Laser Blade XS

Design iGuzzini

iGuzzini

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Frame 15 cells - Wideflood beam - LED

Product code

Q521

Technical description

Linear miniaturised recessed luminaire with 15 optical elements for LED lamps - fixed optics. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen. Supplied with DALI power supply unit connected to the luminaire.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 276.



Dimension (mm)

280x28x50

Colour

White (01) | White/Brass (41) | Black/Black (43) | Black/White (47) | Grey/Black (74) | (E7)

Weight (Kg)

0.75

Mounting

wall recessed|ceiling recessed

Wiring

On the power supply unit with terminal board included.

Notes















Complies with EN60598-1 and pertinent regulations

Product configuration: Q521

Product characteristics

Total lighting output [Lm]: 1785 Total power [W]: 33

Luminous efficacy [Lm/W]: 54.1

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]: 29 Nominal luminous [Lm]: 2150

Lamp maximum intensity [cd]: /

Beam angle [°]: 58°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 4 Colour temperature [K]: 2700

CRI: 90

Wavelength [Nm]: / MacAdam Step: 3

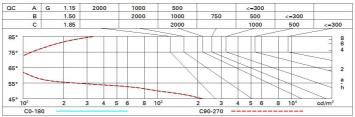
Polar

Imax=2274 cd	CIE	Lux			
90°		h	d	Em	Emax
	UGR 15.6-15.6 DIN A.61 UTE	2	2.2	452	564
	0.83A+0.00T F"1=996	4	4.4	113	141
2500	F"1+F"2=1000 F"1+F"2+F"3=1000	6	6.7	50	63
α=58°	LG3 L<500 cd/m ² at 65°	8	8.9	28	35

