

Easy

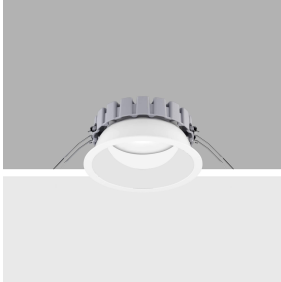
Design iGuzzini

iGuzzini

Last information update: April 2025

Product configuration: QF58.01

QF58.01: Ø 163 mm - warm white - DALI - White



Product code

QF58.01: 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

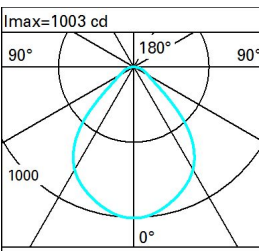
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1785	Colour temperature [K]:	3000
W system:	17	MacAdam Step:	2
Im source:	2100	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	15	Lamp code:	LED
Luminous efficiency (Im/W, real value):	105	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:	DALI-2
CRI (minimum):	90		

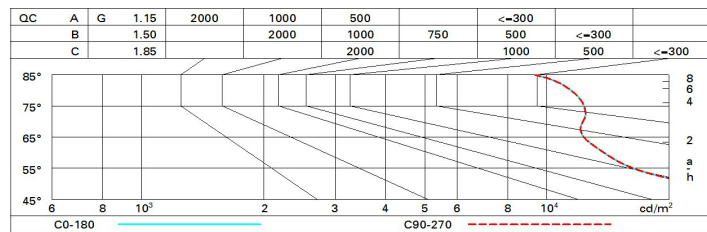
Polar

I _{max} =1003 cd		<div>CIE</div> <div>nL 0.85</div> <div>69-92-98-100-85</div> <div>UGR 24.0-23.6</div> <div>DIN</div> <div>A.51</div> <div>UTE</div> <div>0.85C+0.00T</div> <div>F*1=693</div> <div>F*1+F*2=915</div> <div>F*1+F*2+F*3=981</div>		Lux			
				h	d	Em	Emax
90°				1	1.9	668	1003
180°				2	3.7	167	251
90°				3	5.6	74	111
1000				4	7.5	42	63
0°							
α=86°							

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 2100 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	22.0	22.9	22.3	23.1	23.4	22.0	22.9	22.3	23.1	23.4
	3H	22.6	23.4	22.9	23.7	24.0	22.1	22.9	22.5	23.2	23.5
	4H	22.9	23.7	23.3	24.0	24.3	22.2	22.9	22.5	23.2	23.5
	6H	23.2	23.9	23.6	24.2	24.6	22.1	22.8	22.5	23.2	23.5
	8H	23.3	24.0	23.7	24.3	24.7	22.1	22.8	22.5	23.1	23.5
	12H	23.4	24.0	23.8	24.4	24.7	22.1	22.7	22.5	23.1	23.5
4H	2H	22.2	22.9	22.5	23.2	23.5	22.9	23.7	23.3	24.0	24.3
	3H	23.0	23.6	23.3	23.9	24.3	23.3	23.9	23.7	24.3	24.6
	4H	23.4	24.0	23.8	24.4	24.8	23.4	24.0	23.8	24.4	24.8
	6H	23.9	24.4	24.3	24.8	25.2	23.6	24.1	24.0	24.5	24.9
	8H	24.0	24.5	24.5	24.9	25.3	23.6	24.1	24.1	24.5	24.9
	12H	24.1	24.5	24.6	25.0	25.4	23.6	24.0	24.1	24.5	24.9
8H	4H	23.6	24.1	24.1	24.5	24.9	24.0	24.5	24.5	24.9	25.3
	6H	24.2	24.6	24.7	25.0	25.5	24.3	24.7	24.8	25.1	25.6
	8H	24.4	24.7	24.9	25.2	25.7	24.4	24.7	24.9	25.2	25.7
	12H	24.5	24.8	25.1	25.3	25.8	24.5	24.7	25.0	25.2	25.8
12H	4H	23.6	24.0	24.1	24.5	24.9	24.1	24.5	24.6	25.0	25.4
	6H	24.2	24.5	24.7	25.0	25.5	24.4	24.7	24.9	25.2	25.7
	8H	24.5	24.7	25.0	25.2	25.8	24.5	24.8	25.1	25.3	25.8
Variations with the observer position at spacing:											
S =		0.6 / -0.8					0.6 / -0.8				
		1.5 / -1.2					1.5 / -1.2				
		2.7 / -1.4					2.7 / -1.4				