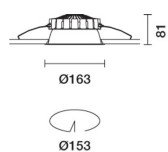


Last information update: April 2025

Product configuration: QW17.F6

QW17.F6: Ø 163 mm - warm white - DALI - UGR<19 - 16.8W 1743lm - 3000K - CRI 90 - White/Transparent/Chrome

**Product code**

QW17.F6: Ø 163 mm - warm white - DALI - UGR<19 - 16.8W 1743lm - 3000K - CRI 90 - White/Transparent/Chrome

Technical description

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer and anti-glare screen located at the centre of the optic. The anti-glare screen is made of thermoplastic vacuum-metallised with aluminium vapours finished with a protective anti-scratch layer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in warm white colour tone (3000K). Light emission 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 25 mm.

Colour

White/Transparent/Chrome (F6)

Weight (Kg)

0.76

Mounting

ceiling surface

Wiring

product complete with DALI components

Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 1743 | Colour temperature [K]: | 3000 |
| W system: | 16.8 | MacAdam Step: | 2 |
| Im source: | 2100 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 15 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 103.8 | Number of lamps for optical assembly: | 1 |
| Im 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.) [%]: | 83 | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

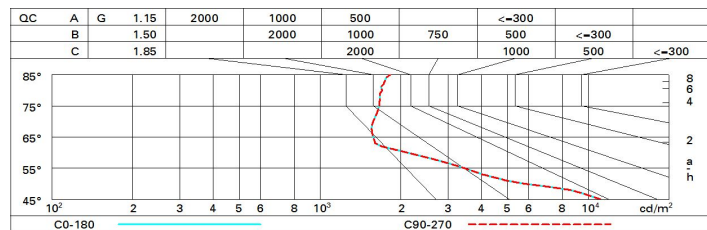
Polar

| Imax=1970 cd | | CIE | | Lux | | | |
|--------------|------|---|--|-----|-----|-----|------|
| 90° | 180° | nL 0.83 | | h | d | Em | Emax |
| | | 90-98-100-100-83 | | 2 | 2.1 | 379 | 493 |
| | | UGR 15.6-15.5 | | 4 | 4.2 | 95 | 123 |
| | | DIN A.61 | | 6 | 6.3 | 42 | 55 |
| | | UTE 0.83A+0.00T | | 8 | 8.4 | 24 | 31 |
| | | F*1=903 | | | | | |
| | | F*1+F*2=984 | | | | | |
| | | F*1+F*2+F*3=996 | | | | | |
| | | CIBSE LG3 L<3000 cd/m ² at 65° | | | | | |
| | | UGR<16 L<3000 cd/mq @ 65° | | | | | |
| α=55° | | | | | | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 71 | 66 | 63 | 61 | 66 | 63 | 62 | 59 | 71 |
| 1.0 | 75 | 71 | 68 | 65 | 70 | 67 | 67 | 64 | 77 |
| 1.5 | 80 | 77 | 74 | 72 | 76 | 73 | 73 | 70 | 84 |
| 2.0 | 83 | 81 | 79 | 77 | 79 | 78 | 77 | 74 | 89 |
| 2.5 | 85 | 83 | 81 | 80 | 82 | 80 | 79 | 77 | 92 |
| 3.0 | 86 | 85 | 83 | 82 | 83 | 82 | 81 | 79 | 95 |
| 4.0 | 87 | 86 | 85 | 84 | 85 | 84 | 83 | 80 | 97 |
| 5.0 | 88 | 87 | 86 | 86 | 85 | 85 | 83 | 81 | 98 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2100 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 | 15.6 | 16.3 | 15.9 | 16.6 | 16.8 | 15.6 | 16.3 | 15.9 | 16.6 | 16.8 |
| | 3H | 15.6 | 16.2 | 15.9 | 16.5 | 16.8 | 15.5 | 16.2 | 15.9 | 16.4 | 16.7 |
| | 4H | 15.6 | 16.2 | 15.9 | 16.5 | 16.8 | 15.5 | 16.1 | 15.8 | 16.4 | 16.7 |
| | 6H | 15.6 | 16.1 | 16.0 | 16.5 | 16.8 | 15.4 | 16.0 | 15.8 | 16.3 | 16.6 |
| | 8H | 15.6 | 16.1 | 16.0 | 16.5 | 16.8 | 15.4 | 15.9 | 15.7 | 16.2 | 16.6 |
| | 12H | 15.6 | 16.1 | 16.0 | 16.4 | 16.8 | 15.3 | 15.8 | 15.7 | 16.2 | 16.5 |
| | | | | | | | | | | | |
| 4H | 2H | 15.5 | 16.1 | 15.8 | 16.4 | 16.7 | 15.6 | 16.2 | 15.9 | 16.5 | 16.8 |
| | 3H | 15.5 | 16.0 | 15.9 | 16.3 | 16.7 | 15.6 | 16.1 | 15.9 | 16.4 | 16.8 |
| | 4H | 15.5 | 16.0 | 15.9 | 16.3 | 16.7 | 15.5 | 16.0 | 15.9 | 16.3 | 16.7 |
| | 6H | 15.6 | 16.0 | 16.0 | 16.4 | 16.8 | 15.5 | 15.9 | 15.9 | 16.3 | 16.7 |
| | 8H | 15.6 | 16.0 | 16.1 | 16.4 | 16.8 | 15.5 | 15.8 | 15.9 | 16.2 | 16.7 |
| | 12H | 15.6 | 15.9 | 16.1 | 16.4 | 16.8 | 15.4 | 15.8 | 15.9 | 16.2 | 16.6 |
| | | | | | | | | | | | |
| 8H | 4H | 15.5 | 15.8 | 15.9 | 16.2 | 16.7 | 15.6 | 16.0 | 16.1 | 16.4 | 16.8 |
| | 6H | 15.6 | 15.9 | 16.1 | 16.3 | 16.8 | 15.6 | 15.9 | 16.1 | 16.4 | 16.8 |
| | 8H | 15.6 | 15.9 | 16.1 | 16.4 | 16.9 | 15.6 | 15.9 | 16.1 | 16.4 | 16.9 |
| | 12H | 15.7 | 15.9 | 16.2 | 16.4 | 16.9 | 15.6 | 15.9 | 16.1 | 16.3 | 16.9 |
| | | | | | | | | | | | |
| 12H | 4H | 15.4 | 15.8 | 15.9 | 16.2 | 16.6 | 15.6 | 15.9 | 16.1 | 16.4 | 16.8 |
| | 6H | 15.6 | 15.8 | 16.0 | 16.3 | 16.8 | 15.7 | 15.9 | 16.2 | 16.4 | 16.9 |
| | 8H | 15.6 | 15.9 | 16.1 | 16.3 | 16.9 | 15.7 | 15.9 | 16.2 | 16.4 | 16.9 |
| | | | | | | | | | | | |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 3.1 / -3.7 | | | | | 3.1 / -3.7 | | | | |
| | 1.5H | 5.5 / -4.8 | | | | | 5.5 / -4.8 | | | | |
| | 2.0H | 7.4 / -5.0 | | | | | 7.4 / -5.0 | | | | |