

LED Tri-Proof Light C Series

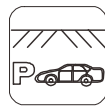


E-lover Tri-Proof Light Series use durable long life span LED as light source, smooth light without glare, simple looking design. Impact-proof, water-proof and dust-proof, IP rating is up to IP65, can be used in different environment. Use PC as material which ensure that it can work stably in different environment.

Basic Specification

Watt	20W/40W/ 50W
Input	Meanwell/AC200-240V
Impact rating	IK08
Proof	Water-proof, dust-proof, anti-corrosion
IP rating	65
LED source	Epistar chips
CRI	80+
Application	Basement Parking, warehouse, Pump room, Power plant, Steel plant, Station
Material	PC

Applications:



**Parking
Lots**



Garage



Warehouse



Corridor



**Railway
Station**



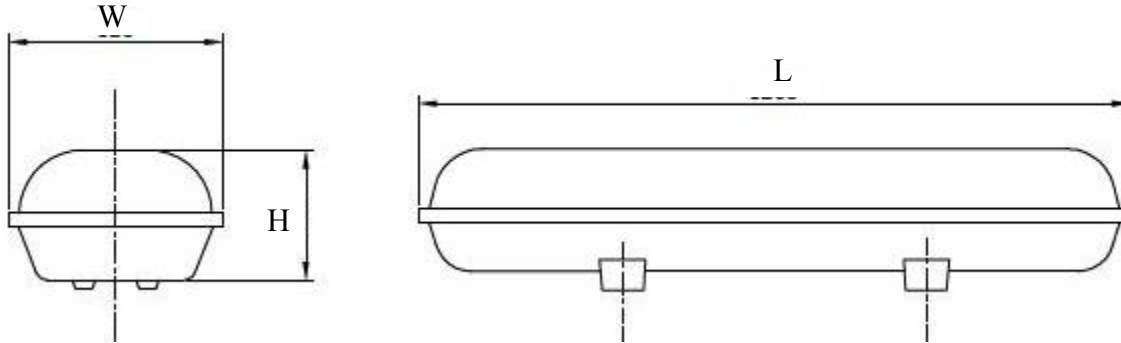
PRODUCT FEATURES

- State of the art design. Adopt the modern aesthetic streamline design, compact in structure and nice in appearance.
- High color rendering index Epistar SMD LED chips source light with high-quality.
- Unique thermal management: Aluminum back casing dissipate the inside heat efficiently
- Power factor ≥ 0.90 . Adopt high-quality-high-efficiency constant current isolated driver, to ensure the product's stability, also to reduce the power consumption greatly.
- With isolated driver, more safe and stable.
- Low temperatures. Long lifespan more than 50000hours.
- No mercury and lead. No UV. No infrared. No radiation. Without causing any flickering, helpful to protect the eyes.
- Water-proof, dust-proof, anti-corrosion.
- CE (TUV) for EMC and LVD approved and RoHS compliant.



PRODUCT DIAGRAM

PRODUCT DIMENSIONS



Part number	L [mm]	W [mm]	H [mm]
EL-TPC-20W	662	118	80
EL-TPC-40W	1272	118	80
EL-TPC-50W	1566	118	80

TECHNICAL DATA

Electrical characteristics:

Part number	Operating Voltage [V]	Frequency [Hz]	Power [W]	Traditional equivalent [W]	Power Factor [%]	Color Temperature
EL-TPC-20W	AC200-240V	50 / 60	20	40	≥0.90	80
EL-TPC-40W	AC200-240V	50 / 60	40	80	≥0.90	80
EL-TPC-50W	AC200-240V	50 / 60	50	100	≥0.90	80

Note 1: Absolute ratings @ 25°C.

Note 2: 20W, 40W, 50W for Warehouse, Parking lot, Highway lighting and square.

TECHNICAL DATA

Optical Characteristics:

Part number	color	Color Temperature [°K]	Luminescence [lm]	Lumen Efficiency [lm/w]	IP Rating	Beam angle [°]
EL-TPC-20W-CW	Cool white	6000	2000	100	IP65	120
EL-TPC-20W-NW	Nature white	4000	1900	95	IP65	120
EL-TPC-20W-WW	Warn white	3000	1800	90	IP65	120
EL-TPC-40W-CW	Cool white	6000	4000	100	IP65	120
EL-TPC-40W-NW	Nature white	4000	3800	95	IP65	120
EL-TPC-40W-WW	Warn white	3000	3600	90	IP65	120
EL-TPC-50W-CW	Cool white	6000	5000	100	IP65	120
EL-TPC-50W-NW	Nature white	4000	4750	95	IP65	120
EL-TPC-50W-WW	Warn white	3000	4500	90	IP65	120

Note1: Absolute ratings @ 25°C.

Note2: Tolerance of measurement of luminous intensity±15%.

PRODUCT INSTALLATION:

Trip-proof light TP C Install

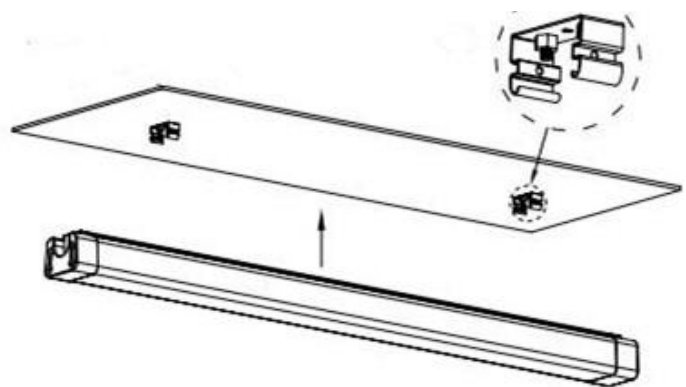
Step 1: Fix the screw on the install face.



Step 3: Buckle the lamp the stents card buckle



Step 2: Use but fix the bracket on the install surface





SAFETY

1. Always consult a qualified, licensed electrician prior to the installation of this product.
2. Always ensure that all components are joined properly before they are installed.
3. It is recommended that adequate airflow and heatsink be taken into account in the application and installation of this product. Improper thermal management may lead to premature failure.
4. If any doubt about the installation or use of this product, consult a competent electrician.
5. Exceeding the operating temperature values may damage LED chips by reducing the total lamp life and lumen output, and inversely impact color consistency.
6. Switch off power of the mains supply or respectively of the connection lead before doing any works.
7. Avoid voltage drops by using a dedicated line for each maximum power consumption line .
8. The manufacturer rates each power supply for maximum power output at optimum thermal and voltage conditions. As with any power supply, true actual maximum continuous current output depends upon various environmental factors such as ambient temperature, line voltage fluctuations, and orientation that may affect heat dissipation. For optimum performance, make sure the load is between 50% and 80% of the total capacity of the power supply.
9. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.

OTHER E-LOVER PRODUCTS:

For more information about E-lover products, please visit our website : www.szelover.com

DISCLAIMER:

E-lover reserves the right to modify the design of our products as part of the company's program of continuous improvement. E-lover cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.