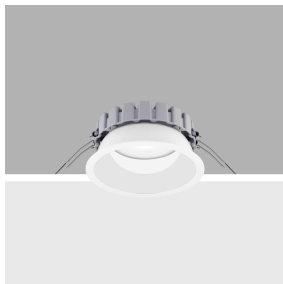


Last information update: April 2025

**Product configuration: QF63.01**

QF63.01: Ø 163 mm - warm white - DALI - White

**Product code**

QF63.01: Ø 163 mm - warm white - DALI - 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 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 (01)

**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:	2508	Colour temperature [K]:	3000
W system:	24.5	MacAdam Step:	2
lm source:	2950	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	21	Lamp code:	LED
Luminous efficiency (lm/W, real value):	102.3	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.) [%]:	85	Control:	DALI-2
CRI (minimum):	90		

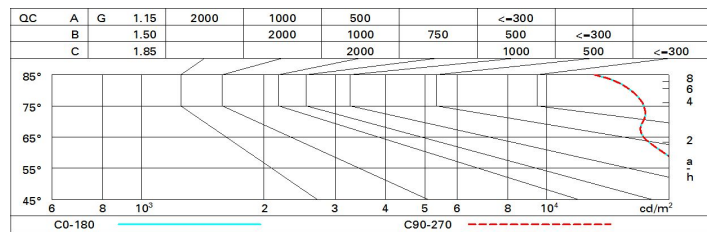
**Polar**

<p>Imax=1409 cd 90° 180° 90° 1500 0° α = 86°</p>	<b>CIE</b> nL 0.85 69-92-98-100-85 UGR 25.2-24.8 <b>DIN</b> A.51 <b>UTE</b> 0.85C+0.00T F*1=693 F*1+F*2=915 F*1+F*2+F*3=981				<b>Lux</b>			
	h	d	Em	Emax	h	d	Em	Emax
	1	1.9	939	1409				
	2	3.7	235	352				
	3	5.6	104	157				
	4	7.5	59	88				

# 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 2950 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	23.2	24.1	23.5	24.3	24.0	23.2	24.1	23.5	24.3	24.0
	3H	23.8	24.6	24.1	24.8	25.1	23.3	24.1	23.6	24.4	24.7
	4H	24.1	24.8	24.4	25.1	25.5	23.3	24.1	23.7	24.4	24.7
	6H	24.4	25.1	24.8	25.4	25.7	23.3	24.0	23.7	24.3	24.7
	8H	24.5	25.2	24.9	25.5	25.8	23.3	24.0	23.7	24.3	24.7
	12H	24.6	25.2	24.9	25.5	25.9	23.3	23.9	23.7	24.3	24.6
4H	2H	23.3	24.1	23.7	24.4	24.7	24.1	24.8	24.4	25.1	25.5
	3H	24.1	24.8	24.5	25.1	25.5	24.5	25.1	24.8	25.4	25.8
	4H	24.6	25.2	25.0	25.6	25.9	24.6	25.2	25.0	25.6	25.9
	6H	25.1	25.6	25.5	26.0	26.4	24.8	25.3	25.2	25.7	26.1
	8H	25.2	25.7	25.7	26.1	26.5	24.8	25.2	25.2	25.7	26.1
	12H	25.3	25.7	25.8	26.1	26.6	24.8	25.2	25.2	25.6	26.1
8H	4H	24.8	25.2	25.2	25.7	26.1	25.2	25.7	25.7	26.1	26.5
	6H	25.4	25.7	25.8	26.2	26.7	25.5	25.8	25.9	26.3	26.8
	8H	25.6	25.9	26.1	26.4	26.9	25.6	25.9	26.1	26.4	26.9
	12H	25.7	26.0	26.2	26.5	27.0	25.6	25.9	26.1	26.4	26.9
12H	4H	24.8	25.2	25.2	25.6	26.1	25.3	25.7	25.8	26.1	26.6
	6H	25.4	25.7	25.9	26.2	26.7	25.6	25.9	26.1	26.4	26.9
	8H	25.6	25.9	26.1	26.4	26.9	25.7	26.0	26.2	26.5	27.0
Variations with the observer position at spacing:											
S =		1.0H					0.6 / -0.8				
		1.5H					1.5 / -1.2				
		2.0H					2.7 / -1.4				