

Laser Blade XS

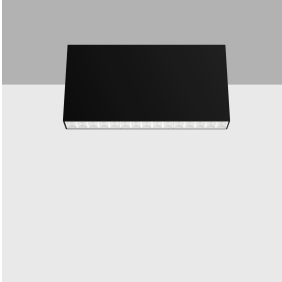
Design iGuzzini

iGuzzini

Last information update: January 2025

Product configuration: QI76

QI76: Ceiling-mounted linear GL Pro - 15 cells



Product code

QI76: Ceiling-mounted linear GL Pro - 15 cells

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.

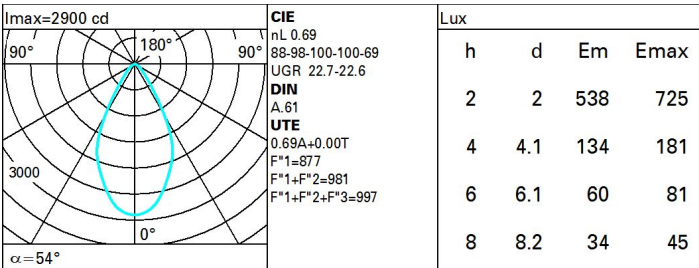
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	2415	Voltage [Vin]:	230
W system:	33.4	Lamp code:	LED
Im source:	3500	Number of lamps for optical assembly:	1
W source:	30	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	72.3	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	5 A / 50 µs
Light Output Ratio (L.O.R.) [%]:	69	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:	4kV Common mode & 3kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		

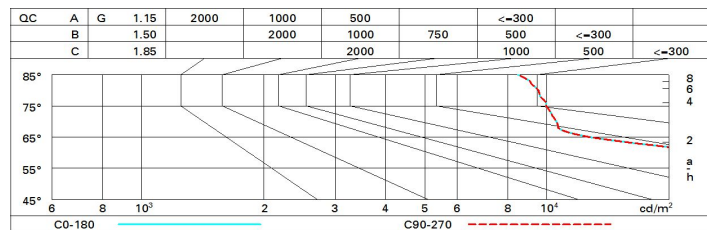
Polar



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 3500 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
	3H	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
	4H	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	6H	22.7	23.2	23.1	23.5	23.8	22.6	23.1	23.0	23.5	23.8
	8H	22.7	23.2	23.1	23.5	23.8	22.6	23.1	23.0	23.4	23.8
	12H	22.7	23.1	23.0	23.5	23.8	22.6	23.0	23.0	23.4	23.7
4H	2H	22.7	23.3	23.1	23.5	23.8	22.7	23.3	23.1	23.6	23.9
	3H	22.7	23.2	23.1	23.5	23.9	22.8	23.2	23.1	23.6	23.9
	4H	22.7	23.1	23.1	23.5	23.9	22.7	23.1	23.1	23.5	23.9
	6H	22.7	23.1	23.2	23.5	23.9	22.7	23.0	23.1	23.4	23.8
	8H	22.7	23.1	23.2	23.5	23.9	22.6	23.0	23.1	23.4	23.8
	12H	22.7	23.0	23.2	23.4	23.9	22.6	22.9	23.1	23.3	23.8
8H	4H	22.6	23.0	23.1	23.4	23.8	22.7	23.1	23.2	23.5	23.9
	6H	22.7	22.9	23.2	23.4	23.9	22.7	23.0	23.2	23.4	23.9
	8H	22.7	22.9	23.2	23.4	23.9	22.7	22.9	23.2	23.4	23.9
	12H	22.7	22.9	23.2	23.4	23.9	22.7	22.9	23.2	23.4	23.9
12H	4H	22.6	22.9	23.1	23.3	23.8	22.7	23.0	23.2	23.4	23.9
	6H	22.6	22.9	23.1	23.3	23.8	22.7	22.9	23.2	23.4	23.9
	8H	22.7	22.9	23.2	23.4	23.9	22.7	22.9	23.2	23.4	23.9
Variations with the observer position at spacing:											
S =		1.0H					2.4 / -2.2				
		1.5H					4.5 / -4.7				
		2.0H					6.3 / -6.0				