

Last information update: May 2024

**Product configuration: MC08**

MC08: Square recessed luminaire - 226x226 mm H=103 mm - LED warm white - electronic ballast, general light optic

**Product code**MC08: Square recessed luminaire - 226x226 mm H=103 mm - LED warm white - electronic ballast, general light optic **Attention! Code no longer in production****Technical description**

Recessed fixed square luminaire designed to use a LED lamp. Version with rim for surface-mounting. Multi-faceted reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with 3000 lm LED unit in a warm white tone 3000K and electronic driver separate from the luminaire. General light distribution.

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

**Colour**

White / Aluminium (39)

**Weight (Kg)**

2.11

**Mounting**

ceiling recessed

**Wiring**

Product complete with electronic components

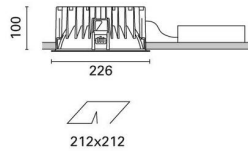
Complies with EN60598-1 and pertinent regulations



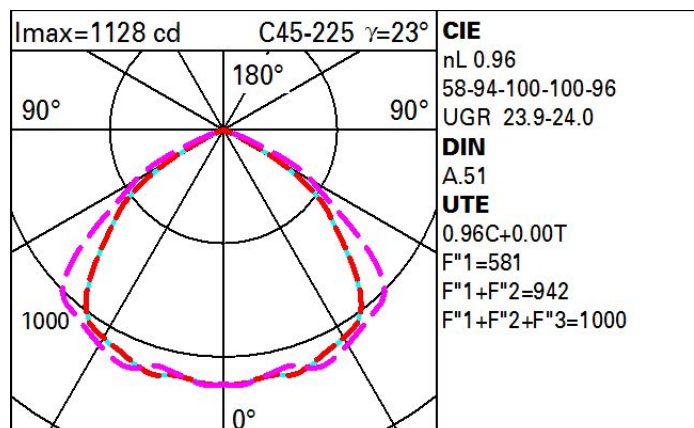
IP20

IP23

On the visible part of the product once installed

**Technical data**

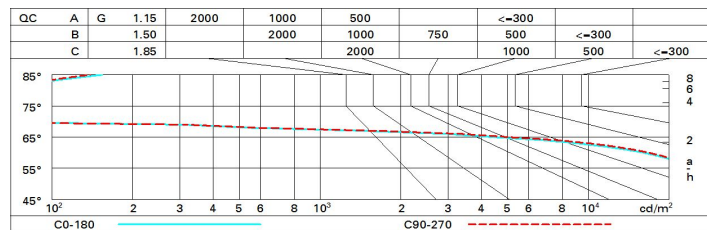
lm system:	2880	CRI:	80
W system:	28.2	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	24	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	102.1	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	96	Number of optical assemblies:	1

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	59	52	48	57	52	51	45	47
1.0	75	66	60	56	65	60	59	53	56
1.5	85	78	73	69	77	72	71	66	69
2.0	90	85	81	78	83	80	79	74	77
2.5	93	89	86	83	87	84	83	79	82
3.0	95	92	89	86	90	87	86	82	85
4.0	97	94	92	90	92	90	89	85	89
5.0	98	96	94	92	94	92	91	87	91

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x        y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	23.8	24.8	24.1	25.1	25.3	23.9	24.8	24.2	25.1	25.4
	3H	23.7	24.6	24.1	24.9	25.2	24.3	25.1	24.6	25.4	25.7
	4H	23.7	24.4	24.0	24.7	25.1	24.3	25.1	24.6	25.4	25.7
	6H	23.6	24.3	23.9	24.6	25.0	24.2	24.9	24.6	25.2	25.6
	8H	23.5	24.2	23.9	24.6	24.9	24.2	24.9	24.5	25.2	25.5
	12H	23.5	24.2	23.9	24.5	24.9	24.1	24.8	24.5	25.1	25.5
4H	2H	24.3	25.0	24.6	25.3	25.7	23.7	24.5	24.0	24.8	25.1
	3H	24.2	24.8	24.5	25.2	25.5	24.1	24.7	24.5	25.1	25.4
	4H	24.1	24.6	24.5	25.0	25.4	24.1	24.7	24.5	25.0	25.4
	6H	24.0	24.5	24.4	24.9	25.3	24.0	24.5	24.5	24.9	25.3
	8H	23.9	24.4	24.4	24.8	25.3	24.0	24.4	24.4	24.9	25.3
	12H	23.9	24.3	24.4	24.7	25.2	23.9	24.3	24.4	24.8	25.2
8H	4H	24.0	24.4	24.4	24.8	25.3	24.0	24.4	24.4	24.8	25.3
	6H	23.9	24.2	24.3	24.7	25.2	23.9	24.3	24.4	24.7	25.2
	8H	23.8	24.1	24.3	24.6	25.1	23.8	24.2	24.3	24.6	25.1
	12H	23.8	24.0	24.3	24.5	25.1	23.8	24.1	24.3	24.6	25.1
12H	4H	23.9	24.3	24.4	24.7	25.2	23.9	24.3	24.4	24.8	25.2
	6H	23.8	24.1	24.3	24.6	25.1	23.8	24.2	24.3	24.6	25.1
	8H	23.8	24.0	24.3	24.5	25.1	23.8	24.1	24.3	24.6	25.1
Variations with the observer position at spacing:											
S =	1.0H	0.5 / -0.5					0.5 / -0.5				
	1.5H	1.5 / -4.1					1.5 / -3.8				
	2.0H	2.3 / -17.2					2.3 / -16.6				