

PRODUCT DATASHEET

Floodlight Essential Sensor 50W 3000K

Essentials Floodlights Sensor | Essential Floodlights with Sensor for basic user purposes



Areas of application

- Outdoor
- Building facades

Product benefits

- IP65 protection is suitable for outdoor application (for sensor types 100W, 150W, 200W: IP44, the protection against splash water)
- White satin-frosted diffuser for uniform glare-free light
- Demand based lighting and energy saving thanks to motion and daylight sensor

Product features

- Type of protection, luminaire head and housing: IP65, Type of protection, Sensor: up to IP65
- Adjustable light angle



TECHNICAL DATA

Electrical data

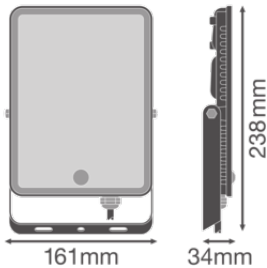
Nominal wattage	50.00 W
Inrush current time T _{h50}	80 µs
Max. number of luminaires per miniature circuit breaker B16	56
Max. number of luminaires per miniature circuit breaker C16	56
Power factor λ	≥0.90
Total harmonic distortion	< 20 %

Photometrical data

Total luminous flux of contained light sources	4500 lm
Color temperature	3000 K
Light color (designation)	Warm White
Standard deviation of color matching	6 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
UGR	< 28

Dimensions & Weight

Length	238.00 mm
Width	161.00 mm
Height	34.00 mm
Product weight	820.00 g
Cable length	300 mm



FL Essential Sensor 50W

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

Application & Mounting

Ambient temperature range	-20...+40 °C
Protection class IK (shock resistance)	IK04
Dimmable	No
Mounting type	Surface
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	25000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

Type of sensor	Motion / Daylight
Sensor detection angle	90 °

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty
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EQUIPMENT / ACCESSORIES

– 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	FL ESSENTIAL_SENSOR
	Legal information	Safety insert G11220429
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration FL Essential
	Declarations of conformity	FL ESSENTIAL
	Declarations of conformity UKCA	FLOODLIGHT
	Declarations of conformity UKCA	FL ESSENTIAL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854430176	Folding box 1	38 mm x 165 mm x 249 mm	878.00 g	1.56 dm ³
4099854430183	Shipping box 12	351 mm x 243 mm x 273 mm	10540.00 g	23.28 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.

