Action

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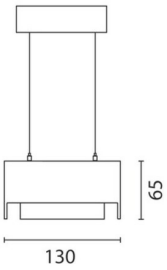
Product configuration: 6678+L092
6678: Individual pendant Dark-VDU L≤1000cd/m2 α>65° up/down with electronic control gear T16 2x28/54W



Product code
6678: Individual pendant Dark-VDU L≤1000cd/m2 α>65° up/down with electronic control gear T16 2x28/54W **Attention! Code no longer in production**

Technical description
Suspended 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 specular optics can be removed without tools for ordinary maintenance operations. The product has a controlled-luminance optic for 65° suitable to be used in environments with VDUs according to Standard EN 12464-1. The lamellar optic with bi-parabolic profile and its external surface are made of anodised specular superpure aluminium and are equipped with fall-prevention system. The structure of the fitting is made of painted extruded aluminium; the lamp-holding supports are made of galvanised painted sheet steel; the end caps (supplied with the product) are 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. Suspended installation. The suspension system (supplied with the product) has sheet-steel supporting plates with polycarbonate covering bases and steel suspension cables with millimetric adjustment system (applied to the modules).

Installation
Pendant

Colour
Grey (15)

Weight (Kg)
4.84

Mounting
ceiling pendant

Wiring
The product is equipped with multiwatt 2x28/54W T16 electronic ballast.

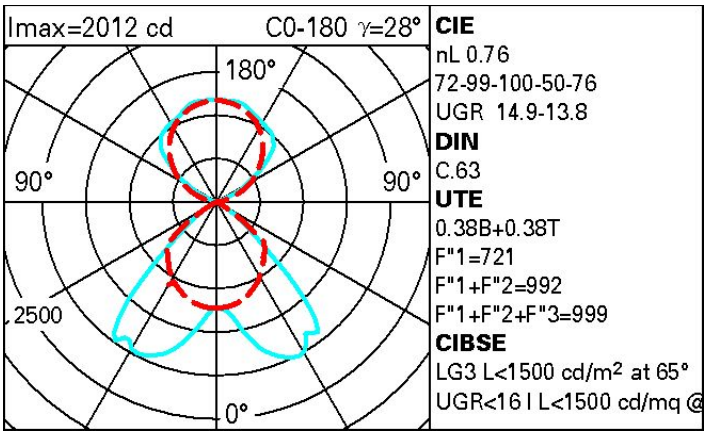
Complies with EN60598-1 and pertinent regulations

850°C IP20

Technical data

lm system:	6192	Colour temperature [K]:	6500
W system:	124	Ballast losses [W]:	16
lm source:	4050	Voltage [Vin]:	230
W source:	54	Lamp code:	L092
Luminous efficiency (lm/W, real value):	49.9	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	3086	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	76	Number of optical assemblies:	1
CRI:	86		

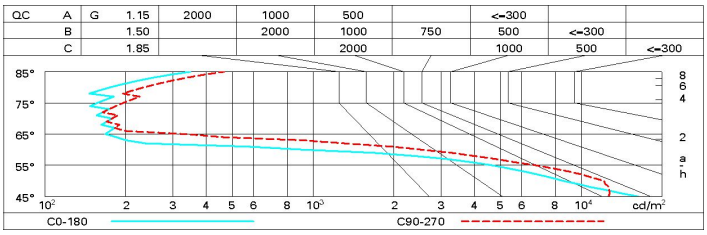
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	46	40	36	33	36	32	29	22	58
1.0	51	45	41	38	40	37	33	25	65
1.5	57	52	49	46	46	43	38	29	77
2.0	60	57	54	51	50	47	41	32	83
2.5	62	59	57	55	52	50	44	33	87
3.0	63	61	59	57	53	52	45	34	90
4.0	65	63	61	60	55	54	46	35	92
5.0	66	64	63	61	56	55	47	36	93

Luminance curve limit



UGR diagram

Corrected UGR values (at 8100 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					viewed		
x	y			crosswise					endwise		
2H	2H	15.8	16.3	16.7	17.2	18.3	14.8	15.3	15.7	16.1	17.2
	3H	15.6	16.0	16.5	16.9	18.0	14.6	15.0	15.5	15.9	17.1
	4H	15.4	15.8	16.4	16.8	17.9	14.5	14.9	15.4	15.8	16.9
	6H	15.3	15.7	16.3	16.6	17.8	14.3	14.7	15.3	15.6	16.8
	8H	15.2	15.6	16.2	16.5	17.7	14.3	14.6	15.2	15.6	16.8
	12H	15.2	15.5	16.1	16.5	17.7	14.2	14.5	15.2	15.5	16.7
4H	2H	15.5	15.9	16.4	16.8	18.0	14.4	14.8	15.3	15.7	16.9
	3H	15.2	15.6	16.2	16.5	17.7	14.2	14.5	15.2	15.5	16.7
	4H	15.1	15.4	16.1	16.3	17.6	14.1	14.3	15.0	15.3	16.6
	6H	15.0	15.2	16.0	16.2	17.5	13.9	14.2	14.9	15.2	16.4
	8H	14.9	15.1	15.9	16.1	17.4	13.8	14.1	14.9	15.1	16.4
	12H	14.8	15.0	15.8	16.0	17.3	13.8	14.0	14.8	15.0	16.3
8H	4H	14.9	15.1	15.9	16.1	17.4	13.9	14.1	14.9	15.1	16.4
	6H	14.7	14.9	15.8	15.9	17.3	13.7	13.9	14.7	14.9	16.2
	8H	14.7	14.8	15.7	15.8	17.2	13.6	13.8	14.7	14.8	16.1
	12H	14.6	14.7	15.6	15.8	17.1	13.6	13.7	14.6	14.7	16.1
12H	4H	14.8	15.0	15.8	16.0	17.3	13.8	14.0	14.8	15.0	16.3
	6H	14.7	14.8	15.7	15.8	17.2	13.6	13.8	14.7	14.8	16.1
	8H	14.6	14.7	15.6	15.8	17.1	13.6	13.7	14.6	14.7	16.1

Variations with the observer position at spacing:

S =			
	1.0H	2.6 / -5.3	1.4 / -3.1
	1.5H	5.1 / -20.2	2.7 / -15.8
	2.0H	7.1 / -20.9	4.7 / -17.9