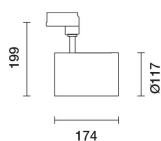


Last information update: May 2025

Product configuration: 7925.01

7925.01: body Ø 117 mm - very wide flood optic - DALI - 28.5W 3904.5lm - 3000K - White

**Product code**

7925.01: body Ø 117 mm - very wide flood optic - DALI - 28.5W 3904.5lm - 3000K - White

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Built-in dimmable DALI ballast. Luminaire complete with C.O.B. technology LED unit in warm white colour 3000K. Anti-scratch reflector made of P.V.D (physical vapour deposition) aluminium that can provide optimum performance in terms of light efficiency. very wide flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor.

Installation

On an electrified track or special base

Colour

White (01)

Weight (Kg)

1.17

Mounting

three circuit track

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



IP20

IP40

With accessory installed

**Technical data**

| | | | |
|--|------|--|--|
| Im system: | 3905 | MacAdam Step: | 2 |
| W system: | 28.5 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Im source: | 4110 | Lamp code: | LED |
| W source: | 25 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (Im/W, real value): | 137 | ZVEI Code: | LED |
| Im in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Power factor: | See installation instructions |
| Light Output Ratio (L.O.R.) [%]: | 95 | Inrush current: | 18 A / 250 µs |
| Beam angle [°]: | 52° | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires |
| CRI (minimum): | 80 | Minimum dimming %: | 1 |
| Rf (Colour Fidelity Index): | 84 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| Rg (Gamut Index): | 95 | Control: | DALI-2 |
| Colour temperature [K]: | 3000 | | |

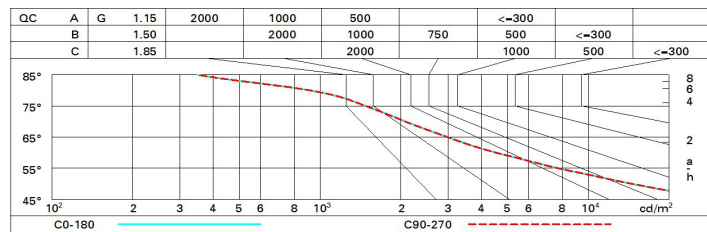
Polar

| | | | | | | | | |
|---------------------------|---|-----|------|------|------------|--|--|--|
| Imax=5702 cd α=52° | CIE nL 0.95 97-100-100-100-95 UGR 18.7-18.7 DIN A.61 UTE 0.95A+0.00T F*1=969 F*1+F*2=997 F*1+F*2+F*3=1000 CIBSE LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @65° | | | | Lux | | | |
| | h | d | Em | Emax | | | | |
| | 2 | 2 | 1089 | 1426 | | | | |
| | 4 | 3.9 | 272 | 356 | | | | |
| | 6 | 5.9 | 121 | 158 | | | | |
| | 8 | 7.8 | 68 | 89 | | | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|-----|-----|-----|-----|----|----|----|----|-----|
| K0.8 | 85 | 80 | 76 | 74 | 79 | 76 | 76 | 72 | 76 |
| 1.0 | 88 | 84 | 81 | 79 | 83 | 81 | 80 | 77 | 81 |
| 1.5 | 93 | 90 | 88 | 86 | 89 | 87 | 86 | 83 | 87 |
| 2.0 | 96 | 94 | 92 | 91 | 93 | 91 | 90 | 87 | 92 |
| 2.5 | 98 | 96 | 95 | 94 | 95 | 94 | 93 | 90 | 95 |
| 3.0 | 99 | 98 | 97 | 96 | 97 | 96 | 94 | 92 | 97 |
| 4.0 | 101 | 100 | 99 | 98 | 98 | 97 | 96 | 94 | 99 |
| 5.0 | 101 | 101 | 100 | 100 | 99 | 98 | 97 | 95 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 4110 lm bare lamp luminous flux) | | | | | | | | | | | |
|---|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceil/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | | | | | | | | | | |
| 2H | 2H | 19.2 | 19.8 | 19.5 | 20.0 | 20.3 | 19.2 | 19.8 | 19.5 | 20.0 | 20.3 |
| | 3H | 19.1 | 19.6 | 19.4 | 19.9 | 20.2 | 19.1 | 19.6 | 19.4 | 19.9 | 20.2 |
| | 4H | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 |
| | 6H | 18.9 | 19.4 | 19.3 | 19.7 | 20.0 | 18.9 | 19.4 | 19.3 | 19.7 | 20.0 |
| | 8H | 18.9 | 19.3 | 19.3 | 19.7 | 20.0 | 18.9 | 19.3 | 19.3 | 19.7 | 20.0 |
| | 12H | 18.9 | 19.3 | 19.2 | 19.6 | 20.0 | 18.9 | 19.3 | 19.2 | 19.6 | 20.0 |
| | | | | | | | | | | | |
| 4H | 2H | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 |
| | 3H | 18.9 | 19.3 | 19.2 | 19.6 | 20.0 | 18.9 | 19.3 | 19.2 | 19.6 | 20.0 |
| | 4H | 18.8 | 19.2 | 19.2 | 19.5 | 19.9 | 18.8 | 19.2 | 19.2 | 19.5 | 19.9 |
| | 6H | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 |
| | 8H | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 |
| | 12H | 18.6 | 18.9 | 19.1 | 19.3 | 19.8 | 18.6 | 18.9 | 19.1 | 19.3 | 19.8 |
| | | | | | | | | | | | |
| 8H | 4H | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 | 18.7 | 19.0 | 19.1 | 19.4 | 19.8 |
| | 6H | 18.6 | 18.8 | 19.0 | 19.3 | 19.7 | 18.6 | 18.8 | 19.0 | 19.3 | 19.7 |
| | 8H | 18.5 | 18.7 | 19.0 | 19.2 | 19.7 | 18.5 | 18.7 | 19.0 | 19.2 | 19.7 |
| | 12H | 18.5 | 18.6 | 19.0 | 19.1 | 19.6 | 18.5 | 18.6 | 19.0 | 19.1 | 19.6 |
| | | | | | | | | | | | |
| 12H | 4H | 18.6 | 18.9 | 19.1 | 19.3 | 19.8 | 18.6 | 18.9 | 19.1 | 19.3 | 19.8 |
| | 6H | 18.5 | 18.7 | 19.0 | 19.2 | 19.7 | 18.5 | 18.7 | 19.0 | 19.2 | 19.7 |
| | 8H | 18.5 | 18.6 | 19.0 | 19.1 | 19.6 | 18.5 | 18.6 | 19.0 | 19.1 | 19.6 |
| | | | | | | | | | | | |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 5.5 / -10.6 | | | | | 5.5 / -10.6 | | | | |
| | 1.5H | 8.3 / -13.6 | | | | | 8.3 / -13.6 | | | | |
| | 2.0H | 10.3 / -15.0 | | | | | 10.3 / -15.0 | | | | |