Laser Blade L

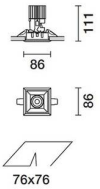
Design iGuzzini **iGuzzini**

Last information update: May 2018

Frame Adjustable Recessed Luminaire - Warm White LED - Spot beam - ON-OFF

Product code
P723

Technical description
Recessed luminaire with adjustable optic for warm white LED with high colour rendering index. Passive cooling system. Adjustable body can be rotated within the recess to ensure precise lighting and considerably reduced direct glare. 355° internal rotation and max 30° oscillation with continuous friction. Fixed recess structure in die-cast aluminium with perimeter stop frame. The recessed luminaire includes a radiant aluminium element, a steel junction for the optical assembly and a thermoplastic rotation ring. Advanced technology OPTI BEAM LENS provides a fine and well defined beam. External thermoplastic anti-glare screen. Supplied with electronic power supply unit connected to the luminaire.



Installation
Recessed with torsional steel springs - 1 mm minimum thickness of false ceiling - recess opening 76 x 76 mm.

Dimension (mm)
86x86x111

Colour
White (01) | Black/Black (43) | Black/White (47) | Grey/Black (74)

Weight (Kg)
0.53

Mounting
wall recessed|ceiling recessed

Wiring
Quick-fit power supply connection to terminal block.

Notes
Vast range of technical and decorative accessories available; option to install 2 accessories at the same time.

Complies with EN60598-1 and pertinent regulations

IP20 IP23 On the visible part of the product once installed

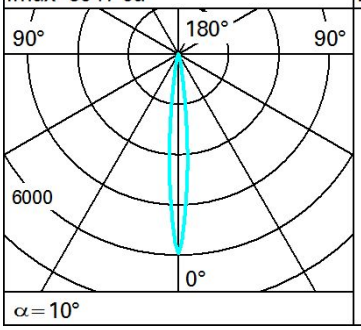
Product configuration: P723.01

Product characteristics
Total lighting output [Lm]: 305
Total power [W]: 8.2
Luminous efficacy [Lm/W]: 37.2
Life Time: > 50,000h - L90 - 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.) [%]: 61
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 6.1
Nominal luminous [Lm]: 500
Lamp maximum intensity [cd]: /
Beam angle [°]: 10°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.1
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar

Imax=5947 cd



$\alpha = 10°$

Lux

h	d	Em	Emax
2	0.3	1127	1487
4	0.7	282	372
6	1	125	165
8	1.4	70	93

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	52	50	49	52	50	50	48	78
1.0	57	55	53	52	54	53	52	50	83
1.5	60	58	57	56	58	56	56	54	89
2.0	62	61	60	59	60	59	58	57	93
2.5	63	62	61	61	61	61	60	58	96
3.0	64	63	63	62	62	62	61	60	98
4.0	65	64	64	64	63	63	62	61	99
5.0	65	65	65	64	64	64	63	61	100

Luminance curve limit