

# PRODUCT DATASHEET

## Floodlight Essential 10W 4000K

Essentials Floodlights with EU Plug | Essential Floodlight for basic user purpose with EU Plug for direct power connection



### Areas of application

- Outdoor
- Building facades

### Product benefits

- IP65 protection is suitable for outdoor application
- White satin-frosted diffuser for uniform glare-free light
- Demand based lighting and energy saving thanks to motion and daylight sensor (if applicable)

### Product features

- IP65 outdoor floodlight with EU Plug
- Adjustable light angle



## TECHNICAL DATA

### Electrical data

Nominal wattage	10.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	45.000 mA
Inrush current	0.047 A
Inrush current time $T_{h50}$	84 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	284
Max. number of luminaires per miniature circuit breaker C10	177
Max. number of luminaires per miniature circuit breaker C16	284
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

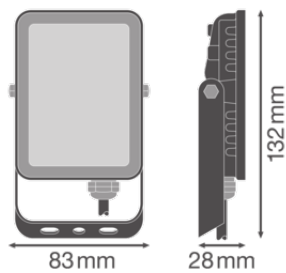
### Photometrical data

Luminous flux	900 lm
Total luminous flux of contained light sources	950 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	6 sdc <sub>m</sub>
Luminous intensity	370 cd
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 °
UGR	< 28

### Dimensions & Weight

Length	132.00 mm
Width	83.00 mm
Height	28.00 mm
Product weight	370.00 g

Cable length	1000 mm
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FL ESSENTIAL 10W

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+40 °C
Temperature range at storage	-30...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK04
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Outdoor
Adjustable	Yes
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h <sup>1)</sup>
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Number of switching cycles	25000
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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	CE
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty
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EQUIPMENT / ACCESSORIES

- 1 m connection cable included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI Floodlight Essential EU Plug
	Legal information	Legal Insert FL Essential EU Plug
	Declarations of conformity	CE Declaration FL Essential

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854094507	Folding box 1	77 mm x 87 mm x 140 mm	420.00 g	0.94 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854094514	Shipping box 20	452 mm x 323 mm x 169 mm	8900.00 g	24.67 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.