

# PRODUCT DATASHEET

## ULTRA COMMERCIAL DOWNLIGHT 16-20W

### 160MM TRI DALI

ULTRA COMMERCIAL DOWNLIGHT | The Ultra Commercial Downlight offers an economical solution for both new projects and the replacement of larger diameter luminaires, such as older compact fluorescent



#### Areas of application

- Public areas
- Reception areas and foyers
- Entrances / Hallways
- Retail and small shops
- Hospitality
- Commercial applications
- Lobbies

#### Product benefits

- Phase dim: 10.5W, 12W, 14W, 19/14W, 20/14W, 30/23W, 40/30W
- DALI: 11W, 14.5W, 18W, 18/15W, 20/16W, 29/23W, 39/29W
- Cut out size in 92mm, 118mm, 135mm, 160mm, 195mm, 240mm
- Available in phase dimming and DALI

#### Product features

- TRI colour in 3000K, 4000K and 5700K
- Type of protection: IP54
- Pre-wired with 1.6m flex and plug
- Lifetime up to 50,000 h
- High luminous efficacy: up to 135 lm/W

TECHNICAL DATA

Electrical data

|                        |                     |
|------------------------|---------------------|
| Nominal wattage        | 16.0 W / 20.0 W     |
| Nominal voltage        | 220...240 V         |
| Mains frequency        | 50...60 Hz          |
| Power factor $\lambda$ | > 0.90              |
| Protection class       | II                  |
| Operating mode         | External LED driver |

Photometrical data

|                           |                                         |
|---------------------------|-----------------------------------------|
| Luminous flux             | 2100 lm / 2500 lm / 2300 lm             |
| Luminous efficacy         | 125 lm/W                                |
| Color temperature         | 3000 K / 4000 K / 5700 K                |
| Light color (designation) | Warm White / Cool White / Cool Daylight |
| Color rendering index Ra  | 80                                      |
| Beam angle                | 105 °                                   |
| UGR                       | < 22                                    |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 230.00 mm |
| Height         | 63.00 mm  |
| Product weight | 425.00 g  |

LDECO DL 160MM TRI

Materials & Colors

|                 |          |
|-----------------|----------|
| Product color   | White    |
| Housing color   | White    |
| Body material   | Aluminum |
| Mercury content | 0.0 mg   |

Application & Mounting

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Type of protection        | IP54/IP20    |
| Dimmable                  | Yes          |
| Type of dimming           | DALI         |

|                          |          |
|--------------------------|----------|
| Mounting type            | Recessed |
| Mounting location        | Ceiling  |
| Application environment  | Indoor   |
| Mounting diameter        | 160 mm   |
| Replaceable light source | No       |

### Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h <sup>1)</sup> |
|---------------------------|-----------------------|

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

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854333996 | Folding box<br>1             | 260 mm x 212 mm x 91 mm              | 561.00 g     | 5.02 dm <sup>3</sup>  |
| 4099854334009 | Shipping box<br>8            | 442 mm x 278 mm x 400 mm             | 5194.00 g    | 49.15 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.