

PRODUCT DATASHEET

LED Value Slim Downlight 18 W/6500 K

LED VALUE SLIM DOWNLIGHT | Flat downlight luminaires



Areas of application

- Corridors, entrance areas
- Foyers
- Elevators
- Retail

Product benefits

- Die-cast aluminum housing for improved heat dissipation
- No light can escape at the back of the luminaires thanks a special cover
- Elegant design

Product features

- Product color: white
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Color rendering index R_a : > 80
- High color consistency: ≤ 6 SDCM
- Luminaire efficacy: up to 89 lm/W
- Type of protection: IP20
- Lifetime (L70/B50): up to 30,000 h
- Protection class: II
- Uniform illumination



TECHNICAL DATA

Electrical data

| | |
|------------------------|-------------|
| Nominal wattage | 18.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | 0.50 |
| Protection class | II |

Photometrical data

| | |
|--------------------------------------|---------------------------|
| Luminous flux | 1600 lm |
| Luminous efficacy | 89 lm/W |
| Color temperature | 6500 K |
| Light color (designation) | Daylight |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | ≤ 6 sdc _m |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 225.00 mm |
| Height | 20.00 mm |
| Product weight | 330.00 g |

LDVAL SLIM downlight RD 205
18W

Materials & Colors

| | |
|----------------|----------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum |
| Cover material | Plastic |

| | |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

Application & Mounting

| | |
|------------------------------|--------------|
| Ambient temperature range | -10...+50 °C |
| Temperature range at storage | -20...+70 °C |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 205,0 mm |
| Mounting depth | 30 mm |
| Replaceable light source | No |

Lifespan


| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Number of switching cycles | 25000 |

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

Certificates & Standards

| | |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|----------------|-----------------------------|
|  | IES file (IES) | LDVAL SLIMDL RD 205 18W 865 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075314030 | Folding box 1 | 230 mm x 47 mm x 230 mm | 429.00 g | 2.49 dm ³ |
| 4058075314047 | Shipping box 20 | 479 mm x 241 mm x 482 mm | 9301.00 g | 55.64 dm ³ |

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.