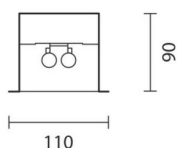


Last information update: February 2023

**Product configuration: MM61+L092**

MM61: Module with electronic control gear - permanent emergency light



100x(1174/1474xN+13)  
N = numero apparecchi

**Product code**MM61: Module with electronic control gear - permanent emergency light **Attention! Code no longer in production****Technical description**

Lighting fitting recessed into the false ceiling for fluorescent light sources with general light emission. The structure and removable end caps are made of painted galvanised sheet steel and the flow director of painted galvanised sheet steel. The diffusing opaline polycarbonate diffuser screen is subjected to anti-UV treatment. The installation brackets are made of galvanised sheet steel. The fitting is treated with RAL9016 liquid painting. The diffuser screen has a fall-prevention system made up of a double steel safety cable. The modules can be combined to make continuous lines.

**Installation**

Installation is carried out either by special brackets or on the surface of a modular false ceiling. No tools are needed to tighten the brackets, which are suitable for false ceilings 1 to 35 mm thick. The hole for the recessed product is 100x1187 mm.

**Colour**

White (01)

**Mounting**

ceiling recessed

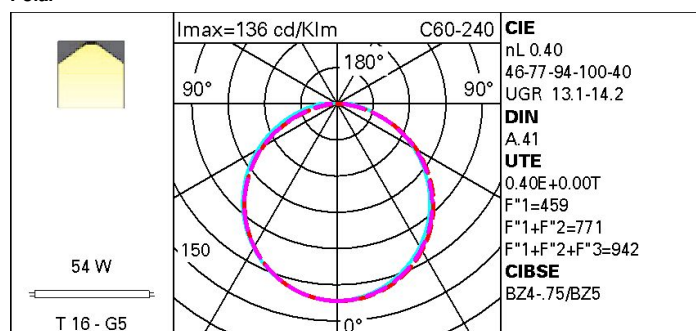
**Wiring**

Electronic control gear set up for emergency light, complete with inverter and rechargeable battery unit. Terminal blocks set up for REST MODE. Permanent emergency light; 1.5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.

Complies with EN60598-1 and pertinent regulations

**Technical data**

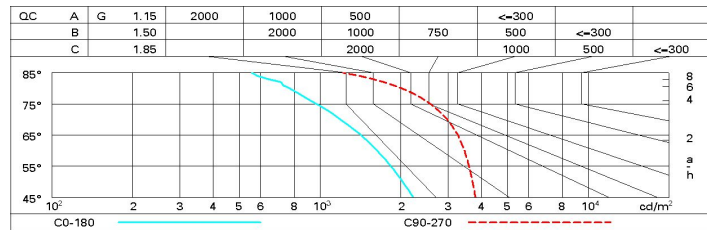
Im system:	1613,5	CRI:	86
W system:	54	Colour temperature [K]:	6500
Im source:	4050	Ballast losses [W]:	0
W source:	54	Lamp code:	L092
Luminous efficiency (Im/W, real value):	29,9	Socket:	G5
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	1,8	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	40	Number of optical assemblies:	1

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	26	21	18	16	21	18	18	15	38
1.0	29	24	21	19	24	21	21	18	45
1.5	33	29	27	25	29	26	26	23	58
2.0	35	32	30	28	31	30	29	27	67
2.5	37	34	32	31	33	32	31	29	72
3.0	38	36	34	32	35	33	33	30	77
4.0	39	37	36	35	36	35	35	33	82
5.0	40	38	37	36	37	36	36	34	85

# Luminance curve limit



# UGR diagram

Photometric curve code: 58230000.092											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling	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											
x	y										
2H	2H	9.9	11.1	10.2	11.4	11.6	11.4	12.6	11.7	12.9	13.2
	3H	11.1	12.2	11.5	12.5	12.8	11.7	12.8	12.1	13.1	13.4
	4H	11.6	12.6	11.9	12.9	13.2	11.8	12.8	12.2	13.2	13.5
	6H	11.9	12.8	12.3	13.2	13.5	11.8	12.8	12.2	13.1	13.5
	8H	12.0	12.9	12.4	13.3	13.6	11.8	12.7	12.2	13.1	13.4
	12H	12.1	13.0	12.5	13.3	13.7	11.8	12.7	12.2	13.0	13.4
4H	2H	10.5	11.6	10.9	11.9	12.2	13.5	14.5	13.9	14.8	15.2
	3H	11.9	12.8	12.3	13.1	13.5	14.0	14.8	14.4	15.2	15.6
	4H	12.5	13.2	12.9	13.6	14.0	14.1	14.9	14.5	15.3	15.7
	6H	12.9	13.6	13.3	14.0	14.4	14.2	14.9	14.7	15.3	15.8
	8H	13.1	13.7	13.5	14.1	14.6	14.2	14.9	14.7	15.3	15.8
	12H	13.2	13.8	13.7	14.2	14.7	14.2	14.8	14.7	15.3	15.7
8H	4H	12.7	13.3	13.1	13.7	14.2	14.7	15.3	15.2	15.8	16.2
	6H	13.2	13.8	13.7	14.2	14.7	14.9	15.4	15.4	15.9	16.4
	8H	13.5	13.9	14.0	14.4	14.9	14.9	15.4	15.4	15.9	16.4
	12H	13.7	14.1	14.2	14.6	15.1	15.0	15.4	15.5	15.9	16.4
12H	4H	12.7	13.3	13.1	13.7	14.2	14.8	15.3	15.2	15.8	16.3
	6H	13.3	13.7	13.8	14.2	14.7	15.0	15.4	15.5	15.9	16.4
	8H	13.5	13.9	14.1	14.4	15.0	15.0	15.4	15.6	15.9	16.5
Variations with the observer position at spacing:											
S =	1.0H		0.1	/	-0.2				0.0	/	-0.1
	1.5H		0.3	/	-0.5				0.3	/	-0.3
	2.0H		0.5	/	-0.9				0.8	/	-0.8