

Action

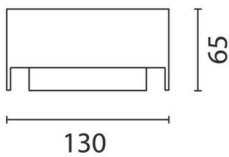
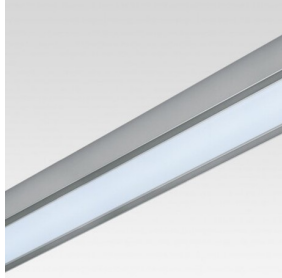
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Product configuration: MM50+L199

MM50: General lighting up/down module with electronic control gear and permanent emergency light T162x35/49W



Product code

MM50: General lighting up/down module with electronic control gear and permanent emergency light T162x35/49W **Attention! Code no longer in production**

Technical description

Suspended, surface-mounted or recessed lighting system designed for fluorescent light sources with up/down light emission. The product permits downlight-only emission by means of a top cover (to be ordered separately) made of plastic material. The modules are complete with terminal boards and cables for through wiring. Ready for switch-on of 3 groups of fittings. The product produces general light and has an extruded polycarbonate screen with diffusing opal surface subjected to anti-UV treatment. The diffuser screens can be removed without tools for ordinary maintenance operations. The structure of the fitting is made of painted extruded aluminium; the lamp-holding supports are made of galvanised painted sheet steel; and the end caps (to be ordered separately) of polycarbonate. The top protection screen (to be ordered separately) is made of transparent polycarbonate subjected to anti-UV treatment. The power-supply cable is transparent and the cables are subjected to antioxidant treatment. The modules can be combined by means of direct and corner 90° couplings as well as structural modules (to be ordered separately). The suspension system (to be ordered separately) has sheet-steel supporting plates with polycarbonate covering bases and steel suspension cables with a millimetric adjustment system (applied to the modules). Ceiling application by means of an aluminium structure (to be ordered separately). Recessed and semi-recessed installation system by means of a structure designed for application to false ceilings 12.5mm and 15mm thick, with concealed rim (to be ordered separately).

Installation

Suspended, surface-mounted, semi-recessed or recessed installation.

Colour

White (01) | Grey (15)

Mounting

ceiling recessed|ceiling surface|ceiling pendant

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.

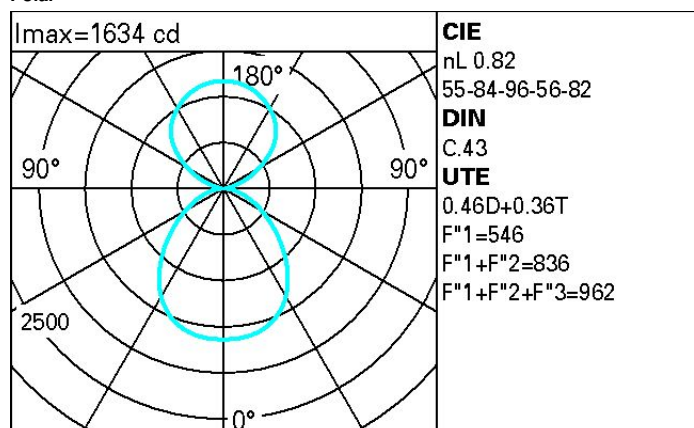
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	7024	Colour temperature [K]:	6500
W system:	112	Ballast losses [W]:	14
Im source:	4300	Voltage [Vin]:	230
W source:	49	Lamp code:	L199
Luminous efficiency (Im/W, real value):	62.7	Socket:	G5
Im in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	3110	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	82	Number of optical assemblies:	1
CRI:	85		

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	47	40	35	31	35	31	28	20	45
1.0	52	45	40	36	40	36	32	24	52
1.5	59	53	49	45	47	44	38	29	64
2.0	63	59	55	52	52	49	43	33	72
2.5	66	62	59	56	54	52	46	35	77
3.0	67	64	61	59	56	54	48	37	81
4.0	70	67	65	62	59	57	50	39	85
5.0	71	69	67	65	60	59	51	40	88

Luminance curve limit

