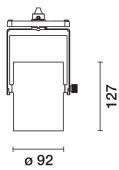


Last information update: February 2025

Product configuration: RF66.01

RF66.01: Pendant Tecnica Evo - Ø92 body - DALI - 27.5W 3240lm - 3000K - White



Product code

RF66.01: Pendant Tecnica Evo - Ø92 body - DALI - 27.5W 3240lm - 3000K - White

Technical description

Pendant luminaire fitted with an adapter for installation on an electrified DALI track. High yield LED lamp. Die-cast aluminium luminaire. Optical system with high performance P.V.D. (Physical Vapour Deposition) anti-scratch aluminium reflector that offers an excellent light efficiency ratio. Balanced pendant system with double steel cable and adjustment system. Fitted with mechanical aiming locks, so rotation and tilting movements can be locked in position to ensure efficient light aiming even after the original installation or during maintenance. Integrated DALI dimmable power supply unit. Designed to house other optical accessories in the range. Interchangeable reflectors are available, which allow the emission angle to be varied as required, even after the original installation.

Installation

Installation on an electrified track.

Colour

White (01)

Weight (Kg)

1.46

Mounting

dali track

Wiring

Built-in DALI dimmable power supply.

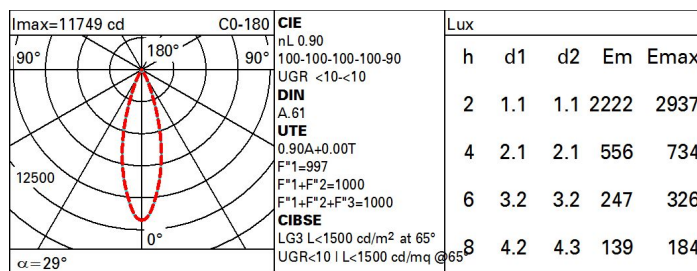
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| lm system: | 3240 | CRI (minimum): | 80 |
| W system: | 27.5 | Colour temperature [K]: | 3000 |
| lm source: | 3600 | MacAdam Step: | 2 |
| W source: | 24 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 117.8 | Lamp code: | LED |
| lm 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.) [%]: | 90 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 29° | Control: | DALI-2 |

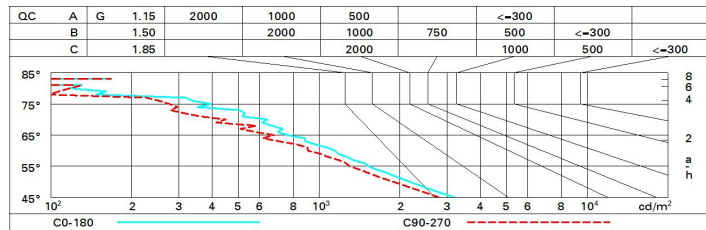
Polar



Utilisation factors

| | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|-----|
| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
| K0.8 | 81 | 77 | 74 | 72 | 76 | 74 | 73 | 70 | 78 |
| 1.0 | 85 | 81 | 78 | 76 | 80 | 78 | 77 | 75 | 83 |
| 1.5 | 89 | 86 | 84 | 82 | 85 | 83 | 82 | 80 | 89 |
| 2.0 | 92 | 90 | 88 | 87 | 88 | 87 | 86 | 84 | 93 |
| 2.5 | 93 | 92 | 91 | 90 | 91 | 89 | 89 | 86 | 96 |
| 3.0 | 95 | 94 | 93 | 92 | 92 | 91 | 90 | 88 | 98 |
| 4.0 | 96 | 95 | 94 | 94 | 93 | 93 | 92 | 89 | 99 |
| 5.0 | 96 | 96 | 95 | 95 | 94 | 94 | 92 | 90 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 3600 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 | 7.0 | 7.5 | 7.3 | 7.7 | 8.0 | 6.5 | 7.0 | 6.8 | 7.3 | 7.5 |
| | 3H | 6.9 | 7.4 | 7.2 | 7.6 | 7.9 | 6.4 | 6.9 | 6.7 | 7.1 | 7.4 |
| | 4H | 6.8 | 7.3 | 7.1 | 7.5 | 7.8 | 6.3 | 6.8 | 6.7 | 7.1 | 7.4 |
| | 6H | 6.7 | 7.1 | 7.1 | 7.5 | 7.8 | 6.3 | 6.7 | 6.6 | 7.0 | 7.3 |
| | 8H | 6.7 | 7.1 | 7.1 | 7.4 | 7.8 | 6.2 | 6.6 | 6.6 | 6.9 | 7.3 |
| 12H | 6.7 | 7.0 | 7.0 | 7.4 | 7.7 | 6.2 | 6.6 | 6.6 | 6.9 | 7.2 | |
| 4H | 2H | 6.8 | 7.3 | 7.1 | 7.5 | 7.8 | 6.3 | 6.8 | 6.7 | 7.1 | 7.4 |
| | 3H | 6.7 | 7.1 | 7.1 | 7.4 | 7.7 | 6.2 | 6.6 | 6.6 | 6.9 | 7.3 |
| | 4H | 6.6 | 6.9 | 7.0 | 7.3 | 7.7 | 6.1 | 6.5 | 6.5 | 6.8 | 7.2 |
| | 6H | 6.5 | 6.8 | 6.9 | 7.2 | 7.6 | 6.0 | 6.3 | 6.5 | 6.7 | 7.1 |
| | 8H | 6.5 | 6.7 | 6.9 | 7.1 | 7.6 | 6.0 | 6.3 | 6.4 | 6.7 | 7.1 |
| 12H | 6.4 | 6.7 | 6.9 | 7.1 | 7.5 | 5.9 | 6.2 | 6.4 | 6.6 | 7.1 | |
| 8H | 4H | 6.5 | 6.7 | 6.9 | 7.1 | 7.6 | 6.0 | 6.3 | 6.4 | 6.7 | 7.1 |
| | 6H | 6.4 | 6.6 | 6.8 | 7.0 | 7.5 | 5.9 | 6.1 | 6.4 | 6.6 | 7.0 |
| | 8H | 6.3 | 6.5 | 6.8 | 7.0 | 7.5 | 5.8 | 6.0 | 6.3 | 6.5 | 7.0 |
| | 12H | 6.3 | 6.4 | 6.8 | 6.9 | 7.4 | 5.8 | 5.9 | 6.3 | 6.4 | 7.0 |
| 12H | 4H | 6.4 | 6.7 | 6.9 | 7.1 | 7.5 | 5.9 | 6.2 | 6.4 | 6.6 | 7.1 |
| | 6H | 6.3 | 6.5 | 6.8 | 7.0 | 7.5 | 5.8 | 6.0 | 6.3 | 6.5 | 7.0 |
| | 8H | 6.3 | 6.4 | 6.8 | 6.9 | 7.4 | 5.8 | 5.9 | 6.3 | 6.4 | 7.0 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 6.9 / -11.0 | | | | | 6.9 / -11.3 | | | | |
| | 1.5H | 9.7 / -12.9 | | | | | 9.7 / -13.2 | | | | |
| | 2.0H | 11.7 / -14.7 | | | | | 11.7 / -15.2 | | | | |