

# PRODUCT DATASHEET

## ECO DAMP PROOF HLO 80 W 4000 K

ECO CLASS LED DAMPPROOF HLO | Damp-proof luminaires, classic shape



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy and quick installation
- 5 years guarantee

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### PRODUCT FEATURES

- Available with color temperature: 4,000 K, 6,500 K
- Lifetime (L70/B50): up to 50,000 h
- Luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Impact resistance: IK08



**TECHNICAL DATA**

## Electrical data

|                        |                               |
|------------------------|-------------------------------|
| Nominal wattage        | 80.00 W                       |
| Operating mode         | Electronic control gear (ECG) |
| Nominal voltage        | 220...240 V                   |
| Power factor $\lambda$ | >0.90                         |
| Mains frequency        | 50/60 Hz                      |

## Photometrical data

|                                      |                           |
|--------------------------------------|---------------------------|
| Color temperature                    | 4000 K                    |
| Luminous flux                        | 11000 lm                  |
| Luminous efficacy                    | 137 lm/W                  |
| Standard deviation of color matching | $\leq 5$ sdc <sub>m</sub> |
| Color rendering index Ra             | >80                       |

## Light technical data

|            |       |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

## Dimensions &amp; weight

|                |           |
|----------------|-----------|
| Length         | 1480 mm   |
| Width          | 72.0 mm   |
| Height         | 61.0 mm   |
| Product weight | 1620.00 g |

## Colors &amp; materials

|                |                    |
|----------------|--------------------|
| Body material  | Polycarbonate (PC) |
| Housing color  | Gray               |
| Product color  | Gray               |
| Cover material | Polycarbonate (PC) |

## Temperatures &amp; operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -30...+40 °C |
|---------------------------|--------------|

## Lifespan

|                           |         |
|---------------------------|---------|
| Lifespan L70/B50 at 25 °C | 50000 h |
|---------------------------|---------|

## Additional product data

|                   |                |
|-------------------|----------------|
| Mounting type     | Surface        |
| Mounting location | Ceiling / Wall |

## Capabilities

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Dimmable</b>               | No                          |
| <b>Type of connection</b>     | Terminal, 3-Pole (L, N, PE) |
| <b>LED module replaceable</b> | Not replaceable             |

## Certificates &amp; standards

|   |      |
|---|------|
| <b>Protection class IK (shock resistance)</b> | IK08 |
| <b>Photobio. safety group acc. to EN62471</b> | RG 0 |
| <b>Protection class</b>                       | I    |
| <b>Type of protection</b>                     | IP65 |
| <b>Standards</b>                              | CE   |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075301658 | Folding carton box<br>1      | 1522 mm x 75 mm x 65 mm              | 1901.00 g    | 7.42 dm <sup>3</sup>  |
| 4058075301665 | Shipping carton box<br>6     | 1543 mm x 250 mm x 155 mm            | 12776.00 g   | 59.79 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)

## DISCLAIMER

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