

LED TRI-PROOF LIGHT TP1 SERIES PRODUCT SERIES DATA SHEET



LED Tri-Proof Light Series (EL-TP1M)



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 aluminum alloy and PC as material which ensure that it can work stably in different environment.

Basic Specification

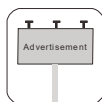
Watt	15W,30W,40W,60W,80W
Input	AC100-240V
Driver	Meanwell driver
Proof	Water-proof, dust-proof, anti-corrosion
IP rating	65
LED source	Epistar chips
CRI	80
Application	Advertising Lighting, Bridge, Pooling Lighting, Garden, Petrol Station
Material	Aluminum alloy, PC cover



Garden



Tunnel



Advertising



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.



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PRODUCT DIAGRAM

PRODUCT DIMENSIONS



Part number	L [mm]	W [mm]	H [mm]
EL-TP1M-15W	330	95	80
EL-TP1M-30W	630	95	80
EL-TP1M-40W	930	95	80
EL-TP1M-60W	1230	95	80
EL-TP1M-80W	1530	95	80

TECHNICAL DATA

Electrical characteristics:

Part number	Operating Voltage [V]	Frequency [Hz]	Power [W]	Traditional equivalent [W]	Power Factor [%]	CRI
EL-TP1M-15W	AC100-240V	50 / 60	15	30	≥0.90	80
EL-TP1M-30W	AC100-240V	50 / 60	30	60	≥0.90	80
EL-TP1M-40W	AC100-240V	50 / 60	40	80	≥0.90	80
EL-TP1M-60W	AC100-240V	50 / 60	60	120	≥0.90	80
EL-TP1M-80W	AC100-240V	50 / 60	80	160	≥0.90	80

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Note 1: Absolute ratings @ 25°C.

Note 2: 30W, 40W, 60W, 80W 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-TP1M-15W-CW	Cool white	6000	1500	100	IP65	120
EL-TP1M-15W -NW	Nature white	4000	1425	95	IP65	120
EL-TP1M-15W -WW	Warn white	3000	1350	90	IP65	120
EL-TP1M-30W-CW	Cool white	6000	3000	100	IP65	120
EL-TP1M-30W -NW	Nature white	4000	2850	95	IP65	120
EL-TP1M-30W -WW	Warn white	3000	2700	90	IP65	120
EL-TP1M-40W-CW	Cool white	6000	4000	100	IP65	120
EL-TP1M-40W -NW	Nature white	4000	3800	95	IP65	120
EL-TP1M-40W -WW	Warn white	3000	3600	90	IP65	120
EL-TP1M-60W-CW	Cool white	6000	6000	100	IP65	120
EL-TP1M-60W -NW	Nature white	4000	5700	95	IP65	120
EL-TP1M-60W -WW	Warn white	3000	5400	90	IP65	120
EL-TP1M-80W-CW	Cool white	6000	8000	100	IP65	120
EL-TP1M-80W -NW	Nature white	4000	7600	95	IP65	120
EL-TP1M-80W -WW	Warn white	3000	7200	90	IP65	120

Note1: Absolute ratings @ 25°C.

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

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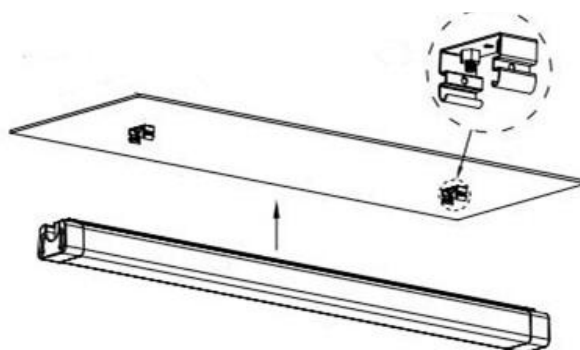
PRODUCT INSTALLATION:

Trip-proof light TP A Install

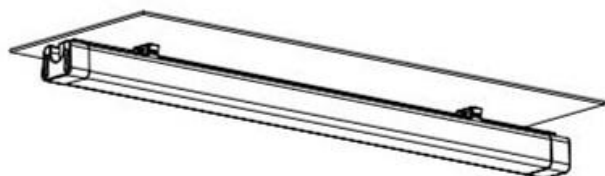
Step 1: Fix the screw on the install face.



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



Step 3: Buckle the lamp the stents card buckle



Packing

Part Number	Outer Carton Size(L×W×H)[mm]	Qty/Carton [pcs]	Gross Weight [Kg]	Unit Weight [Kg]
EL-TP1M-15W	345*250*210	6	8.8	1.3
EL-TP1M-30W	645*250*210	6	12.3	1.8
EL-TP1M-40W	950*260*210	6	17.46	2.66
EL-TP1M-60W	1250*170*210	4	15.4	3.35
EL-TP1M-80W	1550*180*210	4	21.88	4.97



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%.

Packing:

Product Name	Outer Carton Size(L×W×H)[cm]	Qty/Carton [pcs]	Carton Weight [Kg]
EL-TP1M-15W	34.5*25*21	6	8.8
EL-TP1M-30W	64.5*25*21	6	12.3
EL-TP1M-40W	95*26*21	6	17.46
EL-TP1M-60W	125*17*21	4	15.4
EL-TP1M-80W	155*18*21	4	21.88

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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.