

Laser Blade

Design iGuzzini

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Last information update: May 2024

Product configuration: MQ51

MQ51: Module with removable/adjustable spotlight - neutral LED - DALI dimmable control gear - medium optic



Product code

MQ51: Module with removable/adjustable spotlight - neutral LED - DALI dimmable control gear - medium optic **Attention! Code no longer in production**

Technical description

Adjustable spotlight module for accent lighting with an LED lamp, specifically designed to fit into the Laser Blade System53 channel. The steel coupling plate includes the lighting unit and the operating components. Die-cast aluminium spotlight body and arm joints. Reflector with high efficiency super-pure aluminium optic. The lighting body allows a $-30^{\circ}/+40^{\circ}$ travel within the channel; when removed it can be adjusted by 90° and rotated by 355° . Supplied with DALI dimmable control gear connected to the luminaire.

Installation

Double rotating pin blocking system with return spring to facilitate insertion in the profile seating. It can be adjusted with a screwdriver.

Colour

Black (04)

Weight (Kg)

0.7

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

Order composition and continuous row configuration can be found in the catalogue. Wiring, plates, end cap sets and fixing accessories must be ordered separately.

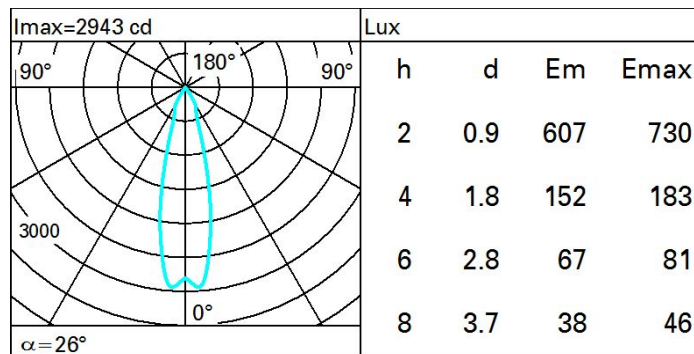
Complies with EN60598-1 and pertinent regulations



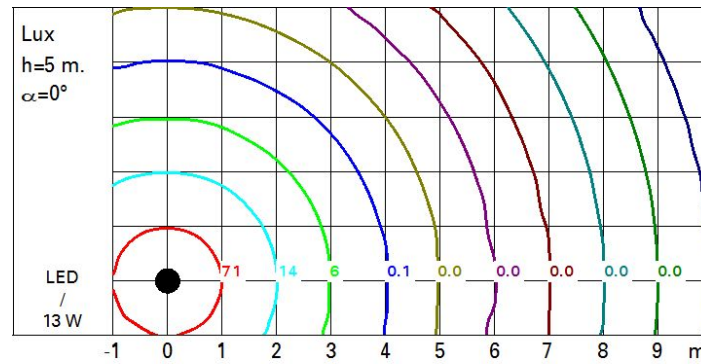
Technical data

Im system:	810	CRI:	80
W system:	13	Colour temperature [K]:	4000
Im source:	1000	MacAdam Step:	3
W source:	9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	62.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	81	Number of optical assemblies:	1
Beam angle $[\circ]$:	26°	Control:	DALI

Polar



Isolux



UGR diagram

Corrected UGR values (at 1000 lm bare lamp luminous flux)												
Riflect.: cei/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise					
2H	2H	13.7	15.7	14.1	10.0	10.4	13.7	15.7	14.1	10.0	10.4	
	3H	13.6	15.1	14.0	15.4	15.8	13.6	15.1	14.0	15.4	15.8	
	4H	13.5	14.8	13.9	15.2	15.5	13.5	14.8	13.9	15.2	15.5	
	6H	13.4	14.6	13.8	14.9	15.3	13.4	14.6	13.8	14.9	15.3	
	8H	13.4	14.5	13.8	14.8	15.2	13.4	14.5	13.8	14.8	15.2	
	12H	13.4	14.4	13.8	14.8	15.2	13.3	14.4	13.8	14.8	15.2	
4H	2H	13.5	14.8	13.9	15.2	15.5	13.5	14.8	13.9	15.2	15.5	
	3H	13.3	14.4	13.8	14.8	15.2	13.4	14.4	13.8	14.8	15.2	
	4H	13.2	14.2	13.7	14.6	15.0	13.2	14.2	13.7	14.6	15.0	
	6H	12.9	14.5	13.4	14.9	15.4	12.9	14.5	13.4	14.9	15.4	
	8H	12.8	14.5	13.3	15.0	15.5	12.8	14.5	13.3	15.0	15.5	
	12H	12.7	14.5	13.2	15.0	15.5	12.7	14.5	13.2	15.0	15.5	
8H	4H	12.8	14.5	13.3	15.0	15.5	12.8	14.5	13.3	15.0	15.5	
	6H	12.7	14.4	13.2	14.9	15.4	12.7	14.4	13.2	14.9	15.4	
	8H	12.6	14.2	13.2	14.6	15.2	12.6	14.2	13.2	14.6	15.2	
	12H	12.8	13.8	13.3	14.3	14.8	12.8	13.8	13.3	14.3	14.8	
12H	4H	12.7	14.5	13.2	15.0	15.5	12.7	14.5	13.2	15.0	15.5	
	6H	12.6	14.2	13.2	14.6	15.2	12.6	14.2	13.2	14.6	15.2	
	8H	12.8	13.8	13.3	14.3	14.8	12.8	13.8	13.3	14.3	14.8	
Variations with the observer position at spacing:												
S =	1.0H	7.0 / -19.9					7.0 / -19.9					
	1.5H	9.8 / -20.6					9.8 / -20.6					
	2.0H	11.8 / -20.8					11.8 / -20.8					