

# PRELIMINARY - PRODUCT DATASHEET

## FLOODLIGHT LUX 100W 865 BLACK

FLOODLIGHT LUX | 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, 6,000 K
- Frosted diffuser



## TECHNICAL DATA

### Electrical data

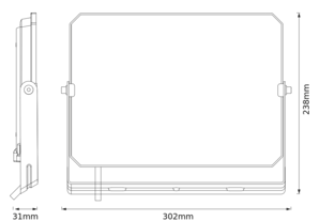
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 100.00 W              |
| Nominal voltage                                             | 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 $\lambda$                                      | > 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 sdcn   |
| 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, 2-pole |
| Type of protection                     | IP65          |
| Protection class IK (shock resistance) | IK06          |
| Dimmable                               | No            |
| Mounting type                          | Surface       |
| Mounting location                      | Wall          |
| With light source                      | Yes           |

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                      |
|----------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | FL LUX IP65 BK                     |
|  | Addon technical information            | FL LUX/SENSOR IP65 BK              |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Legal information                      | FL LUX/SENSOR IP65 BK              |
|  | 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854489907 | Folding box<br>1             |                                      |              |                       |
| 4099854489914 | Shipping box<br>6            | 325 mm x 242 mm x 275 mm             | 8594.00 g    | 21.63 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.