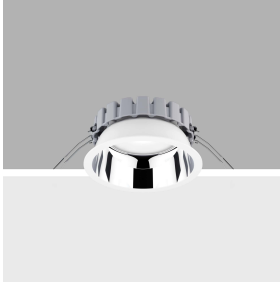


Last information update: April 2025

Product configuration: QF61.39

QF61.39: Ø 163 mm - neutral white - DALI - White/Aluminium

**Product code**

QF61.39: Ø 163 mm - neutral 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 neutral white colour tone (4000K). 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

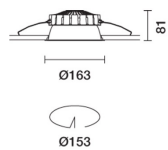
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed

**Technical data**

Im system:	3060	Colour temperature [K]:	4000
W system:	24.5	MacAdam Step:	2
Im source:	3400	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	21	Lamp code:	LED
Luminous efficiency (Im/W, real value):	124.9	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.) [%]:	90	Control:	DALI-2
CRI (minimum):	80		

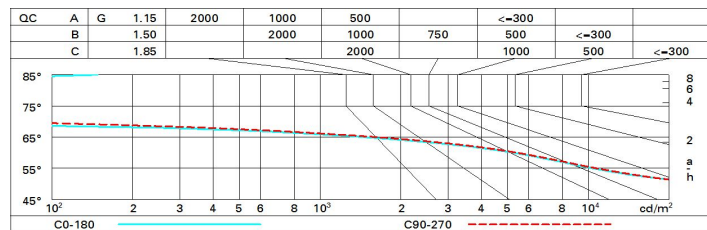
Polar

<p>$\alpha = 77^\circ / 78^\circ$</p>	CIE nL 0.90 85-100-100-100-90 UGR 21.5-21.6 DIN A.61 UTE 0.90A+0.00T F*1=846 F*1+F*2=996 F*1+F*2+F*3=1000 CIBSE LG3 L<3000 cd/m ² at 65°				Lux			
					h	d	Em	Emax
					2	3.2	378	509
					4	6.4	94	127
					6	9.5	42	57
				8	12.7	24	32	

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 3400 lm bare lamp luminous flux)										
Reflect.:		viewed crosswise					viewed endwise			
ceiling	ceiling	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50
walls	walls	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
work pl.	work pl.	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim	Room dim	viewed crosswise					viewed endwise			
x	y									
2H	2H	22.0	22.8	22.3	23.0	23.3	22.1	22.9	22.4	23.1
	3H	21.9	22.6	22.2	22.8	23.1	22.0	22.7	22.3	23.0
	4H	21.8	22.4	22.1	22.7	23.0	21.9	22.6	22.3	22.9
	6H	21.7	22.3	22.1	22.6	23.0	21.8	22.4	22.2	22.7
	8H	21.7	22.3	22.1	22.6	22.9	21.8	22.4	22.2	22.7
	12H	21.7	22.2	22.0	22.5	22.9	21.8	22.3	22.2	22.6
4H	2H	21.8	22.5	22.2	22.8	23.1	21.9	22.5	22.2	22.8
	3H	21.7	22.2	22.1	22.6	22.9	21.8	22.3	22.2	22.6
	4H	21.6	22.1	22.0	22.4	22.8	21.7	22.2	22.1	22.5
	6H	21.5	21.9	21.9	22.3	22.7	21.6	22.0	22.0	22.4
	8H	21.5	21.8	21.9	22.2	22.7	21.6	21.9	22.0	22.3
	12H	21.4	21.8	21.9	22.2	22.6	21.5	21.8	22.0	22.3
8H	4H	21.5	21.8	21.9	22.2	22.7	21.6	21.9	22.0	22.3
	6H	21.4	21.7	21.8	22.1	22.6	21.5	21.8	21.9	22.2
	8H	21.3	21.6	21.8	22.0	22.5	21.4	21.7	21.9	22.1
	12H	21.3	21.5	21.8	22.0	22.5	21.4	21.6	21.9	22.1
12H	4H	21.4	21.8	21.9	22.2	22.6	21.5	21.8	22.0	22.3
	6H	21.3	21.6	21.8	22.0	22.5	21.4	21.7	21.9	22.1
	8H	21.3	21.5	21.8	22.0	22.5	21.4	21.6	21.9	22.1
Variations with the observer position at spacing:										
S =	1.0H	2.6 / -8.8					2.5 / -8.2			
	1.5H	5.1 / -16.0					5.0 / -14.9			
	2.0H	7.1 / -33.7					7.0 / -28.7			