

# PRODUCT DATASHEET

## LED VALUE COB Downlight 7 W 6500 K

LED VALUE COB DOWNLIGHT | Downlights



### Areas of application

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

### 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

### 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: SDCM $\leq 6$



– Certificate: CB

## TECHNICAL DATA

### Electrical data

|                        |                     |
|------------------------|---------------------|
| Nominal wattage        | 7.00 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                        | 630 lm        |
| Luminous efficacy                    | 90 lm/W       |
| Color temperature                    | 6500 K        |
| Light color (designation)            | Daylight      |
| Color rendering index Ra             | 80            |
| Standard deviation of color matching | $\leq 6$ sdcn |
| Beam angle                           | 110 °         |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Length         | 95.00 mm |
| Width          | 95.00 mm |
| Height         | 41.00 mm |
| Product weight | 149.00 g |
| Cable length   | 200 mm   |

LDVAL DL COB 70 7W

### 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            | 70,0 mm         |
| Mounting depth               | 100 mm          |
| LED module replaceable       | Not replaceable |

### Lifespan

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

<sup>1)</sup> 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 70 7W 865 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075514645 | Folding box<br>1             | 102 mm x 52 mm x 114 mm              | 174.00 g     | 0.60 dm <sup>3</sup>  |
| 4058075514652 | Shipping box<br>48           | 427 mm x 327 mm x 250 mm             | 9037.00 g    | 34.91 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.