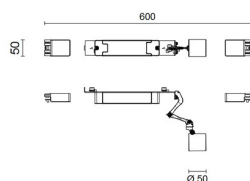


Last information update: June 2025

Product configuration: MQ53

MQ53: Module with removable/adjustable spotlight - LED warm - DALI dimmable control gear - medium optic



Product code

MQ53: Module with removable/adjustable spotlight - LED warm - DALI dimmable control gear - medium optic **Attention! Code no longer in production**

Technical description

Technical description:

Adjustable spotlight module for accent lighting with a high CRI 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°/+40° 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 the insertion in the profile seating. Can be manoeuvred with a screwdriver.

Colour

Black (04)

Mounting

mounting
wall surface|ceiling surface

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.

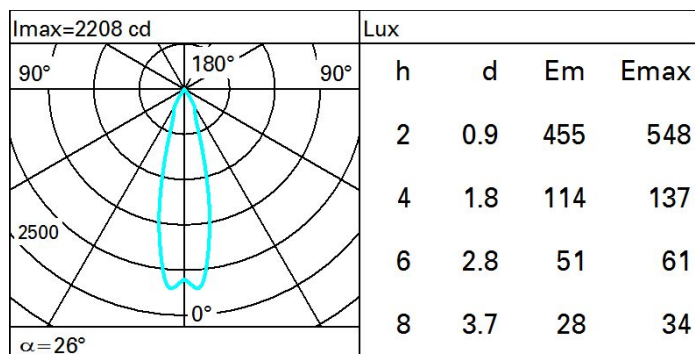
Complies with EN60598-1 and pertinent regulations



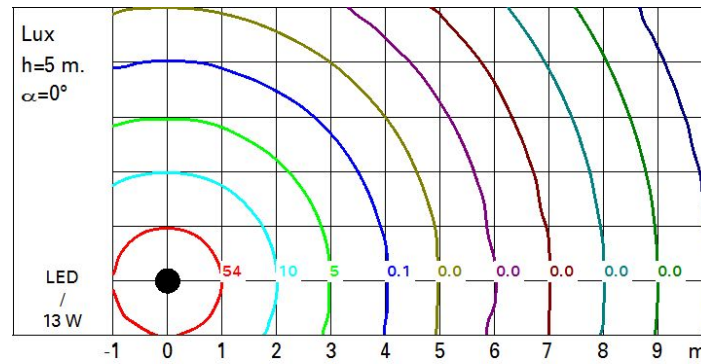
Technical data

Im system:	608	CRI:	90
W system:	13	Colour temperature [K]:	3000
Im source:	750	MacAdam Step:	3
W source:	9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	46.7	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 [°]:	26°	Control:	DALI

Polar



Isolux



UGR diagram

Corrected UGR values (at 750 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	12.7	14.7	13.1	15.0	15.4	12.7	14.7	13.1	15.0	15.4
	3H	12.6	14.1	13.0	14.4	14.8	12.6	14.1	13.0	14.4	14.8
	4H	12.5	13.8	12.9	14.2	14.5	12.5	13.8	12.9	14.2	14.5
	6H	12.4	13.6	12.8	13.9	14.3	12.4	13.6	12.8	13.9	14.3
	8H	12.4	13.5	12.8	13.9	14.2	12.4	13.5	12.8	13.8	14.2
	12H	12.4	13.4	12.8	13.8	14.2	12.3	13.4	12.8	13.8	14.2
4H	2H	12.5	13.8	12.9	14.2	14.5	12.5	13.8	12.9	14.2	14.5
	3H	12.4	13.4	12.8	13.8	14.2	12.4	13.4	12.8	13.8	14.2
	4H	12.2	13.2	12.7	13.6	14.0	12.2	13.2	12.7	13.6	14.0
	6H	11.9	13.5	12.4	13.9	14.4	11.9	13.5	12.4	13.9	14.4
	8H	11.8	13.5	12.3	14.0	14.5	11.8	13.5	12.3	14.0	14.5
	12H	11.7	13.5	12.2	14.0	14.5	11.7	13.5	12.2	14.0	14.5
8H	4H	11.8	13.5	12.3	14.0	14.5	11.8	13.5	12.3	14.0	14.5
	6H	11.7	13.4	12.2	13.9	14.4	11.7	13.4	12.2	13.9	14.4
	8H	11.6	13.2	12.2	13.6	14.2	11.6	13.2	12.2	13.6	14.2
	12H	11.8	12.8	12.3	13.3	13.8	11.8	12.8	12.3	13.3	13.8
12H	4H	11.7	13.5	12.2	14.0	14.5	11.7	13.5	12.2	14.0	14.5
	6H	11.6	13.2	12.2	13.6	14.2	11.6	13.2	12.2	13.6	14.2
	8H	11.8	12.8	12.3	13.3	13.8	11.8	12.8	12.3	13.3	13.8
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		