

Mini Light Air

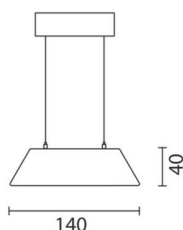
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Product configuration: M120+L147

M120: Individual general light up/down pendant with electronic control gear and permanent emergency light T16 35/49/80W



Product code

M120: Individual general light up/down pendant with electronic control gear and permanent emergency light T16 35/49/80W

Attention! Code no longer in production

Technical description

Suspended lighting system designed for fluorescent light sources with up/down general light luminous emission. The product permits down-light-only emission by means of a top cover made of plastic material. The fitting is equipped with a polycarbonate microprismatic diffusing screen subjected to anti-UV treatment. The structure of the fitting is made of galvanised painted sheet-steel; the lamp-holding supports are made of galvanised painted sheet-steel; the end caps are made 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 suspension system is included in the fitting.

Installation

Suspended installation. The suspension system, supplied with the product, is provided with sheet-steel supporting plates, polycarbonate covering bases and steel suspension cables with millimetric adjustment system (applied to the modules).

Colour

White (01) | Grey (15)

Mounting

ceiling pendant

Wiring

The fittings is equipped with T16 25/49/80W Multiwatt electronic ballast with inverter and battery pack for emergency light. The fitting is designed for through wiring. The special terminal boards designed for REST MODE ensure permanent emergency light for 1 hour.

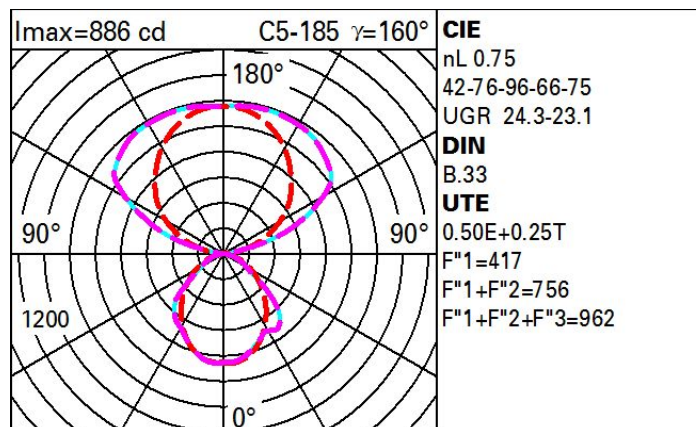
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	4596	Colour temperature [K]:	4000
W system:	91	Ballast losses [W]:	11
lm source:	6150	Voltage [Vin]:	230
W source:	80	Lamp code:	L147
Luminous efficiency (lm/W, real value):	50.5	Socket:	G5
lm in emergency mode:	387	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	3050	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
CRI:	86		

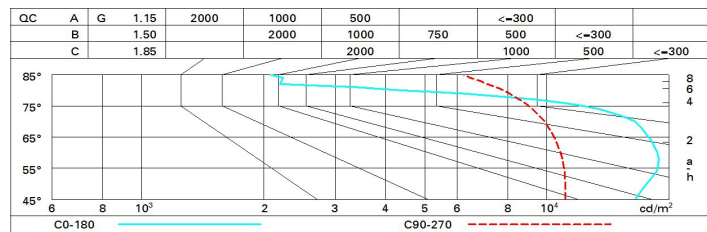
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	42	35	29	25	31	27	24	17	35
1.0	47	40	34	31	36	31	28	21	43
1.5	54	48	44	40	44	40	36	28	56
2.0	58	54	50	46	48	45	41	33	66
2.5	61	57	54	51	52	49	44	36	72
3.0	63	60	57	54	54	51	47	38	76
4.0	65	63	60	58	57	55	49	41	82
5.0	67	65	62	61	58	57	51	42	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 6150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	21.4	22.2	22.1	22.9	23.9	18.9	19.7	19.7	20.5	21.4
	3H	23.0	23.7	23.8	24.5	25.4	19.8	20.5	20.6	21.3	22.3
	4H	23.4	24.1	24.2	24.9	25.8	20.2	20.9	21.0	21.7	22.6
	6H	23.5	24.1	24.3	24.9	25.9	20.4	21.0	21.2	21.8	22.8
	8H	23.4	24.0	24.3	24.8	25.8	20.4	21.0	21.2	21.8	22.8
	12H	23.4	24.0	24.2	24.8	25.8	20.3	20.9	21.2	21.7	22.7
4H	2H	21.9	22.6	22.7	23.4	24.4	20.9	21.6	21.7	22.4	23.4
	3H	23.7	24.3	24.5	25.1	26.1	22.1	22.6	22.9	23.5	24.5
	4H	24.2	24.7	25.1	25.6	26.6	22.7	23.2	23.5	24.0	25.0
	6H	24.4	24.8	25.2	25.6	26.7	23.0	23.5	23.9	24.3	25.4
	8H	24.3	24.7	25.2	25.6	26.6	23.1	23.5	24.0	24.4	25.4
	12H	24.2	24.6	25.1	25.5	26.6	23.1	23.4	23.9	24.3	25.4
8H	4H	24.4	24.8	25.3	25.7	26.8	23.3	23.7	24.2	24.6	25.7
	6H	24.6	24.9	25.5	25.8	26.9	23.9	24.2	24.8	25.1	26.2
	8H	24.5	24.8	25.4	25.7	26.8	24.0	24.3	24.9	25.2	26.3
	12H	24.5	24.7	25.4	25.6	26.8	24.0	24.3	24.9	25.2	26.3
12H	4H	24.4	24.8	25.3	25.6	26.7	23.4	23.8	24.3	24.6	25.7
	6H	24.6	24.8	25.5	25.7	26.9	24.0	24.3	24.9	25.2	26.3
	8H	24.5	24.8	25.4	25.7	26.8	24.2	24.4	25.1	25.3	26.5
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.4 / -0.4					0.2 / -0.2				
	2.0H	0.6 / -0.7					0.5 / -0.6				