

## PRODUCT DATASHEET

### Outdoor Essential 255mm 18W 830 White

Outdoor Essential | Essential outdoor luminaires for basic user purposes



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#### Areas of application

- Outdoor
- Patios, balconies
- Entrance lighting
- General illumination

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#### Product benefits

- Easy and quick installation
- Homogenous light distribution
- Decorative wall light

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#### Product features

- Bright and functional outdoor LED luminaires
- Type of protection: IP44

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## TECHNICAL DATA

### Electrical data

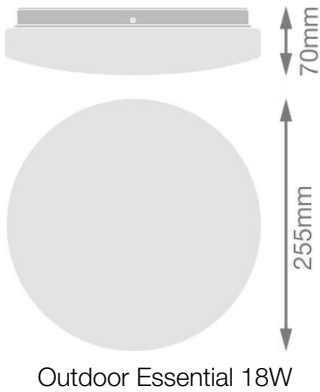
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 18.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 95.000 mA             |
| Max. number of luminaires per miniature circuit breaker B16 | 89                    |
| Max. number of luminaires per miniature circuit breaker C10 | 40                    |
| Max. number of luminaires per miniature circuit breaker C16 | 112                   |
| Power factor $\lambda$                                      | > 0.5                 |
| Total harmonic distortion                                   | < 130 %               |
| Protection class                                            | I                     |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                                |                      |
|------------------------------------------------|----------------------|
| Luminous flux                                  | 1350 lm              |
| Total luminous flux of contained light sources | 2250 lm              |
| Luminous efficacy                              | 75 lm/W              |
| Color temperature                              | 3000 K               |
| Light color (designation)                      | Warm White           |
| Color rendering index Ra                       | > 80                 |
| Standard deviation of color matching           | < 6 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778   | RG0                  |
| Beam angle                                     | 120 °                |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 255.00 mm |
| Height         | 70.00 mm  |
| Product weight | 320.00 g  |



Materials & Colors

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Product color                              | White                         |
| Housing color                              | White                         |
| Body material                              | Steel                         |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                        |
| Mercury content                            | 0.0 mg                        |

Application & Mounting

|                                        |               |
|----------------------------------------|---------------|
| Ambient temperature range              | -20...40 °C   |
| Type of connection                     | Cable, 2-pole |
| Type of protection                     | IP44          |
| Protection class IK (shock resistance) | IK03          |
| Dimmable                               | No            |
| Mounting type                          | Surface       |
| Application environment                | Outdoor       |
| With light source                      | Yes           |
| Replaceable light source               | No            |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 20000 h <sup>1)</sup> |
| Number of switching cycles | 20000                 |

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

Certificates & Standards

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

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## EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included
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## 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.
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## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name           |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------|
|    | User instruction / safety instructions | OUTDOOR ESSENTIAL       |
|    | Legal information                      | Safety insert G11219578 |
|   | Declarations of conformity             | Outdoor Essential       |
|  | Declarations of conformity UKCA        | Outdoor Essential       |

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854445309 | Folding box<br>1             | 77 mm x 262 mm x 266 mm              | 500.00 g     | 5.37 dm <sup>3</sup>  |
| 4099854445316 | Shipping box<br>8            | 545 mm x 327 mm x 295 mm             | 4000.00 g    | 52.57 dm <sup>3</sup> |

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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.

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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