

## PRODUCT DATASHEET

### Floodlight Essential 200W 4000K

Essentials Floodlights | Essential Floodlights 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

#### Product features

- IP65 outdoor floodlight
- Adjustable light angle



TECHNICAL DATA

Electrical data

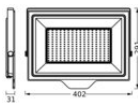
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 200.00 W              |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 900.000 mA            |
| Inrush current time T <sub>h50</sub>                        | 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   |
| 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     |
| Photobiological safety group acc. to EN62778 | RG0        |
| Beam angle                                   | 110 °      |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 402.00 mm |
| Width          | 31.00 mm  |
| Height         | 291.00 mm |
| Product weight | 2160.00 g |
| Cable length   | 250 mm    |



FL ESSENTIAL 200W 840 BK

## Materials &amp; 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 &amp; Mounting

|                                        |               |
|----------------------------------------|---------------|
| Ambient temperature range              | -20...+40 °C  |
| Temperature range at storage           | -25...+80 °C  |
| Type of connection                     | Cable, 3-pole |
| Type of protection                     | IP65          |
| Protection class IK (shock resistance) | IK06          |
| Dimmable                               | No            |
| Mounting type                          | Surface       |
| With light source                      | Yes           |
| Replaceable light source               | No            |

## Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 12500                 |

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

## Certificates &amp; Standards

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

## Additional product data

|                       |       |
|-----------------------|-------|
| Number of illuminants | empty |
|-----------------------|-------|

## EQUIPMENT / ACCESSORIES

– Connection cable included

## 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

| Documents and certificates                                                        |                                        | Document name           |
|-----------------------------------------------------------------------------------|----------------------------------------|-------------------------|
|   | User instruction / safety instructions | FL ESSENTIAL_SENSOR     |
|   | Legal information                      | Safety insert G11220428 |
|   | Declarations of conformity             | FL ESSENTIAL            |
|  | Declarations of conformity UKCA        | FLOODLIGHT ESSENTIAL    |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854429675 | Folding box<br>1             | 42 mm x 407 mm x 303 mm              | 2311.00 g    | 5.18 dm <sup>3</sup>  |
| 4099854429682 | Shipping box<br>4            | 427 mm x 187 mm x 330 mm             | 9701.00 g    | 26.35 dm <sup>3</sup> |

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.