



# ALROUF LINER LIGHT TRI-PROOF

**The T56 & T552** is a highly durable and robust Tri-Proof light designed for production areas, parking facilities and any other area of application where harsh conditions have to be countered. Its polycarbonate housing is cast from a single mold and therefore absolutely dust and waterproof. Removable end caps harbor the connection terminals and allow for a quick and easy installation. A massive internal aluminum core provides stability and assures good thermal conditions for up to 480 pcs of 0.5W SMD2835 chips as well as the internal isolated power driver. This modern and efficient Tri-Proof light is available in several wattages starting from 20W up to 110W.

Specification			
Model No.	T552-40W12	T552-50W12	T552-60W15
Dimensions(mm)(l,w,h)	1218x54x64		1518x54x64
Power	40W	50W	60W
Voltage	AC220-240V / 50-60Hz		
CCT	3000K; 4000K; 5000K; 6000K		
Luminous Efficiency	140 lm/w		
Luminous Flux	5000lm	7000lm	7000lm
CRI	Ra > 80		
Beam Angle	120°		
IP Grade Protection	IP65		

**Multi-angle Display:**



**Model B**

- ▶ Color Rendering Index (CRI) > 90Ra
- ▶ Linkable As A Continuous Line



### Features

- Highly energy efficient - up to 130 lm/w
- High Luminous flux - up to 14.300 lm
- IP69K and IK10 protection grade
- Quick and easy installation
- No UV or IR and completely mercury free
- 5 Years warranty

### Options

- 1-10V dimmable and DALI dimmable
- CRI 90 Ra available upon request
- Microwave motion sensor available

### Area of application

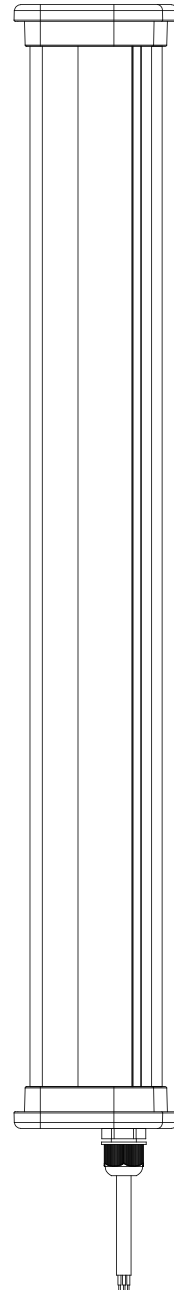
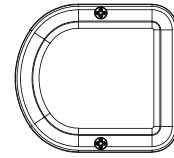
- Parking Facilities, corridors and hallways
- Warehouses and storage rooms
- Factories and production areas

### Certificates

- European market: [ENEC](#), [TUV](#), [CE](#), [RoHS](#), [CB](#)
- North American market: [UL](#), [cUL](#), [DLC Premium](#)
- Australian market: [SAA](#), [RCM](#)

### E-POWER T56 Tri-Proof Light (Single Use Version)

- 20W/30W/40W/60W/75W/80W/110W



## Certification

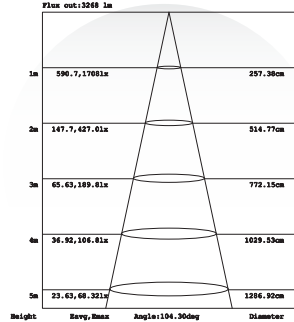
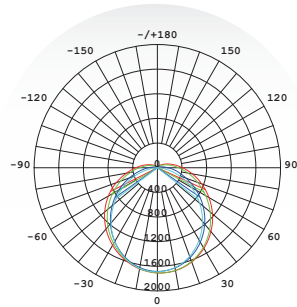


