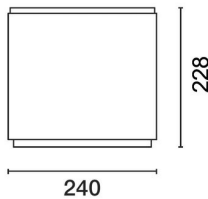


Last information update: October 2023

Product configuration: 5490+1764

5490: Ceiling-Mounted luminaires general light with electronic DALI control gear

**Product code**5490: Ceiling-Mounted luminaires general light with electronic DALI control gear **Attention! Code no longer in production****Technical description**

Fitting for ceiling-mounting, for use with 2x32W TC-T EL compact fluorescent lamps powered by DALI-compatible electronic control gear. Optic designed for controlled luminance lighting, ideal for spaces with monitors: - $L = 1000 \text{ cd/m}^2$ for $\alpha > 65^\circ$ angles. 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

Dimmable digital DALI-compatible electronic ballast inside the fitting. Plugs into system via quick-connecting terminal box. Occupies 1 DALI address.

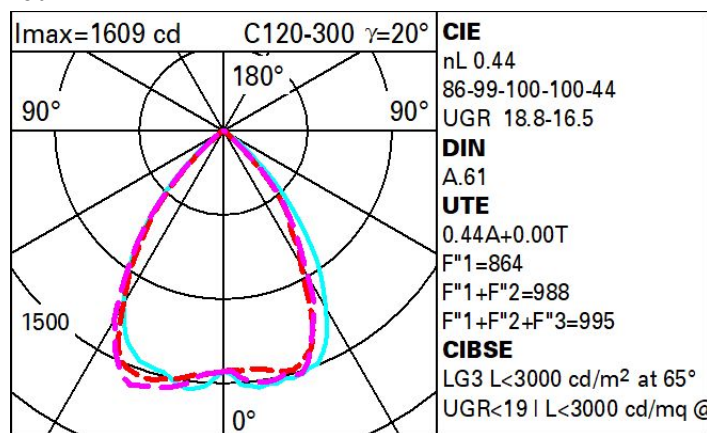
Notes

For suspension, use kit number 9441 with 5-pole cable.

Complies with EN60598-1 and pertinent regulations

**Technical data**

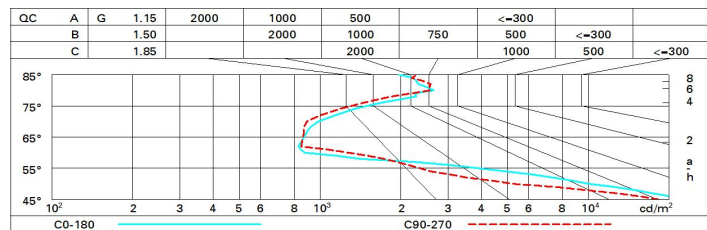
Im system:	2105	Colour temperature [K]:	2700
W system:	70	Ballast losses [W]:	6
Im source:	2400	Voltage [Vin]:	230
W source:	32	Lamp code:	1764
Luminous efficiency (Im/W, real value):	30.1	Socket:	GX24q-3
Im in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	TC-TEL
Light Output Ratio (L.O.R.) [%]:	44	Number of optical assemblies:	1
CRI:	90	Control:	DALI

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	37	34	32	31	34	32	32	30	68
1.0	39	37	35	34	36	35	34	33	74
1.5	42	40	39	37	39	38	38	36	82
2.0	44	42	41	40	42	41	40	39	88
2.5	45	43	43	42	43	42	41	40	91
3.0	45	44	44	43	44	43	42	41	94
4.0	46	45	45	44	44	44	43	42	96
5.0	46	46	45	45	45	44	44	42	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 4800 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	19.2	19.9	19.5	20.2	20.4	16.9	17.7	17.2	17.9	18.2
	3H	19.1	19.7	19.4	20.0	20.3	16.8	17.5	17.1	17.8	18.0
	4H	19.0	19.6	19.3	19.9	20.2	16.7	17.4	17.1	17.7	18.0
	6H	19.0	19.5	19.3	19.9	20.2	16.7	17.2	17.0	17.5	17.9
	8H	19.0	19.5	19.3	19.8	20.2	16.6	17.2	17.0	17.5	17.8
	12H	18.9	19.5	19.3	19.8	20.2	16.6	17.1	17.0	17.5	17.8
4H	2H	19.0	19.6	19.3	19.9	20.2	16.8	17.4	17.1	17.7	18.0
	3H	18.8	19.4	19.2	19.7	20.1	16.7	17.2	17.0	17.5	17.9
	4H	18.8	19.3	19.2	19.6	20.0	16.6	17.1	17.0	17.4	17.8
	6H	18.8	19.2	19.2	19.6	20.0	16.5	16.9	17.0	17.3	17.8
	8H	18.8	19.2	19.2	19.6	20.0	16.5	16.9	17.0	17.3	17.7
	12H	18.8	19.1	19.2	19.6	20.0	16.5	16.8	16.9	17.3	17.7
8H	4H	18.7	19.1	19.1	19.5	19.9	16.7	17.1	17.1	17.5	17.9
	6H	18.7	19.0	19.2	19.5	20.0	16.7	17.0	17.2	17.5	17.9
	8H	18.8	19.0	19.2	19.5	20.0	16.7	17.0	17.2	17.4	17.9
	12H	18.8	19.0	19.3	19.5	20.0	16.7	16.9	17.2	17.4	17.9
12H	4H	18.7	19.0	19.1	19.4	19.9	16.7	17.0	17.2	17.5	17.9
	6H	18.7	19.0	19.2	19.4	19.9	16.7	17.0	17.2	17.4	17.9
	8H	18.7	19.0	19.2	19.4	20.0	16.7	17.0	17.2	17.4	18.0
Variations with the observer position at spacing:											
S =	1.0H	2.5 / -0.1					3.2 / -0.2				
	1.5H	4.8 / -7.7					4.9 / -0.4				
	2.0H	6.8 / -7.8					6.8 / -0.3				