

PRODUCT DATASHEET

LED ECO FLOODLIGHT 150 W 3000 K Gray

LED ECO FLOODLIGHT | LED floodlight luminaires



Areas of application

- Architectural lighting
- Landscape lighting
- Billboard lighting
- Industrial and storage facilities

Product benefits

- SMD LED design for high product reliability
- Reduced windage area thanks to slim design
- Frosted cover made of tempered glass for uniform illumination
- Dust and water protection according to IP65

Product features

- Color rendering index R_a : > 80
- Luminaire efficacy: up to 85 lm/W
- Die-cast aluminum housing
- Impact resistance: IK06
- Lifetime (L70/B50): up to 30,000 h
- 0.5 m cable between luminaires



TECHNICAL DATA

Electrical data

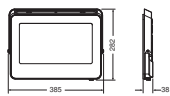
| | |
|------------------------|-----------------------|
| Nominal wattage | 150.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | 0.90 |
| Protection class | I |
| Operating mode | Integrated LED driver |

Photometrical data

| | |
|--------------------------------------|----------------------------|
| Luminous flux | 12150 lm |
| Luminous efficacy | 81 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 5 sdc _{cm} |
| Beam angle | 115 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 380.00 mm |
| Width | 282.00 mm |
| Height | 37.00 mm |
| Product weight | 2710.00 g |
| Cable length | 500 mm |



LDECO FL 150W

Materials & Colors

| | |
|---------------|----------|
| Product color | Gray |
| Housing color | Gray |
| Body material | Aluminum |

| | |
|-----------------|--------|
| Cover material | GLASS |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|---------------------|
| Ambient temperature range | -20...+50 °C |
| Temperature range at storage | -30...+70 °C |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | All surfaces / Wall |
| Application environment | Outdoor |

Lifespan


| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| 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

| | |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|---|----------------|-------------------|
|  | IES file (IES) | LDECO FL 150W 830 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075230538 | Folding box 1 | 390 mm x 190 mm x 45 mm | 2886.00 g | 3.33 dm³ |
| 4058075230545 | Shipping box 4 | 420 mm x 320 mm x 220 mm | 12390.00 g | 29.57 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.