

# PRODUCT DATASHEET

## LED ECO FLOODLIGHT 100 W 6500 K GRAY

LED ECO FLOODLIGHT | LED floodlight luminaires



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### AREAS OF APPLICATION

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

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### 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

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### 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	100.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	0.90
Mains frequency	50/60 Hz

### Photometrical data

Color temperature	6500 K
Luminous flux	8500 lm
Luminous efficacy	85 lm/W
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Light color (designation)	Daylight
Color rendering index Ra	$\geq 80$

### Light technical data

Beam angle	115 °
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### Dimensions & weight

Length	320.0 mm
Width	238.0 mm
Height	37.0 mm
Product weight	1860.00 g
Cable length	500 mm

### Colors & materials

Body material	Aluminum
Product color	Gray
Housing color	Gray
Cover material	GLASS

### Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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### Lifespan

Number of switching cycles	30000
Lifespan L70/B50 at 25 °C	30000 h

### Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	All surfaces / Wall

### Capabilities

<b>Dimmable</b>	No
<b>LED module replaceable</b>	Not replaceable

### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK06
<b>Protection class</b>	I
<b>Type of protection</b>	IP65

### Logistical data

<b>Temperature range at storage</b>	-30...+70 °C
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075230514	Folding carton box 1	330 mm x 250 mm x 45 mm	2050.00 g	3.71 dm <sup>3</sup>
4058075230521	Shipping carton box 4	360 mm x 280 mm x 220 mm	8880.00 g	22.18 dm <sup>3</sup>
4058075340756	Folding carton box 1	330 mm x 250 mm x 45 mm	2050.00 g	3.71 dm <sup>3</sup>
4058075340763	Shipping carton box 4	370 mm x 285 mm x 205 mm	8862.00 g	21.62 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.