PRODUCT DATASHEET
FLOODLIGHT EFFECT 100W 865 BLACK

FLOODLIGHT EFFECT | Floodlight luminaire with milky glass

Areas of application

– Gardens and other outdoor areas
– Workshops, garages, covered outdoor storage areas
– Outdoor use (IP65)

Product benefits

– Durable product due to 3 years warranty and 30,000 h lifetime
– Milky glass reducing the glare effect
– Bent-over bracket for easy mounting

Product features

– Modern design
– Lifetime up to 30,000 h
– 3 years warranty
– Available with color temperature: 3,000 K, 4,000 K, 6,500 K
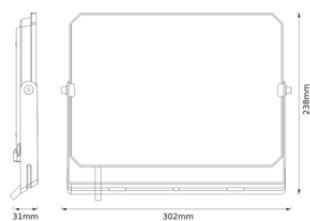– Frosted diffuser

TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Nominal voltage	220…240 V
Mains frequency	50 Hz
Nominal current	446.000 mA
Max. number of luminaires per miniature circuit breaker B16	27
Max. number of luminaires per miniature circuit breaker C16	27
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	9000 lm
Luminous efficacy	90 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	6 sdcm
Photobiological safety group acc. to EN62778	RG1
Beam angle	105 °

Dimensions & Weight

Length	302.00 mm
Width	238.00 mm
Height	31.00 mm
Product weight	1250.00 g

FL 100W

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
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	-30…+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Wall
With light source	Yes
Replaceable light source	No

Lifespan

Number of switching cycles	20000

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– All required accessories included

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	FL EFFECT IP65 BK
PDF	Addon technical information	FL EFFECT/SENSOR IP65 BK
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	FL EFFECT/SENSOR IP65 BK
PDF	Declarations of conformity	FL VITAL/ EFFECT/LUX IP65 BK
PDF	Declarations of conformity UKCA	FL VITAL/ EFFECT/ FLUX IP65 BK

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854488825	Folding box 1	306 mm x 37 mm x 250 mm	1382.00 g	2.83 dm^3
4099854488832	Shipping box 6	325 mm x 242 mm x 275 mm	8594.00 g	21.63 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.