Laser Blade

Design iGuzzini **iGuzzini**

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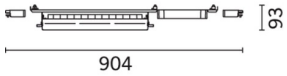
Adjustable 15 - cell module - LED - Incorporated DALI dimmable power supply - Warm white - Beam 12°

Product code
MU85

Technical description
Adjustable linear module with LEDs, specifically designed to be housed in the Laser Blade System channel. The steel coupling plate includes the lighting group and the operating components. Module with 15 lighting cells, in die-cast aluminium, adjustable with a practical extraction and rotation system with max inclination +/- 45°. 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 luminance .

Installation
Double rotating pin blocking system with return spring to facilitate the insertion in the profile seating. Can be manoeuvred with a screwdriver.



Dimension (mm)
904x93

Colour
Black (04)

Weight (Kg)
1.7

Mounting
ceiling recessed

Wiring
The module is fitted with connectors on both sides for connecting with subsequent modules. For connections at greater distances, there are accessory connectors (code MXN6 - cables not included).

Notes
dimming function with pushbutton (TOUCH DIM/PUSH): for this option consult the instructions included in the package

Complies with EN60598-1 and pertinent regulations

IP20

Product configuration: MU85

Product characteristics

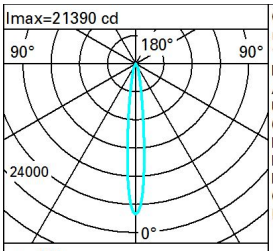
Total lighting output [Lm]: 1975	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 35	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 56.4	Voltage [V]: -
Life Time: 50,000h - L90 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 79	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 4
Nominal power [W]: 31	Colour temperature [K]: 3000
Nominal luminous [Lm]: 2500	CRI: 95
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 12°	MacAdam Step: 3

Polar

Imax=21390 cd



α = 12°

CIE
nL 0.79
100-100-100-100-79
DIN
A.61
UTE
0.79A+0.00T
F"1=1000
F"1+F"2=1000
F"1+F"2+F"3=1000
CIBSE
LG3 L<200 cd/m² at 65°

Lux

h	d	Em	Emax
2	0.4	4264	5348
4	0.8	1066	1337
6	1.3	474	594
8	1.7	267	334

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