 67.0 mm  |
| <b>Outer bulb</b> | A67      |
| <b>Length</b>     | 143.0 mm |

#### Temperatures & operating conditions

|   |              |
|---|--------------|
| <b>Ambient temperature range</b>            | -20...+40 °C |
| <b>Maximum temperature at tc test point</b> | 110 °C       |

#### Lifespan

|   |         |
|---|---------|
| <b>Nominal lamp life time</b>                   | 25000 h |
| <b>Rated lamp life time</b>                     | 25000 h |
| <b>Number of switching cycles</b>               | 100000  |
| <b>Lumen maintenance at end of service life</b> | 0.70    |

#### Additional product data

|                                    |  |
|------------------------------------|--|
| <b>Base (standard designation)</b> | E27  |
| <b>Mercury content</b>             | 0.0 mg   |
| <b>Mercury-free</b>                | Yes  |
| <b>Design / version</b>            | frosted  |
| <b>Show WEEE picto</b>             | Yes  |
| <b>Product remark</b>              | 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance) |

#### Capabilities

|                 |     |
|-----------------|-----|
| <b>Dimmable</b> | Yes |
|-----------------|-----|

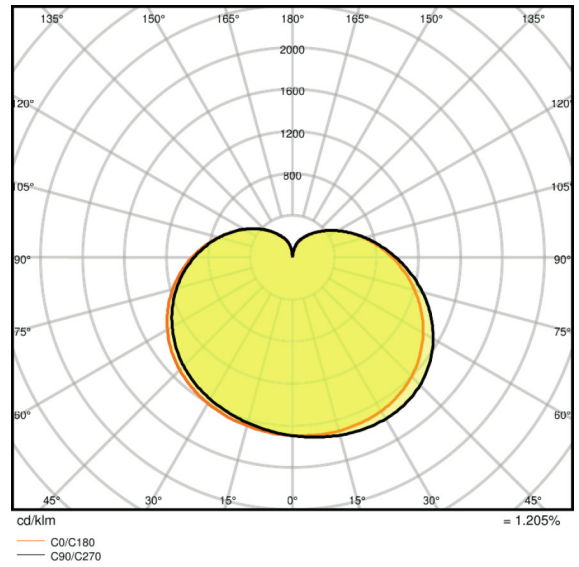
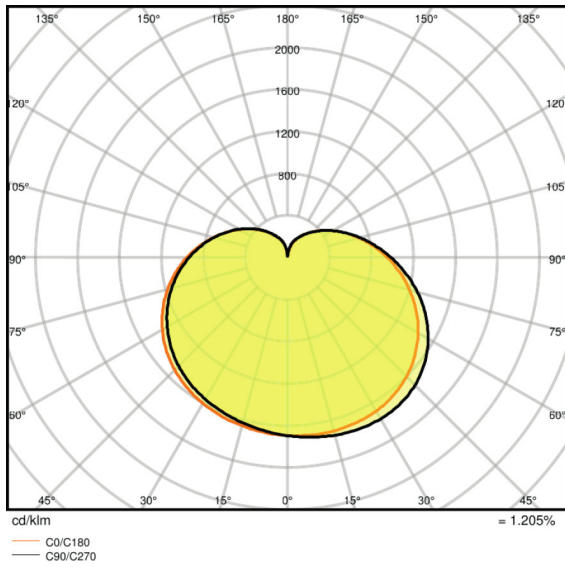
#### Certificates & standards

|                                |              |
|--------------------------------|--------------|
| <b>Energy efficiency class</b> | A+           |
| <b>Energy consumption</b>      | 21 kWh/1000h |

#### Country-specific categorizations

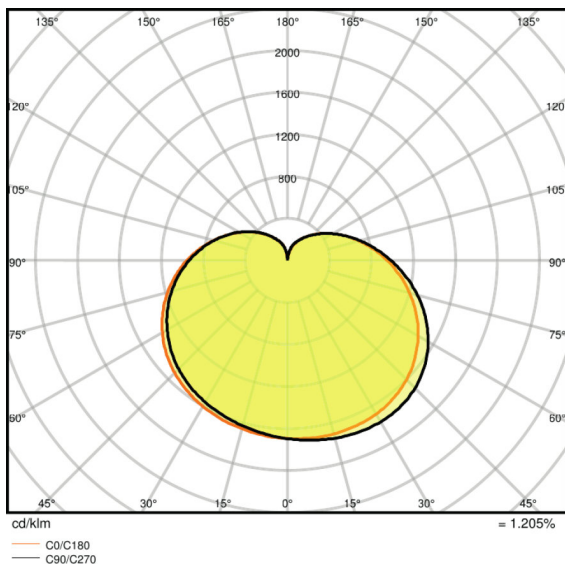
|                        |                              |
|------------------------|------------------------------|
| <b>ILCOS</b>           | DRAA/F-21/827-220-240-E27-60 |
| <b>Order reference</b> | LEDPCLA150D 21W              |

Light Distribution



LDC typ polar

LDC typ polar



LDC typ polar

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

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|               |                           |                          |           |                      |
|---------------|---------------------------|--------------------------|-----------|----------------------|
| 4058075462632 | Folding carton box<br>1   | 67 mm x 67 mm x 145 mm   | 233.00 g  | 0.65 dm <sup>3</sup> |
| 4058075462649 | Shipping carton box<br>10 | 348 mm x 145 mm x 159 mm | 2457.00 g | 8.02 dm <sup>3</sup> |

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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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#### REFERENCES / LINKS

For dimming conformity see

▶ [www.ledvance.com/dim](http://www.ledvance.com/dim)

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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#### DISCLAIMER

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