

PRODUCT DATASHEET

LED ECO FLOODLIGHT 50 W 6500 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

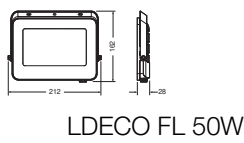
Nominal wattage	50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor λ	> 0.90
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4250 lm
Luminous efficacy	85 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	5 sdcm
Beam angle	120 °

Dimensions & Weight

Length	212.00 mm
Width	213.00 mm
Height	108.00 mm
Product weight	1090.00 g
Cable length	1000 mm



Materials & Colors

Product color	Gray
Housing color	Gray
Body material	ALU-DIECAST

Cover material	Tempered 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	Wall / All surfaces
Application environment	Outdoor
Replaceable light source	No

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
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDECO FL 50W 865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075332843	Folding box 1	220 mm x 60 mm x 190 mm	1202.00 g	2.51 dm ³
4058075332850	Shipping box 10	470 mm x 340 mm x 225 mm	12811.00 g	35.96 dm ³

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.