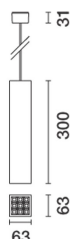


Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: May 2018



LB XS pendant HC - 9 cells - Wide Flood beam - integrated driver

Product code
Q874

Technical description

Pendant luminaire with 9 optical elements for LED lamps, ideal for zenithal accent lighting. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of visual comfort. Metallised thermoplastic high definition Opti-Beam reflectors. Extruded aluminium body and die-cast zamak technical dissipation unit. Thermoplastic ceiling rose with shaped steel fixing plate. PVC power/pendant cable in the same colour as the external finish. The cable connection on the pendant body is fitted with a manual adjustment system that facilitates alignment. ON-OFF driver integrated in luminaire body.

Installation

Ceiling rose with surface fixing plate (screws and screw anchors not included)

Dimension (mm)
63x63x300

Colour

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

Weight (Kg)
0.92

Mounting

ceiling pendant

Wiring

Connection terminal included on ceiling plate - the pendant cable can be adjusted on the pendant body

Complies with EN60598-1 and pertinent regulations



IP20



Product configuration: Q874

Product characteristics

Total lighting output [Lm]: 996
Total power [W]: 17.7
Luminous efficacy [Lm/W]: 56.3
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

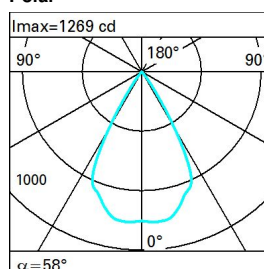
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: 230
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 15
Nominal luminous [Lm]: 1200
Lamp maximum intensity [cd]: /
Beam angle [°]: 58°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.7
Colour temperature [K]: 2700
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar

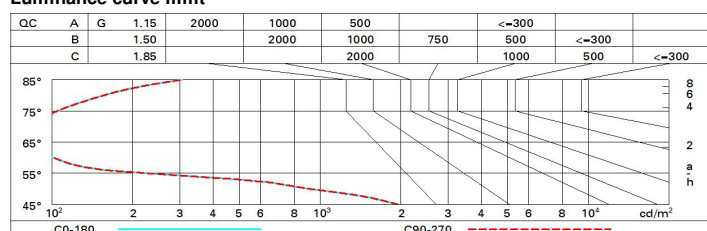
	Lux			
	h	d	Em	Emax
	1	1.1	1009	1259
	2	2.2	252	315
	3	3.3	112	140
$\alpha = 58^\circ$	4	4.4	63	79

CIE
nL 0.83
100-100-100-100-83
UGR 15.2-15.2
DIN
A.61
UTE
0.83A+0.00T
F*1=996
F*1+F*2=1000
F*1+F*2+F*3=1000
CIBSE
LG3 L<500 cd/m² at 65°

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	78	77	76	73	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1200 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/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	15.8	16.3	16.0	16.6	16.8	15.8	16.3	16.0	16.6	16.8
	3H	15.6	16.2	15.9	16.4	16.7	15.6	16.2	15.9	16.4	16.7
	4H	15.5	16.0	15.9	16.3	16.6	15.5	16.0	15.9	16.3	16.6
	6H	15.5	15.9	15.8	16.2	16.6	15.5	15.9	15.8	16.2	16.6
	8H	15.4	15.9	15.8	16.2	16.5	15.4	15.9	15.8	16.2	16.5
	12H	15.4	15.8	15.8	16.2	16.5	15.4	15.8	15.8	16.2	16.5
4H	2H	15.5	16.0	15.9	16.3	16.6	15.5	16.0	15.9	16.3	16.6
	3H	15.4	15.8	15.8	16.2	16.5	15.4	15.8	15.8	16.2	16.5
	4H	15.3	15.7	15.7	16.0	16.4	15.3	15.7	15.7	16.0	16.4
	6H	15.2	15.5	15.6	15.9	16.4	15.2	15.5	15.6	15.9	16.4
	8H	15.2	15.5	15.6	15.9	16.3	15.2	15.5	15.6	15.9	16.3
	12H	15.1	15.4	15.6	15.8	16.3	15.1	15.4	15.6	15.8	16.3
8H	4H	15.2	15.5	15.6	15.9	16.3	15.2	15.5	15.6	15.9	16.3
	6H	15.1	15.3	15.5	15.8	16.2	15.1	15.3	15.5	15.8	16.2
	8H	15.0	15.2	15.5	15.7	16.2	15.0	15.2	15.5	15.7	16.2
	12H	15.0	15.2	15.5	15.6	16.2	15.0	15.2	15.5	15.6	16.2
12H	4H	15.1	15.4	15.6	15.8	16.3	15.1	15.4	15.6	15.8	16.3
	6H	15.0	15.2	15.5	15.7	16.2	15.0	15.2	15.5	15.7	16.2
	8H	15.0	15.2	15.5	15.6	16.2	15.0	15.2	15.5	15.6	16.2
Variations with the observer position at spacing:											
S =		0.5 / -24.9					0.5 / -24.9				
		1.5H / -25.6					1.5H / -25.6				
		2.0H / -25.8					2.0H / -25.8				