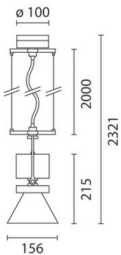


Last information update: November 2024

Product configuration: RR76

RR76: Pendant-mounted with base - Medium body spotlight - warm white - DALI - SPOT



Product code

RR76: Pendant-mounted with base - Medium body spotlight - warm white - DALI - SPOT

Technical description

Pendant luminaire with ceiling-mounted installation base. High yield LED lamp with high color rendering index. Adjustable pendant spotlight made of die-cast aluminium and thermoplastic material. Die-cast aluminium, ceiling-mounting base. The lower section of the base integrates the balanced pendant system with double steel cable - L max 2000 mm - 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. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

Installation

Base for ceiling-mounting - fixed to installation surface with screws and screw anchors (not included) - pendant cables L max 2000.

Colour
White (01) | Grey (15)

Weight (Kg)
1.64

Mounting
ceiling pendant

Wiring
Integrated DALI dimmer power supply unit. Terminals for connecting to mains network available on the ceiling-mounted base.

Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 3165 | CRI (minimum): | 90 |
| W system: | 37.1 | Colour temperature [K]: | 3000 |
| Im source: | 3860 | MacAdam Step: | 2 |
| W source: | 32 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 85.3 | 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.) [%]: | 82 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 14° | Control: | DALI-2 |

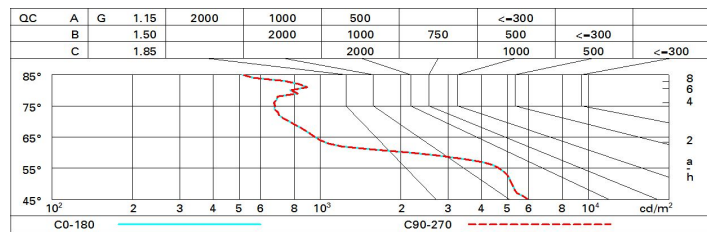
Polar

| | | | | |
|---------------------------------------|-------------------|-----|------|------------------|
| <p>$\alpha = 15^\circ$</p> | CIE | | | |
| | nL 0.82 | | | |
| | 98-100-100-100-82 | | | |
| | UGR 17.1-17.1 | | | |
| | DIN | | | |
| | A.61 | | | |
| | UTE | | | |
| | 0.82A+0.00T | | | |
| | F*1=984 | | | |
| | F*1+F*2=998 | | | |
| F*1+F*2+F*3=1000 | | | | |
| CIBSE | | | | |
| LG3 L<1500 cd/m ² at 65° | | | | |
| UGR<19 L<1500 cd/mq @65° | | | | |
| Lux | | | | |
| | h | d | Em | E _{max} |
| | 2 | 0.5 | 4366 | 5309 |
| | 4 | 1 | 1091 | 1327 |
| | 6 | 1.6 | 485 | 590 |
| | 8 | 2.1 | 273 | 332 |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 74 | 70 | 67 | 65 | 69 | 66 | 66 | 63 | 77 |
| 1.0 | 77 | 73 | 71 | 69 | 73 | 70 | 70 | 67 | 82 |
| 1.5 | 81 | 78 | 76 | 74 | 77 | 75 | 75 | 72 | 88 |
| 2.0 | 83 | 81 | 80 | 79 | 80 | 79 | 78 | 76 | 92 |
| 2.5 | 85 | 83 | 82 | 81 | 82 | 81 | 80 | 78 | 95 |
| 3.0 | 86 | 85 | 84 | 83 | 84 | 83 | 82 | 80 | 97 |
| 4.0 | 87 | 86 | 86 | 85 | 85 | 84 | 83 | 81 | 99 |
| 5.0 | 88 | 87 | 87 | 86 | 86 | 85 | 84 | 82 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 3860 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling/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 | 18.0 | 19.7 | 18.3 | 20.0 | 20.4 | 18.0 | 19.7 | 18.3 | 20.0 | 20.4 |
| | 3H | 17.9 | 19.1 | 18.2 | 19.4 | 19.7 | 17.9 | 19.1 | 18.2 | 19.4 | 19.7 |
| | 4H | 17.8 | 18.8 | 18.2 | 19.2 | 19.5 | 17.8 | 18.8 | 18.2 | 19.2 | 19.5 |
| | 6H | 17.7 | 18.7 | 18.1 | 19.0 | 19.4 | 17.7 | 18.7 | 18.1 | 19.0 | 19.4 |
| | 8H | 17.6 | 18.7 | 18.0 | 19.0 | 19.4 | 17.6 | 18.7 | 18.0 | 19.0 | 19.4 |
| | 12H | 17.6 | 18.6 | 18.0 | 19.0 | 19.4 | 17.6 | 18.6 | 18.0 | 19.0 | 19.4 |
| | | | | | | | | | | | |
| 4H | 2H | 17.8 | 18.8 | 18.2 | 19.2 | 19.5 | 17.8 | 18.8 | 18.2 | 19.2 | 19.5 |
| | 3H | 17.6 | 18.6 | 18.0 | 19.0 | 19.4 | 17.6 | 18.6 | 18.0 | 19.0 | 19.4 |
| | 4H | 17.4 | 18.5 | 17.9 | 18.9 | 19.3 | 17.4 | 18.5 | 17.9 | 18.9 | 19.3 |
| | 6H | 17.2 | 18.6 | 17.7 | 19.0 | 19.5 | 17.2 | 18.6 | 17.7 | 19.0 | 19.5 |
| | 8H | 17.1 | 18.6 | 17.6 | 19.1 | 19.6 | 17.1 | 18.6 | 17.6 | 19.1 | 19.6 |
| | 12H | 17.0 | 18.6 | 17.5 | 19.1 | 19.6 | 17.0 | 18.6 | 17.5 | 19.1 | 19.6 |
| | | | | | | | | | | | |
| 8H | 4H | 17.1 | 18.6 | 17.6 | 19.1 | 19.6 | 17.1 | 18.6 | 17.6 | 19.1 | 19.6 |
| | 6H | 17.0 | 18.5 | 17.5 | 18.9 | 19.4 | 17.0 | 18.5 | 17.5 | 18.9 | 19.4 |
| | 8H | 17.0 | 18.2 | 17.5 | 18.7 | 19.2 | 17.0 | 18.2 | 17.5 | 18.7 | 19.2 |
| | 12H | 17.1 | 17.9 | 17.6 | 18.4 | 18.9 | 17.1 | 17.9 | 17.6 | 18.4 | 18.9 |
| | | | | | | | | | | | |
| 12H | 4H | 17.0 | 18.6 | 17.5 | 19.1 | 19.6 | 17.0 | 18.6 | 17.5 | 19.1 | 19.6 |
| | 6H | 17.0 | 18.2 | 17.5 | 18.7 | 19.2 | 17.0 | 18.2 | 17.5 | 18.7 | 19.2 |
| | 8H | 17.1 | 17.9 | 17.6 | 18.4 | 18.9 | 17.1 | 17.9 | 17.6 | 18.4 | 18.9 |
| | | | | | | | | | | | |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 5.6 / -11.9 | | | | | 5.6 / -11.9 | | | | |
| | 1.5H | 8.4 / -16.5 | | | | | 8.4 / -16.5 | | | | |
| | 2.0H | 10.4 / -17.2 | | | | | 10.4 / -17.2 | | | | |