

# PRODUCT DATASHEET

## LED CCT SELECTABLE CLA 12 W/3000 K / 4500 K / 6500 K B22 DIM

LED PERFORMANCE LAMPS WITH CLASSIC BULBS TRI CCT | LED lamps with classic shape and TruWave



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### Areas of application

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

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### Product benefits

- TRI Colour 3000K/4500K/6500K
- LED lamps with innovative TruWave Technology™
- Support sleep/wake cycle thanks mimic of the natural light spectrum
- The balanced blue light spectrum can support attention, reaction time and mood
- Low energy consumption

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### Product features

- Color rendering index  $R_a$ :  $\geq 80$
- Lifetime up to 15,000 h
- Mercury-free lamps



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## TECHNICAL DATA

### Electrical data

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 12 W        |
| Construction wattage                   | 12.00 W     |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 90 W        |
| Nominal current                        | 60 mA       |
| Type of current                        | AC          |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | > 0.70      |

### Photometrical data

|                                         |                          |
|-----------------------------------------|--------------------------|
| Luminous flux                           | 1200 lm                  |
| Nominal useful luminous flux 90°        | 1200 lm                  |
| Luminous efficacy                       | 100 lm/W                 |
| Lumen main.fact.at end of nom.life time | 0.70                     |
| Color temperature                       | 3000 K / 4500 K / 6500 K |
| Color rendering index Ra                | > 80                     |
| Light color                             | 830/845/865              |
| Standard deviation of color matching    | ≤6 sdcn                  |

### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 150 °   |
| Starting time | < 0.5 s |

### Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 108.00 mm |
| Diameter         | 60.00 mm  |
| Maximum diameter | 60 mm     |
| Product weight   | 55.00 g   |

## Temperatures &amp; operating conditions

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

## Lifespan

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

## Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | B22    |
| Mercury content             | 0.0 mg |

## Capabilities

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

## Certificates &amp; Standards

|                                              |      |
|----------------------------------------------|------|
| Type of protection                           | IP20 |
| Standards                                    | CB   |
| Photobiological safety group acc. to EN62778 | RG1  |

## Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LPCLAD 12W/830/ |
|-----------------|-----------------|

## Energy labelling regulation data acc EU 2019/2015

|                                                     |           |
|-----------------------------------------------------|-----------|
| Light source cap-type (or other electric interface) | B22       |
| Length                                              | 108.00 mm |
| Height                                              | 60.00 mm  |
| Width                                               | 60.00 mm  |

## DOWNLOAD DATA

| Photometric and lighting design files                                              |                                     | Document name                   |
|------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|
|  | IES file (IES)                      | LPCLAD 12W 830845865 240V-3000K |
|  | LDT file (Eulumdat)                 | LPCLAD 12W 830845865 240V-3000K |
|  | Light distribution curve type polar | LPCLAD 12W 830845865 240V-3000K |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854082047 | Folding box<br>1             | 62 mm x 62 mm x 113 mm               | 76.00 g      | 0.43 dm <sup>3</sup> |
| 4099854082054 | Shipping box<br>10           | 326 mm x 135 mm x 132 mm             | 857.00 g     | 5.81 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.