# PRODUCT DATASHEET
# LDVAL FL 200W 830

## 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 | 200.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 962.000 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 | 18000 lm |
| Luminous efficacy | 90 lm/W |
| Color temperature | 3000 K |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 5 sdcm |
| Luminous intensity | 6550 cd |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 110 ° |

### Dimensions & Weight

| | |
|---|---|
| Length | 340.00 mm |
| Width | 300.00 mm |
| Height | 55.00 mm |
| Product weight | 2520.00 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 |
|---|---|---|---|---|
| 4058075589452 | Folding box 1 | 93 mm x 383 mm x 344 mm | 2743.00 g | 12.25 dm³ |
| 4058075589469 | Shipping box 2 | 392 mm x 194 mm x 356 mm | 5862.00 g | 27.07 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.