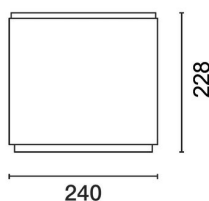


Last information update: January 2024

Product configuration: 5497+L129

5497: Ceiling-Mounted luminaires general light with electronic inverter control gear

**Product code**5497: Ceiling-Mounted luminaires general light with electronic inverter control gear **Attention! Code no longer in production****Technical description**

Fitting for ceiling-mounting equipped with optic for general lighting, for use with 2x26W TC-D EL compact fluorescent lamps powered by DALI compatible electronic control gear. Version has inverter and battery pack for permanent emergency lighting that lasts 1 hour. Die-cast aluminium component plate, ultrapure aluminium reflector, lathe-machined aluminium cylindrical body, lower frame made of highly resistant polycarbonate. Liquid paint surface finish.

Installation

Fitting fastens to ceiling via screws and expansion plugs; easy installation operations via bayonet assembly systems. Can be installed as pendant or wall-mounted via separate accessory kit.

Colour

White (01) | Grey (15)

Mounting

ceiling surface

Wiring

Electronic ballast, inverter, and battery pack inside the fitting. Plugs into system via quick-connecting terminal box.

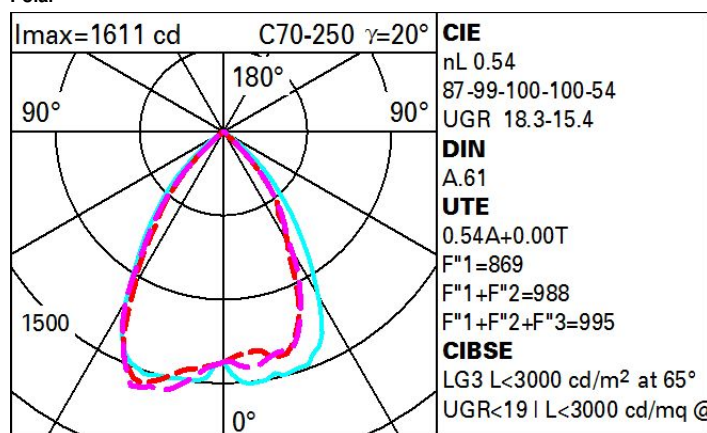
Notes

Accessory screens made of glass with transparent or nitric finish. For suspension, use kit number 9442 with 7-pole cable.

Complies with EN60598-1 and pertinent regulations

**Technical data**

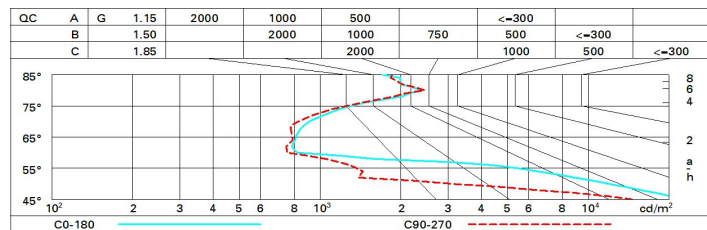
lm system:	1941	Colour temperature [K]:	4000
W system:	56	Ballast losses [W]:	4
lm source:	1800	Voltage [Vin]:	230
W source:	26	Lamp code:	L129
Luminous efficiency (lm/W, real value):	34.7	Socket:	GX24q-3
lm in emergency mode:	90	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	TC-TEL
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
CRI:	89		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	45	42	40	38	42	39	39	37	69
1.0	48	45	43	41	45	43	42	40	74
1.5	52	49	48	46	49	47	47	45	83
2.0	54	52	51	49	51	50	49	48	88
2.5	55	53	52	51	53	52	51	49	91
3.0	56	55	54	53	54	53	52	51	94
4.0	56	56	55	54	55	54	53	52	96
5.0	57	56	56	55	55	55	54	52	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	18.7	19.4	19.0	19.6	19.9	15.8	16.5	16.0	16.7	17.0
	3H	18.6	19.2	18.9	19.5	19.8	15.7	16.3	16.0	16.6	16.8
	4H	18.5	19.1	18.8	19.4	19.7	15.6	16.2	15.9	16.5	16.8
	6H	18.5	19.0	18.8	19.3	19.7	15.5	16.1	15.9	16.4	16.7
	8H	18.5	19.0	18.8	19.3	19.7	15.5	16.0	15.8	16.3	16.7
	12H	18.4	19.0	18.8	19.3	19.7	15.4	15.9	15.8	16.3	16.6
4H	2H	18.5	19.1	18.8	19.4	19.7	15.6	16.2	16.0	16.5	16.8
	3H	18.3	18.9	18.7	19.2	19.5	15.5	16.0	15.9	16.4	16.7
	4H	18.3	18.7	18.7	19.1	19.5	15.5	15.9	15.9	16.3	16.7
	6H	18.3	18.7	18.7	19.1	19.5	15.4	15.8	15.8	16.2	16.6
	8H	18.3	18.7	18.8	19.1	19.5	15.4	15.8	15.8	16.2	16.6
	12H	18.3	18.6	18.8	19.1	19.5	15.4	15.7	15.8	16.1	16.6
8H	4H	18.2	18.5	18.6	19.0	19.4	15.6	16.0	16.1	16.4	16.8
	6H	18.2	18.5	18.7	19.0	19.5	15.7	16.0	16.1	16.4	16.9
	8H	18.3	18.5	18.8	19.0	19.5	15.7	15.9	16.2	16.4	16.9
	12H	18.3	18.5	18.8	19.0	19.5	15.7	15.9	16.2	16.4	16.9
12H	4H	18.1	18.5	18.6	18.9	19.4	15.6	16.0	16.1	16.4	16.9
	6H	18.2	18.5	18.7	18.9	19.4	15.7	15.9	16.2	16.4	16.9
	8H	18.3	18.5	18.8	19.0	19.5	15.7	15.9	16.2	16.4	16.9
Variations with the observer position at spacing:											
S =	1.0H	2.2 / -5.6					3.3 / -5.2				
	1.5H	4.9 / -7.5					4.7 / -5.4				
	2.0H	6.8 / -7.6					6.5 / -5.5				