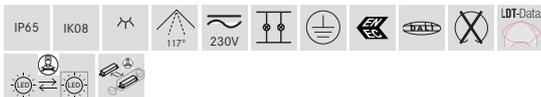
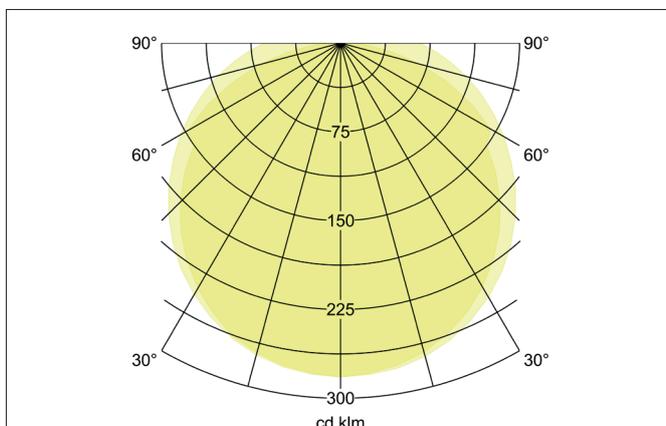
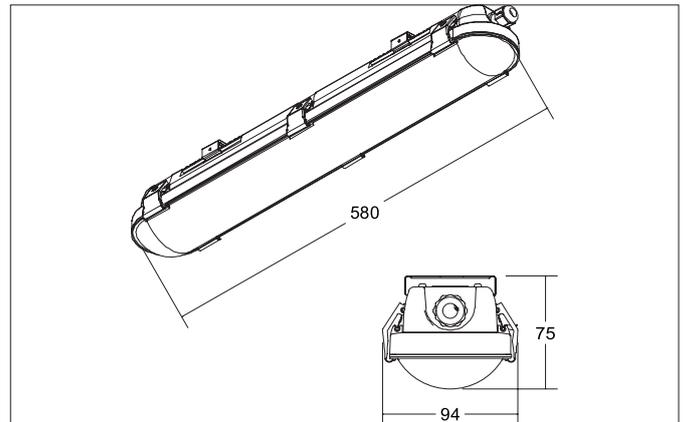




## HUMID ONE PRO LED surface mounted damp proof luminaire

Article no. 78111114



### Tender

LED surface mounted damp proof luminaire, Rectangular. Luminaire length 580.0 mm, Luminaire width 94.0 mm, Height 75.0 mm Weight 0.933 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 2.500 lm, Power 1 x 18 W, Light colour neutral white, Correlated color temperature (CCT) 4.000 K, Colour rendering index CRI > 80, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Polycarbonate / Stainless steel, Colour: grey, Permissible ambient temperature (ta): -20 °C up to +40 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP65, shock resistance according to IEC62262: IK08. With electronic driver, DALI-2 dimmable. Additionally this luminaire is ENEC-protected by an independent laboratory.

### Product Benefits

- 5 years Brumberg light guarantee.
- Long service life time: L80B50 > 50,000 h at +25 °C.
- High efficiency: up to 135 lm / watt.
- Planning security thanks to included accessories for any type of installation (ceiling and wall mounting and pendulum).
- Cover and LED board form a unit for quick and easy installation
- Pre-punching for different cable entries.
- Robust, impact-resistant housing made of polycarbonate with IK08.
- All metal attachments made of stainless steel (retaining clips, screws, etc.).
- Osram brand converter.
- Quick installation: through-wiring via cable harnesses 600/1,200/1,500 mm possible (optionally orderable).
- ENEC certified.


**HUMID ONE PRO LED surface mounted damp proof luminaire**

Article no. 78111114

| Article data      |   |
|-------------------|---|
| Article no.       | 78111114  |
| GTIN              | 4251433954316   |
| Series name       | HUMID ONE PRO   |
| Short description | LED surface mounted damp proof luminaire  |
| Material          | Polycarbonate / Stainless steel   |
| Colour            | grey  |
| Type of surface   | Matt  |
| Shape             | Rectangular   |
| Length            | 580 mm  |
| Width             | 94 mm   |
| Hight             | 75 mm   |
| Scope of delivery | Delivery: incl. converter to connection to 230 V mains voltage, on/off switchable<br><br>Delivery incl. mounting accessories set consisting of:<br><br>- 4 x locking screws for clip holders,<br>- 2 x locking screws and nuts for universal mounting brackets,<br>- 4 x (78012/78013 = 2 x) mounting screws and dowels,<br>- 2 x Universal mounting bracket for wall, ceiling or pendulum mounting (required tabs for mounting in the mounting holder included).<br>- 1 x IP65 cable gland PG13.5 (cable diameter Ø 6 - 12 mm) |
| Weight            | 0.933 kg  |
| D licence plate   | Yes   |
| stamp             | ENEC  |
| Conformance       | CE, UKCA  |

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | 4.000 K       |
| Light colour                 | white         |
| Light output                 | Direct        |
| Luminous flux                | 2,500 lm      |
| System efficiency            | 139 lm/W      |
| McAdam-Step                  | McAdam-Step 5 |
| Colour rendering             | CRI > 80      |
| Beam angle                   | 117°          |
| Light sharing                | Symmetric     |
| Adjustable color temperature | No            |


**HUMID ONE PRO LED surface mounted damp proof luminaire**

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| Operating technology of the luminaire      |  |
|--|--|
| System output                              | 20 W   |
| Voltage type                               | AC/DC  |
| AC nominal voltage min                     | 198 V  |
| AC nominal voltage max                     | 264 V  |
| DC nominal voltage min                     | 176 V  |
| DC nominal voltage max                     | 276 V  |
| Frequency max                              | 60 Hz  |
| Frequency min                              | 50 Hz  |
| Lamp                                       | LED  |
| Lamp holder                                | Without fitting  |
| Protection class                           | I  |
| Degree of protection                       | IP65   |
| Ambient temperature                        | -20°C up to +40°C  |
| Dimmable                                   | Yes  |
| Control                                    | DALI-2 , PUSH-Dimm   |
| Bulb change possible                       | The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person. |
| Glow wire test according to IEC 60695-2-12 | 850°C - 5s   |
| Rated life time L80/B50 at 25 °C           | 50.000 h   |
| Energy efficiency class                    | not required   |

| Operating technology of driver |  |
|--------------------------------|--|
|                                |  |

| Mounting technology         |                                |
|-----------------------------|--------------------------------|
| Mounting method             | Surface mounting               |
| Place of installation       | Ceiling-/Wall-/Pendant-mounted |
| Adjustability               | Not adjustable                 |
| Impact resistance           | IK08                           |
| Cover                       | Polycarbonat clear             |
| Circlip                     | Without circlip                |
| Suitable for through-wiring | Yes                            |

| Packing data            |   |
|-------------------------|---|
| Gross weight            | 1.041 kg  |
| Length of packaging     | 600 mm  |
| Packaging width         | 83 mm   |
| Packaging height        | 103 mm  |
| Disposal at end of life | This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.<br>By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment. |

| Optional accessories  |  |
|---|--|
| Article no.: 81011050   |  |
| Mounting accessories set for HUMID ONE, for width: 94 mm  |  |
| <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81011050_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81011050_2021_DE.pdf</a> |  |