

# 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<sub>a</sub>: > 80
- Power factor: > 0.5
- Safety compliance certificates: CB, RoHS 2.0



# TECHNICAL DATA

#### Electrical data

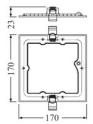
Nominal wattage	12.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	95.000 mA
Inrush current	13 A
Inrush current time T <sub>h50</sub>	400 μs
Power factor $\lambda$	> 0.5
Protection class	П

# Photometrical data

Luminous flux	940 1050 lm	
Luminous efficacy	84 lm/W / 90 lm/W / 85 lm/W	
Color temperature	30006500 K	
Light color (designation)	Warm White / Cool White / Daylight	
Color rendering index Ra	> 80	
Standard deviation of color matching	≤6 sdcm	
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 <sup>1)</sup>
Number of switching cycles	25000

<sup>1)</sup> 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
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#### **DOWNLOAD DATA**

Documents and certificates		Document name	
POF	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	212 mm x 47 mm x 177 mm	348.00 g	1.76 dm <sup>3</sup>
4099854116087	Shipping box 20	478 mm x 223 mm x 376 mm	7520.00 g	40.08 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.