

Laser Blade XS

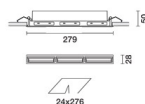
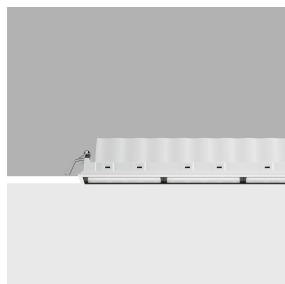
Design iGuzzini

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Last information update: April 2024

Product configuration: Q802

Q802: Frame sections 3 x 5 LEDs - Wall Washer - Tunable White



Product code

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Technical description

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 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, version with perimeter surface frame. 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 code 6170 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.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 276.

Colour

Black / Black (43) | Black / White (47) | Grey / Black (74)*

Weight (Kg)

0.88

* Colours on request

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.

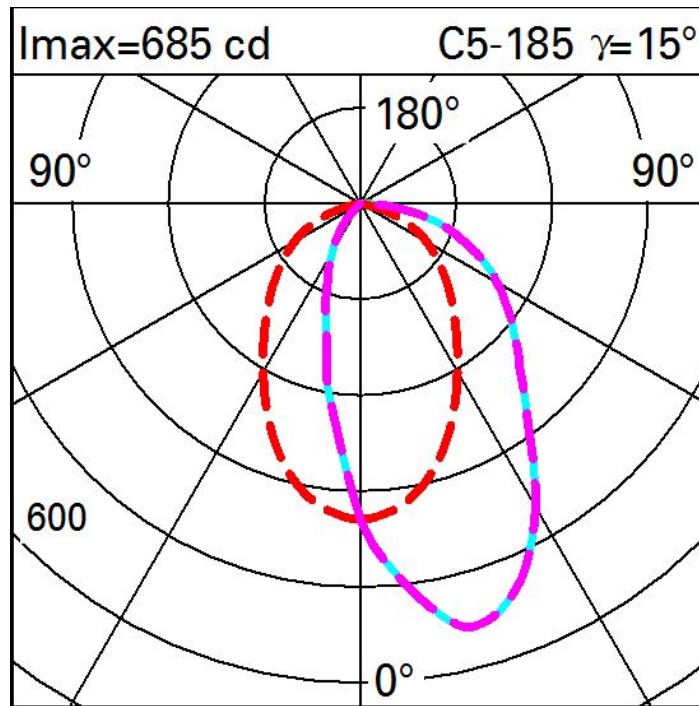
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	912	Lamp code:	LED
W system:	28.4	Number of lamps for optical assembly:	1
lm source:	2400	ZVEI Code:	LED
W source:	24	Number of optical assemblies:	1
Luminous efficiency (lm/W, real value):	32.1	Power factor:	See installation instructions
lm in emergency mode:	-	Inrush current:	5 A / 50 µs
Total light flux at or above an angle of 90° [Lm]:	0	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Light Output Ratio (L.O.R.) [%]:	38	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	Tunable white 2700 - 5700	Control:	DALI-2
Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	2	4	12	35	94	156	94	35	12	4	2			
2	4	9	20	45	92	129	92	45	20	9	4			
	5	10	20	40	68	86	68	40	20	10	5			
1	6	10	17	31	47	56	47	31	17	10	6			
	5	9	14	22	31	35	31	22	14	9	5			
0														
	m	-2	-1	0	1	2	3							