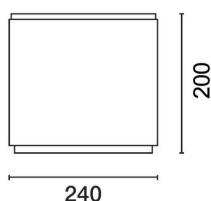


Last information update: March 2019

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

5481

Technical description

Fitting for ceiling-mounting equipped with optic for general lighting, for use with 2x26W TC-T EL compact fluorescent lamps powered by electronic control gear. 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.

Dimension (mm)

Ø240x200

Colour

White (01) | Grey (15)

Weight (Kg)

1.83

Mounting

ceiling surface

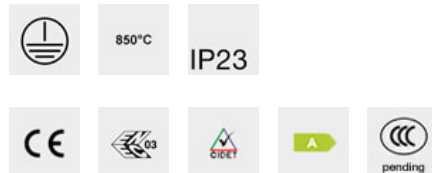
Wiring

Electronic ballast 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 9440 with 3-pole cable.

Complies with EN60598-1 and pertinent regulations

**Product configuration: 5481+L129**

L129: Compact fluorescent lamp DULUX T/E 26W /840 PLUS GX24q-3 (Osram)

Product characteristics

Total lighting output [Lm]: 1885,7

Total power [W]: 56

Luminous efficacy [Lm/W]: 33,7

Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: 230

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 52

Lamp code: L129

ZVEI Code: TC-TEL

Nominal power [W]: 26

Nominal luminous [Lm]: 1800

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 2

Socket: GX24q-3

Ballast losses [W]: 4

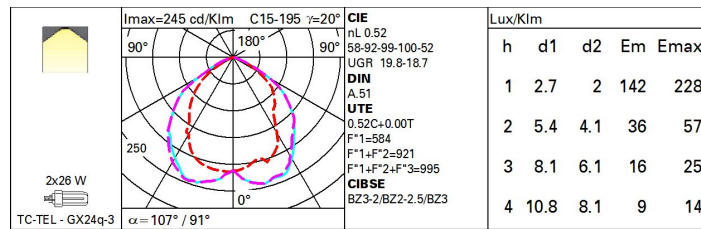
Colour temperature [K]: 4000

CRI: 89

Wavelength [Nm]: /

MacAdam Step: /

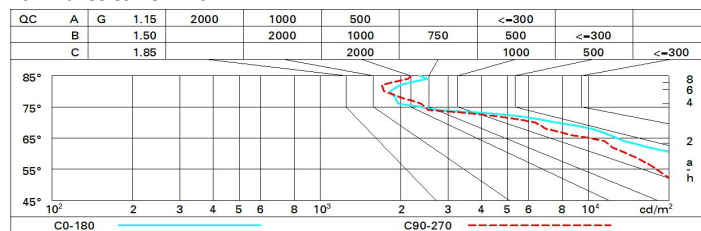
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	37	32	29	26	31	28	28	25	47
1.0	41	36	33	31	35	33	32	29	56
1.5	46	43	40	38	42	39	39	36	69
2.0	49	46	44	42	45	43	43	40	77
2.5	51	48	47	45	47	46	45	43	82
3.0	52	50	48	47	49	47	47	44	85
4.0	53	51	50	49	50	49	48	46	88
5.0	54	52	51	50	51	50	49	47	90

Luminance curve limit



UGR diagram

Photometric curve code: 54780000.826 Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	19.6	20.6	19.9	20.8	21.1	17.9	19.0	18.3	19.2	19.5
	3H	19.8	20.7	20.1	21.0	21.3	18.4	19.3	18.7	19.6	19.9
	4H	19.7	20.6	20.1	20.9	21.2	18.4	19.3	18.8	19.6	19.9
	6H	19.6	20.4	20.0	20.7	21.1	18.4	19.1	18.7	19.5	19.8
	8H	19.6	20.4	20.0	20.7	21.0	18.3	19.1	18.7	19.4	19.8
	12H	19.6	20.3	20.0	20.6	21.0	18.3	19.0	18.7	19.4	19.7
4H	2H	19.7	20.5	20.0	20.8	21.1	18.2	19.1	18.6	19.4	19.7
	3H	19.9	20.6	20.3	21.0	21.4	18.7	19.4	19.1	19.8	20.1
	4H	19.9	20.5	20.3	20.9	21.3	18.8	19.4	19.2	19.8	20.1
	6H	19.8	20.3	20.2	20.7	21.2	18.7	19.3	19.2	19.7	20.1
	8H	19.8	20.3	20.2	20.7	21.1	18.7	19.2	19.1	19.6	20.0
	12H	19.7	20.2	20.2	20.6	21.1	18.6	19.1	19.1	19.5	20.0
8H	4H	19.8	20.3	20.2	20.7	21.1	18.7	19.2	19.1	19.6	20.0
	6H	19.7	20.1	20.2	20.6	21.0	18.6	19.0	19.1	19.5	20.0
	8H	19.7	20.0	20.2	20.5	21.0	18.6	18.9	19.1	19.4	19.9
	12H	19.7	19.9	20.2	20.4	21.0	18.6	18.9	19.1	19.3	19.9
12H	4H	19.7	20.2	20.2	20.6	21.1	18.6	19.1	19.1	19.5	20.0
	6H	19.7	20.0	20.2	20.5	21.0	18.6	19.0	19.1	19.4	19.9
	8H	19.6	19.9	20.1	20.4	20.9	18.6	18.9	19.1	19.4	19.9
Variations with the observer position at spacing:											
S =		1.0H	0.2	/	-0.3		0.5	/	-0.4		
		1.5H	1.2	/	-2.3		1.4	/	-2.4		
		2.0H	2.4	/	-4.9		2.0	/	-4.5		