

# PRODUCT DATASHEET

## ECO CLASS DAMP PROOF HLO 1500 66 W 4000 K IP65 TH

ECO CLASS DAMP PROOF HLO GEN 2 | Damp-proof luminaires, classic shape



### Areas of application

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

### Product benefits

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 5 years guarantee

### Product features

- High luminous efficacy: up to 140 lm/W
- Type of protection: IP65
- Beam angle: 120°
- Through-wired (L, N, E)
- Polycarbonate housing



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**TECHNICAL DATA****Electrical data**

|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 66.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Inrush current                                              | 30 A                  |
| Inrush current time $T_{h50}$                               | 100 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 25                    |
| Max. number of luminaires per miniature circuit breaker C10 | 20                    |
| Max. number of luminaires per miniature circuit breaker C16 | 32                    |
| Power factor $\lambda$                                      | $\geq 0.90$           |
| Total harmonic distortion                                   | 20 %                  |
| Protection class                                            | II                    |
| Operating mode                                              | Integrated LED driver |

**Photometrical data**

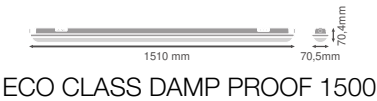
|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 9000 lm    |
| Luminous efficacy                            | 136 lm/W   |
| Color temperature                            | 4000 K     |
| Light color (designation)                    | Cool White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 5 sdcm   |
| Luminous intensity                           | -          |
| Flickering metric (Pst LM)                   | -          |
| Stroboscope effect metric (SVM)              | -          |
| Photobiological safety group acc. to EN62778 | RG1        |
| Photobiological safety group acc. to EN62471 | RG1        |
| Beam angle                                   | 120 °      |

ECO CLASS DAMP PROOF 66W

ECO CLASS DAMP PROOF

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1510.00 mm |
| Width          | 70.50 mm   |
| Height         | 70.40 mm   |
| Product weight | 1790.00 g  |



Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | Gray               |
| Housing color                              | Gray               |
| Body material                              | Polycarbonate (PC) |
| Cover material                             | Polycarbonate (PC) |
| Light emitting surface material            | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                                        |                 |
|----------------------------------------|-----------------|
| Ambient temperature range              | -20...+40 °C    |
| Temperature range at storage           | -40...+70 °C    |
| Type of connection                     | Screwless       |
| Type of protection                     | IP65            |
| Protection class IK (shock resistance) | IK08            |
| Dimmable                               | No              |
| Mounting type                          | Surface         |
| Mounting location                      | Ceiling / Wall  |
| Application environment                | Indoor          |
| LED module replaceable                 | Not replaceable |
| With light source                      | Yes             |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Number of switching cycles | 100000                |

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 / EAC / RoHS / REACH |
| Luminaire with limited surface temperature, "D sign" | Yes                     |

Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | - |
|-----------------------|---|

## EQUIPMENT / ACCESSORIES

– Mounting material for wall and ceiling installations included

## DOWNLOAD DATA

| Documents and certificates                                                       |                               | Document name                                     |
|----------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------|
|  | User instruction              | User Instruction ECO CLASS DAMPPROOF              |
|  | Declarations Of Conformity CE | CE Declaration of Conformity ECO CLASS DAMP PROOF |
| Photometric and lighting design files                                            |                               | Document name                                     |
|  | LDT file (Eulumdat)           | ECO CLASS DAMP PROOF HLO 1500 TH 66W 4000K IP65   |
|  | UGR file (UGR table)          | ECO CLASS DAMP PROOF 66W                          |
|  | LDC typ cone                  | ECO CLASS DAMP PROOF 66W                          |
|  | LDC typ polar                 | ECO CLASS DAMP PROOF                              |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075464025 | Folding box<br>1             | 1,536 mm x 77 mm x 75 mm             | 2097.00 g    | 8.87 dm <sup>3</sup>  |
| 4058075464032 | Shipping box<br>6            | 1,560 mm x 250 mm x 165 mm           | 13921.00 g   | 64.35 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.

## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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