

# PRODUCT DATASHEET

## ENDURA Flood Sensor 50 W 3000 K WT

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

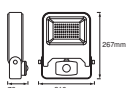
|   |             |
|---|-------------|
| Nominal wattage   | 50.00 W     |
| Nominal voltage   | 220...240 V |
| Mains frequency   | 50...60 Hz  |
| Nominal current   | 220.000 mA  |
| Max. number of luminaires per miniature circuit breaker B16 | 58          |
| Max. number of luminaires per miniature circuit breaker C16 | 58          |
| Power factor $\lambda$                                      | > 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                     | $\geq 80$          |
| Standard deviation of color matching         | 6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                   | -                  |
| Stroboscope effect metric (SVM)              | -                  |
| Photobiological safety group acc. to EN62778 | RG1                |
| Beam angle                                   | 120 °              |

### 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   | White    |
| Housing color   | White    |
| 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         |
| LED module replaceable                 | Not replaceable |
| With light source                      | Yes             |

## Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 15000 |
|----------------------------|-------|





## 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 |
| Luminaire with limited surface temperature, "D sign" | No              |

## DOWNLOAD DATA

| Documents and certificates   |                                 | Document name      |
|--|---------------------------------|--------------------|
|  | User Instruction                | ENDURA FLOOD       |
|  | Legal information               | OUTDOOR LUMINAIRES |
|  | Declarations of conformity      | ENDURA FLOODLIGHT  |
|  | Declarations Of Conformity UKCA | FLOODLIGHT         |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075239739 | Folding box<br>1             | 80 mm x 217 mm x 279 mm              | 1233.00 g    | 4.84 dm <sup>3</sup>  |
| 4058075239746 | Shipping box<br>8            | 445 mm x 330 mm x 295 mm             | 10373.00 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.