

Laser Blade

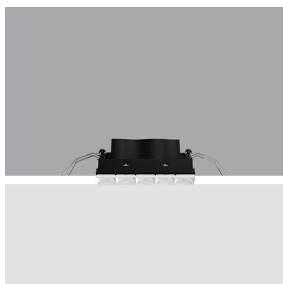
Design iGuzzini

iGuzzini

Last information update: June 2025

Product configuration: QL02.01

QL02.01: Minimal 5 cells - Spot - LED - 12.8W 734.7lm - 3000K - CRI 95 - White



Product code

QL02.01: Minimal 5 cells - Spot - LED - 12.8W 734.7lm - 3000K - CRI 95 - White

Technical description

Linear miniaturised recessed luminaire with 5 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed 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 OptiBeam reflector, integrated in a rear 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 a dimmable DALI power supply unit connected to the luminaire. High colour rendering LED.

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)

Weight (Kg)

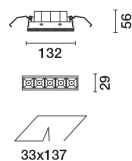
0.28

Mounting

wall recessed|ceiling recessed

Wiring

Quick-coupling connections on the ballast unit.



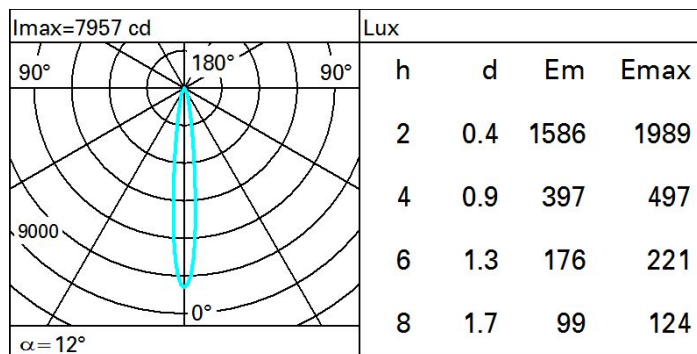
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	735	Rf (Colour Fidelity Index):	96
W system:	12.8	Rg (Gamut Index):	102
lm source:	930	Colour temperature [K]:	3000
W source:	10	MacAdam Step:	3
Luminous efficiency (lm/W, real value):	57.4	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	79	ZVEI Code:	LED
Beam angle [°]:	12°	Number of optical assemblies:	1
CRI (minimum):	95	Control:	DALI-2
CRI (typical):	97		

Polar



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	71	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

