

Laser Blade XL

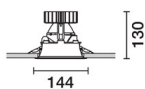
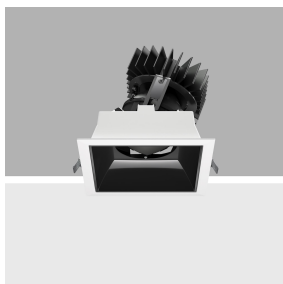
Design iGuzzini

iGuzzini

Last information update: December 2024

Product configuration: P759.47

P759.47: Frame adjustable recessed luminaire - Warm LED - DALI dimmable control gear - SuperSpot - Black / White



Product code

P759.47: Frame adjustable recessed luminaire - Warm LED - DALI dimmable control gear - SuperSpot - Black / White

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.

Colour

Black / White (47)

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



IP20

IP23

On the visible part of the product once installed



Technical data

lm system:	715	CRI (minimum):	90
W system:	15.7	Colour temperature [K]:	3000
lm source:	1460	MacAdam Step:	2
W source:	14	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	45.6	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-2

Polar

Imax=21481 cd		Lux			
90°	180°	h	d	Em	Emax
		2	0.3	4014	5370
		4	0.6	1003	1343
		6	0.9	446	597
		8	1.3	251	336
$\alpha = 9^\circ / 10^\circ$					

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

