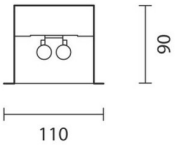
Lineup

Design iGuzzini **iGuzzini**

Last information update: February 2023

Product configuration: MM62+L105
MM62: Module with electronic control gear - permanent emrgency light



Product code
MM62: Module with electronic control gear - permanent emrgency 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 100x1487 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.

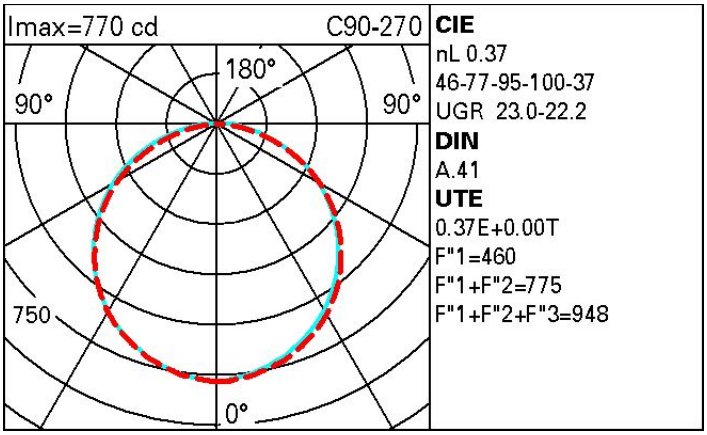
Complies with EN60598-1 and pertinent regulations

850°C IP20

Technical data

lm system:	2239	Colour temperature [K]:	6500
W system:	78	Ballast losses [W]:	8
lm source:	3050	Voltage [Vin]:	230
W source:	35	Lamp code:	L105
Luminous efficiency (lm/W, real value):	28.7	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	2	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	37	Number of optical assemblies:	1
CRI:	86		

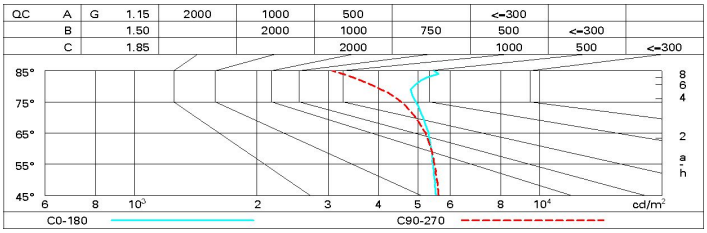
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	24	20	17	15	19	17	17	14	38
1.0	26	23	20	18	22	19	19	17	45
1.5	30	27	25	23	26	24	24	21	58
2.0	32	30	28	26	29	27	27	25	67
2.5	34	32	30	28	31	29	29	27	73
3.0	35	33	31	30	32	31	30	28	77
4.0	36	34	33	32	34	33	32	30	82
5.0	37	35	34	33	35	34	33	31	85

Luminance curve limit



UGR diagram

Corrected UGR values (at 6100 lm bare lamp luminous flux)

Riflect.: ceil/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	18.6	19.8	18.9	20.0	20.3	18.7	19.9	19.0	20.1	20.4
	3H	20.3	21.4	20.6	21.7	22.0	19.2	20.3	19.5	20.6	20.9
	4H	21.0	22.0	21.4	22.3	22.6	19.4	20.4	19.7	20.7	21.0
	6H	21.6	22.5	22.0	22.8	23.2	19.5	20.4	19.8	20.7	21.1
	8H	21.8	22.7	22.2	23.1	23.4	19.5	20.4	19.9	20.7	21.1
	12H	22.1	22.9	22.5	23.3	23.7	19.5	20.3	19.9	20.7	21.1
4H	2H	19.3	20.3	19.6	20.6	20.9	20.9	21.9	21.3	22.2	22.5
	3H	21.2	22.0	21.6	22.4	22.8	21.6	22.4	22.0	22.8	23.2
	4H	22.0	22.8	22.4	23.1	23.5	21.9	22.7	22.3	23.0	23.5
	6H	22.7	23.4	23.1	23.8	24.2	22.1	22.8	22.6	23.2	23.7
	8H	23.0	23.6	23.5	24.1	24.5	22.2	22.8	22.7	23.3	23.7
	12H	23.3	23.9	23.8	24.3	24.8	22.2	22.8	22.7	23.3	23.7
8H	4H	22.3	22.9	22.7	23.3	23.8	22.6	23.2	23.1	23.7	24.1
	6H	23.1	23.7	23.6	24.1	24.6	23.0	23.5	23.5	24.0	24.4
	8H	23.6	24.0	24.1	24.5	25.0	23.1	23.6	23.6	24.1	24.6
	12H	24.0	24.4	24.5	24.9	25.4	23.3	23.7	23.8	24.1	24.7
12H	4H	22.3	22.8	22.7	23.3	23.7	22.7	23.3	23.2	23.7	24.2
	6H	23.2	23.6	23.7	24.1	24.6	23.1	23.6	23.6	24.0	24.5
	8H	23.7	24.1	24.2	24.5	25.1	23.3	23.7	23.8	24.2	24.7

Variations with the observer position at spacing:

S =			
	1.0H	0.1 / -0.1	0.1 / -0.1
	1.5H	0.2 / -0.3	0.2 / -0.3
	2.0H	0.3 / -0.5	0.4 / -0.5