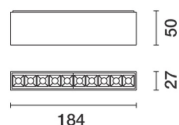


Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: May 2018



Ceiling-mounted LB XS Linear HC - 10 cells - Flood beam - remote driver

Product code

Q883

Technical description

Ceiling-mounted luminaire with 10 optic 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. Ballast not included, available with separate code.

Installation

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

Dimension (mm)

184x27x50

Colour

White (01) | White/Brass (41) | Black/Black (43) | (44) | Black/White (47) | (E7) | (F1)

Weight (Kg)

0.3

Mounting

ceiling surface

Wiring

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

Complies with EN60598-1 and pertinent regulations



IP20



Product configuration: Q883

Product characteristics

Total lighting output [Lm]: 1204
Total power [W]: 19
Luminous efficacy [Lm/W]: 63.3
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 19
Nominal luminous [Lm]: 1450
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 2700
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

$I_{\max}=2472 \text{ cd}$	Lux			
	h	d	Em	E _{max}
	2	1.5	503	613
	4	3.1	126	153
	6	4.6	56	68
	8	6.1	31	38
$\alpha=42^\circ$				

Corrected UGR values (at 1450 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise				viewed endwise					
2H	2H	0.4	0.8	0.6	7.1	7.3	0.4	0.8	0.6	7.1	7.3
	3H	0.2	0.7	0.5	0.9	7.2	0.2	0.7	0.5	0.9	7.2
	4H	0.2	0.6	0.5	0.8	7.1	0.2	0.6	0.5	0.8	7.1
	6H	0.1	0.5	0.4	0.8	7.1	0.1	0.5	0.4	0.8	7.1
	8H	0.1	0.4	0.4	0.7	7.1	0.0	0.4	0.4	0.7	7.1
	12H	0.0	0.4	0.4	0.7	7.0	0.0	0.3	0.4	0.7	7.0
4H	2H	0.2	0.6	0.5	0.8	7.1	0.2	0.6	0.5	0.8	7.1
	3H	0.0	0.4	0.4	0.7	7.0	0.0	0.4	0.4	0.7	7.0
	4H	5.9	6.2	0.3	0.6	7.0	5.9	6.2	0.3	0.6	7.0
	6H	5.8	6.1	0.3	0.5	6.9	5.8	6.1	0.3	0.5	6.9
	8H	5.8	6.0	0.2	0.5	6.9	5.8	6.0	0.2	0.4	6.9
	12H	5.7	6.0	0.2	0.4	6.9	5.7	6.0	0.2	0.4	6.8
8H	4H	5.8	6.0	0.2	0.4	6.9	5.8	6.0	0.2	0.5	6.9
	6H	5.7	5.9	0.2	0.3	6.8	5.7	5.9	0.2	0.3	6.8
	8H	5.6	5.8	0.1	0.3	6.8	5.6	5.8	0.1	0.3	6.8
	12H	5.6	5.8	0.1	0.2	6.8	5.6	5.7	0.1	0.2	6.8
12H	4H	5.7	6.0	0.2	0.4	6.8	5.7	6.0	0.2	0.4	6.9
	6H	5.6	5.8	0.1	0.3	6.8	5.7	5.8	0.1	0.3	6.8
	8H	5.6	5.7	0.1	0.2	6.8	5.6	5.8	0.1	0.2	6.8

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