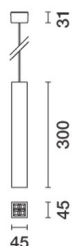
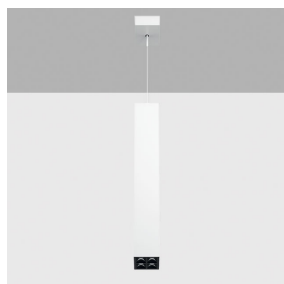


## Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: May 2018



### LB XS pendant HC - 4 cells - Wide Flood beam - integrated driver

#### Product code

Q870

#### Technical description

Pendant luminaire with 4 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)

45x45x300

#### Colour

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

#### Weight (Kg)

0.64

#### 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: Q870

#### Product characteristics

Total lighting output [Lm]: 548  
Total power [W]: 10.2  
Luminous efficacy [Lm/W]: 53.7  
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]: 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]: 7.9  
Nominal luminous [Lm]: 660  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 58°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2.3  
Colour temperature [K]: 3000  
CRI: 90  
Wavelength [Nm]: /  
MacAdam Step: 3

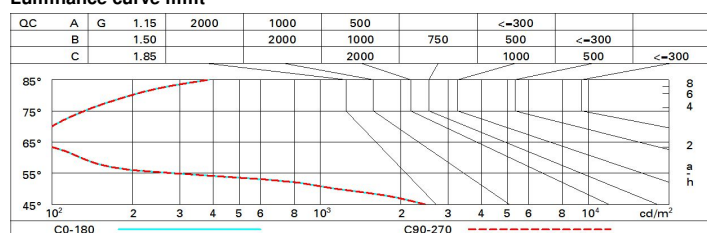
#### Polar

	CIE				Lux			
	nL 0.83 100-100-100-100-83 UGR 16.0-16.0				h	d	Em	Emax
	DIN A.61 UTE 0.83A+0.00T F*1=996 F*1+F*2=1000 F*1+F*2+F*3=1000				1	1.1	555	692
	CIBSE LG3 L<500 cd/m² at 65°				2	2.2	139	173
					3	3.3	62	77
					4	4.4	35	43

# 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 600 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	16.6	17.2	16.8	17.4	17.6	16.6	17.2	16.8	17.4	17.6
	3H	16.4	17.0	16.7	17.2	17.5	16.4	17.0	16.7	17.2	17.5
	4H	16.4	16.9	16.7	17.1	17.4	16.4	16.9	16.7	17.1	17.4
	6H	16.3	16.7	16.6	17.0	17.4	16.3	16.7	16.6	17.0	17.4
	8H	16.2	16.7	16.6	17.0	17.3	16.2	16.7	16.6	17.0	17.3
	12H	16.2	16.6	16.6	17.0	17.3	16.2	16.6	16.6	17.0	17.3
4H	2H	16.4	16.9	16.7	17.1	17.4	16.4	16.9	16.7	17.1	17.4
	3H	16.2	16.6	16.6	17.0	17.3	16.2	16.6	16.6	17.0	17.3
	4H	16.1	16.5	16.5	16.8	17.2	16.1	16.5	16.5	16.8	17.2
	6H	16.0	16.3	16.4	16.7	17.2	16.0	16.3	16.4	16.7	17.2
	8H	16.0	16.3	16.4	16.7	17.1	16.0	16.3	16.4	16.7	17.1
	12H	15.9	16.2	16.4	16.6	17.1	15.9	16.2	16.4	16.6	17.1
8H	4H	16.0	16.3	16.4	16.7	17.1	16.0	16.3	16.4	16.7	17.1
	6H	15.9	16.1	16.4	16.6	17.0	15.9	16.1	16.4	16.6	17.0
	8H	15.8	16.0	16.3	16.5	17.0	15.8	16.0	16.3	16.5	17.0
	12H	15.8	16.0	16.3	16.4	17.0	15.8	16.0	16.3	16.4	17.0
12H	4H	15.9	16.2	16.4	16.6	17.1	15.9	16.2	16.4	16.6	17.1
	6H	15.8	16.0	16.3	16.5	17.0	15.8	16.0	16.3	16.5	17.0
	8H	15.8	16.0	16.3	16.4	17.0	15.8	16.0	16.3	16.4	17.0
Variations with the observer position at spacing:											
S =		1.0H	0.5 / -24.9				0.5 / -24.9				
		1.5H	9.4 / -25.6				9.4 / -25.6				
		2.0H	11.4 / -25.8				11.4 / -25.8				