PRODUCT DATASHEET
ENDURA® Flood Sensor Warm White PCR 50W Dark Grey

ENDURA® Flood Sensor Warm White PCR | Compact Floodlights with Sensor in 3000K made of recycled Aluminum

Areas of application

- Outdoor use (IP44)
- Garages
- Building facades

Product benefits

- Made of recycled aluminum, the floodlight contributes to the reduction of CO2 emissions
- Extremely compact functional design
- Quick and simple installation thanks to low profile, compact and light weight design
- Semi-frosted, tempered glass cover for uniform illumination

Product features

- Luminaire housing is made of 100 % recycled aluminum
- Small and compact housing size
- Higher efficiency up to 100 lm/W
- Very bright and functional outdoor LED luminaires
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting

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- Type of protection: IP65
- Connection via 1 m cable, wiring required
- Adjustable IR daylight and motion sensor with a detection range of up to 9 m

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TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	250.000 mA
Inrush current time T_{h50}	3.8 µs
Max. number of luminaires per miniature circuit breaker B16	51
Max. number of luminaires per miniature circuit breaker C16	51
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	5000 lm
Total luminous flux of contained light sources	5250 lm
Luminous efficacy	100 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)	<1
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	170.00 mm
Width	70.00 mm
Height	223.00 mm
Product weight	720.00 g

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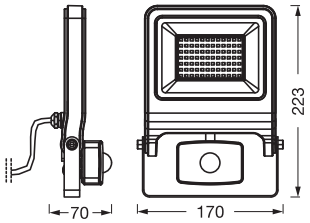

ENDURA FLOOD PCR SENSOR
50W

Materials & Colors

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

Application & Mounting

Ambient temperature range	-10…+35 °C
Temperature range at storage	-30…+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
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)

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Sensor

Type of sensor	Light / Motion
Sensor technology	Passive infrared (PIR)
Sensor controlled switching time	10 s…8 min
Detection range of motion sensor	2…8 m
Detection threshold of daylight sensor	10…2000 lx

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

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 Nature Loop
PDF	User instruction / safety instructions	G11236456 ENDURA FLOOD PCR
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11219302
PDF	Legal information	Legal Insert LI_G11234802_R
PDF	Declarations of conformity	ENDURA FLOOD PCR
PDF	Declarations of conformity UKCA	ENDURA FLOOD PCR

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854487279	Folding box 1	84 mm x 179 mm x 236 mm	785.00 g	3.55 dm^3
4099854487286	Shipping box 8	370 mm x 350 mm x 255 mm	6785.00 g	33.02 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.

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