iSign

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Product configuration: 6756+LF59
6756: Luminaire ø 110 mm with dynamic colour change1 and pass-through cables - 3 x 35/49W

Product code
6756: Luminaire ø 110 mm with dynamic colour change1 and pass-through cables - 3 x 35/49W **Attention! Code no longer in production**

Technical description
Luminaire for use with T16 fluorescent lamps. The exterior body and the end caps are made of polycarbonate with an anti-UV surface treatment. Interior structure made of aluminium and steel sheet. The body of the product and the end caps are striped transparent polycarbonate with limited light glare. The double M24 cable clamp allows for Dmax 15.5 mm electric cables. Ready for pass-through cables and equipped with cables and quick-connecting terminals. End caps have stainless steel hooks. Ordinary maintenance requires no tools. Extractable plate for lamp changes. Electric quick-connecting terminal blocks to interrupt electric connection should an end cap be opened. The product has 1xRED, 1xGREEN, and 1xBLUE 3000K lamps. The dimmable DALI electronic ballasts are pre-configured and allow connection to COLOUR EQUALIZER control system with no programming necessary. Product compatible with DALI control systems.

Installation
Suspended horizontally and vertically via special fastener. Wall/ceiling installation with brackets.

Colour
Clear transparent (24)

Mounting
wall surface|ceiling surface|ceiling pendant

Wiring
Control gear has 3 electronic dimmable DALI ballasts pre-configured for Plug&Play (no programming necessary) to COLOUR EQUALIZER control system. Occupies 3 DALI addresses.

Notes
Complete with lamps.

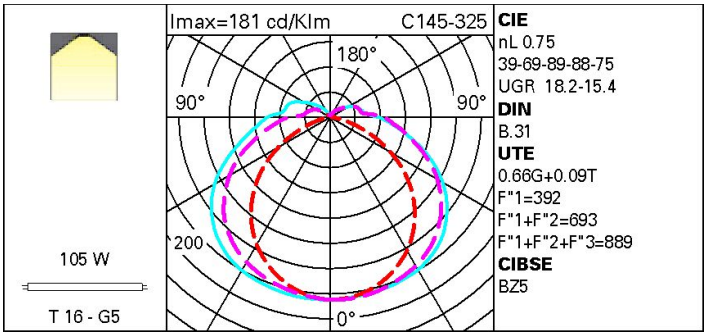
Complies with EN60598-1 and pertinent regulations

850°C IK08 IP67 pending

Technical data

lm system:	5960,5	Colour temperature [K]:	6000
W system:	120	Voltage [Vin]:	230
lm source:	7975	Lamp code:	LF59
W source:	105	Socket:	G5
Luminous efficiency (lm/W, real value):	49,7	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	T 16
Total light flux at or above an angle of 90° [Lm]:	732,5	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	75	Intervallo temperatura ambiente:	from -20°C to +35°C.
CRI:	86	Control:	DALI

Polar

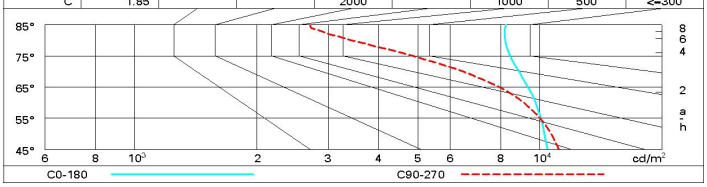


Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	36	30	26	34	29	27	22	33
1.0	49	41	35	31	39	34	32	26	40
1.5	57	50	45	40	47	43	41	34	52
2.0	61	55	51	47	52	48	46	40	61
2.5	64	59	55	51	56	52	50	44	66
3.0	66	62	58	55	58	55	53	46	71
4.0	69	65	62	59	62	59	56	50	76
5.0	70	67	64	62	64	61	58	52	80

Luminance curve limit

QC		G								
	A		1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300



UGR diagram

Photometric curve code: 67560000.105
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	13.1	14.2	13.6	14.7	15.3	11.8	12.9	12.3	13.3	13.9
	3H	15.0	16.0	15.6	16.5	17.1	12.5	13.5	13.0	14.0	14.6
	4H	15.9	16.8	16.4	17.3	17.9	12.8	13.7	13.3	14.3	14.9
	6H	16.6	17.5	17.2	18.1	18.7	13.0	13.8	13.6	14.4	15.0
	8H	17.0	17.8	17.6	18.4	19.0	13.0	13.9	13.6	14.4	15.1
	12H	17.3	18.1	17.9	18.7	19.3	13.0	13.8	13.6	14.4	15.1
4H	2H	13.7	14.7	14.3	15.2	15.8	13.1	14.1	13.7	14.6	15.2
	3H	15.9	16.7	16.4	17.2	17.9	14.1	14.9	14.7	15.5	16.1
	4H	16.8	17.6	17.4	18.2	18.8	14.6	15.4	15.3	16.0	16.6
	6H	17.8	18.4	18.4	19.0	19.7	15.2	15.8	15.8	16.4	17.1
	8H	18.2	18.8	18.9	19.4	20.2	15.4	16.0	16.0	16.6	17.3
	12H	18.6	19.2	19.3	19.8	20.6	15.5	16.1	16.2	16.7	17.4
8H	4H	17.1	17.7	17.8	18.4	19.1	15.0	15.6	15.6	16.2	16.9
	6H	18.3	18.8	19.0	19.5	20.2	15.7	16.2	16.4	16.9	17.7
	8H	18.9	19.3	19.5	20.0	20.7	16.2	16.6	16.9	17.3	18.1
	12H	19.4	19.8	20.1	20.5	21.3	16.6	17.0	17.3	17.7	18.5
12H	4H	17.1	17.7	17.8	18.3	19.1	15.0	15.5	15.6	16.2	16.9
	6H	18.4	18.8	19.0	19.5	20.3	15.8	16.2	16.5	16.9	17.7
	8H	19.0	19.4	19.7	20.1	20.9	16.3	16.7	17.0	17.4	18.1

Variations with the observer position at spacing:

S =			
	1.0H	0.1 / -0.1	0.1 / -0.1
	1.5H	0.2 / -0.2	0.2 / -0.3
	2.0H	0.2 / -0.3	0.4 / -0.6