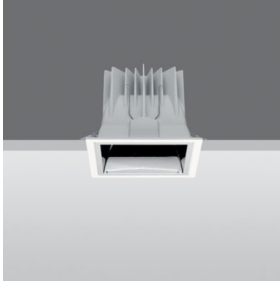


Last information update: May 2024

**Product configuration: MC00**

MC00: Square recessed luminaire - 144x144 mm H=111 mm - LED neutral white - electronic ballast - general light optic with controlled luminance UGR&lt;19

**Product code**MC00: Square recessed luminaire - 144x144 mm H=111 mm - LED neutral white - electronic ballast - general light optic with controlled luminance UGR<19 **Attention! Code no longer in production****Technical description**

Recessed fixed square luminaire designed to use a LED lamp. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with 1100 lm LED unit in a neutral white tone 4000K and electronic driver separate from the luminaire. General light distribution, with controlled luminance (UGR<19).

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

**Colour**

White / Aluminium (39)

**Weight (Kg)**

1

**Mounting**

ceiling recessed

**Wiring**

Product complete with electronic components

Complies with EN60598-1 and pertinent regulations



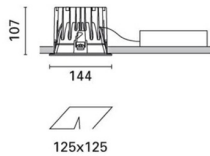
IP20

IP54

On the visible part of the product once installed



pending

**Technical data**

lm system:	1011	CRI (minimum):	80
W system:	8.9	Colour temperature [K]:	4000
lm source:	1150	MacAdam Step:	3
W source:	6.7	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	113.6	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.) [%]:	88	Number of optical assemblies:	1

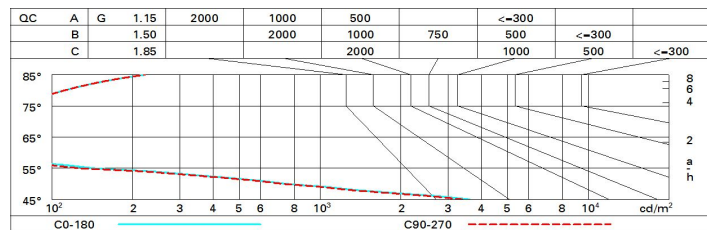
**Polar**

Imax=1059 cd				C0-180				CIE				Lux			
90°				180°				nL 0.88				h			
								93-100-100-100-88				d1			
								UGR 16.7-16.7				d2			
								<b>DIN</b>				Em			
								A.61				Emax			
								<b>UTE</b>							
								0.88A+0.00T							
								F*1=930							
								F*1+F*2=999							
								F*1+F*2+F*3=1000							
								<b>CIBSE</b>							
								LG3 L<1500 cd/m² at 65°							
								UGR<19   L<1500 cd/mq @65°							
α=58°															

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	72	69	66	71	68	68	64	73
1.0	81	76	73	71	75	73	72	69	79
1.5	86	82	80	78	81	79	78	75	86
2.0	89	86	84	83	85	83	82	80	91
2.5	90	89	87	86	87	86	85	82	94
3.0	92	90	89	88	89	88	87	84	96
4.0	93	92	91	90	90	89	88	86	98
5.0	93	93	92	91	91	90	89	87	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	17.3	18.0	17.6	18.2	18.4	17.3	17.9	17.6	18.2	18.4
	3H	17.2	17.7	17.5	18.0	18.3	17.2	17.7	17.5	18.0	18.3
	4H	17.1	17.6	17.4	17.9	18.2	17.1	17.6	17.4	17.9	18.2
	6H	17.0	17.5	17.4	17.8	18.2	17.0	17.5	17.4	17.8	18.1
	8H	17.0	17.5	17.4	17.8	18.1	17.0	17.5	17.3	17.8	18.1
	12H	17.0	17.4	17.3	17.7	18.1	16.9	17.4	17.3	17.7	18.1
4H	2H	17.1	17.6	17.4	17.9	18.2	17.1	17.6	17.4	17.9	18.2
	3H	17.0	17.4	17.3	17.7	18.1	16.9	17.4	17.3	17.7	18.1
	4H	16.9	17.3	17.3	17.6	18.0	16.9	17.2	17.3	17.6	18.0
	6H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
	8H	16.7	17.0	17.2	17.5	17.9	16.7	17.0	17.2	17.4	17.9
	12H	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.8
8H	4H	16.7	17.0	17.2	17.5	17.9	16.7	17.0	17.2	17.5	17.9
	6H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
	8H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8
	12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
12H	4H	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.8
	6H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8
	8H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
Variations with the observer position at spacing:											
S =	1.0H	4.5 / -23.0					4.6 / -23.1				
	1.5H	6.1 / -24.6					6.2 / -24.6				
	2.0H	8.1 / -24.8					8.2 / -24.8				