PHILIPS

Lighting

# Ledinaire Waterproof

## WT060C LED36S/840 PSU TW1 L1200 BN

Ledinaire Waterproof, 30 W, L1200 mm, 3600 lm, 4000 K, Symmetrical, Opal, IP66, IK08, TW1

The Ledinaire waterpprof (WT060) range contains a selection of popular off-the-shelf waterproof LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire enables, simple and quick installation, with optional through wiring possibility.

### Product data

| General Information | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Feed-through wiring** | Feed-through wiring 1-phase |
| **Service tag** | No |
| **Lighting Technology** | LED |
| **Value ladder** | Value |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **ENEC mark** | - |
| **Glow-wire test** | Temperature 850 °C, duration 30 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 3,600 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 120 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Flickering value (PstLM) - Flickering value as per EN 61000-3-3** | 1 |
| **Stroboscopic effect visibility measure (SVM)** | 1.6 |
| **Beam angle of light source** | 120 degree(s) |
| **Light source color** | 840 neutral white |
| **Optic type** | Symmetrical |
| **Luminaire light beam spread** | 120° |
| **Unified glare rating CEN** | 26 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Inrush current** | 2.9 A |
| **Inrush time** | 0.103 ms |
| **Power Consumption** | 30 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Connection unit 3-pole |

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| | |
|---|---|
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 10 |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | -20 to +45 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |
| **Driver/power unit/transformer** | Power supply unit (On/Off) |
| **Constant light output** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Polycarbonate |
| **Reflector material** | Polycarbonate |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Fixation material** | Stainless steel |
| **Housing Color** | Grey |
| **Optical cover finish** | Opal |
| **Overall length** | 1,258 mm |
| **Overall width** | 69 mm |
| **Overall height** | 59 mm |
| **Dimensions (Height x Width x Depth)** | 59 x 69 x 1258 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP66 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK08 [5 J vandal-protected] |
| **Sustainability rating** | - |
| **Protection class IEC** | Safety class II |
| **Photobiological risk** | Photobiological risk group 0 @200mm to EN62778 |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | <5 |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 7.5 % |
| **Lumen maintenance at median useful life* 50000 h** | 75 |
| **Lumen maintenance at median useful life* 75000 h** | 70 |

## Application Conditions

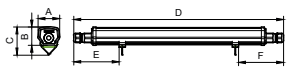
| | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | Not applicable |
| **Suitable for random switching** | Yes |

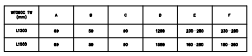
## Product Data

| | |
|---|---|
| **Order product name** | WT060C LED36S/840 PSU TW1 L1200 BN |
| **Full product name** | WT060C LED36S/840 PSU TW1 L1200 BN |
| **Full product code** | 871016336010299 |
| **Order code** | 911401876780 |
| **Material Nr. (12NC)** | 911401876780 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8710163360102 |
| **Numerator - Packs per outer box** | 12 |
| **EAN/UPC - Case** | 8710163360225 |

## Dimensional drawing

WT060C TW



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2024, March 21 - data subject to change