

## Action

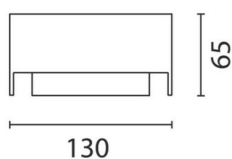
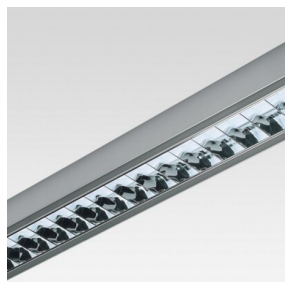
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### Product configuration: 6601+L092

6601: Dark-VDU module  $L \leq 1000$  cd/m<sup>2</sup>  $\alpha > 65^\circ$  up/down with electronic control gear T162x28/54W



### Product code

6601: Dark-VDU module  $L \leq 1000$  cd/m<sup>2</sup>  $\alpha > 65^\circ$  up/down with electronic control gear T162x28/54W **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  $65^\circ$  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  $90^\circ$  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)

4.26

### Mounting

ceiling recessed|ceiling surface|ceiling pendant

### Wiring

The product is equipped with multiwatt 2x28/54W 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.

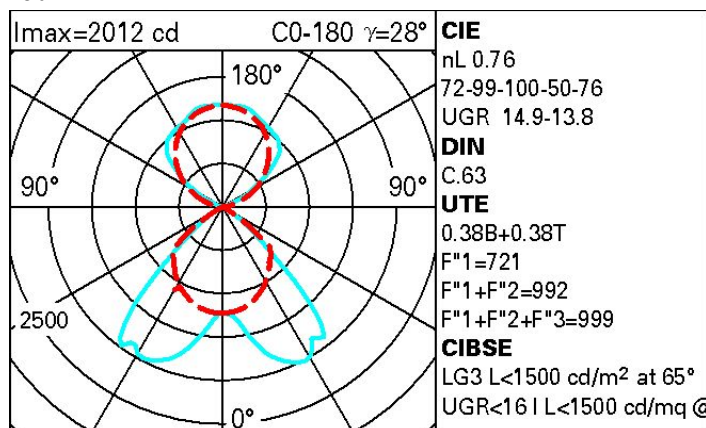
Complies with EN60598-1 and pertinent regulations



### Technical data

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

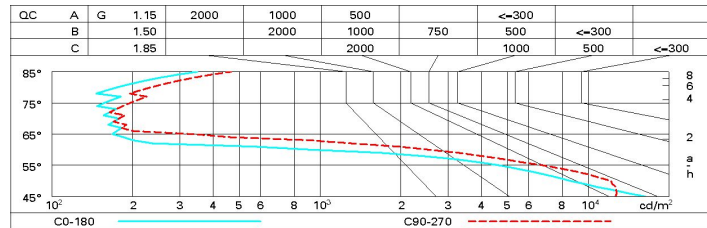
### Polar



# 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)																
Reflect.:																
ceiling		0.70	0.70	0.50	0.50	0.30	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	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	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed					viewed				
x	y	crosswise					crosswise					endwise				
2H	2H	15.8	10.3	10.7	17.2	10.3	14.8	15.3	15.7	10.1	17.2	14.8	15.3	15.7	10.1	17.2
	3H	15.6	10.0	10.5	16.9	10.0	14.6	15.0	15.5	15.9	17.1	14.6	15.0	15.5	15.9	17.1
	4H	15.4	15.8	10.4	10.8	17.9	14.5	14.9	15.4	15.8	10.9	14.5	14.9	15.4	15.8	10.9
	6H	15.3	15.7	10.3	10.6	17.8	14.3	14.7	15.3	15.6	10.8	14.3	14.7	15.3	15.6	10.8
	8H	15.2	15.6	10.2	10.5	17.7	14.3	14.6	15.2	15.6	10.8	14.3	14.6	15.2	15.6	10.8
	12H	15.2	15.5	10.1	10.5	17.7	14.2	14.5	15.2	15.5	10.7	14.2	14.5	15.2	15.5	10.7
4H	2H	15.5	15.9	10.4	10.8	10.0	14.4	14.8	15.3	15.7	10.9	14.4	14.8	15.3	15.7	10.9
	3H	15.2	15.6	10.2	10.5	17.7	14.2	14.5	15.2	15.5	10.7	14.2	14.5	15.2	15.5	10.7
	4H	15.1	15.4	10.1	10.3	17.6	14.1	14.3	15.0	15.3	10.6	14.1	14.3	15.0	15.3	10.6
	6H	15.0	15.2	10.0	10.2	17.5	13.9	14.2	14.9	15.2	10.4	13.9	14.2	14.9	15.2	10.4
	8H	14.9	15.1	15.9	10.1	17.4	13.8	14.1	14.9	15.1	10.4	13.8	14.1	14.9	15.1	10.4
	12H	14.8	15.0	15.8	10.0	17.3	13.8	14.0	14.8	15.0	10.3	13.8	14.0	14.8	15.0	10.3
8H	4H	14.9	15.1	15.9	10.1	17.4	13.9	14.1	14.9	15.1	10.4	13.9	14.1	14.9	15.1	10.4
	6H	14.7	14.9	15.8	15.9	17.3	13.7	13.9	14.7	14.9	10.2	13.7	13.9	14.7	14.9	10.2
	8H	14.7	14.8	15.7	15.8	17.2	13.6	13.8	14.7	14.8	10.1	13.6	13.8	14.7	14.8	10.1
	12H	14.6	14.7	15.6	15.8	17.1	13.6	13.7	14.6	14.7	10.1	13.6	13.7	14.6	14.7	10.1
12H	4H	14.8	15.0	15.8	10.0	17.3	13.8	14.0	14.8	15.0	10.3	13.8	14.0	14.8	15.0	10.3
	6H	14.7	14.8	15.7	15.8	17.2	13.6	13.8	14.7	14.8	10.1	13.6	13.8	14.7	14.8	10.1
	8H	14.6	14.7	15.6	15.8	17.1	13.6	13.7	14.6	14.7	10.1	13.6	13.7	14.6	14.7	10.1
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				