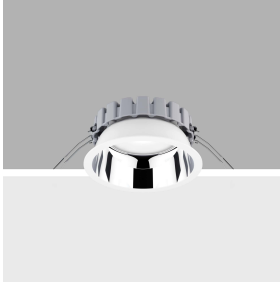


Last information update: April 2025

Product configuration: QF58.39

QF58.39: Ø 163 mm - warm white - DALI - White/Aluminium

**Product code**

QF58.39: Ø 163 mm - warm white - DALI - 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 warm white colour tone (3000K). General lighting beam.

Installation

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

Colour

White / Aluminium (39)

Weight (Kg)

0.68

Mounting

ceiling surface

Wiring

product complete with DALI components

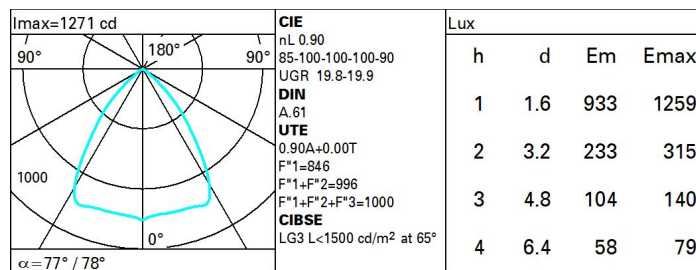
Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

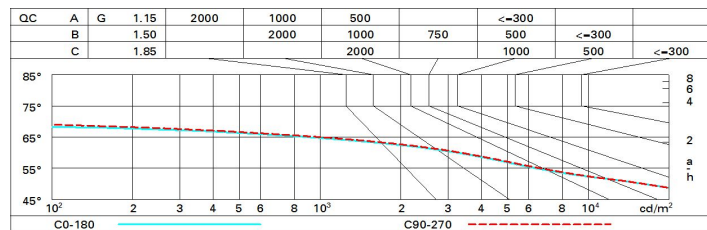
lm system:	1890	Colour temperature [K]:	3000
W system:	17	MacAdam Step:	2
lm source:	2100	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	15	Lamp code:	LED
Luminous efficiency (lm/W, real value):	111.2	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	90	Control:	DALI-2
CRI (minimum):	90		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	69	65	62	68	64	64	60	67
1.0	80	74	71	68	73	70	70	66	73
1.5	86	82	79	76	81	78	77	74	82
2.0	89	86	84	82	85	83	82	79	88
2.5	91	89	87	86	88	86	85	82	91
3.0	93	91	89	88	89	88	87	84	93
4.0	94	92	91	90	91	90	89	86	95
5.0	95	94	92	92	92	91	90	87	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 2100 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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											
x	y										
2H	2H	20.4	21.1	20.6	21.4	21.6	20.4	21.2	20.7	21.5	21.7
	3H	20.2	20.9	20.5	21.2	21.5	20.3	21.0	20.7	21.3	21.6
	4H	20.1	20.8	20.5	21.1	21.4	20.3	20.9	20.6	21.2	21.5
	6H	20.1	20.6	20.4	21.0	21.3	20.2	20.8	20.5	21.1	21.4
	8H	20.0	20.6	20.4	20.9	21.3	20.1	20.7	20.5	21.0	21.4
	12H	20.0	20.5	20.4	20.9	21.2	20.1	20.6	20.5	21.0	21.3
4H	2H	20.2	20.8	20.5	21.1	21.4	20.2	20.9	20.6	21.2	21.5
	3H	20.0	20.5	20.4	20.9	21.2	20.1	20.6	20.5	21.0	21.3
	4H	19.9	20.4	20.3	20.8	21.1	20.0	20.5	20.4	20.8	21.2
	6H	19.8	20.2	20.3	20.6	21.1	19.9	20.3	20.4	20.7	21.2
	8H	19.8	20.2	20.2	20.6	21.0	19.9	20.3	20.3	20.7	21.1
	12H	19.7	20.1	20.2	20.5	21.0	19.8	20.2	20.3	20.6	21.1
8H	4H	19.8	20.2	20.2	20.6	21.0	19.9	20.3	20.3	20.7	21.1
	6H	19.7	20.0	20.2	20.5	20.9	19.8	20.1	20.3	20.5	21.0
	8H	19.6	19.9	20.1	20.4	20.9	19.7	20.0	20.2	20.5	21.0
	12H	19.6	19.8	20.1	20.3	20.8	19.7	19.9	20.2	20.4	20.9
12H	4H	19.7	20.1	20.2	20.5	21.0	19.8	20.2	20.3	20.6	21.1
	6H	19.6	19.9	20.1	20.4	20.9	19.7	20.0	20.2	20.5	21.0
	8H	19.6	19.8	20.1	20.3	20.8	19.7	19.9	20.2	20.4	20.9
Variations with the observer position at spacing:											
S =		1.0H					2.5 / -8.2				
		1.5H					5.0 / -14.9				
		2.0H					7.0 / -28.7				