Design iGuzzini iGuzzini

Last information update: February 2025

Product configuration: QJ17

QJ17: Minimal 5 cells - Wide Flood beam - LED



Product code

QJ17: Minimal 5 cells - Wide Flood beam - LED

Technical description

Linear miniaturised recessed luminaire with 5 optical elements for LED lamps - fixed optic. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of controlled glare visual comfort. Main body with die-cast aluminium radiant surface, minimal (frameless) version for mounting flush with the ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised, thermoplastic, high definition Opti Beam reflector, integrated in a set-back position in the anti-glare screen. Supplied with a dimmable DALI power supply unit connected to the luminaire.

Installation

The luminaire is recessed in the specific adapter (QJ90) by means of a steel wire spring, previously installed on the ceiling that can be 12.5 / 15 / 20 mm thick. A special protective sheath allows finishing operations on the plasterboard to be simplified and speeded up.







Colour

White (01) | Black (04) | Gold (14)* | Burnished chrome (E6)*

Weight (Kg)

0.32

* Colours on request

Mounting

wall recessed|ceiling recessed

Wiring

On the power supply unit with terminal board included

Notes

The special steel wire spring provided is required to facilitate the eventual extraction of the recessed body once it has been inserted.

Complies with EN60598-1 and pertinent regulations

























Technical data

Im system:	722	Colour temperature [K]:	2700		
W system:	12.4	MacAdam Step:	2		
Im source:	870	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		
W source:	9.9	Voltage [Vin]:	230		
Luminous efficiency (lm/W,	58.2	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	83	assemblies:			
[%]:		Control:	DALI-2		
Beam angle [°]:	58°				
CRI (minimum):	90				

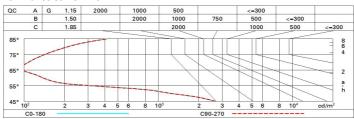
Polar

lmax=920 cd	CIE	Lux			
90° 180° 90°	nL 0.83 100-100-100-100-83	h	d	Em	Emax
	UGR 16.3-16.3 DIN A.61	1	1.1	732	913
	UTE 0.83A+0.00T F"1=996	2	2.2	183	228
900	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	3	3.3	81	101
α=58°	LG3 L<1500 cd/m² at 65° UGR<19 L<1500 cd/mq @	_{65°} 4	4.4	46	57

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	78	77	76	73	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

Luminance curve limit



Corre	ected UC	GR values	at 870	lm bare	lamp lui	mino us f	lux)				
Rifled	et.:										
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl. Room dim		0.50 0.20	0.30	0.50	0.30 0.20	0.30	0.50	0.30	0.50	0.30	0.30
				0.20			0.20	0.20	0.20	0.20	0.20
		viewed					viewed				
X	У	crosswise					endwise				
2H	2H	16.8	17.3	17.1	17.5	17.8	16.8	17.3	17.1	17.5	17.
	ЗН	16.7	17.1	17.0	17.4	17.7	16.7	17.1	17.0	17.4	17.
	4H	16.6	17.0	17.0	17.3	17.6	16.6	17.0	17.0	17.3	17.
	бН	16.6	16.9	16.9	17.2	17.6	16.6	16.9	16.9	17.2	17.
	HS	16.5	16.9	16.9	17.2	17.5	16.5	16.9	16.9	17.2	17.
	12H	16.5	16.8	16.9	17.2	17.5	16.5	16.8	16.9	17.2	17.
4H	2H	16.6	17.0	17.0	17.3	17.6	16.6	17.0	17.0	17.3	17.
	ЗН	16.5	16.8	16.9	17.2	17.5	16.5	16.8	16.9	17.2	17.
	4H	16.4	16.7	16.8	17.1	17.4	16.4	16.7	16.8	17.1	17.
	6H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.
	HS	16.3	16.5	16.7	16.9	17.4	16.3	16.5	16.7	16.9	17.
	12H	16.2	16.4	16.7	16.9	17.3	16.2	16.4	16.7	16.9	17.
вн	4H	16.3	16.5	16.7	16.9	17.4	16.3	16.5	16.7	16.9	17.
	6H	16.2	16.4	16.6	16.8	17.3	16.2	16.4	16.6	16.8	17
	HS	16.1	16.3	16.6	16.7	17.2	16.1	16.3	16.6	16.7	17.
	12H	16.1	16.2	16.6	16.7	17.2	16.1	16.2	16.6	16.7	17.
12H	4H	16.2	16.4	16.7	16.9	17.3	16.2	16.4	16.7	16.9	17.
	6H	16.1	16.3	16.6	16.7	17.2	16.1	16.3	16.6	16.7	17.
	HS	16.1	16.2	16.6	16.7	17.2	16.1	16.2	16.6	16.7	17.
Varia	tions wi	th the ob	server p	osition	at spacin	g:					
S =	1.0H	6.5 / -24.9					6.5 / -24.9				
	1.5H	9.4 / -25.6					9.4 / -25.6				
	2.0H	11.4 / -25.8					11.4 / -25.8				