PRODUCT DATASHEET
LED ECO LITE FLOODLIGHT 50 W/6500 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	50.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	0.21 A
Inrush current	2.16 A
Inrush current time T_{h50}	3.73 µs
Max. number of luminaires per miniature circuit breaker B16	61
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	0.90
Total harmonic distortion	≤ 20 %
Protection class	I

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	80 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	1410
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	205.00 mm
Width	184.00 mm
Height	22.00 mm
Product weight	620.00 g
Cable length	0.2 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
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	20000 h [1]
Lifespan L80/B10 at 25 °C	20000 h [1]
Lifespan L80/B50 at 25 °C	20000 h

[1] 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 50W 865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075729469	Folding box 1	212 mm x 29 mm x 204 mm	678.00 g	1.25 dm³
4058075729476	Shipping box 20	447 mm x 427 mm x 169 mm	14245.00 g	32.26 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.