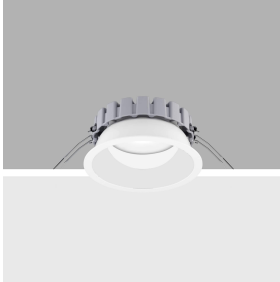


Last information update: April 2025

Product configuration: QF54.01

QF54.01: Ø 163 mm - neutral white - electronic - White

**Product code**

QF54.01: Ø 163 mm - neutral white - electronic - White

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 (01)

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



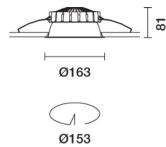
IP20

IP54

On the visible part of the product once installed



pending

**Technical data**

Im system:	2083	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 (lm/W, real value):	124	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.) [%]:	85	Control:	On/off
CRI (minimum):	80		

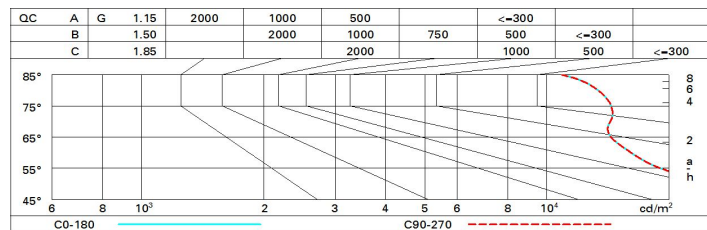
Polar

<p>Imax=1170 cd 90° 180° 90° 1000 0° α = 86°</p>	CIE nL 0.85 69-92-98-100-85 UGR 24.6-24.1 DIN A.51 UTE 0.85C+0.00T F*1=693 F*1+F*2=915 F*1+F*2+F*3=981				Lux			
	h	d	Em	Emax				
	1	1.9	779	1170				
	2	3.7	195	293				
	3	5.6	87	130				
	4	7.5	49	73				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	58	53	49	57	52	52	47	56
1.0	70	63	59	55	62	58	57	53	62
1.5	77	72	68	65	70	67	66	62	73
2.0	81	77	74	71	75	73	72	68	80
2.5	83	80	77	75	78	76	75	71	84
3.0	85	82	80	78	80	79	77	74	87
4.0	87	84	83	81	83	81	80	77	90
5.0	88	86	84	83	84	83	81	78	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 2450 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	22.5	23.4	22.8	23.7	23.9	22.5	23.4	22.8	23.7	23.9
	3H	23.1	23.9	23.4	24.2	24.5	22.7	23.5	23.0	23.7	24.0
	4H	23.4	24.2	23.8	24.5	24.8	22.7	23.4	23.0	23.7	24.1
	6H	23.7	24.4	24.1	24.8	25.1	22.7	23.4	23.0	23.7	24.0
	8H	23.9	24.5	24.2	24.9	25.2	22.7	23.3	23.0	23.7	24.0
	12H	23.9	24.5	24.3	24.9	25.3	22.6	23.3	23.0	23.6	24.0
4H	2H	22.7	23.4	23.0	23.7	24.1	23.4	24.2	23.8	24.5	24.8
	3H	23.5	24.1	23.9	24.5	24.8	23.8	24.4	24.2	24.8	25.2
	4H	24.0	24.5	24.4	24.9	25.3	24.0	24.5	24.4	24.9	25.3
	6H	24.4	24.9	24.8	25.3	25.7	24.1	24.6	24.5	25.0	25.4
	8H	24.6	25.0	25.0	25.4	25.9	24.1	24.6	24.6	25.0	25.5
	12H	24.7	25.1	25.1	25.5	26.0	24.1	24.6	24.6	25.0	25.5
8H	4H	24.1	24.6	24.6	25.0	25.5	24.6	25.0	25.0	25.4	25.9
	6H	24.7	25.1	25.2	25.5	26.0	24.8	25.2	25.3	25.6	26.1
	8H	24.9	25.3	25.4	25.7	26.2	24.9	25.3	25.4	25.7	26.2
	12H	25.1	25.4	25.6	25.9	26.4	25.0	25.3	25.5	25.8	26.3
12H	4H	24.1	24.6	24.6	25.0	25.5	24.7	25.1	25.1	25.5	26.0
	6H	24.7	25.1	25.2	25.5	26.0	24.9	25.3	25.4	25.7	26.2
	8H	25.0	25.3	25.5	25.8	26.3	25.1	25.4	25.6	25.9	26.4
Variations with the observer position at spacing:											
S =		1.0H	0.6 / -0.8				0.6 / -0.8				
		1.5H	1.5 / -1.2				1.5 / -1.2				
		2.0H	2.7 / -1.4				2.7 / -1.4				