

Last information update: March 2019



Ceiling-Mounted luminaires general light with electronic control gear

Attention! Code no longer in production

Product code

5487

Technical description

Fitting for ceiling-mounting, for use with 2x26W TC-T EL compact fluorescent lamps powered by electronic control gear. Optic designed for controlled luminance lighting, ideal for spaces with monitors: - $L = 1000 \text{ cd/m}^2$ for a $>65^\circ$ 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.

Dimension (mm)

Ø240x228

Colour

White (01) | Grey (15)

Weight (Kg)

2.02

Mounting

ceiling surface

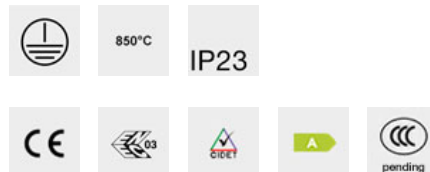
Wiring

Reattore elettronico integrato nell'apparecchio. Electronic ballast inside the fitting. Plugs into system via quick-connecting terminal box.

Notes

For suspension, use kit number 9440 with 3-pole cable.

Complies with EN60598-1 and pertinent regulations



Product configuration: 5487+L129

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

Product characteristics

Total lighting output [Lm]: 1941
Total power [W]: 56
Luminous efficacy [Lm/W]: 34.7
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.) [%]: 54
Lamp code: L129
ZVEI Code: TC-TEL
Nominal power [W]: 26
Nominal luminous [Lm]: 1800
Lamp maximum intensity [cd]: /
Beam angle $[\circ]$: /

Number of lamps for optical assembly: 2
Socket: GX24q-3
Ballast losses [W]: 4
Colour temperature [K]: 4000
CRI: 89
Wavelength [nm]: /
MacAdam Step: /

	<p>CIE nL 0.54 87-99-100-100-54 UGR 18.3-15.4</p> <p>DIN A.61</p> <p>UTE 0.54A+0.00T F"1=869 F"1+F"2=988 F"1+F"2+F"3=995</p> <p>CIBSE LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @</p>
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	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	

QC

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

85°
75°
65°
55°
45°

10² 2 3 4 5 6 8 10³ 2 3 4 5 6 8 10⁴

C0-180 C90-270

8
6
4
2
a
h

cd/m²

UGR diagram

Corrected UGR values (at 3000 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	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							