

# PRODUCT DATASHEET

## Floodlight Essential 10W 4000K

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



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### Areas of application

- Outdoor
- Building facades

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### 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)

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### 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

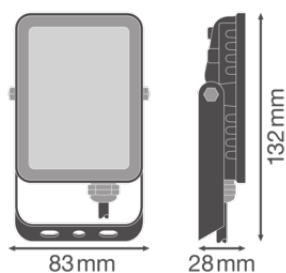
### Photometrical data

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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### 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
LED module replaceable	Not replaceable
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 / UKCA
Luminaire with limited surface temperature, "D sign"	No




### Additional product data

Product remark	Available from July 2023
Number of illuminants	1

### EQUIPMENT / ACCESSORIES

- 1 m connection cable included

### DOWNLOAD DATA

Documents and certificates	
	User instruction
	Packaging insert
	Declarations Of Conformity CE

### 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 dm <sup>3</sup>
4099854094514	Shipping box 20	452 mm x 323 mm x 169 mm	8900.00 g	24.67 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.