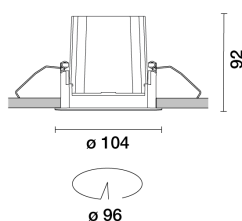


Last information update: April 2025

Product configuration: RA38.01+MY46.24RA38.01: Adjustable (tilting) round recessed luminaire - LED - Medium - 17W 1958.8lm - 4000K - CRI 90 - White
MY46.24: "Soft Lens" filter - Clear transparent**Product code**

RA38.01: Adjustable (tilting) round recessed luminaire - LED - Medium - 17W 1958.8lm - 4000K - CRI 90 - White

Technical description

Round recessed luminaire with contact frame. Adjustable version that tilts by a maximum of 30°. The main swivel body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - medium optic. Structure with die-cast aluminium external contact frame with a single white finish. Steel rotating parts. The ring inside the swivel body is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included. Quick and easy tool free assembly. High color rendering index 4000K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation hole Ø 96 mm.

Colour
White (01)**Weight (Kg)**
0.38**Mounting**

wall recessed|ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

To reduce the glare caused by the internal wall of the recess when the luminaire has been rotated, a black, snap on accessory ring is available. A wide range of decorative accessories and diffusers is also available.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of
the product once installed**Accessory code**

MY46.24: "Soft Lens" filter - Clear transparent

Technical description

Soft Lens Filter

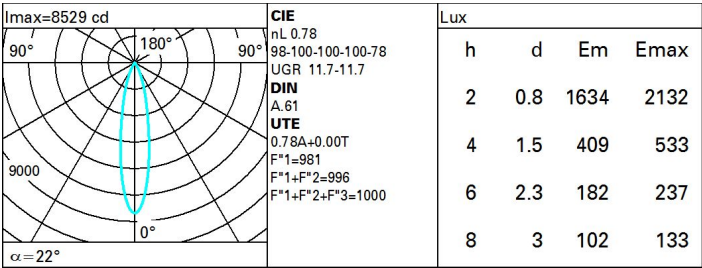
Colour
Clear transparent (24)**Weight (Kg)**
0.03

Complies with EN60598-1 and pertinent regulations

Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| lm system: | 1841 | CRI (minimum): | 90 |
| W system: | 17 | Colour temperature [K]: | 4000 |
| lm source: | 2360 | MacAdam Step: | 2 |
| W source: | 17 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 108.3 | 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.) [%]: | 78 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 22° | LED current [mA]: | 500 |

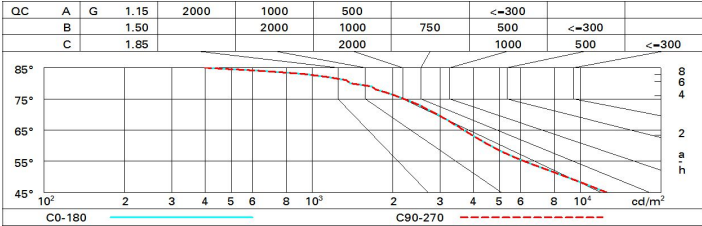
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 70 | 66 | 63 | 61 | 65 | 63 | 63 | 60 | 77 |
| 1.0 | 73 | 70 | 67 | 65 | 69 | 67 | 66 | 64 | 82 |
| 1.5 | 77 | 74 | 72 | 71 | 73 | 72 | 71 | 68 | 88 |
| 2.0 | 79 | 77 | 76 | 75 | 76 | 75 | 74 | 72 | 92 |
| 2.5 | 81 | 79 | 78 | 77 | 78 | 77 | 76 | 74 | 95 |
| 3.0 | 82 | 81 | 80 | 79 | 79 | 79 | 78 | 76 | 97 |
| 4.0 | 83 | 82 | 82 | 81 | 81 | 80 | 79 | 77 | 99 |
| 5.0 | 83 | 83 | 82 | 82 | 81 | 81 | 80 | 78 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2300 lm bare lamp luminous flux) | | | | | | | | | | | | |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | viewed crosswise | | | | | viewed endwise | | | | | |
| 2H | 2H | 12.2 | 14.2 | 12.6 | 14.5 | 14.9 | 12.2 | 14.2 | 12.6 | 14.5 | 14.9 | |
| | 3H | 12.2 | 13.8 | 12.6 | 14.1 | 14.4 | 12.1 | 13.7 | 12.5 | 14.0 | 14.4 | |
| | 4H | 12.2 | 13.5 | 12.6 | 13.8 | 14.2 | 12.1 | 13.4 | 12.5 | 13.8 | 14.1 | |
| | 6H | 12.2 | 13.2 | 12.6 | 13.6 | 13.9 | 12.1 | 13.1 | 12.4 | 13.5 | 13.8 | |
| | 8H | 12.1 | 13.2 | 12.5 | 13.5 | 13.9 | 12.0 | 13.1 | 12.4 | 13.4 | 13.8 | |
| | 12H | 12.1 | 13.1 | 12.5 | 13.5 | 13.9 | 12.0 | 13.0 | 12.4 | 13.4 | 13.8 | |
| 4H | 2H | 12.1 | 13.4 | 12.5 | 13.8 | 14.1 | 12.2 | 13.5 | 12.6 | 13.8 | 14.2 | |
| | 3H | 12.2 | 13.2 | 12.6 | 13.6 | 14.0 | 12.2 | 13.2 | 12.6 | 13.6 | 14.0 | |
| | 4H | 12.1 | 13.1 | 12.5 | 13.5 | 13.9 | 12.1 | 13.1 | 12.5 | 13.5 | 13.9 | |
| | 6H | 11.8 | 13.5 | 12.3 | 13.9 | 14.4 | 11.8 | 13.4 | 12.3 | 13.9 | 14.3 | |
| | 8H | 11.7 | 13.5 | 12.2 | 14.0 | 14.5 | 11.7 | 13.5 | 12.2 | 14.0 | 14.5 | |
| | 12H | 11.6 | 13.5 | 12.1 | 14.0 | 14.5 | 11.6 | 13.5 | 12.1 | 14.0 | 14.5 | |
| 8H | 4H | 11.7 | 13.5 | 12.2 | 14.0 | 14.5 | 11.7 | 13.5 | 12.2 | 14.0 | 14.5 | |
| | 6H | 11.6 | 13.4 | 12.1 | 13.9 | 14.4 | 11.6 | 13.4 | 12.1 | 13.9 | 14.4 | |
| | 8H | 11.6 | 13.2 | 12.2 | 13.7 | 14.2 | 11.6 | 13.2 | 12.2 | 13.7 | 14.2 | |
| | 12H | 11.8 | 12.8 | 12.3 | 13.3 | 13.8 | 11.8 | 12.8 | 12.3 | 13.3 | 13.8 | |
| 12H | 4H | 11.6 | 13.5 | 12.1 | 14.0 | 14.5 | 11.6 | 13.5 | 12.1 | 14.0 | 14.5 | |
| | 6H | 11.6 | 13.2 | 12.1 | 13.7 | 14.2 | 11.6 | 13.2 | 12.1 | 13.7 | 14.2 | |
| | 8H | 11.8 | 12.8 | 12.3 | 13.3 | 13.8 | 11.8 | 12.8 | 12.3 | 13.3 | 13.8 | |
| Variations with the observer position at spacing: | | | | | | | | | | | | |
| S = | | 1.0H | 4.7 / -4.3 | | 4.7 / -4.3 | | | | | | | |
| | | 1.5H | 7.4 / -5.6 | | 7.4 / -5.6 | | | | | | | |
| | | 2.0H | 9.3 / -6.3 | | 9.3 / -6.3 | | | | | | | |