

# PRODUCT DATASHEET

## Damp proof Essential 1x19W 1500mm 840

Essentials Damp Proof | Essential Damp Proof luminaires for basic user purposes

---

### Areas of application

- Basements, garages, warehouses



---

### Product benefits

- Suitable for use in dusty and damp outdoor locations thanks to high IP rating

---

### Product features

- Damp-proof luminaire with LED tube for mains voltage operation



## TECHNICAL DATA

### Electrical data

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 19.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 85.000 mA     |
| Inrush current                                              | 13.2 A        |
| Inrush current time $T_{h50}$                               | 482 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 12            |
| Max. number of luminaires per miniature circuit breaker C10 | 12            |
| Max. number of luminaires per miniature circuit breaker C16 | 20            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 20 %        |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |                    |
|------------------------------------------------|--------------------|
| Luminous flux                                  | 1700 lm            |
| Total luminous flux of contained light sources | 2185 lm            |
| Luminous efficacy                              | 90 lm/W            |
| Color temperature                              | 4000 K             |
| Light color (designation)                      | Cool White         |
| Color rendering index Ra                       | $\geq 80$          |
| Standard deviation of color matching           | 6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | <1                 |
| Stroboscope effect metric (SVM)                | <0.4               |
| Photobiological safety group acc. to EN62778   | RG0                |
| Beam angle                                     | 120 °              |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1561.00 mm |
| Width          | 69.00 mm   |
| Height         | 64.00 mm   |
| Product weight | 906.00 g   |



DAMP PROOF ESSENTIAL  
150CM1X19W840

Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | Gray               |
| Housing color                              | Gray               |
| Body material                              | Polycarbonate (PC) |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |

Application & Mounting

|                                        |               |
|----------------------------------------|---------------|
| Ambient temperature range              | -20...+40 °C  |
| Temperature range at storage           | -20...+80 °C  |
| Type of connection                     | Cable, 2-pole |
| Type of protection                     | IP65          |
| Protection class IK (shock resistance) | IK08          |
| Dimmable                               | No            |
| Mounting type                          | Surface       |
| Mounting location                      | Ceiling       |
| With light source                      | Yes           |
| Replaceable light source               | No            |
| Holder designation                     | G13           |

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 & 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

- LED Tube is delivered with the product

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                           |
|------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|
|    | User instruction / safety instructions | DAMP PROOF ESSENTIAL 150CM 1/2X 19W 840 |
|    | Legal information                      | DAMP PROOF ESSENTIAL 150CM 1/2X 19W 840 |
|   | Declarations of conformity             | DAMP PROOF ESSENTIAL 150CM 1X19W 840    |
|  | Declarations of conformity UKCA        | DAMP PROOF ESSENTIAL 150CM 1/2X19W 840  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854288104 | Folding box<br>1             | 69 mm x 70 mm x 1,566 mm             | 955.00 g     | 7.56 dm <sup>3</sup>  |
| 4099854288111 | Shipping box<br>6            | 1,580 mm x 225 mm x 166 mm           | 6806.00 g    | 59.01 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.