

Last information update: May 2018

**wall washer fixed module - LED - neutral white - integrated DALI dimmable control gear****Product code**

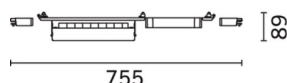
MR97

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.

**Dimension (mm)**

755x89

Colour

Black (04)

Weight (Kg)

1.3

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

**Product configuration: MR97****Product characteristics**

Total lighting output [Lm]: 701.8
Total power [W]: 24.5
Luminous efficacy [Lm/W]: 28.6
Life Time: 50,000h - L90 - B10 (Ta 25°C)

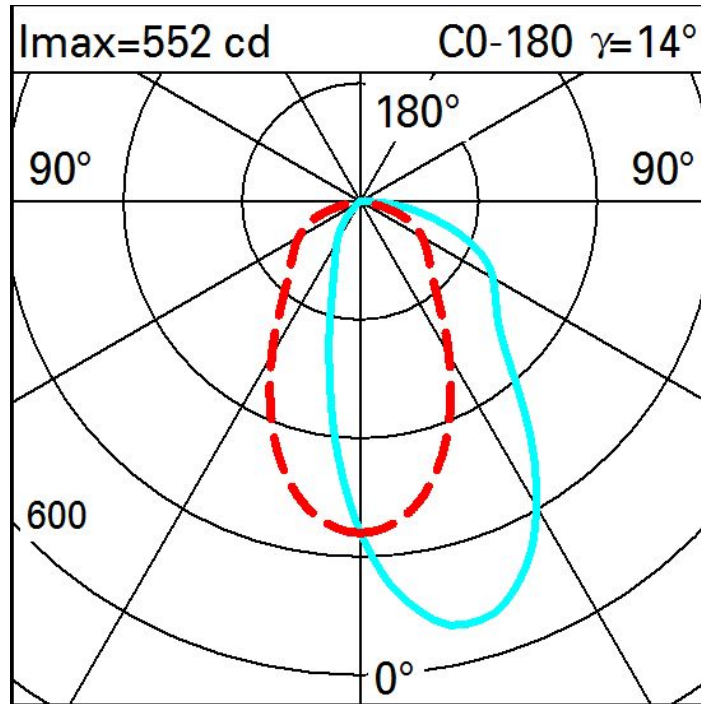
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 39
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 21
Nominal luminous [Lm]: 1800
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.5
Colour temperature [K]: 4000
CRI: 95
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Illuminances

Lux Wall distance = 1m

3										
		0.1	0.2	1	56	56	27	12	6	3
2		0.1	0.9	17	47	51	31	18	10	5
		0.6	5	15	33	41	28	16	9	6
1		0.3	2	5	11	24	29	23	14	8
		0.1	0.8	2	4	8	16	20	17	12
0										
	m	-2	-1	0	1	2	3			