# iRoll

**Design iGuzzini** **iGuzzini**

Last information update: October 2024

**Product configuration: MQ06**
MQ06: Ceiling-mounted luminaire - neutral LED - General light - Electronic control gear

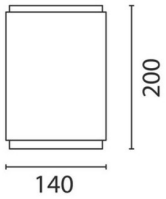
**Product code**
MQ06: Ceiling-mounted luminaire - neutral LED - General light - Electronic control gear **Attention! Code no longer in production**

**Technical description**
LED lamp, ceiling-mounted luminaire; integrated electronic control gear. Plate made of die-cast aluminium for surface mounting; lathe-shaped aluminium cylindrical body with diffuser element and integrated lamp and optic units; reflector vacuum-metallised with aluminium vapours and finished with a protective, anti-scratch layer; safety glass cover over LED lamp. General lighting optic.

**Installation**
Plate fixed to ceiling using screws and screw anchors (not included); cylindrical body fitted with a mechanical safety fastening; bayonet assembly systems ensuring simple installation and maintenance. Wall or pendant application option available thanks to special accessory kits with a separate code.

**Colour**
White (01) | Grey (15)

**Weight (Kg)**
1.18




**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. 9439 - kit for steel cable pendant system L 1500: code no. 9438

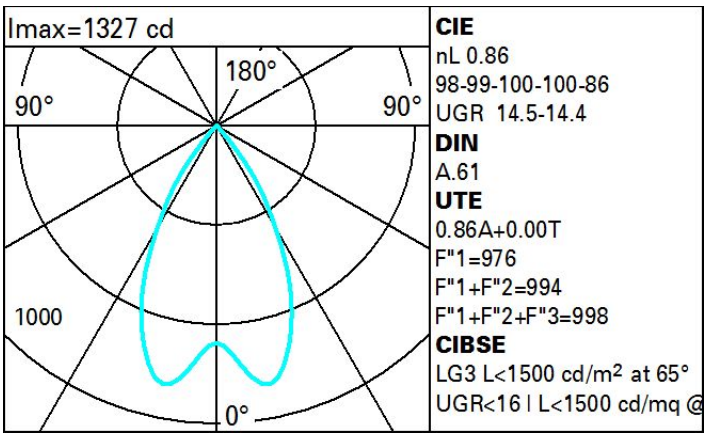
Complies with EN60598-1 and pertinent regulations

IP23

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 1118 | CRI (minimum): | 80 |
| W system: | 10 | Colour temperature [K]: | 4000 |
| lm source: | 1300 | MacAdam Step: | 2 |
| W source: | 7.6 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 111.8 | 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.) [%]: | 86 | Number of optical assemblies: | 1 |

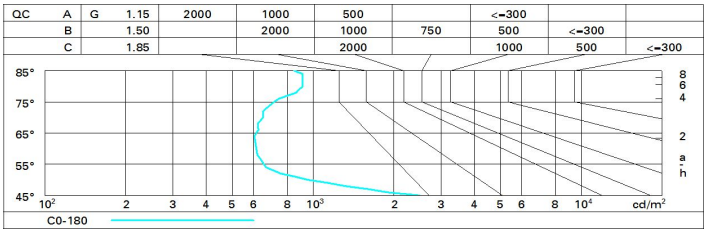
**Polar**



**Utilisation factors**

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|---|---|---|---|---|---|---|---|---|---|
| K0.8 | 77 | 73 | 70 | 67 | 72 | 69 | 69 | 66 | 77 |
| 1.0 | 80 | 77 | 74 | 72 | 76 | 73 | 73 | 70 | 81 |
| 1.5 | 85 | 82 | 79 | 78 | 81 | 79 | 78 | 75 | 87 |
| 2.0 | 87 | 85 | 83 | 82 | 84 | 82 | 82 | 79 | 92 |
| 2.5 | 89 | 87 | 86 | 85 | 86 | 85 | 84 | 82 | 95 |
| 3.0 | 90 | 89 | 88 | 87 | 87 | 87 | 86 | 83 | 97 |
| 4.0 | 91 | 90 | 90 | 89 | 89 | 88 | 87 | 85 | 99 |
| 5.0 | 92 | 91 | 91 | 90 | 90 | 89 | 88 | 86 | 100 |

**Luminance curve limit**




**UGR diagram**

Corrected UGR values (at 1300 lm bare lamp luminous flux)

| Riflect.: ceil/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | | | viewed crosswise | | | | | viewed endwise | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 14.9 | 15.6 | 15.2 | 15.8 | 16.1 | 14.9 | 15.6 | 15.2 | 15.8 | 16.1 |
| | 3H | 14.8 | 15.4 | 15.1 | 15.7 | 16.0 | 14.8 | 15.4 | 15.1 | 15.7 | 15.9 |
| | 4H | 14.8 | 15.3 | 15.1 | 15.6 | 15.9 | 14.7 | 15.3 | 15.1 | 15.6 | 15.9 |
| | 6H | 14.7 | 15.2 | 15.1 | 15.5 | 15.9 | 14.7 | 15.2 | 15.0 | 15.5 | 15.8 |
| | 8H | 14.7 | 15.2 | 15.1 | 15.5 | 15.8 | 14.6 | 15.1 | 15.0 | 15.4 | 15.8 |
| | 12H | 14.7 | 15.1 | 15.0 | 15.5 | 15.8 | 14.6 | 15.0 | 15.0 | 15.4 | 15.7 |
| 4H | 2H | 14.7 | 15.3 | 15.1 | 15.6 | 15.9 | 14.8 | 15.3 | 15.1 | 15.6 | 15.9 |
| | 3H | 14.6 | 15.1 | 15.0 | 15.4 | 15.8 | 14.6 | 15.1 | 15.0 | 15.4 | 15.8 |
| | 4H | 14.5 | 15.0 | 14.9 | 15.3 | 15.7 | 14.5 | 15.0 | 14.9 | 15.3 | 15.7 |
| | 6H | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 | 14.5 | 14.8 | 14.9 | 15.2 | 15.6 |
| | 8H | 14.5 | 14.8 | 14.9 | 15.2 | 15.7 | 14.4 | 14.8 | 14.9 | 15.2 | 15.6 |
| | 12H | 14.5 | 14.8 | 14.9 | 15.2 | 15.6 | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 |
| 8H | 4H | 14.4 | 14.8 | 14.9 | 15.2 | 15.6 | 14.5 | 14.8 | 14.9 | 15.2 | 15.7 |
| | 6H | 14.4 | 14.7 | 14.9 | 15.1 | 15.6 | 14.4 | 14.7 | 14.9 | 15.1 | 15.6 |
| | 8H | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 |
| | 12H | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 14.4 | 14.6 | 14.9 | 15.0 | 15.6 |
| 12H | 4H | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 | 14.5 | 14.8 | 14.9 | 15.2 | 15.6 |
| | 6H | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 |
| | 8H | 14.4 | 14.6 | 14.9 | 15.0 | 15.6 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 |

Variations with the observer position at spacing:

| S = | | |
|---|---|---|
| 1.0H | 5.1 / -8.8 | 5.1 / -8.8 |
| 1.5H | 7.9 / -9.0 | 7.9 / -9.0 |
| 2.0H | 9.9 / -9.1 | 9.9 / -9.1 |