

## Laser Blade XS

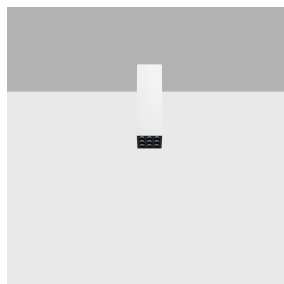
Design iGuzzini

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### Product configuration: Q860

Q860: Ceiling-mounted LB XS P square HC - 9 cells - Wide Flood beam - integrated driver



### Product code

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### Technical description

Ceiling-mounted luminaire with 9 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.

### 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)

0.66

\* 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

Im system:	1536	CRI (minimum):	90
W system:	17.7	Colour temperature [K]:	4000
Im source:	1850	MacAdam Step:	2
W source:	15	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	86.8	Voltage [Vin]:	230
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	83	ZVEI Code:	LED
Beam angle [°]:	58°	Number of optical assemblies:	1

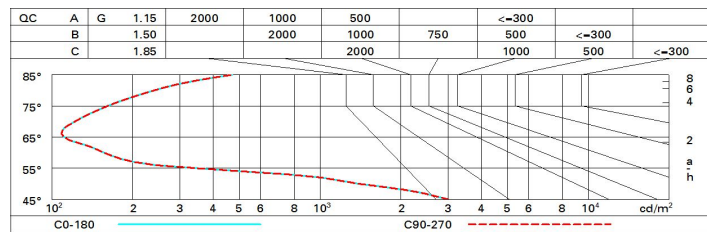
### Polar

	<b>CIE</b> nL 0.83 100-100-100-100-83 UGR 16.7-16.7 <b>DIN</b> A.61 <b>UTE</b> 0.83A+0.00T F*1=996 F*1+F*2=1000 F*1+F*2+F*3=1000 <b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<19   L<1500 cd/mq @65°			
	h	d	Em	E <sub>max</sub>
	2	2.2	389	485
	4	4.4	97	121
	6	6.7	43	54
	8	8.9	24	30

# 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 1850 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	17.3	17.9	17.5	18.1	18.3	17.3	17.9	17.5	18.1	18.3
	3H	17.1	17.7	17.4	17.9	18.2	17.1	17.7	17.4	17.9	18.2
	4H	17.1	17.5	17.4	17.8	18.1	17.1	17.5	17.4	17.8	18.1
	6H	17.0	17.4	17.3	17.7	18.1	17.0	17.4	17.3	17.7	18.1
	8H	16.9	17.4	17.3	17.7	18.0	16.9	17.4	17.3	17.7	18.0
	12H	16.9	17.3	17.3	17.7	18.0	16.9	17.3	17.3	17.7	18.0
4H	2H	17.1	17.5	17.4	17.8	18.1	17.1	17.5	17.4	17.8	18.1
	3H	16.9	17.3	17.3	17.7	18.0	16.9	17.3	17.3	17.7	18.0
	4H	16.8	17.2	17.2	17.5	17.9	16.8	17.2	17.2	17.5	17.9
	6H	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.9
	8H	16.7	17.0	17.1	17.4	17.8	16.7	17.0	17.1	17.4	17.8
	12H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
8H	4H	16.7	17.0	17.1	17.4	17.8	16.7	17.0	17.1	17.4	17.8
	6H	16.6	16.8	17.0	17.3	17.7	16.6	16.8	17.0	17.3	17.7
	8H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
	12H	16.5	16.7	17.0	17.1	17.7	16.5	16.7	17.0	17.1	17.7
12H	4H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
	6H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
	8H	16.5	16.7	17.0	17.1	17.7	16.5	16.7	17.0	17.1	17.7
Variations with the observer position at spacing:											
S =	1.0H	6.5 / -24.9					6.5 / -24.9				
	1.5H	9.4 / -25.6					9.4 / -25.6				
	2.0H	11.4 / -25.8					11.4 / -25.8				