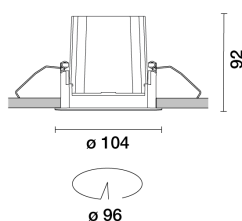


Last information update: April 2025

**Product configuration: RA35.41+MY46.24**

RA35.41: Adjustable (tilting) round recessed luminaire - LED - Medium - 17W 1884.1lm - 3500K - CRI 90 - White/Gold  
 MY46.24: "Soft Lens" filter - Clear transparent

**Product code**

RA35.41: Adjustable (tilting) round recessed luminaire - LED - Medium - 17W 1884.1lm - 3500K - CRI 90 - White/Gold

**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 3500K 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)**

0.38

\* 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**

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.

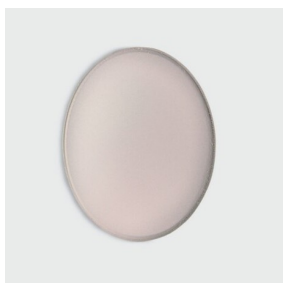
Complies with EN60598-1 and pertinent regulations



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)**

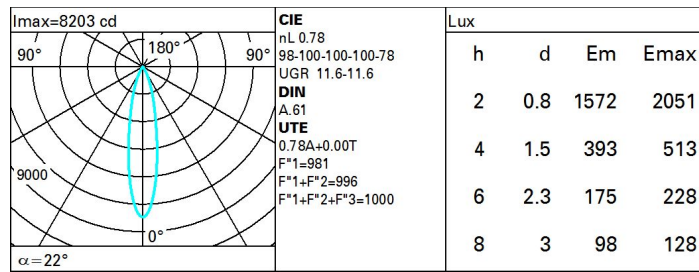
0.03

Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |       |                                       |                                 |
|--|-------|---------------------------------------|---------------------------------|
| lm system:   | 1771  | CRI (minimum):                        | 90                              |
| W system:  | 17    | Colour temperature [K]:               | 3500                            |
| lm source:   | 2270  | MacAdam Step:                         | 2                               |
| W source:  | 17    | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value):            | 104.2 | 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                             |

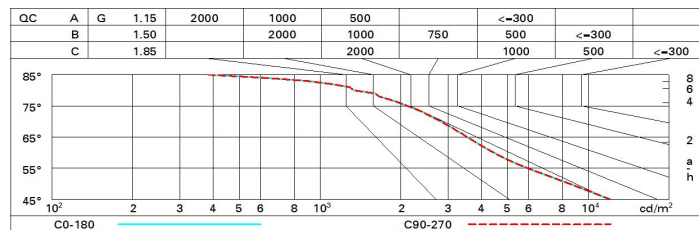
# Polar



# 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 2270 lm bare lamp luminous flux)        |     |                     |            |      |      |      |                   |      |      |      |      |  |
|--|-----|---------------------|------------|------|------|------|-------------------|------|------|------|------|--|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | 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 |  |
|  |     | viewed<br>crosswise |            |      |      |      | viewed<br>endwise |      |      |      |      |  |
| 2H   | 2H  | 12.1                | 14.1       | 12.4 | 14.4 | 14.7 | 12.1              | 14.1 | 12.4 | 14.4 | 14.7 |  |
|  | 3H  | 12.1                | 13.6       | 12.4 | 14.0 | 14.3 | 12.0              | 13.6 | 12.4 | 13.9 | 14.2 |  |
|  | 4H  | 12.1                | 13.4       | 12.4 | 13.7 | 14.1 | 12.0              | 13.3 | 12.3 | 13.6 | 14.0 |  |
|  | 6H  | 12.0                | 13.1       | 12.4 | 13.4 | 13.8 | 11.9              | 13.0 | 12.3 | 13.3 | 13.7 |  |
|  | 8H  | 12.0                | 13.1       | 12.4 | 13.4 | 13.8 | 11.9              | 12.9 | 12.3 | 13.3 | 13.7 |  |
|  | 12H | 11.9                | 13.0       | 12.3 | 13.4 | 13.7 | 11.8              | 12.9 | 12.2 | 13.2 | 13.6 |  |
| 4H   | 2H  | 12.0                | 13.3       | 12.3 | 13.6 | 14.0 | 12.1              | 13.4 | 12.4 | 13.7 | 14.1 |  |
|  | 3H  | 12.0                | 13.1       | 12.4 | 13.4 | 13.8 | 12.0              | 13.1 | 12.4 | 13.5 | 13.8 |  |
|  | 4H  | 12.0                | 13.0       | 12.4 | 13.4 | 13.8 | 12.0              | 13.0 | 12.4 | 13.4 | 13.8 |  |
|  | 6H  | 11.7                | 13.3       | 12.2 | 13.8 | 14.2 | 11.7              | 13.3 | 12.2 | 13.7 | 14.2 |  |
|  | 8H  | 11.6                | 13.4       | 12.1 | 13.8 | 14.3 | 11.6              | 13.4 | 12.1 | 13.8 | 14.3 |  |
|  | 12H | 11.5                | 13.4       | 12.0 | 13.8 | 14.4 | 11.5              | 13.3 | 12.0 | 13.8 | 14.3 |  |
| 8H   | 4H  | 11.6                | 13.4       | 12.1 | 13.8 | 14.3 | 11.6              | 13.4 | 12.1 | 13.8 | 14.3 |  |
|  | 6H  | 11.5                | 13.2       | 12.0 | 13.7 | 14.2 | 11.5              | 13.2 | 12.0 | 13.7 | 14.2 |  |
|  | 8H  | 11.5                | 13.0       | 12.0 | 13.5 | 14.1 | 11.5              | 13.0 | 12.0 | 13.5 | 14.1 |  |
|  | 12H | 11.7                | 12.6       | 12.2 | 13.1 | 13.7 | 11.7              | 12.6 | 12.2 | 13.1 | 13.7 |  |
| 12H  | 4H  | 11.5                | 13.3       | 12.0 | 13.8 | 14.3 | 11.5              | 13.4 | 12.0 | 13.8 | 14.4 |  |
|  | 6H  | 11.5                | 13.0       | 12.0 | 13.5 | 14.1 | 11.5              | 13.0 | 12.0 | 13.5 | 14.1 |  |
|  | 8H  | 11.7                | 12.6       | 12.2 | 13.1 | 13.7 | 11.7              | 12.6 | 12.2 | 13.1 | 13.7 |  |
| 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        |      |      |      |      |  |