

# PRODUCT DATASHEET 30W 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
- 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

# TECHNICAL DATA

# Electrical data

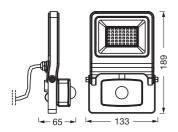
Nominal wattage	30.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	150.000 mA
Max. number of luminaires per miniature circuit breaker B16	85
Max. number of luminaires per miniature circuit breaker C16	85
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

# Photometrical data

Luminous flux	3000 lm
Total luminous flux of contained light sources	3150 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	133.00 mm
Width	65.00 mm
Height	189.00 mm
Product weight	490.00 g



ENDURA FLOOD PCR SENSOR 30W 840 DG

### 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 <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> 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 controlled switching time	10 s8 min	
Detection range of motion sensor	28 m	
Detection threshold of daylight sensor	102000 lx	

# **Emergency lighting**

Type of emergency operation test	None
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### 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	
POF	User instruction / safety instructions	Endura Flood Nature Loop	
POF	Legal information	Informationstext 18 Abs 4 ElektroG	
POF	Legal information	Safety Insert G11219302	
PDF	Legal information	Legal Insert LI_G11234802_R	
PDF	Legal information	ENDURA FLOOD PCR	
POF	Declarations of conformity	CE declaration_EUDURA FLOOD PCR	

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854487217	Folding box	72 mm x 142 mm x 208 mm	519.00 g	2.13 dm <sup>3</sup>
4099854487224	Shipping box 8	300 mm x 295 mm x 225 mm	4511.00 g	19.91 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.