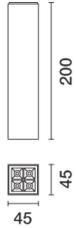
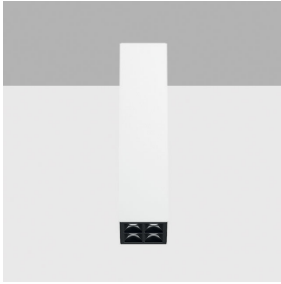


## Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: May 2018



### Ceiling-mounted LB XS square HC - 4 cells - Wide Flood beam - integrated driver

**Product code**  
Q857

#### Technical description

Ceiling-mounted luminaire with 4 optical 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 body - die-cast zamak technical dissipation unit - shaped steel fixing plate. ON-OFF driver integrated in luminaire body.

#### Installation

Ceiling-mounted with surface fixing plate (screws and screw anchors not included) - external locking system.

**Dimension (mm)**  
45x45x200

#### Colour

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

**Weight (Kg)**  
0.41

#### 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: Q857

#### Product characteristics

Total lighting output [Lm]: 614  
Total power [W]: 10.2  
Luminous efficacy [Lm/W]: 60.2  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

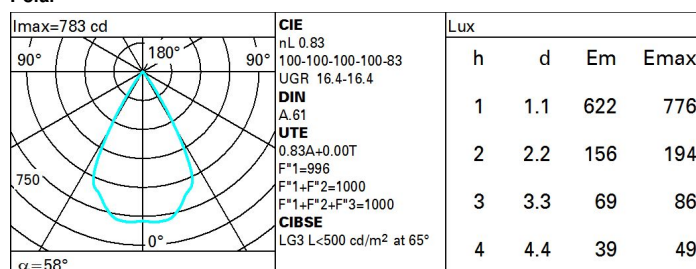
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: 230  
Number of optical assemblies: 1

#### 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]: 740  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 58°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2.3  
Colour temperature [K]: 4000  
CRI: 90  
Wavelength [Nm]: /  
MacAdam Step: 3

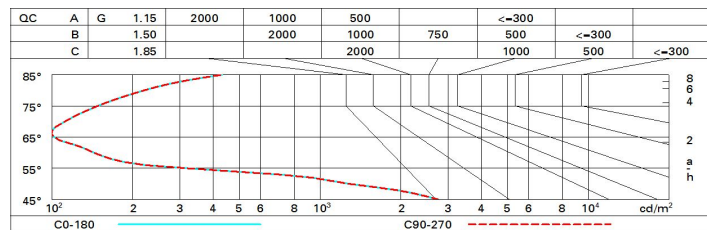
#### Polar



# 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 740 lm bare lamp luminous flux)												
Reflect.:												
ceiling		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	17.0	17.6	17.2	17.8	18.0	17.0	17.6	17.2	17.8	18.0	
	3H	16.8	17.4	17.1	17.6	17.9	16.8	17.4	17.1	17.6	17.9	
	4H	16.8	17.2	17.1	17.5	17.8	16.8	17.2	17.1	17.5	17.8	
	6H	16.7	17.1	17.0	17.4	17.8	16.7	17.1	17.0	17.4	17.8	
	8H	16.6	17.1	17.0	17.4	17.7	16.6	17.1	17.0	17.4	17.7	
	12H	16.6	17.0	17.0	17.4	17.7	16.6	17.0	17.0	17.4	17.7	
4H	2H	16.8	17.2	17.1	17.5	17.8	16.8	17.2	17.1	17.5	17.8	
	3H	16.6	17.0	17.0	17.4	17.7	16.6	17.0	17.0	17.4	17.7	
	4H	16.5	16.9	16.9	17.2	17.6	16.5	16.9	16.9	17.2	17.6	
	6H	16.4	16.7	16.8	17.1	17.6	16.4	16.7	16.8	17.1	17.6	
	8H	16.4	16.7	16.8	17.1	17.5	16.4	16.7	16.8	17.1	17.5	
	12H	16.3	16.6	16.8	17.0	17.5	16.3	16.6	16.8	17.0	17.5	
8H	4H	16.4	16.7	16.8	17.1	17.5	16.4	16.7	16.8	17.1	17.5	
	6H	16.3	16.5	16.7	17.0	17.4	16.3	16.5	16.7	17.0	17.4	
	8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	
	12H	16.2	16.4	16.7	16.8	17.4	16.2	16.4	16.7	16.8	17.4	
12H	4H	16.3	16.6	16.8	17.0	17.5	16.3	16.6	16.8	17.0	17.5	
	6H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	
	8H	16.2	16.4	16.7	16.8	17.4	16.2	16.4	16.7	16.8	17.4	
Variations with the observer position at spacing:												
S =		0.5 / -24.9					0.5 / -24.9					
		1.5H					9.4 / -25.6					
		2.0H					11.4 / -25.8					