PRODUCT DATASHEET
ENDURA® Flood Warm White PCR 20W Dark Grey

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

Areas of application

- Outdoor
- 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

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- Connection via 1 m cable, wiring required

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TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	100.000 mA
Max. number of luminaires per miniature circuit breaker B16	128
Max. number of luminaires per miniature circuit breaker C16	128
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	1900 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)	<1
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

Dimensions & Weight

Length	108.00 mm
Width	33.00 mm
Height	122.00 mm
Product weight	280.00 g

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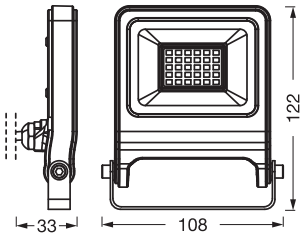

ENDURA FLOOD PCR 20W

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	-20…+35 °C
Temperature range at storage	-30…+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP65
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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Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854486388	Folding box 1	72 mm x 122 mm x 136 mm	306.00 g	1.19 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854486395	Shipping box 12	255 mm x 225 mm x 285 mm	4041.00 g	16.35 dm^3
4099854669507	Shipping box 2	156 mm x 134 mm x 152 mm	694.00 g	3.18 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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