Laser Blade XS

Design iGuzzini **iGuzzini**

Last information update: June 2025

Product configuration: QI77
QI77: Ceiling-mounted linear GL Pro - 15 cells

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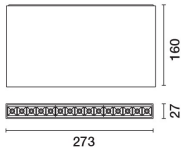
Technical description
Ceiling-mounted luminaire with 15 optical elements for LED lamps - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux optimised by a special diffuser screen that reduces direct glare significantly. Extruded aluminium main body and technical dissipation unit - shaped steel fixing plate. DALI dimmable electronic driver integrated in luminaire body.

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

Colour
White (01) | Black/white (F2)

Weight (Kg)
1.11



Mounting
ceiling surface

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

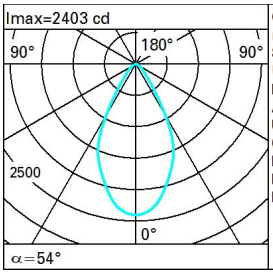
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	2001	Colour temperature [K]:	3000
W system:	33.4	MacAdam Step:	2
lm source:	2900	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	30	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	59.9	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	69	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

Polar



CIE
nL 0.69
88-98-100-100-69
UGR 22.1-22.0
DIN
A.61
UTE
0.69A+0.00T
F"1=877
F"1+F"2=981
F"1+F"2+F"3=997

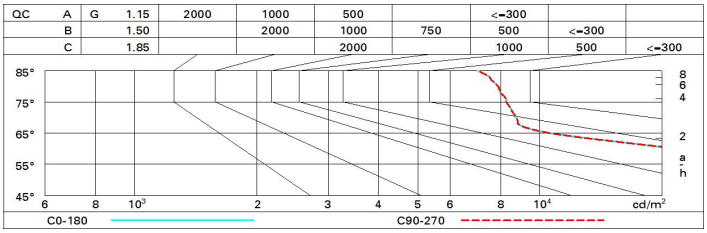
Lux

h	d	Em	Emax
2	2	445	601
4	4.1	111	150
6	6.1	49	67
8	8.2	28	38

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	54	51	49	54	51	51	48	69
1.0	62	58	55	53	57	55	54	52	75
1.5	66	63	61	59	62	60	60	57	83
2.0	69	66	65	63	65	64	63	61	88
2.5	70	68	67	66	67	66	65	63	92
3.0	71	70	69	68	69	68	67	65	94
4.0	72	71	70	70	70	69	68	66	96
5.0	73	72	71	71	71	70	69	67	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 2900 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 crosswise					viewed endwise		
x	y										
2H	2H	22.1	22.7	22.4	23.0	23.2	22.1	22.7	22.4	23.0	23.2
	3H	22.1	22.7	22.4	22.9	23.2	22.1	22.7	22.4	23.0	23.2
	4H	22.1	22.6	22.4	22.9	23.2	22.1	22.6	22.4	22.9	23.2
	6H	22.0	22.5	22.4	22.9	23.2	22.0	22.5	22.3	22.8	23.1
	8H	22.0	22.5	22.4	22.8	23.2	22.0	22.4	22.3	22.8	23.1
	12H	22.0	22.5	22.4	22.8	23.2	21.9	22.4	22.3	22.7	23.1
4H	2H	22.1	22.6	22.4	22.9	23.2	22.1	22.6	22.4	22.9	23.2
	3H	22.1	22.5	22.4	22.9	23.2	22.1	22.6	22.5	22.9	23.3
	4H	22.1	22.5	22.5	22.8	23.2	22.1	22.5	22.5	22.8	23.2
	6H	22.1	22.4	22.5	22.8	23.2	22.0	22.4	22.4	22.8	23.2
	8H	22.1	22.4	22.5	22.8	23.2	22.0	22.3	22.4	22.7	23.2
	12H	22.1	22.4	22.5	22.8	23.2	21.9	22.2	22.4	22.7	23.1
8H	4H	22.0	22.3	22.4	22.7	23.2	22.1	22.4	22.5	22.8	23.2
	6H	22.0	22.3	22.5	22.7	23.2	22.1	22.3	22.5	22.8	23.2
	8H	22.0	22.3	22.5	22.7	23.2	22.0	22.3	22.5	22.7	23.2
	12H	22.0	22.2	22.5	22.7	23.2	22.0	22.2	22.5	22.7	23.2
12H	4H	21.9	22.2	22.4	22.7	23.1	22.1	22.4	22.5	22.8	23.2
	6H	22.0	22.2	22.5	22.7	23.2	22.0	22.3	22.5	22.7	23.2
	8H	22.0	22.2	22.5	22.7	23.2	22.0	22.2	22.5	22.7	23.2

Variations with the observer position at spacing:

S =			
	1.0H	2.4 / -2.2	2.4 / -2.2
	1.5H	4.5 / -4.7	4.5 / -4.7
	2.0H	6.3 / -6.0	6.3 / -6.0