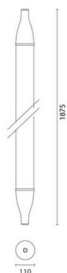


Last information update: June 2024

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.

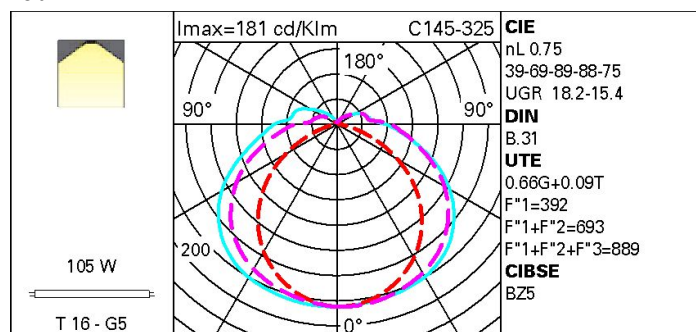
Notes

Complete with lamps.

Complies with EN60598-1 and pertinent regulations

**Technical data**

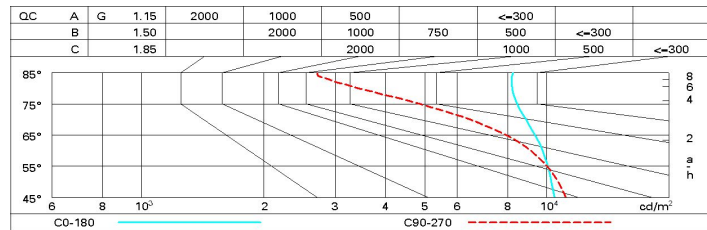
Im system:	5960,5	Colour temperature [K]:	6000
W system:	120	Voltage [Vin]:	230
Im source:	7975	Lamp code:	LF59
W source:	105	Socket:	G5
Luminous efficiency (Im/W, real value):	49,7	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	T 16
Total light flux at or above an angle of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



UGR diagram

Photometric curve code: 07500000.105												
Uncorrected UGR values (at 1000 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	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	16.6	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				