

Laser Blade

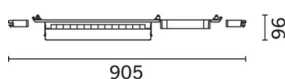
Design iGuzzini

iGuzzini

Last information update: April 2024

Product configuration: MT89

MT89: wall washer fixed module - LED - neutral white - integrated DALI dimmable control gear



Product code

MT89: wall washer fixed module - LED - neutral white - integrated DALI dimmable control gear **Attention! Code no longer in production**

Technical description

Fixed 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. Asymmetrical optic system designed to achieve an effective wall washer distribution. Flux enhancer - superpure aluminium reflector - screen in PMMA with ribbed texture; a special film in acrylic material, combined with the screen, allow for a uniform and effective light emission on the wall. Black polycarbonate internal perimeter frame. Supplied with electronic control gear connected to the luminaire. Neutral white LED - lifetime with residual flow at 80% (L80): 50,000 hours - Ta 25°.

Installation

Double rotating pin blocking system with return spring to facilitate the insertion in the profile seating. Can be manoeuvred with a screwdriver. To light the wall correctly the wall washer modules must be inserted at a specific distance and centre-to-centre distance (shown on the instructions sheet). This is why when using these modules the position of the channel must be designed to comply with the required distances.

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.

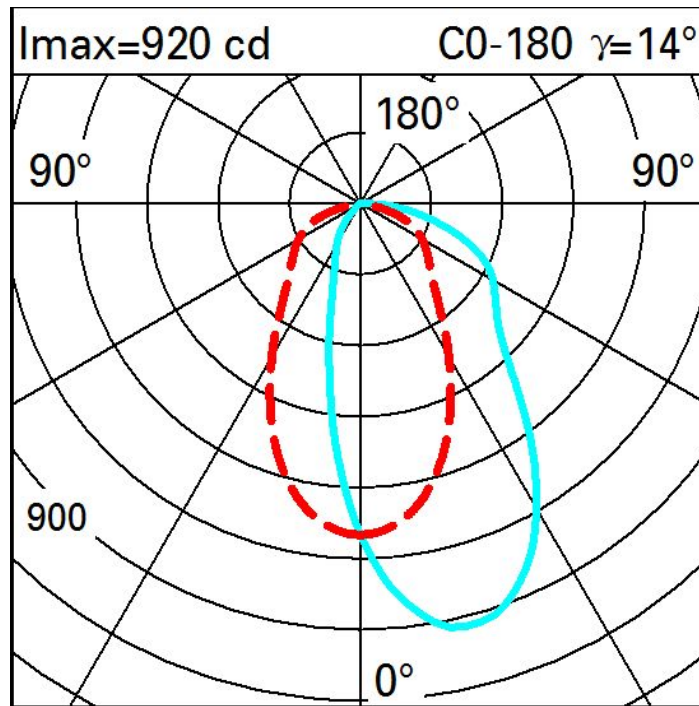
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1170	Colour temperature [K]:	4000
W system:	35	MacAdam Step:	3
Im source:	3000	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W source:	31	Lamp code:	LED
Luminous efficiency (Im/W, real value):	33.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	39	Control:	DALI
CRI:	95		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	3	7	17	46	127	215	127	46	17	7	3			
2	6	12	24	52	111	155	111	52	24	12	6			
	7	12	22	47	90	116	90	47	22	12	7			
1	6	11	20	38	63	77	63	38	20	11	6			
	6	10	17	29	41	48	41	29	17	10	6			
0														
	m	-2	-1		0		1		2	3				