

## Laser Blade XL

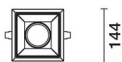
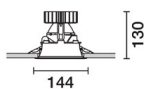
Design iGuzzini

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Last information update: June 2025

### Product configuration: P763.43

P763.43: Frame adjustable recessed luminaire - Warm LED - DALI dimmable control gear - SuperSpot - Black / Black



### Product code

P763.43: Frame adjustable recessed luminaire - Warm LED - DALI dimmable control gear - SuperSpot - Black / Black

### Technical description

Adjustable optic, recessed luminaire for a Warm White LED lamp with a high color rendering index. Passive heat dissipation system. The adjustable body can turn in a set-back position in relation to the flush-mounted recessed housing to ensure precise lighting that reduces direct glare significantly. Internal rotation of 358° and a tilting movement of 35° with mechanical locking systems for both movements. Fixed recessed luminaire in die-cast aluminium with a perimeter surface frame. The adjustable unit includes a radiant element in aluminium, with a steel coupling for the optic unit and a thermoplastic rotation locknut. Thermoplastic anti-glare external screen. OPTI BEAM LENS lighting system with hi-tech optic lens that creates a particularly well-defined light beam. When this is combined with OPTI BEAM REFRACTOR accessory screens, alternative light beam opening values can be obtained. Supplied with a dimmable DALI ballast unit connected to the luminaire.

### Installation

Recessed with steel torsion springs for false ceilings from 1 to 25 mm thick - preparation hole 125 x 125. Installation possible in a horizontal position.

### Weight (Kg)

0.96

### Mounting

ceiling recessed

### Wiring

Quick-coupling connections on the ballast unit terminal block - Digital electronic cabling that allows dimming to be performed with DALI protocol or pushbutton systems (TOUCH DIM)

### Notes

Technical and decorative accessories available; with the option of installing an Opti Beam Refractor screen together with a standard accessory. The product has a white finish (01) that maintains its UGR < 19 performance unaltered even when luminance values vary slightly.

Complies with EN60598-1 and pertinent regulations



### Technical data

lm system:	676	CRI (minimum):	90
W system:	15.7	Colour temperature [K]:	2700
lm source:	1380	MacAdam Step:	2
W source:	14	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	43.1	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	49	Number of optical assemblies:	1
Beam angle [°]:	10°	Control:	DALI

### Polar

Imax=20304 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	0.3	3794 5076
			4	0.6	948 1269
			6	0.9	422 564
			8	1.3	237 317
$\alpha = 9^\circ / 10^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	42	40	39	42	40	40	38	78
1.0	46	44	43	42	44	42	42	41	83
1.5	48	47	46	45	46	45	45	43	88
2.0	50	49	48	47	48	47	47	45	93
2.5	51	50	49	49	49	49	48	47	96
3.0	51	51	50	50	50	50	49	48	98
4.0	52	52	51	51	51	51	50	49	99
5.0	52	52	52	52	51	51	50	49	100

Luminance curve limit

