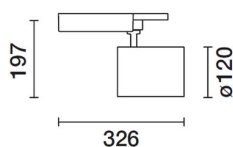


Last information update: May 2024

Product configuration: P700

P700: DALI dimmable spotlight - warm white flood optic



Product code

P700: DALI dimmable spotlight - warm white flood optic **Attention! Code no longer in production**

Technical description

Adjustable spotlight with adapter for installation on DALI track for LED source with COB technology, Warm White (3000K) emission. Electronic control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTI BEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, flood optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

Installation

The luminaire can be installed on a DALI track or on an appropriate channel incorporating an electrified track.

Colour

White (01) | Black (04)

Weight (Kg)

1.82

Mounting

three circuit track|ceiling surface

Wiring

product inclusive of DALI components incorporated into the track-mounted box.

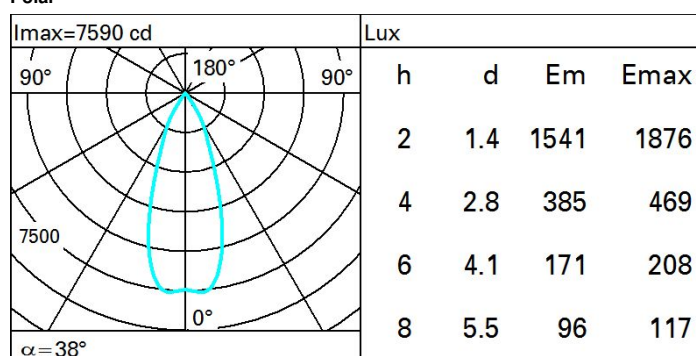
Complies with EN60598-1 and pertinent regulations



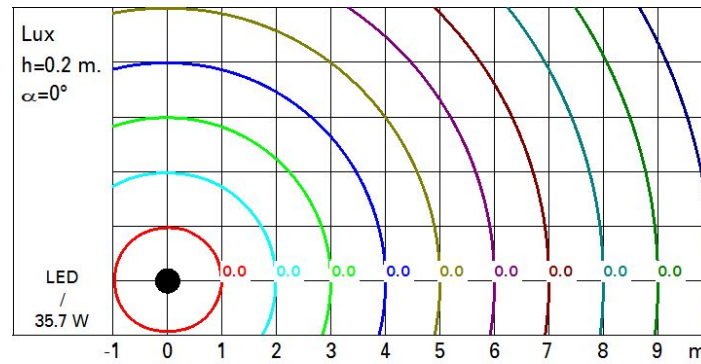
Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 3471 | CRI: | 90 |
| W system: | 35.7 | Colour temperature [K]: | 3000 |
| Im source: | 4400 | MacAdam Step: | 2 |
| W source: | 33 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 97.2 | 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.) [%]: | 79 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 38° | Control: | DALI |

Polar



Isolux



UGR diagram

| Corrected UGR values (at 4400 lm bare lamp luminous flux) | | | | | | | | | | | |
|---|-----|------------------|--------------|------|------|------|----------------|------|------|------|------|
| Reflect.: | | viewed crosswise | | | | | viewed endwise | | | | |
| ceiling/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | viewed crosswise | | | | | viewed endwise | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 |
| | 3H | 15.9 | 16.4 | 16.2 | 16.7 | 17.0 | 15.9 | 16.4 | 16.2 | 16.7 | 17.0 |
| | 4H | 15.8 | 16.3 | 16.1 | 16.6 | 16.9 | 15.8 | 16.3 | 16.2 | 16.6 | 16.9 |
| | 6H | 15.7 | 16.2 | 16.1 | 16.5 | 16.8 | 15.7 | 16.2 | 16.1 | 16.5 | 16.8 |
| | 8H | 15.7 | 16.1 | 16.1 | 16.5 | 16.8 | 15.7 | 16.1 | 16.1 | 16.5 | 16.8 |
| | 12H | 15.7 | 16.1 | 16.0 | 16.4 | 16.8 | 15.7 | 16.1 | 16.0 | 16.4 | 16.8 |
| 4H | 2H | 15.8 | 16.3 | 16.2 | 16.6 | 16.9 | 15.8 | 16.3 | 16.1 | 16.6 | 16.9 |
| | 3H | 15.7 | 16.1 | 16.0 | 16.4 | 16.8 | 15.7 | 16.1 | 16.0 | 16.4 | 16.8 |
| | 4H | 15.6 | 16.0 | 16.0 | 16.3 | 16.7 | 15.6 | 16.0 | 16.0 | 16.3 | 16.7 |
| | 6H | 15.5 | 15.8 | 15.9 | 16.2 | 16.6 | 15.5 | 15.8 | 15.9 | 16.2 | 16.6 |
| | 8H | 15.4 | 15.7 | 15.9 | 16.2 | 16.6 | 15.4 | 15.7 | 15.9 | 16.2 | 16.6 |
| | 12H | 15.4 | 15.7 | 15.9 | 16.1 | 16.6 | 15.4 | 15.7 | 15.9 | 16.1 | 16.6 |
| 8H | 4H | 15.4 | 15.7 | 15.9 | 16.2 | 16.6 | 15.4 | 15.7 | 15.9 | 16.2 | 16.6 |
| | 6H | 15.4 | 15.6 | 15.8 | 16.0 | 16.5 | 15.4 | 15.6 | 15.8 | 16.0 | 16.5 |
| | 8H | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 |
| | 12H | 15.2 | 15.4 | 15.8 | 15.9 | 16.4 | 15.2 | 15.4 | 15.8 | 15.9 | 16.4 |
| 12H | 4H | 15.4 | 15.7 | 15.9 | 16.1 | 16.6 | 15.4 | 15.7 | 15.9 | 16.1 | 16.6 |
| | 6H | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 |
| | 8H | 15.2 | 15.4 | 15.8 | 15.9 | 16.4 | 15.2 | 15.4 | 15.8 | 15.9 | 16.4 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | | 1.0H | 0.5 / -12.5 | | | | 0.5 / -12.5 | | | | |
| | | 1.5H | 9.3 / -17.3 | | | | 9.3 / -17.3 | | | | |
| | | 2.0H | 11.3 / -19.6 | | | | 11.3 / -19.6 | | | | |