

PRODUCT DATASHEET

ENDURA Flood Sensor 50 W 4000 K DG

ENDURA® FLOOD Sensor Cool White | Outdoor sensor luminaires in 4000K



Areas of application

- Outdoor use (IP44)
- Replacement for floodlights with halogen lamps
- Garages
- Building facades

Product benefits

- Optimized weight and size due to compact design
- Energy savings of up to 80 % compared to halogen lamp floodlights
- Semi-frosted, tempered glass cover for uniform illumination

Product features

- Very bright and functional outdoor LED luminaires
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting
- Ambient temperature in operation: -10...+40 °C
- Connection via 1 m cable, wiring required
- Adjustable IR daylight and motion sensor with a detection range of up to 9 m



TECHNICAL DATA

Electrical data

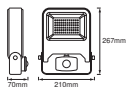
Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	220.000 mA
Max. number of luminaires per miniature circuit breaker B16	58
Max. number of luminaires per miniature circuit breaker C16	58
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	ELECTRONIC CONTROL GEAR (ECG)

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
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	267.00 mm
Width	210.00 mm
Height	70.00 mm
Product weight	1150.00 g



ENDURA FLOOD SENSOR 50W

Materials & Colors

Product color	Dark gray
Housing color	Dark gray
Body material	Aluminum
Cover material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+40 °C
Temperature range at storage	-30...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP44
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

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	Light / Motion
Sensor technology	Passive infrared (PIR)
Sensor detection angle	120 °
Sensor controlled switching time	10 s...10 min
Detection range of motion sensor	2...9 m
Detection threshold of daylight sensor	20...2000 lx

Certificates & Standards





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

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	ENDURA FLOOD
	Legal information	OUTDOOR LUMINAIRES
	Declarations of conformity	CE Declaration Endura Floodlight
	Declarations of conformity UKCA	FLOODLIGHT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075206786	Folding box 1	80 mm x 217 mm x 279 mm	1233.00 g	4.84 dm ³
4058075206793	Shipping box 8	445 mm x 330 mm x 295 mm	10418.00 g	43.32 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.