

Last information update: February 2025

**Product configuration: ALW2**

ALW2: Wall-mounted, Longitudinal Asymmetric Comfort Optic, Warm LED, DALI 220-240V ac



**Product code**

ALW2: Wall-mounted, Longitudinal Asymmetric Comfort Optic, Warm LED, DALI 220-240V ac

**Technical description**

Direct light luminaire, designed to use monochrome LED lamps. It consists of a body, an optical assembly and a base for fixing it to the wall. Optical assembly and die-cast aluminium glass-holder frame. 5mm thick tempered sodium-calcium closing glass with black serigraphy. Comfort prismatic glass with black serigraphy. Body and optical assembly subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. Longitudinal Asymmetric Comfort Optic (AL) with high performance Opti-smart reflectors in superpure aluminium coated with silver deposits offering uniform light distribution. Both the LED unit and the ballast may be substituted. Optical assembly complete with electronic control gear and output power cable. IP68 connectors to be ordered separately are required for the electrical connection. All the screws used are made of A2 stainless steel.

**Installation**

Wall-mounted with screw anchors not supplied with the product.

**Colour**

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

**Weight (Kg)**

2.5

**Mounting**

wall surface

**Wiring**

Product complete with DALI 220÷240V ac electronic control gear.

**Notes**

Overvoltage protection: 4kV in Common Mode (CM), 2kV in Differential Mode (DM). • The SPD accessory (JAL6) increases overvoltage protection to 6kV/10kV (CM/DM).

Complies with EN60598-1 and pertinent regulations



**Technical data**

|  |                                |  |  |
|--|--------------------------------|--|--|
| Im system:   | 1424                           | Life Time LED 2:   | 100,000h - L90 - B10 (Ta 40°C)   |
| W system:  | 13.8                           | Voltage [Vin]:   | 230  |
| Im source:   | 1950                           | Lamp code:   | LED  |
| W source:  | 11                             | Number of lamps for optical assembly:                                    | 1  |
| Luminous efficiency (Im/W, real value):            | 103.2                          | ZVEI Code:   | LED  |
| Im in emergency mode:                              | -                              | Number of optical assemblies:  | 1  |
| Total light flux at or above an angle of 90° [Lm]: | 0                              | Intervallo temperatura ambiente:   | from -30°C to 50°C.  |
| Light Output Ratio (L.O.R.) [%]:                   | 73                             | Power factor:  | See installation instructions  |
| CRI (minimum):                                     | 80                             | Inrush current:  | 5 A / 50 µs  |
| CRI (typical):                                     | 82                             | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 31 luminaires<br>B16A: 50 luminaires<br>C10A: 52 luminaires<br>C16A: 85 luminaires |
| Colour temperature [K]:                            | 3000                           | Overvoltage protection:  | 4kV Common mode & 2kV Differential mode  |
| MacAdam Step:                                      | 3                              | Control:   | DALI-2   |
| Life Time LED 1:                                   | 100,000h - L90 - B10 (Ta 25°C) |  |  |

Polar

