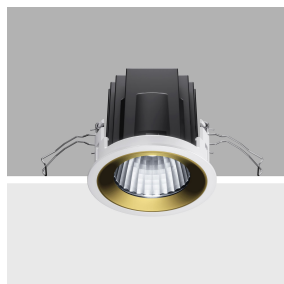


Last information update: April 2025

Product configuration: RA13.41

RA13.41: Fixed round recessed luminaire - LED - wideflood - 17W 2138.5lm - 4000K - CRI 90 - White/Gold

**Product code**

RA13.41: Fixed round recessed luminaire - LED - wideflood - 17W 2138.5lm - 4000K - CRI 90 - White/Gold

Technical description

Round recessed luminaire with contact frame. Fixed version. The LED is set back to minimize glare. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - wideflood optic. Structure with die-cast aluminium external contact frame with a single white finish. The internal ring 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/Gold (41)*

Weight (Kg)

0.37

* Colours on request

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

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations



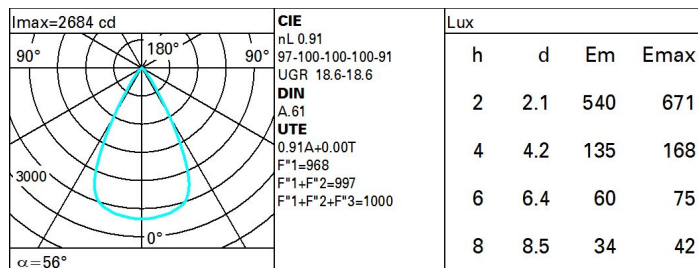
IP20

IP44

On the visible part of the product once installed

**Technical data**

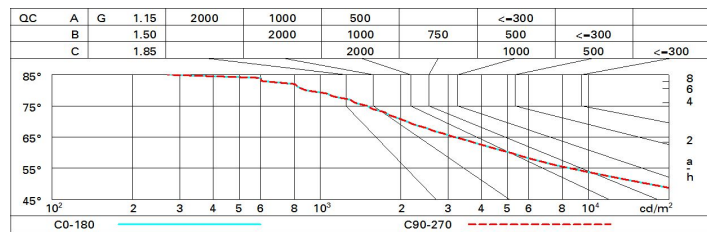
| | | | |
|--|-------|---------------------------------------|---------------------------------|
| lm system: | 2139 | CRI (minimum): | 90 |
| W system: | 17 | Colour temperature [K]: | 4000 |
| lm source: | 2350 | MacAdam Step: | 2 |
| W source: | 17 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 125.8 | 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.) [%]: | 91 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 56° | LED current [mA]: | 500 |

Polar

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 81 | 76 | 73 | 71 | 76 | 73 | 72 | 69 | 76 |
| 1.0 | 85 | 81 | 78 | 76 | 80 | 77 | 77 | 74 | 81 |
| 1.5 | 89 | 86 | 84 | 82 | 85 | 83 | 82 | 79 | 87 |
| 2.0 | 92 | 90 | 88 | 87 | 89 | 87 | 86 | 84 | 92 |
| 2.5 | 94 | 92 | 91 | 90 | 91 | 90 | 89 | 86 | 95 |
| 3.0 | 95 | 94 | 93 | 92 | 93 | 92 | 90 | 88 | 97 |
| 4.0 | 96 | 95 | 95 | 94 | 94 | 93 | 92 | 90 | 99 |
| 5.0 | 97 | 96 | 96 | 95 | 95 | 94 | 93 | 91 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2350 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 | 19.1 | 19.7 | 19.4 | 20.0 | 20.2 | 19.1 | 19.7 | 19.4 | 20.0 | 20.2 |
| | 3H | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 | 19.0 | 19.5 | 19.3 | 19.8 | 20.1 |
| | 4H | 18.9 | 19.4 | 19.2 | 19.7 | 20.0 | 18.9 | 19.4 | 19.2 | 19.7 | 20.0 |
| | 6H | 18.8 | 19.3 | 19.2 | 19.6 | 19.9 | 18.8 | 19.3 | 19.2 | 19.6 | 19.9 |
| | 8H | 18.8 | 19.3 | 19.2 | 19.6 | 19.9 | 18.8 | 19.3 | 19.2 | 19.6 | 19.9 |
| | 12H | 18.8 | 19.2 | 19.1 | 19.5 | 19.9 | 18.8 | 19.2 | 19.1 | 19.5 | 19.9 |
| | | | | | | | | | | | |
| 4H | 2H | 18.9 | 19.4 | 19.2 | 19.7 | 20.0 | 18.9 | 19.4 | 19.2 | 19.7 | 20.0 |
| | 3H | 18.8 | 19.2 | 19.2 | 19.5 | 19.9 | 18.8 | 19.2 | 19.2 | 19.5 | 19.9 |
| | 4H | 18.7 | 19.1 | 19.1 | 19.4 | 19.8 | 18.7 | 19.1 | 19.1 | 19.4 | 19.8 |
| | 6H | 18.6 | 18.9 | 19.0 | 19.3 | 19.8 | 18.6 | 18.9 | 19.0 | 19.3 | 19.8 |
| | 8H | 18.6 | 18.9 | 19.0 | 19.3 | 19.7 | 18.6 | 18.9 | 19.0 | 19.3 | 19.7 |
| | 12H | 18.5 | 18.8 | 19.0 | 19.2 | 19.7 | 18.5 | 18.8 | 19.0 | 19.2 | 19.7 |
| | | | | | | | | | | | |
| 8H | 4H | 18.6 | 18.9 | 19.0 | 19.3 | 19.7 | 18.6 | 18.9 | 19.0 | 19.3 | 19.7 |
| | 6H | 18.5 | 18.7 | 18.9 | 19.2 | 19.6 | 18.5 | 18.7 | 18.9 | 19.2 | 19.6 |
| | 8H | 18.4 | 18.6 | 18.9 | 19.1 | 19.6 | 18.4 | 18.6 | 18.9 | 19.1 | 19.6 |
| | 12H | 18.4 | 18.6 | 18.9 | 19.0 | 19.6 | 18.4 | 18.6 | 18.9 | 19.0 | 19.6 |
| | | | | | | | | | | | |
| 12H | 4H | 18.5 | 18.8 | 19.0 | 19.2 | 19.7 | 18.5 | 18.8 | 19.0 | 19.2 | 19.7 |
| | 6H | 18.4 | 18.6 | 18.9 | 19.1 | 19.6 | 18.4 | 18.6 | 18.9 | 19.1 | 19.6 |
| | 8H | 18.4 | 18.6 | 18.9 | 19.0 | 19.6 | 18.4 | 18.6 | 18.9 | 19.0 | 19.6 |
| | | | | | | | | | | | |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 5.1 / -10.2 | | | | | 5.1 / -10.2 | | | | |
| | 1.5H | 7.9 / -13.3 | | | | | 7.9 / -13.3 | | | | |
| | 2.0H | 9.9 / -15.1 | | | | | 9.9 / -15.1 | | | | |