

## Laser Blade

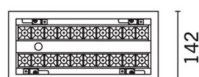
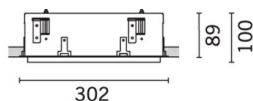
Design iGuzzini

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Last information update: April 2025

### Product configuration: MU80

MU80: Adjustable 2 x 10 - cell Recessed frame - LED - Warm white - Incorporated DALI dimmable power supply - Spot Beam



### Product code

MU80: Adjustable 2 x 10 - cell Recessed frame - LED - Warm white - Incorporated DALI dimmable power supply - Spot Beam

### Technical description

Recessed rectangular luminaire with LEDs. Shaped steel sheet structural compartment with outer rim. The two linear elements with 10 lighting cells, in die-cast aluminium and independently adjustable, can be used to direct the emission with a tilting adjustability of +/- 30°. 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. Supplied with DALI dimmable control gear connected to the luminaire. Warm white high chromatic yield LED.

### Installation

recessed with mechanical blocking system for false ceilings from 1 to 25 mm; can be installed on ceilings and walls (vertical + horizontal) - preparation slot 135 x 295

### Colour

Black / Black (43) | Black / White (47) | Grey / Black (74)\*

### Weight (Kg)

2.8

\* Colours on request

### Mounting

wall recessed/ceiling recessed

### Wiring

on power box: screw connections

### Notes

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

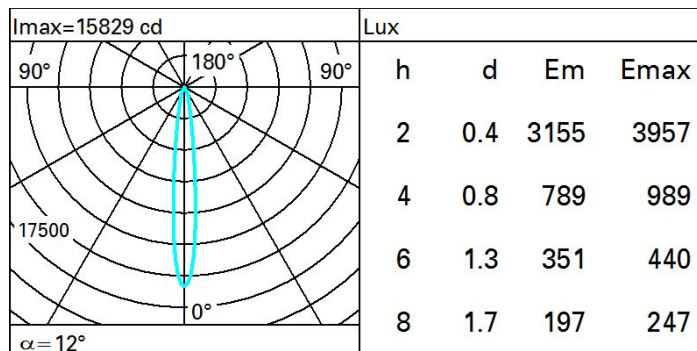
Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	2923	MacAdam Step:	3
W system:	46.5	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Im source:	1850	Lamp code:	LED
W source:	20	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	62.9	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	2
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	79	Inrush current:	10 A / 200 µs
Beam angle [°]:	12°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
CRI (minimum):	95	Minimum dimming %:	1
CRI (typical):	97	Overvoltage protection:	4kV Common mode & 4kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2

### Polar



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

