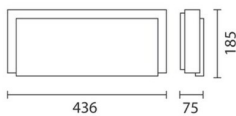


Last information update: August 2022

Product configuration: 5435+1774

5435: Large body luminaire for emergency-only operation (SE) 1h 24 W TC-L

**Product code**5435: Large body luminaire for emergency-only operation (SE) 1h 24 W TC-L **Attention! Code no longer in production****Technical description**

The body of the fitting, reflector, frame and opal diffuser screen are made of self-extinguishing shatter-proof polycarbonate. This fitting is designed for emergency lighting with TC-L fluorescent lamp 24W. The screen is fixed to the body by four captive screws that allow for protection degree IP66 (IP65 for ceiling-mounted version). The base comes complete with double PG11 for through wiring. The base is intended for application either on three-body recessed universal connector block (type 503) or water-tight external cable trays with rigid pipes (ø 16/20-mm) by a special junction (accessory). The system functions only in emergency conditions (SE), beginning to operate in the event of power supply failure. Emergency operation 1 hour. Battery recharge time 12 hours. NiCd 4.8V 2.2Ah batteries are used. The fitting is equipped with an autotest device with operation LED. The fitting permits deactivating the emergency operation for short periods (Rest Mode); when power supply is started again, the emergency system resumes its functions too. The fitting permits deactivating the emergency operation for long inactivity periods (Inhibition Mode); it needs manual restarting. The operation LED shows if the fitting is functioning properly or there is a fault. LED on - steady light: correct operation (during the test the LED is on). Quickly flashing LED: lamp fault. Slowly flashing LED: insufficient battery autonomy. LED off: faulty battery (LED off in emergency).

Installation

Surface-mounted.

Colour

White (01) | Grey (15)

Mounting

wall surface

Wiring

Electronic control gear inside the fitting.

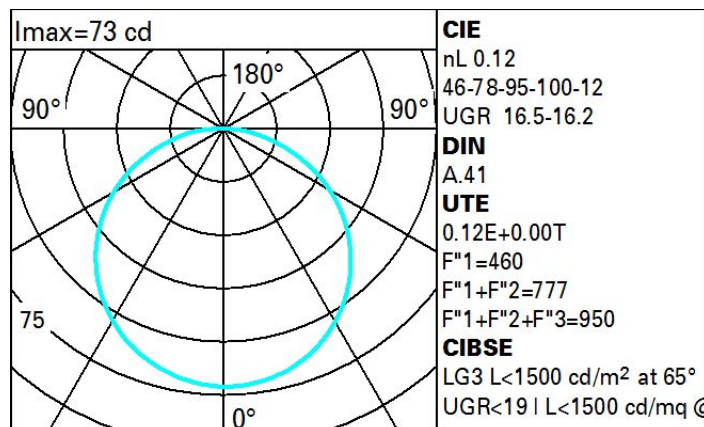
Notes

Available accessories: junction for external cable trays and replacement battery. Emergency light flow 186 lumens.

Complies with EN60598-1 and pertinent regulations

**Technical data**

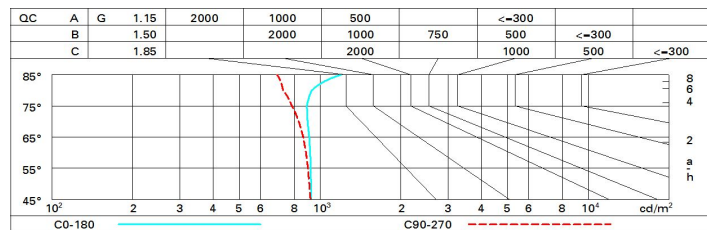
Im system:	214	Colour temperature [K]:	4000
W system:	27	Ballast losses [W]:	3
Im source:	1800	Voltage [Vin]:	230
W source:	24	Lamp code:	1774
Luminous efficiency (lm/W, 7.9 real value):		Socket:	2G11
Im in emergency mode:	217	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	TC-L
Light Output Ratio (L.O.R.) [%]:	12	Number of optical assemblies:	1
CRI:	85	Intervallo temperatura ambiente:	from -20°C to +35°C.

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	8	6	6	5	6	5	5	5	38
1.0	9	7	6	6	7	6	6	5	46
1.5	10	9	8	7	9	8	8	7	58
2.0	10	10	9	8	9	9	9	8	67
2.5	11	10	10	9	10	10	9	9	73
3.0	11	11	10	10	10	10	10	9	77
4.0	12	11	11	10	11	11	10	10	82
5.0	12	11	11	11	11	11	11	10	85

Luminance curve limit



UGR diagram

Corrected UGR values (at 1800 lm bare lamp luminous flux)											
Reflect.: ceiling/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	12.4	13.6	12.7	13.9	14.1	12.5	13.7	12.8	14.0	14.2
	3H	14.0	15.1	14.4	15.4	15.7	13.0	14.1	13.4	14.4	14.7
	4H	14.7	15.7	15.0	16.0	16.3	13.3	14.3	13.6	14.6	14.9
	6H	15.2	16.1	15.6	16.4	16.8	13.4	14.3	13.7	14.6	15.0
	8H	15.4	16.3	15.8	16.6	17.0	13.4	14.3	13.8	14.6	15.0
	12H	15.5	16.4	15.9	16.8	17.1	13.4	14.2	13.7	14.6	14.9
4H	2H	13.1	14.1	13.4	14.4	14.7	14.8	15.8	15.2	16.2	16.5
	3H	14.9	15.7	15.3	16.1	16.4	15.6	16.4	16.0	16.8	17.2
	4H	15.6	16.4	16.0	16.7	17.2	15.9	16.7	16.3	17.0	17.4
	6H	16.2	16.9	16.7	17.3	17.7	16.1	16.8	16.6	17.2	17.7
	8H	16.5	17.1	16.9	17.5	18.0	16.2	16.9	16.7	17.3	17.7
	12H	16.7	17.2	17.1	17.7	18.1	16.3	16.8	16.7	17.3	17.7
8H	4H	15.8	16.5	16.3	16.9	17.3	16.8	17.4	17.2	17.8	18.3
	6H	16.6	17.1	17.1	17.6	18.0	17.2	17.7	17.7	18.2	18.7
	8H	16.9	17.4	17.4	17.8	18.3	17.4	17.9	17.9	18.3	18.8
	12H	17.2	17.6	17.7	18.1	18.6	17.6	18.0	18.1	18.5	19.0
12H	4H	15.8	16.4	16.3	16.9	17.3	17.0	17.6	17.4	18.0	18.5
	6H	16.6	17.1	17.1	17.6	18.1	17.5	17.9	18.0	18.4	18.9
	8H	17.0	17.4	17.5	17.9	18.4	17.7	18.1	18.2	18.6	19.1
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.3 / -0.3					0.2 / -0.3				
	2.0H	0.4 / -0.5					0.3 / -0.5				