

PRODUCT DATASHEET Floodlight EA 5W 840 Dark Grey

FLOODLIGHTS ENERGY EFFICIENCY | Floodlights with Energy Class A light source



Areas of application

- Outdoor
- Garages
- Building facades

Product benefits

- Very low energy consumption
- Quick and simple installation thanks to low profile, compact and light weight design

Product features

- Luminous efficacy of light source: up to 210 lm/W
- Very bright and functional outdoor LED luminaires
- Type of protection: IP65



TECHNICAL DATA

Electrical data

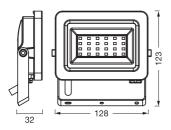
Nominal wattage	5.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	40.000 mA	
Inrush current time T _{h50}	70 μs	
Max. number of luminaires per miniature circuit breaker B16	97	
Max. number of luminaires per miniature circuit breaker C10	78	
Max. number of luminaires per miniature circuit breaker C16	124	
Power factor λ	≥0.5	
Total harmonic distortion	≤ 140 %	
Protection class	I	
Operating mode	Mains voltage	

Photometrical data

Luminous flux	870 lm
Total luminous flux of contained light sources	1050 lm
Luminous efficacy	174 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcm
Photobiological safety group acc. to EN62778	RG1
Beam angle	95 °

Dimensions & Weight

Length	128.00 mm
Width	32.00 mm
Height	123.00 mm
Product weight	370.00 g
Cable length	1000 mm



FL EA 5W 840 BK

Materials & Colors

Product color	Black
Housing color	Black
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+40 °C
Temperature range at storage	-20+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Application environment	Outdoor
Adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Number of switching cycles	25000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

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

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.

DOWNLOAD DATA

Documents and certificates Document name		Document name	
User instruction / safety instructions		FL EA BK	
PDF	Legal information Safety insert G11220428		
PDF	Declarations of conformity FL EA_BK		
Declarations of conformity UKCA FL EA_BK		FL EA_BK	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854429552	Folding box 1	47 mm x 120 mm x 141 mm	405.00 g	0.80 dm ³
4099854429569	Shipping box 8	268 mm x 262 mm x 179 mm	3517.00 g	12.57 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.