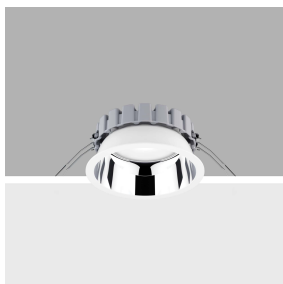


Last information update: February 2025

Product configuration: QF54.39

QF54.39: Ø 163 mm - neutral white - electronic - White/Aluminium

**Product code**

QF54.39: Ø 163 mm - neutral white - electronic - 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 electronic components

Notes

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2205	Colour temperature [K]:	4000
W system:	16.8	MacAdam Step:	2
Im source:	2450	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	15	Lamp code:	LED
Luminous efficiency (Im/W, real value):	131.3	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:	On/off
CRI (minimum):	80		

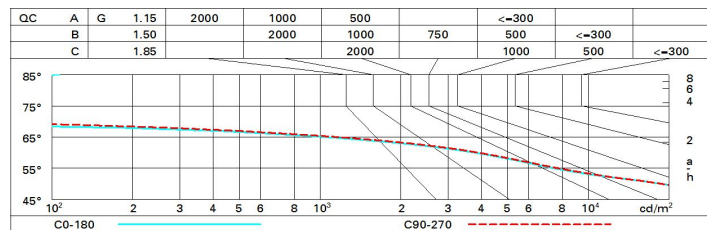
Polar

	CIE nL 0.90 85-100-100-100-90 UGR 20.3-20.4 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<1500 cd/m² at 65°			
	Lux			
	h	d	Em	E _{max}
	1	1.6	1089	1468
	2	3.2	272	367
	3	4.8	121	163
	4	6.4	68	92

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 2450 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
	3H	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
	4H	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	6H	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	8H	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	12H	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
4H	2H	20.9	21.7	21.2	21.9	22.1	21.0	21.7	21.3	22.0	22.2
	3H	20.7	21.4	21.1	21.7	22.0	20.9	21.5	21.2	21.8	22.1
	4H	20.7	21.3	21.0	21.6	21.9	20.8	21.4	21.1	21.7	22.0
	6H	20.6	21.2	20.9	21.5	21.8	20.7	21.3	21.1	21.6	21.9
	8H	20.6	21.1	20.9	21.4	21.8	20.7	21.2	21.0	21.6	21.9
	12H	20.5	21.0	20.9	21.4	21.7	20.6	21.2	21.0	21.5	21.9
8H	2H	20.7	21.3	21.0	21.6	21.9	20.8	21.4	21.1	21.7	22.0
	3H	20.5	21.1	20.9	21.4	21.8	20.6	21.2	21.0	21.5	21.9
	4H	20.5	20.9	20.9	21.3	21.7	20.5	21.0	21.0	21.4	21.8
	6H	20.4	20.8	20.8	21.2	21.6	20.5	20.9	20.9	21.3	21.7
	8H	20.3	20.7	20.8	21.1	21.6	20.4	20.8	20.9	21.2	21.6
	12H	20.3	20.6	20.7	21.0	21.5	20.4	20.7	20.8	21.1	21.6
12H	4H	20.3	20.7	20.8	21.1	21.6	20.4	20.8	20.9	21.2	21.6
	6H	20.2	20.5	20.7	21.0	21.5	20.3	20.6	20.8	21.1	21.6
	8H	20.2	20.4	20.7	20.9	21.4	20.3	20.5	20.8	21.0	21.5
	12H	20.1	20.4	20.6	20.8	21.4	20.2	20.5	20.7	20.9	21.5
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				