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

2H 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.70 0.50 0.20 16.1 16.0 15.9 15.8 15.8	0.70 0.30 0.20 16.6 16.4 16.3 16.2 16.2 16.1	0.50 0.50 0.20 viewed roosswis 16.4 16.3 16.3 16.2 16.2 16.2		0.30 0.30 0.20 17.1 17.0 16.9 16.8 16.8	0.70 0.50 0.20 16.1 16.0 15.9 15.8 15.8	0.70 0.30 0.20 16.6 16.4 16.3 16.2 16.2 16.1	0.50 0.50 0.20 viewed endwise 16.4 16.3 16.3 16.2 16.2	0.50 0.30 0.20 16.8 16.7 16.6 16.5 16.5 16.5	0.30 0.30 0.20 17.1 17.0 16.9 16.8 16.8
work pl. Room di x 2H : (((((((((((((((((((2H 3H 4H 6H 8H 12H 2H 3H 4H	16.1 16.0 15.9 15.8 15.8 15.8	16.6 16.4 16.3 16.2 16.2 16.1	0.20 viewed crosswis 16.4 16.3 16.2 16.2 16.2 16.2	0.20 e 16.8 16.7 16.6 16.5 16.5	17.1 17.0 16.9 16.8 16.8	16.1 16.0 15.9 15.8 15.8	16.6 16.4 16.3 16.2 16.2	0.20 viewed endwise 16.4 16.3 16.3 16.2 16.2	16.8 16.7 16.6 16.5 16.5	17.1 17.0 16.9 16.8 16.8
Room di x	2H 3H 4H 6H 8H 12H 2H 3H 4H	16.1 16.0 15.9 15.8 15.8 15.8	16.6 16.4 16.3 16.2 16.2 16.1	16.4 16.3 16.2 16.2 16.2 16.3 16.2	16.8 16.7 16.6 16.5 16.5	17.1 17.0 16.9 16.8 16.8	16.1 16.0 15.9 15.9 15.8 15.8	16.6 16.4 16.3 16.2 16.2	16.4 16.3 16.3 16.2 16.2	16.8 16.7 16.6 16.5 16.5	17.1 17.0 16.9 16.8 16.8
X 2H 2 3 4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	y 2H 3H 4H 6H 8H 12H 2H 3H 4H	16.0 15.9 15.8 15.8 15.8 15.8	16.6 16.4 16.3 16.2 16.2 16.1	16.4 16.3 16.3 16.2 16.2 16.2	16.8 16.7 16.6 16.5 16.5 16.5	17.0 16.9 16.9 16.8 16.8	16.0 15.9 15.9 15.8 15.8	16.6 16.4 16.3 16.2 16.2	16.4 16.3 16.3 16.2 16.2	16.8 16.7 16.6 16.5 16.5	17.0 16.9 16.9 16.8 16.8
2H 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2H 3H 4H 6H 8H 12H 2H 3H 4H	16.0 15.9 15.8 15.8 15.8 15.8	16.6 16.4 16.3 16.2 16.2 16.1	16.4 16.3 16.3 16.2 16.2 16.2	16.8 16.7 16.6 16.5 16.5 16.5	17.0 16.9 16.9 16.8 16.8	16.0 15.9 15.9 15.8 15.8	16.6 16.4 16.3 16.2 16.2	16.4 16.3 16.3 16.2 16.2	16.8 16.7 16.6 16.5 16.5	17.0 16.9 16.9 16.8 16.8
4H : (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	3H 4H 6H 8H 12H 2H 3H 4H	16.0 15.9 15.8 15.8 15.8 15.8	16.4 16.3 16.2 16.2 16.1	16.3 16.2 16.2 16.2 16.2	16.7 16.6 16.5 16.5 16.5	17.0 16.9 16.9 16.8 16.8	16.0 15.9 15.9 15.8 15.8	16.4 16.3 16.2 16.2 16.1	16.3 16.3 16.2 16.2 16.2	16.7 16.6 16.5 16.5 16.5	17.0 16.9 16.9 16.8 16.8
11. 44H 2. 44H 2	4H 6H 8H 12H 2H 3H 4H	15.9 15.8 15.8 15.8 15.9 15.9 15.7	16.3 16.2 16.2 16.1 16.3 16.1	16.3 16.2 16.2 16.2 16.3 16.2	16.6 16.5 16.5 16.5	16.9 16.8 16.8 16.8	15.9 15.9 15.8 15.8	16.3 16.2 16.2 16.1	16.3 16.2 16.2 16.2	16.6 16.5 16.5 16.5	16.9 16.9 16.8 16.8
4H 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6H 8H 12H 2H 3H 4H	15.9 15.8 15.8 15.9 15.8 15.7	16.2 16.2 16.1 16.3 16.1	16.2 16.2 16.2 16.3 16.2	16.5 16.5 16.5	16.9 16.8 16.8	15.9 15.8 15.8	16.2 16.2 16.1	16.2 16.2 16.2	16.5 16.5 16.5	16.9 16.8 16.8
8 1:	2H 3H 4H	15.8 15.8 15.9 15.8 15.7	16.2 16.1 16.3 16.1	16.2 16.2 16.3 16.2	16.5 16.5	16.8 16.8 16.9	15.8 15.8 15.9	16.2 16.1	16.2 16.2	16.5 16.5	16.8 16.8
1: 4H : 3 (12 H 2 H 3 H 4 H	15.8 15.9 15.8 15.7	16.1 16.3 16.1	16.2 16.3 16.2	16.5 16.6	16.8 16.9	15.8 15.9	16.1	16.2	16.5	16.8
4H 3	2H 3H 4H	15.9 15.8 15.7	16.3 16.1	16.3 16.2	16.6	16.9	15.9	C. (1997)	0.000	12 (M. 10)	ABSSA
8H (3H 4H	15.8 15.7	16.1	16.2				16.3	16.3	16.6	92828
1: 88H	4H	15.7			16.5	18 0				10.0	16.9
8H 4		10 To	16.0			10.6	15.8	16.1	16.2	16.5	16.8
8H - 6 81 - 1.	бН	45 0		16.1	16.4	16.7	15.7	16.0	16.1	16.4	16.
1: 8H 4 6 8		15.6	15.9	16.0	16.3	16.7	15.6	15.9	16.0	16.3	16.7
8H (HS	15.6	15.8	16.0	16.2	16.6	15.6	15.8	16.0	16.2	16.6
1:	12H	15.5	15.7	16.0	16.1	16.6	15.5	15.7	16.0	16.1	16.6
1:	4H	15.6	15.8	16.0	16.2	16.6	15.6	15.8	16.0	16.2	16.6
1:	6H	15.5	15.7	15.9	16.1	16.6	15.5	15.7	15.9	16.1	16.
	HS	15.4	15.6	15.9	16.0	16.5	15.4	15.6	15.9	16.0	16.5
2H	12H	15.3	15.5	15.8	16.0	16.5	15.3	15.5	15.8	16.0	16.5
	4H	15.5	15.7	16.0	16.1	16.6	15.5	15.7	16.0	16.1	16.0
(бН	15.4	15.6	15.9	16.0	16.5	15.4	15.6	15.9	16.0	16.5
8	HS	15.3	15.5	15.8	16.0	16.5	15.3	15.5	15.8	16.0	16.5
Variation	ns wi	th the ob	oserverp	noition	at spacin	ıg:					
	1.0H			5 / -24			6.5 / -24.9				
1.		9.4 / -25.6					9.4 / -25.6				