

PRODUCT DATASHEET

FLOODLIGHT EFFECT SENSOR 50W 840 BLACK

FLOODLIGHT EFFECT SENSOR | Floodlight luminaire with milky glass and adjustable sensor



Areas of application

- Gardens and other outdoor areas
- Workshops, garages, covered outdoor storage areas
- Outdoor use (IP65)

Product benefits

- Durable product due to 3 years warranty and 30,000 h lifetime
- Milky glass reducing the glare effect
- Bent-over bracket for easy mounting
- Easy adjustment of sensor range, daylight detection and hold time

Product features

- Modern design
- Lifetime up to 30,000 h
- 3 years warranty
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Frosted diffuser
- Adjustable sensor with functions: Time, lux, zone



TECHNICAL DATA

Electrical data

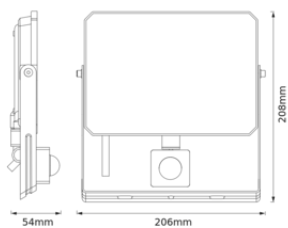
Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50 Hz
Nominal current	225.000 mA
Max. number of luminaires per miniature circuit breaker B16	56
Max. number of luminaires per miniature circuit breaker C16	56
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	80
Standard deviation of color matching	6 sdcm
Photobiological safety group acc. to EN62778	RG1
Beam angle	105 °

Dimensions & Weight

Length	206.00 mm
Width	208.00 mm
Height	54.00 mm
Product weight	598.00 g



FL S 50W

Materials & Colors

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

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-30...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Wall
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	20000
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Sensor

Type of sensor	Light / Motion
Sensor technology	Passive infrared (PIR)

Sensor detection angle	120 °
Sensor controlled switching time	8 s...10 min
Detection range of motion sensor	8-10 m
Detection threshold of daylight sensor	5...2000 lx







Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– All required accessories included

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	FL EFFECT SENSOR IP65 BK
	Addon technical information	FL EFFECT/SENSOR IP65 BK
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	FL EFFECT/SENSOR IP65 BK
	Declarations of conformity	FL VITAL/ EFFECT/LUX IP65 BK
	Declarations of conformity UKCA	FL VITAL/ EFFECT/ FLUX IP65 BK

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854489280	Folding box 1	208 mm x 64 mm x 220 mm	713.00 g	2.93 dm³
4099854489297	Shipping box 10	435 mm x 335 mm x 248 mm	7597.00 g	36.14 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.