

PRODUCT DATASHEET

LED Value Slim Downlight 60 12W TRI8 SQ

LED VALUE SLIM DOWNLIGHT TRI CCT | Downlights



Areas of application

- Corridors
- Entrance areas
- Foyers
- Elevators
- Retail outlets

Product benefits

- Versatile range of sizes and tri-color options to meet various application needs
- Elegant design
- External dip switch allows for easy color selection and streamlined stock management
- Energy savings thanks to system efficacy of up to 90 lm/W
- Die-cast aluminum housing ensures reliable operation
- Low maintenance costs thanks to long lifetime

Product features

- Color temperature: 3,000 K, 4,000 K, 6,500 K
- Available in 4-inch, 6-inch, and 8-inch sizes, with recessed round and square shapes
- Available with wattage: 9 W, 12 W, 15 W and 18 W
- Color rendering index R_a : > 80
- Power factor: > 0.5
- Safety compliance certificates: CB, RoHS 2.0



TECHNICAL DATA

Electrical data

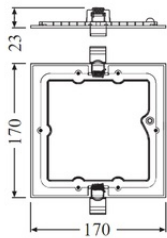
| | |
|--------------------------------------|-------------|
| Nominal wattage | 12.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 95.000 mA |
| Inrush current | 13 A |
| Inrush current time T _{h50} | 400 µs |
| Power factor λ | > 0.5 |
| Protection class | II |

Photometrical data

| | |
|--|------------------------------------|
| Luminous flux | 940 ... 1050 lm |
| Luminous efficacy | 84 lm/W / 90 lm/W / 85 lm/W |
| Color temperature | 3000...6500 K |
| Light color (designation) | Warm White / Cool White / Daylight |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤6 sdcn |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 170.00 mm |
| Width | 170.00 mm |
| Height | 23.00 mm |
| Product weight | 271.00 g |



LDVAL SlimDL TRI SQ 60

Materials & Colors

| | |
|--|-------------------------------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum |
| Cover material | Polymethylmethacrylate (PMMA) |
| Light emitting surface material | Polystyrene |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|------------------------------|--------------|
| Ambient temperature range | -10...+50 °C |
| Temperature range at storage | -20...+80 °C |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 155 mm |
| Mounting depth | 30 mm |
| With light source | Yes |
| 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


| | |
|--|-----------------|
| Standards | CB / RoHS |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |

Additional product data

| | |
|-----------------------|--------------|
| Number of illuminants | Not relevant |
|-----------------------|--------------|

DOWNLOAD DATA

| Documents and certificates | | Document name |
|---|--|------------------------|
|  | User instruction / safety instructions | LDVAL SLIMDL TRI COLOR |

| Photometric and lighting design files | | Document name |
|---|----------------|--|
|  | IES file (IES) | LDVAL SlimDL 60 SQ 12W TRI8 20X1 EN LEDV |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854116070 | Folding box 1 | 212 mm x 47 mm x 177 mm | 348.00 g | 1.76 dm ³ |
| 4099854116087 | Shipping box 20 | 478 mm x 223 mm x 376 mm | 7520.00 g | 40.08 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.