

PRODUCT DATASHEET

Floodlight Essential Sensor 20W 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
- White satin-frosted diffuser for uniform glare-free light
- Demand based lighting and energy saving thanks to motion and daylight sensor

Product features

- IP65 outdoor floodlight
- Adjustable light angle



TECHNICAL DATA

Electrical data

| | |
|--|-----------------------|
| Nominal wattage | 20.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 90.000 mA |
| Inrush current | 0.33 A |
| Inrush current time T_{h50} | 56 μ s |
| Max. no. of lum. on circuit break. B16 A | 142 |
| Max. no. of lum. on circuit break. C16 A | 142 |
| Power factor λ | ≥ 0.7 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

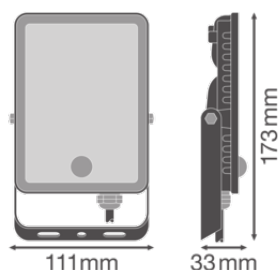
Photometrical data

| | |
|--|------------|
| Luminous flux | 1800 lm |
| Total luminous flux of contained light sources | 1900 lm |
| Luminous efficacy | 90 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | 6 sdc |
| Luminous intensity | 730 cd |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 100 ° |
| UGR | < 28 |

Dimensions & Weight

| | |
|--------|-----------|
| Length | 173.00 mm |
| Width | 111.00 mm |
| Height | 33.00 mm |

| | |
|----------------|----------|
| Product weight | 360.00 g |
| Cable length | 300 mm |



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 | -30...+80 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK04 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| Adjustable | Yes |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 25000 h |
| Number of switching cycles | 25000 |

Sensor

| | |
|--|------------------------|
| Type of sensor | Motion / Light |
| Sensor technology | Passive infrared (PIR) |
| Sensor detection angle | 90 ° |
| Sensor controlled switching time | 10 s |
| Detection range of motion sensor | 4 m |
| Detection threshold of daylight sensor | 10...60 lx |

Certificates & Standards

| | |
|--|-----------|
| Standards | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |




Additional product data

| | |
|-----------------------|---|
| Number of illuminants | 1 |
|-----------------------|---|

EQUIPMENT / ACCESSORIES

- Connection cable included

DOWNLOAD DATA

| Documents and certificates | |
|--|---------------------------------|
|  | User instruction |
|  | Declarations Of Conformity CE |
|  | Declarations Of Conformity UKCA |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075768277 | Folding box 1 | 40 mm x 114 mm x 182 mm | 398.00 g | 0.83 dm ³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075768284 | Shipping box 20 | 382 mm x 214 mm x 252 mm | 8370.00 g | 20.60 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.