

Last information update: June 2018

**Large body luminaire for general lighting 24 W TC-L****Product code**

5439

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 (\varnothing 16/20-mm) by a special junction (accessory).

Installation

Surface-mounted.

Dimension (mm)

436x185x75

Colour

White (01)

Weight (Kg)

1.33

Mounting

wall surface

Wiring

Electronic control gear inside the fitting.

Notes

A junction for external cable trays is available as an accessory.

Complies with EN60598-1 and pertinent regulations



IP66



pending

Product configuration: 5439+1774

1774: Compact fluorescent lamp 24W 2G11 4000 K (Philips)

Product characteristics

Total lighting output [Lm]: 924

Total power [W]: 27

Luminous efficacy [Lm/W]: 34.2

Ambient temperature range: from -20°C to +35°C.

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

Emergency luminous flux [Lm]: /

Voltage [V]: 230

Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 51

Lamp code: 1774

ZVEI Code: TC-L

Nominal power [W]: 24

Nominal luminous [Lm]: 1800

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 1

Socket: 2G11

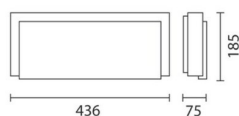
Ballast losses [W]: 3

Colour temperature [K]: 4000

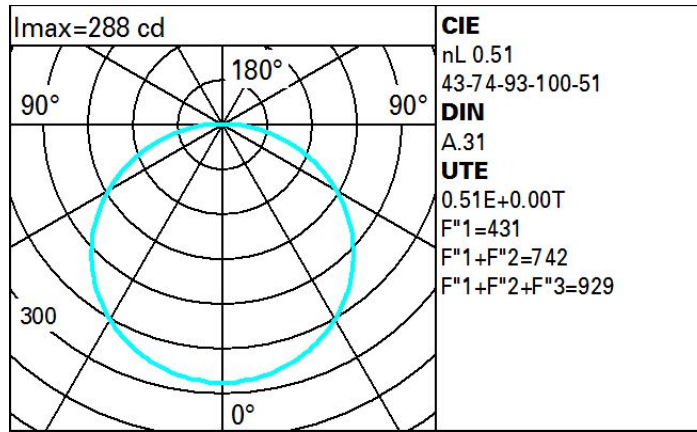
CRI: 85

Wavelength [Nm]: /

MacAdam Step: /



Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	33	27	23	20	26	22	22	18	36
1.0	36	31	27	24	30	26	26	22	43
1.5	41	37	33	30	36	33	32	29	56
2.0	45	41	38	35	40	37	36	33	65
2.5	47	43	41	38	42	40	39	36	70
3.0	48	45	43	41	44	42	41	38	75
4.0	50	47	46	44	46	45	44	41	80
5.0	51	49	47	46	48	46	45	43	84

Luminance curve limit

