PRODUCT DATASHEET
Floodlight Essential Sensor 200W 4000K

Essentials Floodlights Sensor | Essential Floodlights with Sensor for basic user purposes

Areas of application

– Outdoor
– Building facades

Product benefits

– IP65 protection is suitable for outdoor application (for sensor types 100W, 150W, 200W: IP44, the protection against splash water)
– White satin-frosted diffuser for uniform glare-free light
– Demand based lighting and energy saving thanks to motion and daylight sensor

Product features

– Type of protection, luminaire head and housing: IP65, Type of protection, Sensor: up to IP65
– Adjustable light angle
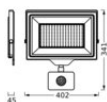
TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	900.000 mA
Inrush current	1.58 A
Inrush current time T_{h50}	150 µs
Max. number of luminaires per miniature circuit breaker B16	12
Max. number of luminaires per miniature circuit breaker C16	12
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	20000 lm
Total luminous flux of contained light sources	22500 lm
Luminous efficacy	100 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcm
Luminous intensity	8000 cd
Flickering metric (Pst LM)	<1
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °

Dimensions & Weight

Length	402.00 mm
Width	45.00 mm
Height	341.00 mm
Product weight	2170.00 g

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	-25...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP44
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h [1]
Number of switching cycles	12500

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

Sensor

Type of sensor	Motion / Daylight
Sensor technology	Passive infrared (PIR)
Detection range of motion sensor	6 m

Certificates & Standards

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

Additional product data

Product remark	Available from October 2023
Number of illuminants	1

EQUIPMENT / ACCESSORIES

– Connection cable included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Packaging insert
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075831636	Folding box 1	57 mm x 407 mm x 313 mm	2337.00 g	7.26 dm³
4058075831643	Shipping box 4	425 mm x 244 mm x 340 mm	9881.00 g	35.26 dm³

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.