

Laser Blade

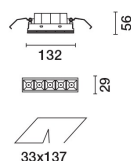
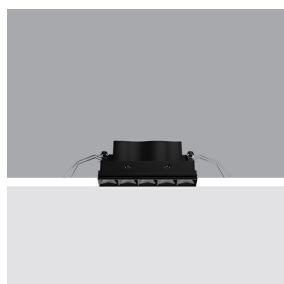
Design iGuzzini

iGuzzini

Last information update: March 2025

Product configuration: QY47

QY47: Minimal 5 cells - Flood - Tunable White LED



Product code

QY47: Minimal 5 cells - Flood - Tunable White LED

Technical description

Rectangular 5 optic element recessed miniaturised luminaire. LED lamps with different colour temperatures that allow them to be modulated. This variation is achieved by mixing the emission of 5 x 2700K high CRI LEDs and 5 x 6500K high CRI LEDs. Every optic element contains a warm LED and a cool LED, rotated progressively by 72° in order to cover an angle of 360° for 5 LEDs and obtain a perfect mixture on the ground even between products of different sizes. 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 - flood beam - optics are integrated in a set-back position in the black anti-glare screen. The structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with an integrated power supply system (DALI DT8) that, without using additional components, allows the colour temperature to be changed by simply pressing a single button. A DALI programmable setup with an intuitive, easy-to-use touch screen can be obtained using the X479 code with the M630 power supply unit. This panel can be controlled in Bluetooth mode using an app that allows system control to be extended to remote devices, like tablets and smartphones.

Installation

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Colour

White (01) | Black (04) | Clear transparent (24)

Weight (Kg)

0.28

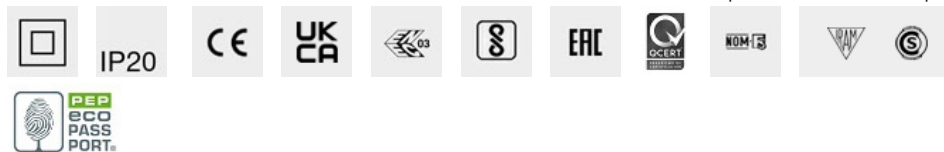
Mounting

mounting
wall recessed|ceiling recessed

Wiring

Power units included. Various management solutions are available with a separate code. For technical data, properties and connection modes see the instruction sheet.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1015.0	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	13.2	Lamp code:	LED
Im source:	1450	Number of lamps for optical assembly:	1
W source:	9.4	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	76.89	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0.0	Inrush current:	29 A / 153 µs
Light Output Ratio (L.O.R.) [%]:	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 32 luminaires B16A: 51 luminaires C10A: 53 luminaires C16A: 86 luminaires
Beam angle [°]:	42°	Minimum dimming %:	1
CRI:	80	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	Tunable white	Control:	DALI-2
MacAdam Step:	3		