**Basic Specifications** Standard Lumen (125ml-135lm/W)

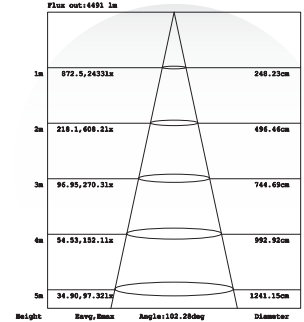
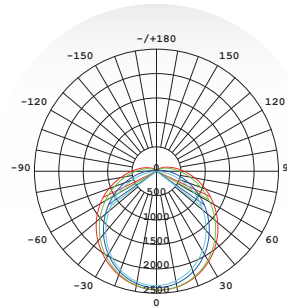
Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
Alrouf LNR-20W	20W	AC100-277V 50~60Hz	135±5	2700±100	120°	120 PCS 0.5W 2835	>80Ra
Alrouf LNR-30W	30W		130±5	3900±150		120 PCS 0.5W 2835	
Alrouf LNR-40W	40W		135±5	5400±200		240 PCS 0.5W 2835	
Alrouf LNR-50W	60W		130±5	7800±300		240 PCS 0.5W 2835	
Alrouf LNR-60W	60W		135±5	8100±300		336 PCS 0.5W 2835	
Alrouf LNR-75W	75W		130±5	9700±400		336 PCS 0.5W 2835	
Alrouf LNR-80W	80W		135±5	10800±400		480 PCS 0.5W 2835	
Alrouf LNR-110W	110W		130±5	14300±500		480 PCS 0.5W 2835	

**Light Distribution Curve and Average E (LX) Figure---5000K**

40W12 CW



60W 15CW



**Electrical datas**

**Photometrical data**

Operating frequency	47-63Hz	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100-277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	>0.9	Color rendering index Ra	>80
Efficiency in %	>92%	Standard deviation of color matching	<3
Start time (0.2s/ 0.5s/ ___)	0.1S	UGR (Unified Glare Rating)	<23
Warm-up time to 60% (1.5s/2s/___)	0.5S	Available beam angles	120°

**Standards & Certification**

**Temperatures & operating conditions**

Type of protection	IP69K	Operating temp	-20~+60°C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50°C
Safely features	Open circuit protection; Short circuit protection; Over voltage protection	Storage temp	-40~+80°C
Certificates	ENEC, TUV, CE, ROHB, CB, UI, CUL, DLC Premium, SAA, RCM		
Energy efficiency class	A+		

Lifespan		Features/Capabilities and additional product data	
Rated nominal Lifetime	50.000 hours	Base/Socket	Directly wired
Switching cycles	100.000 times	Dimmable	1-10V dimmable, DALI dimmable
Lumen maintenance at e.o.l.	80 %		
LED Device Lifetime	L80 / B10		

Packing Information					
Model	Dimension (MM)	CTN SIZE (CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight/CTN(kg)
Alrouf T56-20W06/T56-30W06	560*72*78	72*35*22	6PCS	0.9	8.5
Alrouf T56-40W12/T56-60W12	1170*72*78	132*35*22	6PCS	2	15.5
Alrouf T56-60W15/T56-75W15	1470*72*78	162*35*22	6PCS	2.4	17.5
Alrouf T56-80W24/T56-110W24	2370*72*78	252*24*22	6PCS	3.8	19.5

**Exploded drawing**

Flexible rust and corrosion free mounting clamps for wall/ceiling or suspended installation

The polycarbonate housing is cast from a single mold (cover cannot be removed) and therefore absolutely dust and water proof

The massive internal aluminum core provides excellent heat dissipation and maximum stability

Aluminum PCB with a high thermal conductivity for up to 480 pcs of 0.5W SMD2835 LED chips

Water and dust proof end-caps with build-in industrial grade silicone seals, harboring the connection terminals

Internal high quality power driver containing real Rubycon capacitors, Toshiba ICs and other high grade components

