

Laser Blade XS

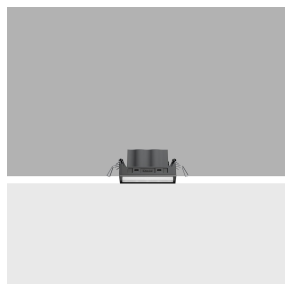
Design iGuzzini

iGuzzini

Last information update: May 2025

Product configuration: QJ59

QJ59: Minimal section 5 LEDs - Wall Washer - Tunable White



Product code

QJ59: Minimal section 5 LEDs - Wall Washer - Tunable White

Technical description

Minimal linear 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 3 x 2700K LEDs and 2 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. Specialised asymmetrical optic system (patented) for obtaining homogeneous and efficient wall lighting, despite its extra-compact size. Flux enhancer - superpure aluminium reflector - asymmetrical textured PMMA screen - black polycarbonate internal perimeter frame. 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 + M102 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.

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	Weight (Kg)
Black (04)	0.45

Mounting

ceiling recessed

Wiring

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

Notes

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

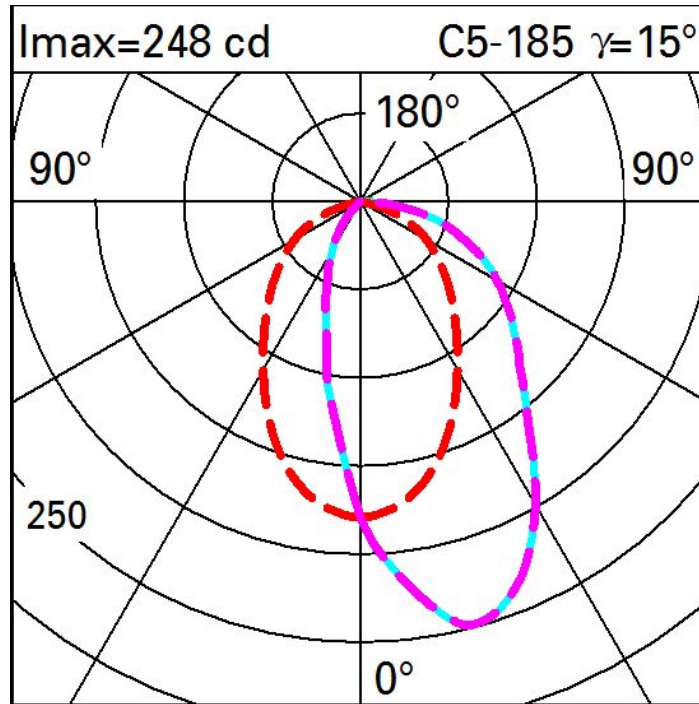
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	331	CRI (minimum):	90
W system:	12.8	Colour temperature [K]:	Tunable white 2700 - 5700
Im source:	870	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	8.6	Lamp code:	LED
Luminous efficiency (Im/W, real value):	25.8	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.) [%]:	38	Control:	DALI-2

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.6	2	5	13	34	57	34	13	5	2	0.6		
2	1	3	7	16	33	47	33	16	7	3	1		
	2	4	7	14	25	31	25	14	7	4	2		
1	2	4	6	11	17	20	17	11	6	4	2		
	2	3	5	8	11	13	11	8	5	3	2		
0													
	m	-2	-1	0	1	2	3						