Laser Blade XS

Design iGuzzini   **iGuzzini**

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Ceiling-mounted LB XS Linear HC - 15 cells - Flood beam - remote driver

Product code
Q884

Technical description
Ceiling-mounted luminaire with 15 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)
273x27x50

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

Weight (Kg)
0.43

Mounting
ceiling surface

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

Complies with EN60598-1 and pertinent regulations

III   IP20

CE   CIDET   EAC   A++   pending

Product configuration: Q884

Product characteristics

Total lighting output [Lm]: 2200	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 29	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 75.8	Voltage [V]: -
Life Time: > 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 0
Nominal power [W]: 29	Colour temperature [K]: 4000
Nominal luminous [Lm]: 2650	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 42°	MacAdam Step: 3

Polar

Imax=4517 cd		Lux			
		h	d	Em	Emax
		2	1.5	919	1121
		4	3.1	230	280
		6	4.6	102	125
		8	6.1	57	70

90° 180° 90°

5000

0°

α=42°

Isolux

Lux
h=5 m.
α=0°

LED / 29 W

158 69 11 0.3 0.0 0.0 0.0 0.0 0.0

-1 0 1 2 3 4 5 6 7 8 9 m
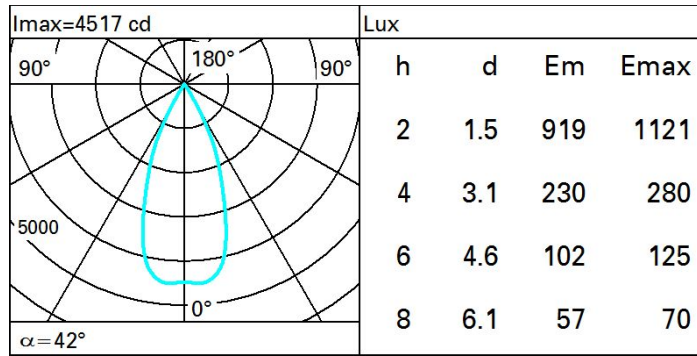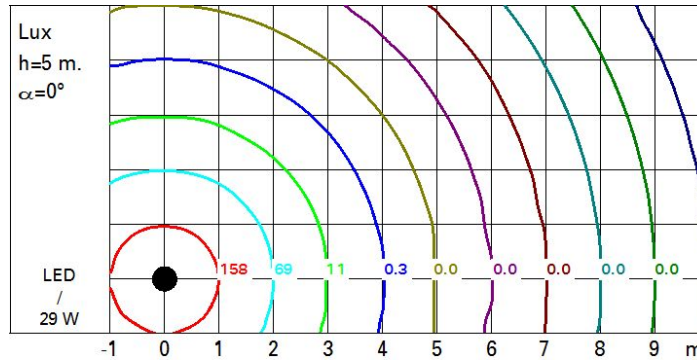
UGR diagram

Corrected UGR values (at 2650 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	7.1	7.6	7.4	7.8	8.0	7.1	7.6	7.4	7.8	8.0
	3H	7.0	7.4	7.3	7.6	7.9	7.0	7.4	7.3	7.6	7.9
	4H	6.9	7.3	7.2	7.6	7.9	6.9	7.3	7.2	7.6	7.9
	6H	6.8	7.2	7.2	7.5	7.8	6.8	7.2	7.1	7.5	7.8
	8H	6.8	7.1	7.1	7.5	7.8	6.8	7.1	7.1	7.5	7.8
	12H	6.7	7.1	7.1	7.4	7.8	6.7	7.1	7.1	7.4	7.8
4H	2H	6.9	7.3	7.2	7.6	7.9	6.9	7.3	7.2	7.6	7.9
	3H	6.7	7.1	7.1	7.4	7.8	6.7	7.1	7.1	7.4	7.8
	4H	6.6	6.9	7.0	7.3	7.7	6.6	6.9	7.0	7.3	7.7
	6H	6.6	6.8	7.0	7.2	7.6	6.6	6.8	7.0	7.2	7.6
	8H	6.5	6.8	7.0	7.2	7.6	6.5	6.8	6.9	7.2	7.6
	12H	6.5	6.7	6.9	7.1	7.6	6.5	6.7	6.9	7.1	7.6
8H	4H	6.5	6.8	6.9	7.2	7.6	6.5	6.8	7.0	7.2	7.6
	6H	6.4	6.6	6.9	7.1	7.5	6.4	6.6	6.9	7.1	7.5
	8H	6.4	6.5	6.9	7.0	7.5	6.4	6.5	6.9	7.0	7.5
	12H	6.3	6.5	6.8	7.0	7.5	6.3	6.5	6.8	7.0	7.5
12H	4H	6.5	6.7	6.9	7.1	7.6	6.5	6.7	6.9	7.1	7.6
	6H	6.4	6.5	6.8	7.0	7.5	6.4	6.6	6.9	7.0	7.5
	8H	6.3	6.5	6.8	7.0	7.5	6.3	6.5	6.8	7.0	7.5

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