**Dimension (mm)**

T56-20W06/T56-30W06

T56-40W12/T56-60W12

T56-60W15/T56-75W15

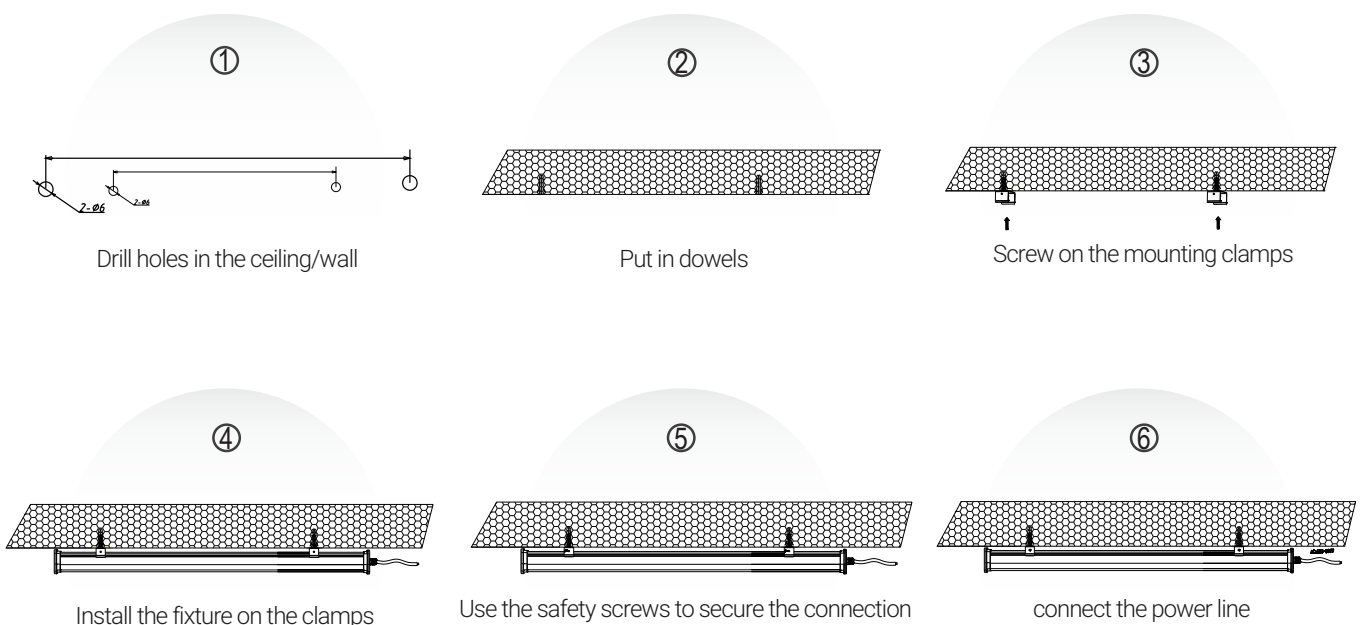
T56-80W24/T56-110W24

## Accessories

- Carefully read and follow all warnings and instruction before installing or servicing the luminaire.
- The installation should be done by an individual familiar with the construction and operation of the luminaire.
- The installation of this luminaire must be in accordance with national and local building and electrical codes.
- The product must not be damaged or operated in a damaged condition.
- This luminaire must be directly wired on line. Any ballast or other power device perviously used with the replaced luminaire msut be removed.
- Between the luminaire and any possibly flammable material must be an appropriate safety space (at least 20cm).
- The luminaire must not be covered with heat insulating materias.
- Always provide proper ventilation around the luminaire and do not exceed the maximum ambient temperature.
- Compared to traditional lights the characteristic light distribution of the LED luminaire may differ. In order to be sure to meet your lighting require ments a photometric check of the installation is recommended.

## Installation Instructions for single use

- Drill two holes in the ceiling/wall at the position you want the fixture to be installed
- Put in the dowels and screw on the mounting clamps
- Install the light by pushing it into the mounting clamps. Make sure the claps click in
- Secure the mounting connection by screwing in the safety screws into the mounting clamps
- Open the end cap and connect the power line to the terminal block
- Close the end cap and tighten the cable screw to secure the cable
- If you use the light in a continuous line, open up the other side and connect the connection line to the internal terminal block
- Close the end cap and tighten the cable screw to secure the cable



## Maintenance

- To avoid injuries, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency basis of use and environment should determine this.
- The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the topside on the luminaire to ensure that it is free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.



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