

# PRODUCT DATASHEET

## LED ECO LITE FLOODLIGHT 150 W/3000 K

LED ECO LITE FLOODLIGHT G2 | Floodlights



### Areas of application

- Parking
- Sports facilities
- Billboard lighting
- Public areas

### Product benefits

- Low windage thanks to the compact and slim design
- Cable water stopper protects luminaires against the siphonage
- Texture glass offer a comfortable lighting
- IP65 protection is suitable for outdoor application

### Product features

- Driver on board technology platform
- Available in 10 W, 20 W, 30 W, 50 W, 100 W, 150 W and 200 W
- Standard CCT: 3000 K & 6500 K
- Color rendering index  $R_a$ : > 80
- Power factor: > 0.9
- Luminaire efficacy: up to 80 lm/W
- Lifetime: up to 20,000 h
- Safety compliance certificates: CB, EMC, RoHS 2.0

## TECHNICAL DATA

### Electrical data

Nominal wattage	150.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	0.61 A
Inrush current	2.1 A
Inrush current time $T_{h50}$	71.2 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	20
Max. number of luminaires per miniature circuit breaker C16	20
Power factor $\lambda$	0.90
Total harmonic distortion	$\leq 20$ %
Protection class	I

### Photometrical data

Luminous flux	12000 lm
Luminous efficacy	80 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Luminous intensity	4300
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

### Dimensions & Weight

Length	344.00 mm
Width	255.00 mm
Height	42.00 mm
Product weight	2240.00 g
Cable length	0.3 m

### Materials & Colors

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

### Application & Mounting

Ambient temperature range	-30...+45 °C
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
With light source	Yes

### Lifespan


Lifespan L70/B50 at 25 °C	20000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	20000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	20000 h

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

Standards	CB / ROHS / EMC
Replaceable light source (EPREL)	Not replaceable

### DOWNLOAD DATA

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

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075729681	Folding box 1	352 mm x 48 mm x 279 mm	2375.00 g	4.71 dm <sup>3</sup>
4058075729698	Shipping box 5	377 mm x 297 mm x 264 mm	12484.00 g	29.56 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

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