

PRODUCT DATASHEET

LDVAL FL 150W TRI CCT

LED VALUE FLOODLIGHT TRI CCT | Floodlights



Areas of application

- Architectural lighting
- Security lighting
- Public areas

Product benefits

- Low windage thanks to the compact and slim design
- Breather protects luminaires against the siphonage
- Texture glass offer a comfortable lighting
- IP65 protection is suitable for outdoor application
- 50,000 h long lifetime reduces maintenance costs

Product features

- Available in 10 W, 20 W, 30 W, 50 W, 100 W, 150 W and 200 W
- TRI CCT (3000K/4000K/6500K)
- Color rendering index R_a : > 80
- Power factor: > 0.9
- Lifetime (L70/B50): 50,000 h (at 25 °C)
- Type of protection: IP65
- Impact resistance: IK06
- Safety compliance certificates: CB EMC RoHS 2.0 SASO

TECHNICAL DATA

Electrical data

Nominal wattage	150.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	I
Surge capability (L-N)	2 kV
Surge capability (L/N-Ground)	2 kV

Photometrical data

Luminous efficacy	130 lm/W
Color temperature	3000...4000...6500 K
Color rendering index Ra	≥80
Luminous intensity	7000 cd
Low flicker	No
Beam angle	110 °

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
150W	16500lm	3000K	
150W	19500lm	4000K	
150W	18000lm	6500K	

Dimensions & Weight

Length	346.00 mm
Width	294.00 mm
Height	43.00 mm
Product weight	2100.00 g



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Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...80 °C
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Application environment	Outdoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	50000 h
Number of switching cycles	30000

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 / EMC
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	LDVAL FL TRI CCT
Photometric and lighting design files		Document name
	IES file (IES)	LDVAL FL 150W TRI CCT 3000K
	IES file (IES)	LDVAL FL 150W TRI CCT 4000K

Photometric and lighting design files		Document name
	IES file (IES)	LDVAL FL 150W TRI CCT 6500K
	LDT file (Eulumdat)	LDVAL FL 150W TRI CCT 3000K
	LDT file (Eulumdat)	LDVAL FL 150W TRI CCT 4000K
	LDT file (Eulumdat)	LDVAL FL 150W TRI CCT 6500K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854505065	Folding box 1	355 mm x 49 mm x 299 mm	2240.00 g	5.20 dm ³
4099854505072	Shipping box 2	376 mm x 116 mm x 328 mm	4750.00 g	14.31 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.