Laser Blade

Design iGuzzini **iGuzzini**

Last information update: October 2024

Product configuration: P594
P594: 10 - cell Recessed luminaire - LED - Warm white - Spot optic

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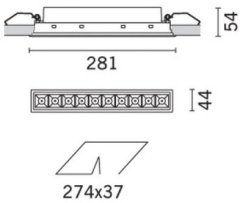
Technical description
rectangular miniaturised recessed luminaire with 10 optical elements with LED lamps - fixed optics - spot beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare . Warm white high colour rendering LED

Installation
recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 274

Colour
White (01) | Black / Black (43) | Black / White (47)

Weight (Kg)
0.6



Mounting
wall recessed|ceiling recessed

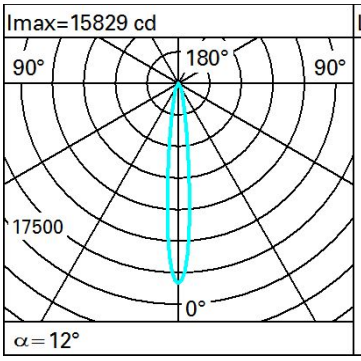
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	1462	CRI (typical):	97
W system:	21	Colour temperature [K]:	3000
lm source:	1850	MacAdam Step:	3
W source:	21	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	69.6	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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	LED current [mA]:	700
CRI (minimum):	95		

Polar



Lux

h	d	Em	Emax
2	0.4	3155	3957
4	0.8	789	989
6	1.3	351	440
8	1.7	197	247

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	71	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit