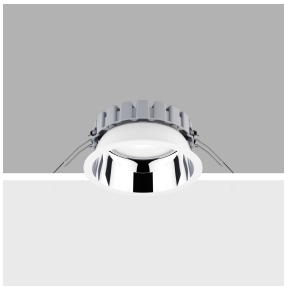
# Easy

**Design iGuzzini** **iGuzzini**

Last information update: August 2025

**Product configuration: QF89.39**
QF89.39: Ø 163 mm - neutral white - DALI - UGR<19 - 24.5W 2795lm - 4000K - CRI 90 - White / Aluminium

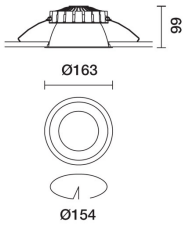


**Product code**
QF89.39: Ø 163 mm - neutral white - DALI - UGR<19 - 24.5W 2795lm - 4000K - CRI 90 - White / Aluminium

**Technical description**
Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in neutral white colour tone (4000K). Light beam with UGR<19 L<3000 cd/m2 ideal for environments with video terminals.

**Installation**
Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 20 mm.

| **Colour** | **Weight (Kg)** |
|---|---|
| White / Aluminium (39) | 0.68 |




**Mounting**
ceiling surface

**Wiring**
product complete with DALI components

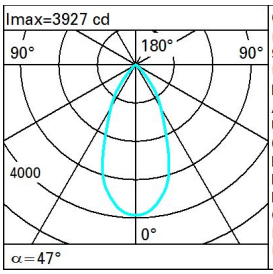
Complies with EN60598-1 and pertinent regulations

IP20 IP54 On the visible part of the product once installed

## Technical data

| | | | |
|---|---|---|---|
| lm system: | 2795 | Colour temperature [K]: | 4000 |
| W system: | 24.5 | MacAdam Step: | 2 |
| lm source: | 3250 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 21 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 114.1 | Number of lamps for optical assembly: | 1 |
| lm in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 86 | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

**Polar**




**CIE**
nL 0.86
95-100-100-100-86
UGR 17.4-17.4
**DIN**
A.61
**UTE**
0.86A+0.00T
F"1=951
F"1+F"2=1000
F"1+F"2+F"3=1000
**CIBSE**
LG3 L<1500 cd/m² at 65°
UGR<19 I L<1500 cd/mq @65°

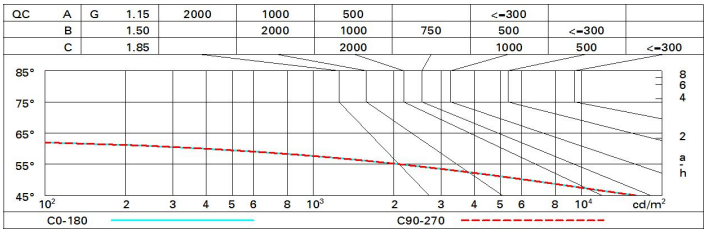
Lux

| h | d | Em | Emax |
|---|---|---|---|
| 2 | 1.7 | 766 | 982 |
| 4 | 3.5 | 192 | 245 |
| 6 | 5.2 | 85 | 109 |
| 8 | 6.9 | 48 | 61 |

**Utilisation factors**

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|---|---|---|---|---|---|---|---|---|---|
| K0.8 | 76 | 71 | 68 | 66 | 71 | 68 | 67 | 64 | 75 |
| 1.0 | 79 | 76 | 73 | 70 | 75 | 72 | 72 | 69 | 80 |
| 1.5 | 84 | 81 | 79 | 77 | 80 | 78 | 77 | 74 | 87 |
| 2.0 | 87 | 85 | 83 | 81 | 84 | 82 | 81 | 79 | 91 |
| 2.5 | 89 | 87 | 86 | 84 | 86 | 84 | 84 | 81 | 94 |
| 3.0 | 90 | 89 | 88 | 87 | 87 | 86 | 85 | 83 | 96 |
| 4.0 | 91 | 90 | 89 | 89 | 88 | 88 | 87 | 84 | 98 |
| 5.0 | 91 | 91 | 90 | 90 | 89 | 89 | 87 | 85 | 99 |

**Luminance curve limit**




**UGR diagram**

Corrected UGR values (at 3250 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 | 18.0 | 18.6 | 18.3 | 18.9 | 19.1 | 18.0 | 18.6 | 18.3 | 18.9 | 19.1 |
| | 3H | 17.8 | 18.4 | 18.1 | 18.7 | 19.0 | 17.8 | 18.4 | 18.2 | 18.7 | 19.0 |
| | 4H | 17.8 | 18.3 | 18.1 | 18.6 | 18.9 | 17.8 | 18.3 | 18.1 | 18.6 | 18.9 |
| | 6H | 17.7 | 18.2 | 18.0 | 18.5 | 18.8 | 17.7 | 18.2 | 18.0 | 18.5 | 18.8 |
| | 8H | 17.6 | 18.1 | 18.0 | 18.4 | 18.8 | 17.6 | 18.1 | 18.0 | 18.5 | 18.8 |
| | 12H | 17.6 | 18.1 | 18.0 | 18.4 | 18.8 | 17.6 | 18.1 | 18.0 | 18.4 | 18.8 |
| 4H | 2H | 17.8 | 18.3 | 18.1 | 18.6 | 18.9 | 17.8 | 18.3 | 18.1 | 18.6 | 18.9 |
| | 3H | 17.6 | 18.1 | 18.0 | 18.4 | 18.8 | 17.6 | 18.1 | 18.0 | 18.4 | 18.8 |
| | 4H | 17.5 | 17.9 | 17.9 | 18.3 | 18.7 | 17.5 | 17.9 | 17.9 | 18.3 | 18.7 |
| | 6H | 17.4 | 17.8 | 17.9 | 18.2 | 18.6 | 17.4 | 17.8 | 17.9 | 18.2 | 18.6 |
| | 8H | 17.4 | 17.7 | 17.8 | 18.1 | 18.6 | 17.4 | 17.7 | 17.8 | 18.1 | 18.6 |
| | 12H | 17.3 | 17.6 | 17.8 | 18.1 | 18.5 | 17.3 | 17.6 | 17.8 | 18.1 | 18.5 |
| 8H | 4H | 17.4 | 17.7 | 17.8 | 18.1 | 18.6 | 17.4 | 17.7 | 17.8 | 18.1 | 18.6 |
| | 6H | 17.3 | 17.6 | 17.8 | 18.0 | 18.5 | 17.3 | 17.6 | 17.8 | 18.0 | 18.5 |
| | 8H | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 |
| | 12H | 17.2 | 17.4 | 17.7 | 17.9 | 18.4 | 17.2 | 17.4 | 17.7 | 17.9 | 18.4 |
| 12H | 4H | 17.3 | 17.6 | 17.8 | 18.1 | 18.5 | 17.3 | 17.6 | 17.8 | 18.1 | 18.5 |
| | 6H | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 |
| | 8H | 17.2 | 17.4 | 17.7 | 17.9 | 18.4 | 17.2 | 17.4 | 17.7 | 17.9 | 18.4 |

Variations with the observer position at spacing:

| S = | | | |
|---|---|---|---|
| | 1.0H | 4.2 / -15.1 | 4.2 / -15.1 |
| | 1.5H | 7.0 / -37.3 | 7.0 / -37.3 |
| | 2.0H | 9.0 / -38.6 | 9.0 / -38.6 |