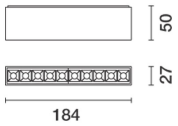
Laser Blade XS

Design iGuzzini **iGuzzini**

Last information update: May 2018



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

Product code
Q882

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: Q882

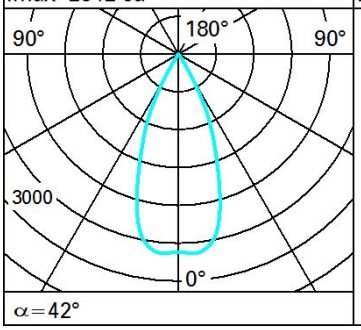
Product characteristics

Total lighting output [Lm]: 1287
Total power [W]: 19
Luminous efficacy [Lm/W]: 67.7
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]: 1550
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

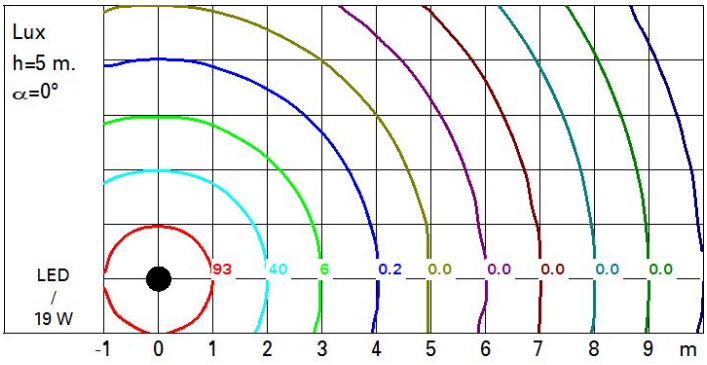
Polar



Lux

h	d	Em	Emax
2	1.5	538	656
4	3.1	134	164
6	4.6	60	73
8	6.1	34	41

Isolux



UGR diagram

Corrected UGR values (at 1550 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	6.6	7.1	6.9	7.3	7.5	6.6	7.1	6.9	7.3	7.5
	3H	6.5	6.9	6.8	7.2	7.4	6.5	6.9	6.8	7.2	7.4
	4H	6.4	6.8	6.7	7.1	7.4	6.4	6.8	6.7	7.1	7.4
	6H	6.3	6.7	6.7	7.0	7.3	6.3	6.7	6.7	7.0	7.3
	8H	6.3	6.6	6.6	7.0	7.3	6.3	6.6	6.6	7.0	7.3
	12H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.3
4H	2H	6.4	6.8	6.7	7.1	7.4	6.4	6.8	6.7	7.1	7.4
	3H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.3
	4H	6.1	6.5	6.5	6.8	7.2	6.1	6.5	6.5	6.8	7.2
	6H	6.1	6.3	6.5	6.7	7.1	6.1	6.3	6.5	6.7	7.1
	8H	6.0	6.3	6.5	6.7	7.1	6.0	6.3	6.5	6.7	7.1
	12H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1
8H	4H	6.0	6.3	6.5	6.7	7.1	6.0	6.3	6.5	6.7	7.1
	6H	5.9	6.1	6.4	6.6	7.0	5.9	6.1	6.4	6.6	7.1
	8H	5.9	6.1	6.4	6.5	7.0	5.9	6.1	6.4	6.5	7.0
	12H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0
12H	4H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1
	6H	5.9	6.0	6.4	6.5	7.0	5.9	6.1	6.4	6.5	7.0
	8H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0

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