Action

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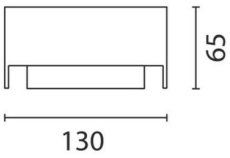
Last information update: October 2020

Product configuration: 6600+L147
6600: Dark-VDU module L≤200 cd/m2 α>65° up/down with electronic control gear T16 35/49/80W



Product code
6600: Dark-VDU module L≤200 cd/m2 α>65° up/down with electronic control gear T16 35/49/80W **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 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 specular optics 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)

Weight (Kg)
4.68

Mounting
ceiling recessed|ceiling surface|ceiling pendant

Wiring
The product is equipped with multiwatt 1x35/49/80W T16 electronic ballast. It is designed for through wiring by means of special terminal boards housed inside the aluminium profile. The system is able to switch on three groups of fittings separately.

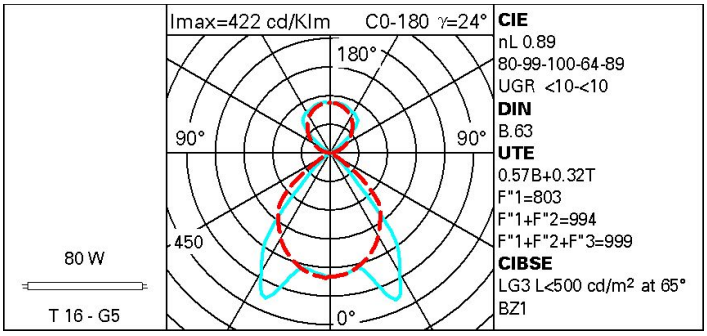
Complies with EN60598-1 and pertinent regulations

850°C IP20 pending

Technical data

lm system:	5446,9	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):	59,9	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	1946,2	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	89	Number of optical assemblies:	1
CRI:	86		

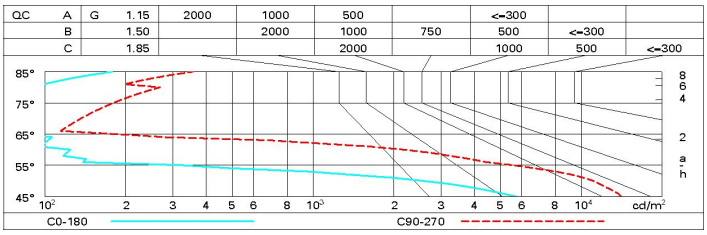
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	60	53	49	46	49	46	43	36	64
1.0	65	59	55	51	54	51	47	40	70
1.5	71	67	63	60	61	58	54	46	80
2.0	75	71	68	66	65	63	58	49	86
2.5	77	74	72	70	68	66	60	51	90
3.0	79	76	74	72	69	68	62	52	92
4.0	80	78	77	75	71	70	63	54	94
5.0	81	80	78	77	72	71	64	54	95

Luminance curve limit



UGR diagram

Photometric curve code: 66000001044
Uncorrected UGR values (at 1000 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	7.8	8.4	8.6	9.1	9.9	9.2	9.7	9.9	10.4	11.3
	3H	7.6	8.1	8.4	8.8	9.7	9.0	9.4	9.8	10.2	11.1
	4H	7.5	7.9	8.3	8.7	9.6	8.9	9.3	9.7	10.1	11.0
	6H	7.4	7.8	8.2	8.6	9.5	8.7	9.1	9.6	9.9	10.9
	8H	7.3	7.7	8.2	8.5	9.5	8.7	9.1	9.5	9.9	10.9
	12H	7.3	7.6	8.1	8.4	9.4	8.6	9.0	9.5	9.8	10.8
4H	2H	7.6	8.0	8.4	8.8	9.7	8.9	9.3	9.7	10.1	11.0
	3H	7.3	7.7	8.2	8.5	9.5	8.6	9.0	9.5	9.8	10.8
	4H	7.2	7.5	8.1	8.3	9.4	8.5	8.8	9.4	9.6	10.7
	6H	7.1	7.3	7.9	8.2	9.3	8.4	8.6	9.3	9.5	10.6
	8H	7.0	7.2	7.9	8.1	9.2	8.3	8.6	9.2	9.4	10.5
	12H	6.9	7.2	7.8	8.0	9.1	8.2	8.5	9.1	9.3	10.4
8H	4H	7.0	7.2	7.9	8.1	9.2	8.3	8.6	9.2	9.4	10.5
	6H	6.9	7.1	7.8	8.0	9.1	8.2	8.4	9.1	9.3	10.4
	8H	6.8	7.0	7.7	7.9	9.0	8.1	8.3	9.0	9.2	10.3
	12H	6.7	6.9	7.7	7.8	8.9	8.0	8.2	9.0	9.1	10.3
12H	4H	6.9	7.2	7.8	8.0	9.1	8.2	8.5	9.1	9.4	10.4
	6H	6.8	7.0	7.7	7.9	9.0	8.1	8.3	9.0	9.2	10.3
	8H	6.7	6.9	7.7	7.8	8.9	8.0	8.2	9.0	9.1	10.3

Variations with the observer position at spacing:

S =			
	1.0H	3.1 / -12.3	1.4 / -4.6
	1.5H	5.4 / -19.1	3.9 / -16.4
	2.0H	7.4 / -19.7	5.9 / -18.0