



# Ledinaire Waterproof WT065C

## WT065C LED48S/840 PSU L1200

840 neutral white - Power supply unit

The Ledinaire Waterproof range provides maximum performance and durability at great value. As an off-the-shelf LED luminaire solution for all your everyday needs, it can be deployed in a wide variety of locations.

### Product data

| General Information           |   | Operating and Electrical                 |                |
|-------------------------------|---|--|----------------|
| Beam angle of light source    | 110 °                                       | Constant light output                    | No             |
| Light source color            | 840 neutral white                           | Number of products on MCB of 16 A type B | 24             |
| Light source replaceable      | No  | EU RoHS compliant                        | Yes            |
| Number of gear units          | 1 unit                                      | Service tag                              | No             |
| Driver/power unit/transformer | Power supply unit                           | Unified glare rating CEN                 | Not applicable |
| Driver included               | Yes   | <b>Operating and Electrical</b>          |                |
| Optic type                    | Symmetrical                                 | Input Voltage                            | 220 to 240 V   |
| Luminaire light beam spread   | 110°  | Input Frequency                          | 50 or 60 Hz    |
| Control interface             | -   | Initial CLO power consumption            | - W            |
| Connection                    | Connection unit 3-pole                      | Average CLO power consumption            | - W            |
| Cable                         | -   | Inrush current                           | 5.56 A         |
| Protection class IEC          | Safety class I                              | Inrush time                              | 0.047 ms       |
| Glow-wire test                | Temperature 850 °C, duration 30 s           | Power Factor (Min)                       | 0.9            |
| Flammability mark             | For mounting on normally flammable surfaces | <b>Controls and Dimming</b>              |                |
| CE mark                       | CE mark                                     | Dimmable                                 | No             |
| ENEC mark                     | -   |  |                |
| Warranty period               | 3 years                                     |  |                |

# Ledinaire Waterproof WT065C

## Mechanical and Housing

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Housing Material                    | Polycarbonate                         |
| Reflector material                  | -                                     |
| Optic material                      | Polycarbonate                         |
| Optical cover/lens material         | Polycarbonate                         |
| Fixation material                   | Stainless steel                       |
| Optical cover/lens finish           | Opal                                  |
| Overall length                      | 1215 mm                               |
| Overall width                       | 80 mm                                 |
| Overall height                      | 76 mm                                 |
| Color                               | Gray and white                        |
| Dimensions (Height x Width x Depth) | 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) |

## Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

## Initial Performance (IEC Compliant)

|                                     |            |
|-------------------------------------|------------|
| Initial luminous flux (system flux) | 4800 lm    |
| Luminous flux tolerance             | -10%, +15% |
| Initial LED luminaire efficacy      | 110 lm/W   |
| Init. Corr. Color Temperature       | 4000 K     |
| Init. Color Rendering Index         | >80        |
| Initial chromaticity                | <5         |
| Initial input power                 | 43.5 W     |

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

## Over Time Performance (IEC Compliant)

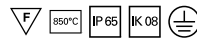
|   |         |
|---|---------|
| Control gear failure rate at median useful life | 0.075 % |
| 50000 h   |         |
| Lumen maintenance at median useful life*        | L65     |
| 50000 h   |         |

## Application Conditions

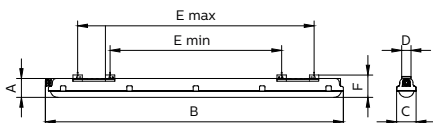
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -20 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |
| Suitable for random switching      | Yes            |

## Product Data

|                                 |                             |
|---------------------------------|-----------------------------|
| Full product code               | 871016336952599             |
| Order product name              | WT065C LED48S/840 PSU L1200 |
| EAN/UPC - Product               | 8710163369525               |
| Order code                      | 911401825381                |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 9                           |
| Material Nr. (12NC)             | 911401825381                |
| Net Weight (Piece)              | 1.330 kg                    |



## Dimensional drawing



| Type                        | Dimension (mm) |    |    |   |       |       | No. of clips |
|-----------------------------|----------------|----|----|---|-------|-------|--------------|
|                             | A              | B  | C  | D | E min | E max |              |
| WT065C-LED48S/840 PSU L600  | 452            |    |    |   | 106   | 112   | 8            |
| WT065C-LED48S/840 PSU L1200 | 1215           | 80 | 38 |   | 138   | 146   | 10           |
| WT065C-LED48S/840 PSU L1800 | 1915           |    |    |   | 138   | 146   | 13           |

## Waterproof WT055C/WT060C

## Ledinaire Waterproof WT065C

