Laser Blade XS
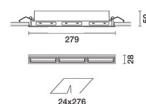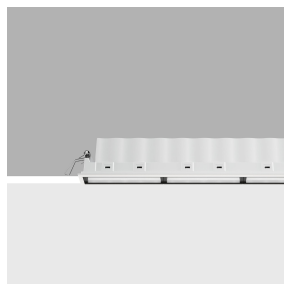
Last information update: May 2025

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

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

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	Weight (Kg)
Black / Black (43)	Black / White (47)	Grey / Black (74)*	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.
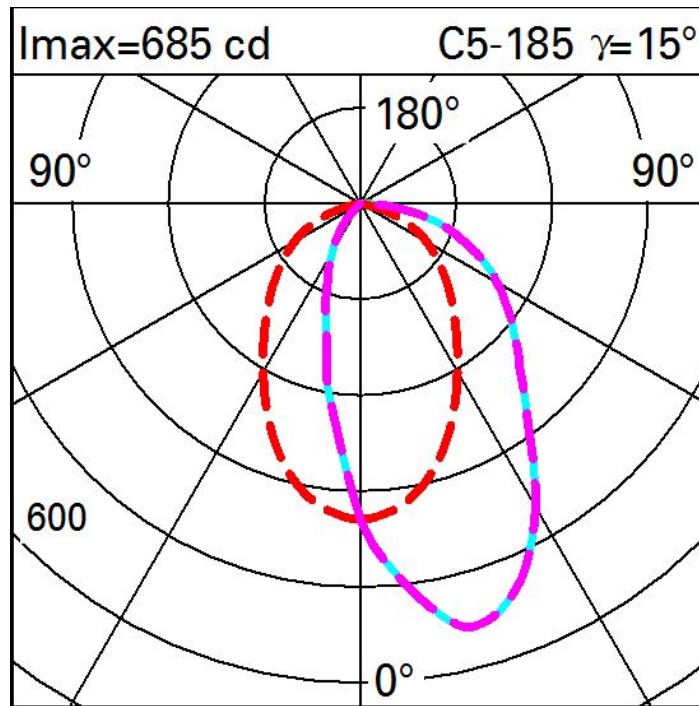
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	912	CRI (minimum):	90
W system:	28.4	Colour temperature [K]:	Tunable white 2700 - 5700
lm source:	2400	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	24	Lamp code:	LED
Luminous efficiency (lm/W, real value):	32.1	Number of lamps for optical assembly:	1
lm 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

Imax=685 cd   C5-185 γ=15°

180°

90°   90°

600

0°

Illuminances

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

m   -2   -1   0   1   2   3