

## Laser Blade XS

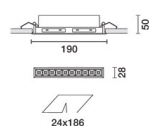
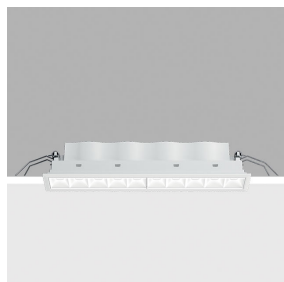
Design iGuzzini

iGuzzini

Last information update: June 2025

### Product configuration: Q954

Q954: Frame recessed luminaire - 10 cells - General Lighting Pro - DALI



### Product code

Q954: Frame recessed luminaire - 10 cells - General Lighting Pro - DALI

### Technical description

Rectangular recessed miniaturised luminaire with 10 optical elements for LED sources - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors, integrated in a set-back position in the anti-glare screen. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Despite the ultracompact size of the product, the combination of a total white finish and the patented technology of the optic system guarantees an even and efficient luminous flux optimised by a special diffuser screen that reduces direct glare significantly. Supplied with DALI dimmable electronic power supply connected to the luminaire.

### Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 186.

### Colour

White (01)

### Weight (Kg)

0.55

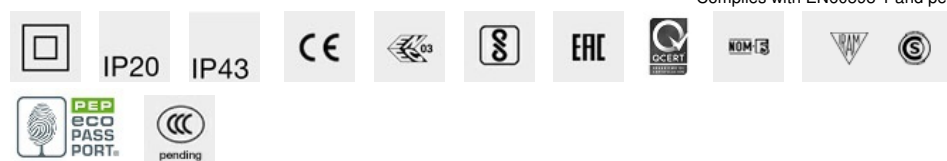
### Mounting

wall recessed|ceiling recessed

### Wiring

On power supply; quick-coupling connection

Complies with EN60598-1 and pertinent regulations



### Technical data

lm system:	1277	Colour temperature [K]:	3000
W system:	23.1	MacAdam Step:	2
lm source:	1850	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	20	Lamp code:	LED
Luminous efficiency (lm/W, real value):	55.3	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	69	Control:	DALI-2
CRI (minimum):	90		

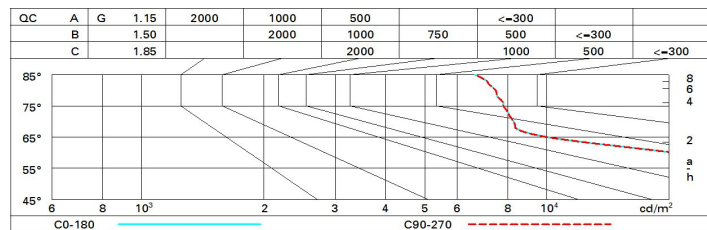
### Polar

Imax=1533 cd		CIE nL 0.69 88-98-100-100-69 UGR 21.9-21.8 DIN A.61 UTE 0.69A+0.00T F*1=877 F*1+F*2=981 F*1+F*2+F*3=997	Lux			
90°	180°		h	d	Em	E <sub>max</sub>
			1	1	1137	1533
			2	2	284	383
			3	3.1	126	170
			4	4.1	71	96
α=54°						

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	54	51	49	54	51	51	48	69
1.0	62	58	55	53	57	55	54	52	75
1.5	66	63	61	59	62	60	60	57	83
2.0	69	66	65	63	65	64	63	61	88
2.5	70	68	67	66	67	66	65	63	92
3.0	71	70	69	68	69	68	67	65	94
4.0	72	71	70	70	70	69	68	66	96
5.0	73	72	71	71	71	70	69	67	97

# 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				
2H	2H	21.9	22.6	22.2	22.8	23.0	21.9	22.6	22.2	22.8	23.0
	3H	21.9	22.5	22.2	22.7	23.0	21.9	22.5	22.2	22.8	23.0
	4H	21.9	22.4	22.2	22.7	23.0	21.9	22.4	22.2	22.7	23.0
	6H	21.9	22.4	22.2	22.7	23.0	21.8	22.3	22.2	22.6	22.9
	8H	21.8	22.3	22.2	22.7	23.0	21.8	22.2	22.1	22.6	22.9
	12H	21.8	22.3	22.2	22.6	23.0	21.7	22.2	22.1	22.5	22.9
4H	2H	21.9	22.4	22.2	22.7	23.0	21.9	22.4	22.2	22.7	23.0
	3H	21.9	22.3	22.2	22.7	23.0	21.9	22.4	22.3	22.7	23.1
	4H	21.9	22.3	22.3	22.6	23.0	21.9	22.3	22.3	22.6	23.0
	6H	21.9	22.2	22.3	22.6	23.1	21.8	22.2	22.3	22.6	23.0
	8H	21.9	22.2	22.3	22.6	23.1	21.8	22.1	22.2	22.5	23.0
	12H	21.9	22.2	22.3	22.6	23.0	21.8	22.0	22.2	22.5	22.9
8H	4H	21.8	22.1	22.2	22.5	23.0	21.9	22.2	22.3	22.6	23.1
	6H	21.8	22.1	22.3	22.6	23.0	21.9	22.1	22.3	22.6	23.1
	8H	21.8	22.1	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
	12H	21.9	22.1	22.4	22.5	23.1	21.8	22.0	22.3	22.5	23.0
12H	4H	21.8	22.0	22.2	22.5	22.9	21.9	22.2	22.3	22.6	23.0
	6H	21.8	22.0	22.3	22.5	23.0	21.9	22.1	22.3	22.6	23.1
	8H	21.8	22.0	22.3	22.5	23.0	21.9	22.1	22.4	22.5	23.1
Variations with the observer position at spacing:											
S =	1.0H	2.4 / -2.2					2.4 / -2.2				
	1.5H	4.5 / -4.7					4.5 / -4.7				
	2.0H	6.3 / -6.0					6.3 / -6.0				