PRODUCT DATASHEET
LDVAL FL 150W 840

LED VALUE FLOODLIGHT GEN3 | 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

Product features

– Lifetime: up to 30,000 h
– Available in 10 W, 20 W, 30 W, 50 W, 100 W, 150 W and 200 W
– Power factor: > 0.9
– Safety compliance certificates: CB, EMC, RoHS 2.0
– Driver on board technology platform
– Available with color temperature: 3,000 K, 4,000 K, 6,500 K
– Color rendering index R_a: > 80

TECHNICAL DATA

Electrical data

Nominal wattage	150.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	722.000 mA
Inrush current	20 A
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	15000 lm
Luminous efficacy	100 lm/W
Color temperature	4000 K
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Luminous intensity	5360 cd
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	305.00 mm
Width	274.00 mm
Height	48.00 mm
Product weight	1850.00 g
Cable length	500 mm

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
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Lifespan L80/B10 at 25 °C	24000 h
Lifespan L90/B10 at 25 °C	18000 h
Number of switching cycles	30000

Certificates & Standards

Standards	CB / RoHS / EMC

DOWNLOAD DATA

DOWNLOAD DATA
IES file (IES)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075589353	Folding box 1	86 mm x 350 mm x 319 mm	2040.00 g	9.60 dm³
4058075589360	Shipping box 2	359 mm x 180 mm x 331 mm	4401.00 g	21.39 dm³

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.