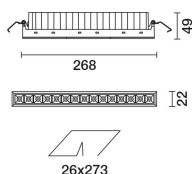
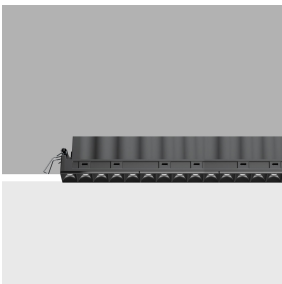


Design iGuzzini iGuzzini

**Product configuration: QJ47**  
QJ47: Minimal 15 cells - Medium beam - Tunable White - LED



QJ47: Minimal 15 cells - Medium beam - Tunable White - LED

Minimal linear 15 optic element recessed miniaturised luminaire. Using LED lamps with a high colour rendering index and a different colour temperature allows dynamic light modulation to be obtained. The variation is achieved by mixing an emission of 8 x 2700K LEDs and 7 x 5700K LEDs. Despite the disparity of lamps that use extreme channels - 2700K and 5700K - the intensity of the flux emitted remains the same. Moreover, even when products of different sizes are used, the colour temperature remains constant and uniform. Main body with die-cast aluminium radiant surface; frameless version for mounting flush with 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 reflectors, integrated in a set-back position in the anti-glare screen. The product is designed to be used together with codes 6170 + M630 to obtain a solution suitable for small to medium systems that can be programmed with a DALI protocol via a simple and intuitive user touch-panel. Other management systems are also available with a separate code for larger systems that require the intervention of a specialised technician to programme them: the MH97 + MH93 + MI02 group offers a DALI / KNX programmable solution, and the MH97 + MH93 + M618 group allows the system management to be extended to remote devices like tablet and smartphones too.

The luminaire is recessed in the specific adapter (QJ93) 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	Weight (Kg)
White (01)   Black (04)   Gold (14)*   Burnished chrome (E6)*	0.72

\* Colours on request

wall recessed|ceiling recessed

DAI control gear units included. Different management systems are available with a separate code. For technical details, properties and connection procedures see the instruction sheet.

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



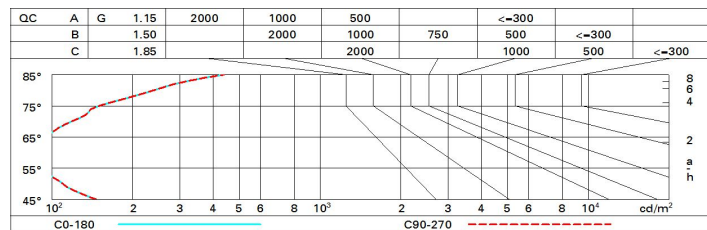
Im system:	2133	CRI (minimum):	90
W system:	32.8	Colour temperature [K]:	Tunable white 2700 - 5700
Im source:	2700	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	28	Lamp code:	LED
Luminous efficiency (lm/W, real value):	65	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI 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.) [%]:	79	Control:	DALI-2
Beam angle [°]:	25°		

	<b>CIE</b> nL 0.79 100-100-100-100-79 UGR <10<10				<b>Lux</b>			
	<b>DIN</b> A.61							
	<b>UTE</b> 0.79A+0.00T F*1=999							
	F*1+F*2=1000 F*1+F*2+F*3=1000							
	<b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/m² @65°							
$\alpha = 24^\circ$	h	d	Em	Emax				
	2	0.9	2046	2464				
	4	1.7	511	616				
	6	2.6	227	274				
	8	3.4	128	154				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	70	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2700 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	3.0	5.1	3.3	5.4	5.7	3.0	5.1	3.3	5.4	5.7
	3H	2.8	4.4	3.2	4.7	5.1	2.8	4.4	3.2	4.7	5.1
	4H	2.8	4.1	3.1	4.4	4.8	2.7	4.1	3.1	4.4	4.8
	6H	2.7	3.7	3.1	4.1	4.4	2.7	3.7	3.1	4.1	4.4
	8H	2.7	3.7	3.1	4.1	4.4	2.7	3.7	3.1	4.0	4.4
	12H	2.6	3.7	3.0	4.0	4.4	2.6	3.6	3.0	4.0	4.4
4H	2H	2.7	4.1	3.1	4.4	4.8	2.8	4.1	3.1	4.4	4.8
	3H	2.6	3.6	3.0	4.0	4.4	2.6	3.6	3.0	4.0	4.4
	4H	2.5	3.5	2.9	3.9	4.3	2.5	3.5	2.9	3.9	4.3
	6H	2.2	3.8	2.6	4.3	4.8	2.1	3.8	2.6	4.3	4.7
	8H	2.0	3.9	2.5	4.4	4.9	2.0	3.9	2.5	4.4	4.9
	12H	1.9	3.9	2.5	4.4	4.9	1.9	3.9	2.4	4.3	4.9
8H	4H	2.0	3.9	2.5	4.4	4.9	2.0	3.9	2.5	4.4	4.9
	6H	1.9	3.7	2.4	4.2	4.7	1.9	3.7	2.4	4.2	4.7
	8H	1.9	3.5	2.4	4.0	4.5	1.9	3.5	2.4	4.0	4.5
	12H	2.1	3.1	2.6	3.6	4.2	2.1	3.1	2.6	3.6	4.1
12H	4H	1.9	3.9	2.4	4.3	4.9	1.9	3.9	2.5	4.4	4.9
	6H	1.9	3.5	2.4	4.0	4.5	1.9	3.5	2.5	4.0	4.6
	8H	2.1	3.1	2.6	3.6	4.1	2.1	3.1	2.6	3.6	4.2
Variations with the observer position at spacing:											
S =	1.0H	6.9 / -11.5					6.9 / -11.5				
	1.5H	9.7 / -11.7					9.7 / -11.7				
	2.0H	11.7 / -11.8					11.7 / -11.8				