

# PRODUCT DATASHEET ENDURA Flood Sensor 50 W 3000 K DG

ENDURA® FLOOD Sensor Warm White | Outdoor sensor luminaires in 3000K



### 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
- Available in two housing colors: white and dark gray
- 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	220240 V
Mains frequency	5060 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

## Photometrical data

Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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
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

Number of switching cycles	15000
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# Sensor

Type of sensor	Light / Motion
Sensor technology	Passive infrared (PIR)
Sensor detection angle	120 °
Sensor controlled switching time	10 s10 min
Detection range of motion sensor	29 m
Detection threshold of daylight sensor	202000 lx

# Certificates & Standards

Standards	CE / EAC / UKCA
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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### 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	
PDF	User instruction / safety instructions ENDURA FLOOD	
PDF	Legal information	OUTDOOR LUMINAIRES
PDF	Declarations of conformity	ENDURA FLOODLIGHT
PDF	Declarations of conformity UKCA FLOODLIGHT	

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075239593	Folding box	80 mm x 217 mm x 279 mm	1233.00 g	4.84 dm <sup>3</sup>
4058075239609	Shipping box 8	445 mm x 330 mm x 295 mm	10418.00 g	43.32 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.