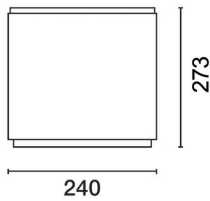


Last information update: June 2023

Product configuration: MR74

MR74: Ceiling-mounted luminaire - warm LED - Controlled luminance UGR < 19 - Electronic control gear

**Product code**MR74: Ceiling-mounted luminaire - warm LED - Controlled luminance UGR < 19 - Electronic control gear **Attention! Code no longer in production****Technical description**

LED lamp, ceiling-mounted luminaire; integrated electronic control gear. Die-cast aluminium plate for surface mounting with diffuser element; technical, shaped aluminium sheet brackets for components and optics; comfort reflector vacuum-metallised with aluminium vapours and finished with a protective anti-scratch layer - controlled luminance optic; safety glass cover over LED lamp; lathe-shaped aluminium cylindrical body; lower ring in high resistance polycarbonate.

Installation

Plate fixed to ceiling using screws and screw anchors (not included); bayonet assembly systems ensuring simple installation and maintenance; snap-on spring fastening for reflector. Wall or pendant application option available thanks to special accessory kits with a separate code.

Colour

White (01) | Grey (15)

Weight (Kg)

3.1

Mounting

wall surface|ceiling surface|ceiling pendant

Wiring

Control gear integrated in luminaire; mains and optic unit connections made with quick coupling terminal blocks.

Notes

Kit for wall-mounting: code no. 9443 - kit for steel cable pendant system L 1500: code no. 9440

Complies with EN60598-1 and pertinent regulations



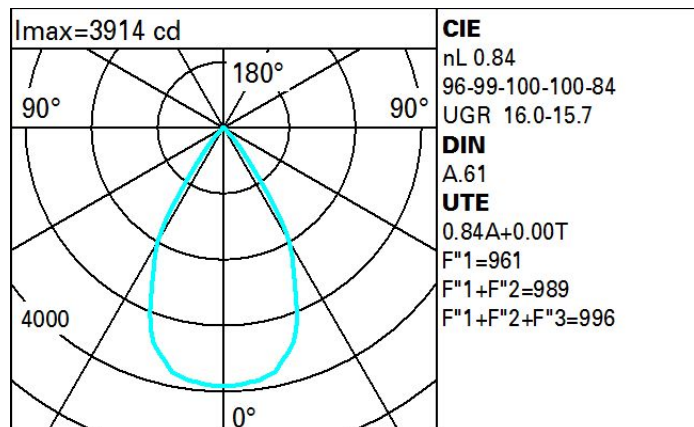
IP23



EAC

**Technical data**

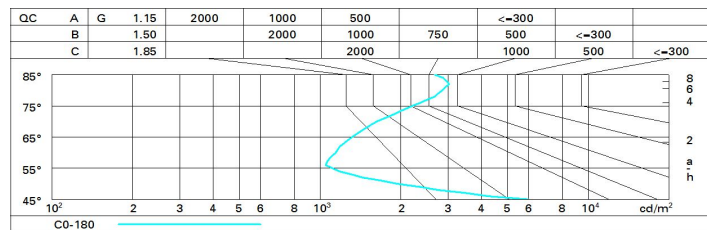
| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 3358 | Colour temperature [K]: | 3000 |
| W system: | 29 | MacAdam Step: | 2 |
| Im source: | 4000 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| W source: | 25 | Ballast losses [W]: | 4 |
| Luminous efficiency (Im/W, real value): | 115.8 | 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.) [%]: | 84 | Number of optical assemblies: | 1 |
| CRI: | 80 | | |

