

Last information update: June 2025

**Product configuration: S491**

S491: 47 surface Integral with side box - Warm White - DALI - L = 907mm - Wall Grazing Medium optic

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**Technical description**

Direct light luminaire, designed to use monochrome LED lamps, DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is 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. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Warm White. Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium lighting. All external screws used are made of A2 stainless steel.

**Installation**

Installation accessories can be purchased separately, including arms (for heights &lt; 3m and heights &gt; 3m) and plates.

**Colour**

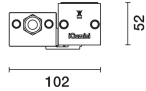
White (01) | Black (04) | Grey (15) | Rust Brown (F5)

**Weight (Kg)**

2.8

**Mounting**

wall arm/wall surface



Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |      |                                       |                                |
|--|------|---------------------------------------|--------------------------------|
| Im system:   | 2268 | MacAdam Step:                         | 3                              |
| W system:  | 39.2 | Life Time LED 1:                      | 100,000h - L80 - B10 (Ta 25°C) |
| Im source:   | 4200 | Life Time LED 2:                      | 100,000h - L80 - B10 (Ta 40°C) |
| W source:  | 31   | Voltage [Vin]:                        | 230                            |
| Luminous efficiency (Im/W, real value):            | 57.9 | Lamp code:                            | LED                            |
| Im in emergency mode:                              | -    | Number of lamps for optical assembly: | 1                              |
| Total light flux at or above an angle of 90° [Lm]: | 0    | ZVEI Code:                            | LED                            |
| Light Output Ratio (L.O.R.) [%]:                   | 54   | Number of optical assemblies:         | 1                              |
| CRI (minimum):                                     | 80   | Intervalllo temperatura ambiente:     | from -30°C to 50°C.            |
| Colour temperature [K]:                            | 3000 | Control:                              | DALI-2                         |

**Polar**