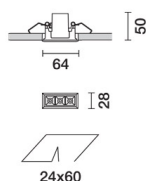
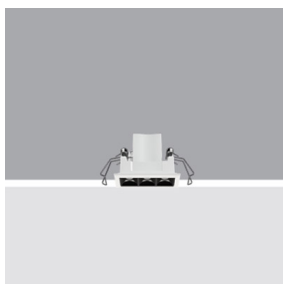


Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: June 2018



Frame 3 cells - Flood beam - LED

Product code

Q474

Technical description

Linear miniaturised recessed luminaire with 3 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 zamak 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. Ballast not included, available with separate code.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 60.

Dimension (mm)

64x28x50

Colour

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

Weight (Kg)

0.15

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts to be ordered separately: ON-OFF - code no. MXF9 (min 1 / max 2); dimmable DALI - code no. BZM4 (min 1 / max 6) - check the instruction sheet for the lengths and compatible cross-sections of the cables to be used.

Notes

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Complies with EN60598-1 and pertinent regulations



IP20



Product configuration: Q474

Product characteristics

Total lighting output [Lm]: 374
Total power [W]: 5.9
Luminous efficacy [Lm/W]: 63.3
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]: -
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]: 5.9
Nominal luminous [Lm]: 450
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 2700
CRI: 90
Wavelength [nm]: /
MacAdam Step: 3

	CIE nL 0.83 100-100-100-100-83 UGR <10-<10 DIN A.61 UTE 0.83A+0.00T F*1=999 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 L<500 cd/m ² at 65°	Lux				

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	80	77	76	79	77	76	74	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	87	85	83	100

QC	A	G	1.15	2000	1000	500	<~300		
	B		1.50		2000	1000	750	500	<~300
	C		1.85			2000		1000	500

85°
75°
65°
55°
45°

10² 2 3 4 5 6 8 10³ 2 3 4 5 6 8 10⁴ cd/m²

C0-180 C90-270 C0-180

UGR diagram

Corrected UGR values (at 450 lm bare lamp luminous flux)												
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	6.5	7.0	6.8	7.2	7.5	6.5	7.0	6.8	7.2	7.5	7.5
	3H	6.4	6.8	6.7	7.1	7.4	6.4	6.8	6.7	7.1	7.4	7.4
	4H	6.3	6.7	6.7	7.0	7.3	6.3	6.7	6.7	7.0	7.3	7.3
	6H	6.3	6.6	6.6	7.0	7.3	6.3	6.6	6.6	6.9	7.3	7.3
	8H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.2	7.2
	12H	6.2	6.5	6.6	6.9	7.2	6.2	6.5	6.6	6.9	7.2	7.2
4H	2H	6.3	6.7	6.7	7.0	7.3	6.3	6.7	6.7	7.0	7.3	7.3
	3H	6.2	6.5	6.6	6.9	7.2	6.2	6.5	6.6	6.9	7.2	7.2
	4H	6.1	6.4	6.5	6.8	7.2	6.1	6.4	6.5	6.8	7.2	7.2
	6H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.1	7.1
	8H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1	7.1
	12H	5.9	6.2	6.4	6.6	7.0	5.9	6.1	6.4	6.6	7.0	7.0
8H	4H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1	7.1
	6H	5.9	6.1	6.3	6.5	7.0	5.9	6.1	6.3	6.5	7.0	7.0
	8H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0	7.0
	12H	5.8	5.9	6.3	6.4	6.9	5.8	5.9	6.3	6.4	6.9	6.9
12H	4H	5.9	6.1	6.4	6.6	7.0	5.9	6.2	6.4	6.6	7.0	7.0
	6H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0	7.0
	8H	5.8	5.9	6.3	6.4	6.9	5.8	5.9	6.3	6.4	6.9	6.9
Variations with the observer position at spacing:												
S =		1.0H	7.0 / -14.5					7.0 / -14.5				
		1.5H	9.8 / -14.7					9.8 / -14.7				
		2.0H	11.8 / -14.8					11.8 / -14.8				