Laser Blade XS

Design iGuzzini   **iGuzzini**

Last information update: October 2024

Product configuration: Q886
Q886: Ceiling-mounted LB XS Linear HC - 15 cells - Flood beam - remote driver

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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.

Colour
White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)* | Black/gold (44)* | White / burnished chrome (E7)* | Black/burnished chrome (F1)*

Weight (Kg)
0.43

* Colours on request

Mounting
ceiling surface

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

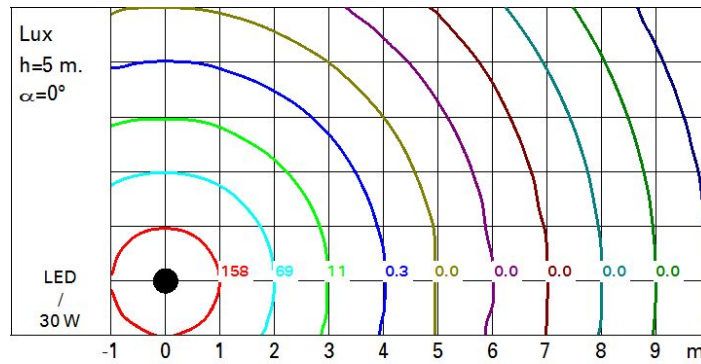Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	2200	CRI (minimum):	90
W system:	30	Colour temperature [K]:	2700
lm source:	2650	MacAdam Step:	2
W source:	30	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	73.3	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.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	43°	LED current [mA]:	700

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

α=42°

Isolux

Lux
h=5 m.
α=0°

LED
/
30 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