

# PRODUCT DATASHEET

## LED ECO FLOODLIGHT 70 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

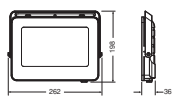
Nominal wattage	70.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor $\lambda$	0.90
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	5950 lm
Luminous efficacy	85 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 5$ sdc <sub>cm</sub>
Beam angle	115 °

Dimensions & Weight

Length	256.00 mm
Width	198.00 mm
Height	35.00 mm
Product weight	1130.00 g
Cable length	500 mm



LDECO FL 70W

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 <sup>1)</sup>
Number of switching cycles	30000

<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

Replaceable light source (EPREL)	Not replaceable
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### DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDECO FL 70W 865

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075340695	Folding box 1	260 mm x 40 mm x 215 mm	1220.00 g	2.24 dm <sup>3</sup>
4058075340701	Shipping box 8	370 mm x 295 mm x 250 mm	10542.00 g	27.29 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**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.