

# PRODUCT DATASHEET

## LED VALUE COB Downlight 10 W 4000 K

LED VALUE COB DOWNLIGHT | Downlights



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### Areas of application

- Offices
- Shopping malls
- Retail and small shops
- Hospitality

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### Product benefits

- Stylish design
- Die-cast aluminum housing for improved heat dissipation
- Energy savings thanks to system efficacy of up to 100 lm/W
- External driver design makes the product quality more reliable
- Less than 51 mm product height make it easy to fit in tight ceiling spaces
- Low maintenance costs thanks to long lifetime
- High efficient COB LED ensure system liability

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### Product features

- Available in whole product family 3", 4", 6" and 8"
- Available with wattage in whole product family: 7 W, 10 W, 20 W, 30 W and 40 W
- 110-240 V make it more flexible in different countries
- Available with color temperature in whole product family: 3,000K, 4,000K, 6,500K
- Color rendering index  $R_a > 80$
- Color consistency: SDCM26



– Certificate: CB

## TECHNICAL DATA

### Electrical data

|                        |                     |
|------------------------|---------------------|
| Nominal wattage        | 10.00 W             |
| Nominal voltage        | 110...240 V         |
| Mains frequency        | 50...60 Hz          |
| Nominal current        | 34.000 mA           |
| Power factor $\lambda$ | > 0.5               |
| Protection class       | II                  |
| Operating mode         | External LED driver |

### Photometrical data

|                                      |            |
|--------------------------------------|------------|
| Luminous flux                        | 900 lm     |
| Luminous efficacy                    | 90 lm/W    |
| Color temperature                    | 4000 K     |
| Light color (designation)            | Cool White |
| Color rendering index Ra             | 80         |
| Standard deviation of color matching | ≤6 sdcn    |
| Beam angle                           | 110 °      |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 115.00 mm |
| Width          | 115.00 mm |
| Height         | 43.00 mm  |
| Product weight | 180.00 g  |
| Cable length   | 200 mm    |

### Materials & Colors

|                 |          |
|-----------------|----------|
| Body material   | Aluminum |
| Mercury content | 0.0 mg   |

### Application & Mounting

|                              |               |
|------------------------------|---------------|
| Ambient temperature range    | -20...+40 °C  |
| Temperature range at storage | -20...+80 °C  |
| Type of connection           | Cable, 2-pole |
| Type of protection           | IP20          |
| Dimmable                     | No            |

|                          |          |
|--------------------------|----------|
| Mounting type            | Recessed |
| Mounting location        | Ceiling  |
| Application environment  | Indoor   |
| Mounting diameter        | 100 mm   |
| Mounting depth           | 100 mm   |
| Replaceable light source | No       |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 100000                |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### DOWNLOAD DATA

| Photometric and lighting design files                                            |                | Document name            |
|----------------------------------------------------------------------------------|----------------|--------------------------|
|  | IES file (IES) | LDVAL DL COB 100 10W 840 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075514683 | Folding box<br>1             | 122 mm x 59 mm x 129 mm              | 213.00 g     | 0.93 dm <sup>3</sup>  |
| 4058075514690 | Shipping box<br>36           | 387 mm x 372 mm x 280 mm             | 8447.00 g    | 40.31 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.