

Laser Blade XS

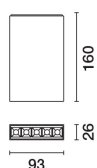
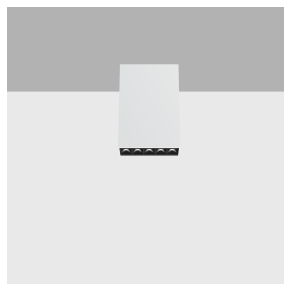
Design iGuzzini

iGuzzini

Last information update: May 2025

Product configuration: QI61

QI61: Ceiling-mounted linear HC - 5 cells - Flood beam



Product code

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Technical description

Ceiling-mounted luminaire with 5 optical elements for LED lamps - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of controlled glare visual comfort. Extruded aluminium main body and technical dissipation unit - shaped steel fixing plate. Integrated DALI dimmable electronic ballast.

Installation

Ceiling-mounted with surface fixing plate (screws and screw anchors not included) - external locking system.

Colour

White (01) | Black / Black (43) | Black / White (47)

Weight (Kg)

0.45

Mounting

ceiling surface

Wiring

Cables supplied with quick-coupling terminals for connecting to power supply line.

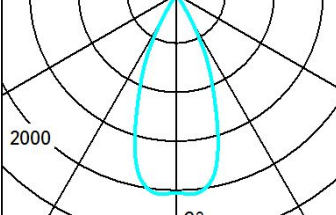
Complies with EN60598-1 and pertinent regulations



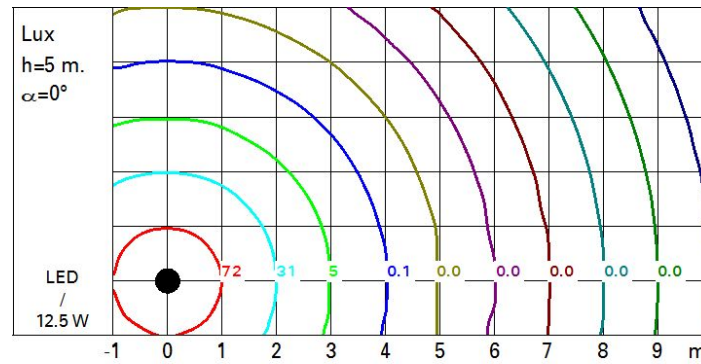
Technical data

lm system:	996	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	12.5	Voltage [Vin]:	230
lm source:	1200	Lamp code:	LED
W source:	10	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	79.7	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	83	Inrush current:	5 A / 50 µs
Beam angle [°]:	43°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	3kV Common mode & 2kV Differential mode
MacAdam Step:	2	Control:	DALI-2

Polar

Imax=2046 cd		Lux				
90°	180°	90°	h	d	Em	Emax
			2	1.5	416	508
			4	3.1	104	127
			6	4.6	46	56
			8	6.1	26	32
			α = 42°			

Isolux



UGR diagram

Corrected UGR values (at 1200 lm bare lamp luminous flux)											
Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	8.2	8.7	8.5	8.9	9.1	8.2	8.7	8.5	8.9	9.1
	3H	8.1	8.5	8.4	8.8	9.0	8.1	8.5	8.4	8.8	9.0
	4H	8.0	8.4	8.3	8.7	9.0	8.0	8.4	8.3	8.7	9.0
	6H	7.9	8.3	8.3	8.6	8.9	7.9	8.3	8.3	8.6	8.9
	8H	7.9	8.2	8.2	8.6	8.9	7.9	8.2	8.2	8.6	8.9
	12H	7.8	8.2	8.2	8.5	8.9	7.8	8.2	8.2	8.5	8.9
4H	2H	8.0	8.4	8.3	8.7	9.0	8.0	8.4	8.3	8.7	9.0
	3H	7.8	8.2	8.2	8.5	8.9	7.8	8.2	8.2	8.5	8.9
	4H	7.7	8.1	8.1	8.4	8.8	7.7	8.1	8.1	8.4	8.8
	6H	7.7	7.9	8.1	8.3	8.7	7.7	7.9	8.1	8.3	8.7
	8H	7.6	7.9	8.1	8.3	8.7	7.6	7.9	8.0	8.3	8.7
	12H	7.6	7.8	8.0	8.2	8.7	7.6	7.8	8.0	8.2	8.7
8H	4H	7.6	7.9	8.0	8.3	8.7	7.6	7.9	8.1	8.3	8.7
	6H	7.5	7.7	8.0	8.2	8.6	7.5	7.7	8.0	8.2	8.7
	8H	7.5	7.7	8.0	8.1	8.6	7.5	7.7	8.0	8.1	8.6
	12H	7.4	7.6	7.9	8.1	8.6	7.4	7.6	7.9	8.1	8.6
12H	4H	7.6	7.8	8.0	8.2	8.7	7.6	7.8	8.0	8.2	8.7
	6H	7.5	7.6	8.0	8.1	8.6	7.5	7.7	8.0	8.1	8.6
	8H	7.4	7.6	7.9	8.1	8.6	7.4	7.6	7.9	8.1	8.6
Variations with the observer position at spacing:											
S =	1.0H	7.0 / -14.5					7.0 / -14.5				
	1.5H	9.8 / -14.7					9.8 / -14.7				
	2.0H	11.8 / -14.8					11.8 / -14.8				