Polar

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 74 | 70 | 67 | 65 | 69 | 67 | 66 | 63 | 76 |
| 1.0 | 78 | 74 | 71 | 69 | 73 | 71 | 70 | 67 | 80 |
| 1.5 | 82 | 79 | 77 | 75 | 78 | 76 | 75 | 73 | 87 |
| 2.0 | 85 | 83 | 81 | 79 | 82 | 80 | 79 | 77 | 91 |
| 2.5 | 86 | 85 | 84 | 82 | 84 | 82 | 82 | 79 | 94 |
| 3.0 | 88 | 86 | 85 | 84 | 85 | 84 | 83 | 81 | 96 |
| 4.0 | 89 | 88 | 87 | 86 | 86 | 86 | 85 | 82 | 98 |
| 5.0 | 89 | 89 | 88 | 88 | 87 | 87 | 85 | 83 | 99 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 4000 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 |
| | | 0.50 | 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 crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 15.9 | 10.6 | 10.2 | 10.8 | 17.1 | 15.9 | 10.6 | 10.2 | 10.8 | 17.1 |
| | 3H | 15.8 | 10.4 | 10.2 | 10.7 | 17.0 | 15.8 | 10.4 | 10.1 | 10.7 | 16.9 |
| | 4H | 15.8 | 10.4 | 10.2 | 10.7 | 17.0 | 15.7 | 10.3 | 10.1 | 10.6 | 16.9 |
| | 6H | 15.9 | 10.4 | 10.3 | 10.7 | 17.1 | 15.7 | 10.2 | 10.0 | 10.5 | 16.8 |
| | 8H | 15.9 | 10.4 | 10.3 | 10.8 | 17.1 | 15.6 | 10.1 | 10.0 | 10.4 | 16.8 |
| | 12H | 16.0 | 10.4 | 10.3 | 10.8 | 17.1 | 15.6 | 10.1 | 10.0 | 10.4 | 16.7 |
| 4H | 2H | 15.7 | 10.3 | 10.1 | 10.6 | 16.9 | 15.8 | 10.4 | 10.2 | 10.7 | 17.0 |
| | 3H | 15.7 | 10.1 | 10.1 | 10.5 | 16.8 | 15.8 | 10.2 | 10.1 | 10.6 | 16.9 |
| | 4H | 15.7 | 10.1 | 10.1 | 10.5 | 16.9 | 15.7 | 10.1 | 10.1 | 10.5 | 16.9 |
| | 6H | 15.9 | 10.2 | 10.3 | 10.6 | 17.0 | 15.7 | 10.1 | 10.1 | 10.5 | 16.9 |
| | 8H | 16.0 | 10.3 | 10.4 | 10.7 | 17.1 | 15.7 | 10.0 | 10.1 | 10.4 | 16.9 |
| | 12H | 16.0 | 10.3 | 10.5 | 10.7 | 17.2 | 15.7 | 10.0 | 10.1 | 10.4 | 16.8 |
| 8H | 4H | 15.7 | 10.0 | 10.1 | 10.4 | 16.9 | 16.0 | 10.3 | 10.4 | 10.7 | 17.1 |
| | 6H | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 | 16.0 | 10.3 | 10.5 | 10.7 | 17.2 |
| | 8H | 16.1 | 10.3 | 10.5 | 10.8 | 17.3 | 16.1 | 10.3 | 10.5 | 10.8 | 17.3 |
| | 12H | 16.2 | 10.4 | 10.7 | 10.9 | 17.4 | 16.1 | 10.3 | 10.6 | 10.8 | 17.3 |
| 12H | 4H | 15.7 | 10.0 | 10.1 | 10.4 | 16.8 | 16.0 | 10.3 | 10.5 | 10.7 | 17.2 |
| | 6H | 15.9 | 10.2 | 10.4 | 10.6 | 17.1 | 16.1 | 10.3 | 10.6 | 10.8 | 17.3 |
| | 8H | 16.1 | 10.3 | 10.6 | 10.8 | 17.3 | 16.2 | 10.4 | 10.7 | 10.9 | 17.4 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 4.7 / -4.3 | | | | | 4.7 / -4.3 | | | | |
| | 1.5H | 7.4 / -4.5 | | | | | 7.4 / -4.5 | | | | |
| | 2.0H | 9.4 / -4.4 | | | | | 9.4 / -4.4 | | | | |