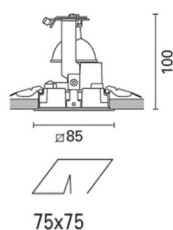
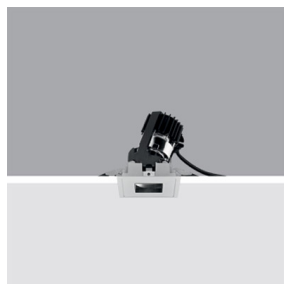


Last information update: June 2024

**Product configuration: MB08+1695**

MB08: Pinhole Adjustable square recessed luminaire 85 x 85 mm 50W QR CBC 51

**Product code**

MB08: Pinhole Adjustable square recessed luminaire 85 x 85 mm 50W QR CBC 51

**Technical description**

Adjustable square recessed luminaire for low voltage dichroic halogen lamp. Made of die-cast aluminium and thermoplastic material. Rotates 355° about the vertical axis and tilts internally 30° relative to the horizontal axis. Contact springs are used to couple to a die-cast aluminium outer frame a die-cast aluminium inner ring on which the black-painted sheet steel lamp-holder bracket is fastened. Inserted in the frame there is a die-cast aluminium front ring in turn containing a cylindrical element made of black thermoplastic material for housing the accessories: sand-blasted glass, ribbed glass, louver and soft lens. Above the lamp holder there is a slide which allows the position of the lamp holder to be moved so as to optimise luminaire performance. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

**Installation**

Recessed in false ceilings whose thickness is between 1 mm and 15 mm using 78x78 mm diameter holes. Fixed with steel springs.

**Colour**  
White (01)

**Weight (Kg)**  
0.17

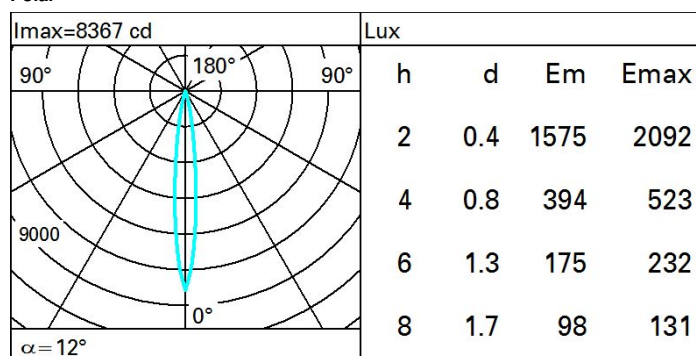
**Mounting**  
ceiling recessed

**Wiring**  
electronic components to be ordered separately

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	564	CRI (minimum):	100
W system:	55	Colour temperature [K]:	3000
Im source:	832	Lamp maximum intensity [cd]:	13000
W source:	50	Voltage [Vin]:	12
Luminous efficiency (Im/W, real value):	10.2	Lamp code:	1695
Im in emergency mode:	-	Socket:	GU5,3
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	68	ZVEI Code:	QR-CBC 51
Beam angle [°]:	12°	Number of optical assemblies:	1

**Polar**

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	61	57	55	53	57	55	54	52	77
1.0	63	60	58	57	60	58	57	55	82
1.5	67	64	63	61	64	62	61	59	88
2.0	69	67	66	65	66	65	64	62	92
2.5	70	69	68	67	68	67	66	64	95
3.0	71	70	69	69	69	68	67	66	97
4.0	72	71	71	70	70	70	69	67	99
5.0	72	72	71	71	71	70	69	68	100

Luminance curve limit

