PRODUCT DATASHEET
LDVAL FL 50 W 6500 K Black GEN2

LED VALUE FLOODLIGHT | LED floodlight luminaires

Areas of application

– Architectural lighting
– Landscape lighting
– Billboard lighting
– Car parks

Product benefits

– Compact one piece housing and heat sink made of high grade die-cast aluminum
– Reduced windage area thanks to slim design
– Frosted cover made of tempered glass for uniform illumination
– Low maintenance and operation costs due to long lifetime of LED
– SMD LED design for high product reliability
– High efficiency and reliability

Product features

– High luminous efficacy: 90 lm/W
– Available with color temperature: 3,000 K, 6,500 K
– Type of protection: IP65
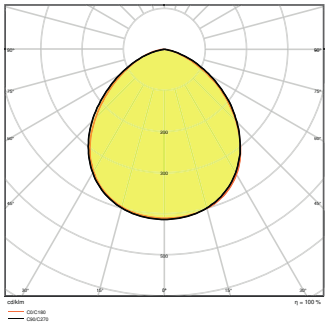– Pre-wired with mains cable
– Long lifetime: up to 30,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	240.000 mA
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

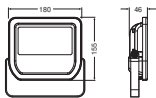|	
Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	≤5 sdcm
Beam angle	100 °

LDVAL FL 50 W 6500 K GEN2

Dimensions & Weight

Length	155.00 mm
Width	180.00 mm
Height	46.00 mm
Product weight	930.00 g

Cable length	500 mm

FLOODLIGHT LED 50W GEN2

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30…+50 °C
Temperature range at storage	-40…+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting location	Wall / Floor
Application environment	Outdoor
Replaceable light source	No

Lifespan

Number of switching cycles	30000

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	IES file (IES)	FLOODLIGHT LED 50W G2

	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	LDVAL FL 50 W 6500 K GEN2
	Light distribution curve type polar	LDVAL FL 50 W 6500 K GEN2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075340350	Folding box 1	203 mm x 52 mm x 195 mm	1017.00 g	2.03 dm^3
4058075340367	Shipping box 10	425 mm x 290 mm x 225 mm	10804.00 g	27.73 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.