

PRODUCT DATASHEET ENDURA Flood 20 W 3000 K DG

ENDURA® FLOOD Warm White | Outdoor luminaires in 3000K



Areas of application

- Outdoor
- Replacement for floodlights with halogen lamps
- Garages
- Building facades

Product benefits

- Quick and simple installation thanks to low profile, compact and light weight 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
- Type of protection: IP65
- Ambient temperature in operation: -20...+45 °C
- Available in two housing colors: white and dark gray
- Connection via 1 m cable, wiring required



TECHNICAL DATA

Electrical data

Nominal wattage [calc.]	20.00 W
Nominal voltage [calc.]	220240 V
Mains frequency [calc.]	5060 Hz
Nominal current [calc.]	92.000 mA
Max. number of luminaires per miniature circuit breaker B16 [calc.]	139
Max. number of luminaires per miniature circuit breaker C16 [calc.]	139
Power factor ? [calc.]	> 0.90
Total harmonic distortion	< 35 %
Protection class [calc.]	I

Photometrical data

Luminous flux [calc.]	1700 lm		
Luminous efficacy [calc.]	85 lm/W		
Color temperature [calc.]	3000 K		
Light color (designation) [PIM]	Warm White		
Color rendering index Ra [calc.]	≥80		
Standard deviation of color mat [calc.]	6 sdcm		
Flickering value Pst LM	-		
Stroboscope effect value SVM			
Photobio. safety group a EN62778 [calc.]	RG1		
Beam angle [calc.]	110 °		

Dimensions & Weight

Length [calc.]	153.00 mm
Width [calc.]	133.00 mm
Height [calc.]	34.00 mm
Product weight [AGGR]	405.00 g



ENDURA FLOOD 20W

Materials & Colors

Product color [calc.]	Dark gray	
Housing color [calc.]	Dark gray	
Body material [calc.]	Aluminum	
Mercury content [PICOS]	0.0 mg	

Application & Mounting

Ambient temperature range [calc.]	-20+45 °C		
Temperature range at storage	-30+70 °C		
Type of connection [calc.]	Cable, 3-pole		
Type of protection [calc.]	IP65		
Protection class IK (shock resista [PIM]	IK06		
Dimmable [calc.]	No		
Type of mounting [calc.]	Surface		
Mounting location	Wall		
Application environment [GMS]	Outdoor		
With light source	Yes		
Replaceable light source	No		

Lifespan

Number of switching cycles [calc.]	15000vvv
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Certificates & Standards

Standards [PIM]	CE / EAC / UKCA	
ETIM -Limited surface temperat(EF006420)	No	
ErP LEDmod replaceable [MPRD]	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
4058075237940	Folding box 1	72 mm x 140 mm x 166 mm	442.00 g	1.67 dm ³
4058075237957	Shipping box 12	290 mm x 225 mm x 345 mm	5649.00 g	22.51 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.