

# PRODUCT DATASHEET

## LDVAL FL 50 W 6500 K BLACK GEN2 LCA

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
Power factor $\lambda$	>0.90
Mains frequency	50/60 Hz

### Photometrical data

Color temperature	6500 K
Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Daylight
Color rendering index Ra	$\geq 80$

### Dimensions & weight

Length	155.0 mm
Width	180.0 mm
Height	46.0 mm
Product weight	1010.00 g
Cable length	1500 mm

### Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black

### Temperatures & operating conditions

Ambient temperature range	-30...+50 °C
---------------------------	--------------

### Lifespan

Number of switching cycles	30000
----------------------------	-------

### Additional product data

Mounting type	Surface
Mounting location	Ceiling / Wall

### Capabilities

Dimmable	No
Type of connection	Cable, 3-pole

<b>LED module replaceable</b>	Not replaceable
-------------------------------	-----------------

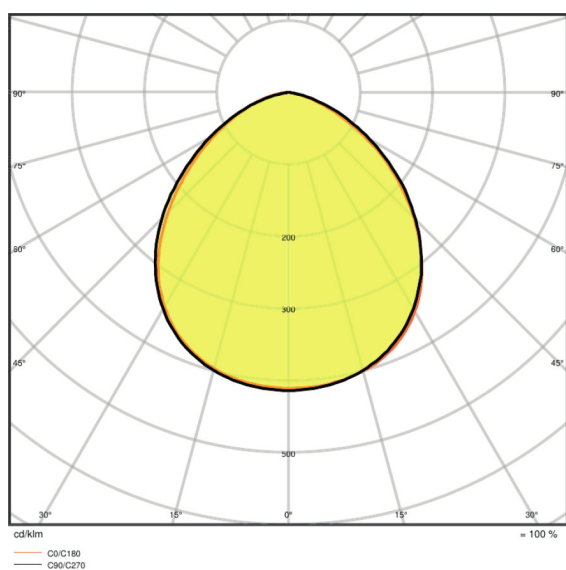
### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK07
<b>Protection class</b>	I
<b>Type of protection</b>	IP65

### Logistical data

<b>Temperature range at storage</b>	-40...+70 °C
-------------------------------------	--------------

### Light Distribution



LDC typ polar

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075214620	Folding carton box 1	202 mm x 53 mm x 246 mm	1028.00 g	2.63 dm <sup>3</sup>
4058075214637	Shipping carton box 10	425 mm x 290 mm x 275 mm	10957.00 g	33.89 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.