

Mini Light Air

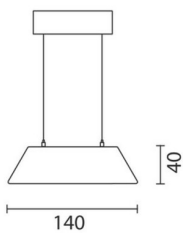
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Product configuration: M118+L092

M118: Individual general light up/down pendant with digital dimmable electronic control gear DALI T16 28/54W



Product code

M118: Individual general light up/down pendant with digital dimmable electronic control gear DALI T16 28/54W **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 fitting is provided with DALI dimmable electronic ballast and is designed for switch-dim, with possibility of regulation also by means of an ordinary electrical button.

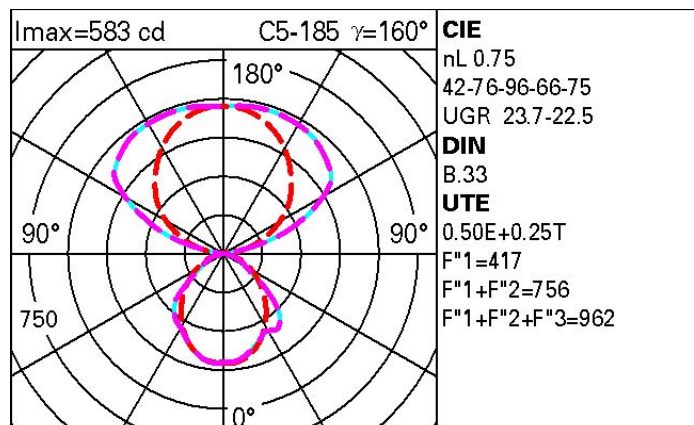
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	3027	Colour temperature [K]:	6500
W system:	62	Ballast losses [W]:	8
lm source:	4050	Voltage [Vin]:	230
W source:	54	Lamp code:	L092
Luminous efficiency (lm/W, real value):	48.8	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	2008	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
CRI:	86	Control:	DALI

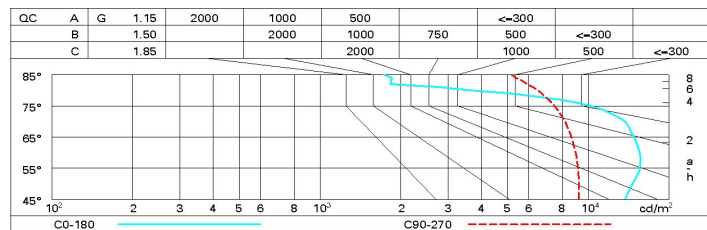
Polar



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 4050 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	20.7	21.5	21.5	22.3	23.2	18.3	19.1	19.0	19.8
	3H	22.3	23.1	23.1	23.8	24.8	19.2	19.9	19.9	20.7
	4H	22.8	23.4	23.6	24.2	25.2	19.6	20.2	20.4	21.0
	6H	22.8	23.5	23.6	24.3	25.3	19.7	20.4	20.5	21.2
	8H	22.8	23.4	23.6	24.2	25.2	19.7	20.3	20.6	21.2
	12H	22.8	23.3	23.6	24.1	25.1	19.7	20.3	20.5	21.1
4H	2H	21.3	22.0	22.1	22.8	23.7	20.3	21.0	21.1	21.8
	3H	23.1	23.6	23.9	24.5	25.5	21.4	22.0	22.3	22.8
	4H	23.6	24.1	24.4	24.9	26.0	22.0	22.5	22.9	23.3
	6H	23.7	24.1	24.6	25.0	26.1	22.4	22.8	23.3	23.7
	8H	23.7	24.1	24.5	24.9	26.0	22.5	22.9	23.3	23.7
	12H	23.6	24.0	24.5	24.8	25.9	22.4	22.8	23.3	23.7
8H	4H	23.8	24.2	24.7	25.1	26.1	22.7	23.1	23.6	24.0
	6H	23.9	24.3	24.8	25.2	26.3	23.3	23.6	24.2	24.5
	8H	23.9	24.2	24.8	25.1	26.2	23.4	23.7	24.3	24.6
	12H	23.8	24.1	24.8	25.0	26.1	23.4	23.6	24.3	24.5
12H	4H	23.8	24.1	24.6	25.0	26.1	22.8	23.1	23.6	24.0
	6H	23.9	24.2	24.8	25.1	26.2	23.4	23.6	24.3	24.5
	8H	23.9	24.1	24.8	25.0	26.2	23.5	23.8	24.5	24.7
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