PRODUCT DATASHEET
ENDURA Flood Sensor 20 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
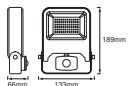
TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	92.000 mA
Max. number of luminaires per miniature circuit breaker B16	139
Max. number of luminaires per miniature circuit breaker C16	139
Power factor λ	> 0.70
Total harmonic distortion	< 35 %
Protection class	I

Photometrical data

Luminous flux	1700 lm
Luminous efficacy	85 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	189.00 mm
Width	133.00 mm
Height	66.00 mm
Product weight	490.00 g

ENDURA FLOOD SENSOR 20W

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

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
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	empty

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
4058075239500	Folding box 1	72 mm x 142 mm x 208 mm	539.00 g	2.13 dm^3
4058075239517	Shipping box 8	300 mm x 295 mm x 225 mm	4675.00 g	19.91 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.