

# LED TRI-PROOF LIGHT

P Series Specification sheet



OPTION



Emergency



Dimmable



DALI



Sensor



IP66 IK10



## PRODUCT DESCRIPTION

**Fulton** Tri-proof light is usually used in environment which require water-proof ,dust-proof ,corrosion-proof lighting ,such as shopping mall , warehouse and other indoor places . The lamp features with smooth surface , no dust deposition ,can be ceiling mounted or suspending mounted.

## FEATURES:

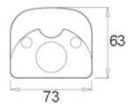
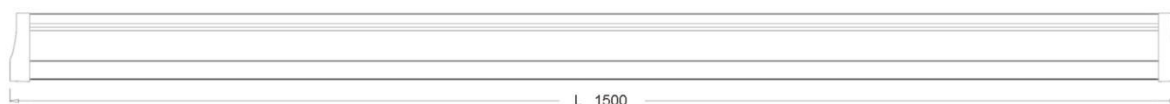
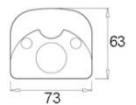
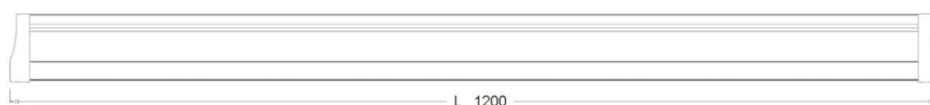
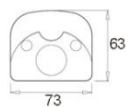
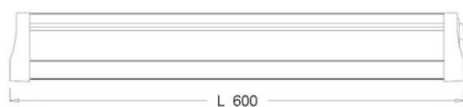
- Water-proof design without adhesive, so there is no water leakage caused by adhesive aging , Convenient to disassemble;
- Light panel and PSU adopt modular design, connected via terminals, easy and convenient to Maintain, no need of soldering;
- Energy saving and eco-friendly, no IR or UV, no mercury contamination , RoHS compliant;
- High transmittance PC cover transmit soft light + small power LEDs, high light efficiency, uniform Light; No dark spot;
- High efficient heat dissipation, LEDs and power supply with low temperature rise, high stability under Continuous working;
- Can be switched on/off frequently, good color rendering performance. Compact appearance, novel design style, easy to install and transport;

## APPLICATIONS:

Car Washes/Food processing  
Gas Station/Laboratories  
Industrial Facilities  
Refrigeration/Freezers  
Parking Garage/Utility  
Warehouse/Supermarket  
Chicken farm / Cattle farm



## Dimensions(mm)



**Standard**



**IK10** **IP66**  
IMPACT PROTECTION OUTDOOR RATED



**Technical specifications(Ta=25 °C)**

Model	FLT-TP-20L6	FLT-TP-30L12	FLT-TP-30L15	FLT-TP-50L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	18 W	30 W	30 W	50 W
Weight	0.95 KG	1.8 KG	2.0 KG	2.0 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical Protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
Driver	Osram isolated driver			
CRI	>80			
Rated luminous Flux(lm)	2520-2700	4200-4500	4200-4500	7000-7500
Input Voltage	200~240V AC 50/60Hz			
Power Factor	≥0.92			
THD	≤20%			
Beam angle	120°			
Average Lifespan Ta25°C	>50,000 hours			
Warranty	5 years			
Operating Temperature	-20°C~+45°C			
IP Rating	IP66			
Standard	CE、RoHS、D-MARK、WEEE、IK10			

\*Note: 1) 3000K comes up with lower lumen.  
2) Luminous Flux tolerance ±5%.  
3) The above data are tested by Fulton instruments.

\*Please contact your Fulton representative to order products that don't have order codes listed here or any info required  
\*Due to continuing product improvements, Fulton Lighting reserves the right to change the specifications without notice.

**0-10V Dimmable**



**IK10 IP66**  
IMPACT PROTECTION OUTDOOR RATED



**IP66 IK10**

**Technical specifications(Ta=25 °C)**

Model	FLT-TP-20L6	FLT-TP-30L12	FLT-TP-30L15	FLT-TP-50L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	18 W	30 W	30 W	50 W
Weight	1.05 KG	1.95 KG	2.3 KG	2.3 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical Protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
CRI	>80			
Rated luminous Flux(lm)	0-2700	0-4500	0-4500	0-7500
Driver	BOKE			
Input Voltage	200~240V AC 50/60Hz			
Power Factor	≥0.92			
THD	≤20%			
Beam angle	120°			
Average Lifespan Ta25°C	>50,000 hours			
Warranty	5 years			
Operating Temperature	-20°C~+45°C			
IP Rating	IP66			
Standard	CE、RoHS、D-MARK、WEEE、IK10			

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**DALI Dimmable**



**IK10 IP66**  
IMPACT PROTECTION OUTDOOR RATED



**IP66 IK10**

**Technical specifications(Ta=25 °C)**

Model	FLT-TP-20L6	FLT-TP-30L12	FLT-TP-30L15	FLT-TP-50L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	18 W	30 W	30 W	50 W
Weight	1.05 KG	1.95 KG	2.3 KG	2.3 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
CRI	>80			
Rated luminous Flux(lm)	0-2700	0-4500	0-4500	0-7500
Driver	Osram			
Input Voltage	200~240V AC 50/60Hz			
Power Factor	≥0.92			
THD	≤20%			
Beam angle	120°			
Average Lifespan Ta25°C	>50,000 hours			
Warranty	5 years			
Operating Temperature	-20°C~+45°C			
IP Rating	IP66			
Standard	CE、RoHS、D-MARK、WEEE、IK10			

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**Emergency**



**IK10 IP66**  
IMPACT PROTECTION OUTDOOR RATED



**IP66 IK10**

**Technical specifications (Ta=25 °C)**

Model	FLT-TP-20L6	FLT-TP-30L12	FLT-TP-30L15	FLT-TP-50L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	18 W	30 W	30 W	50 W
Weight	1.25KG	2.15 KG	2.5 KG	2.5 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical Protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
CRI	>80			
Rated luminous Flux(lm)	2520-2700	4200-4500	4200-4500	7000-7500
Driver	Tridonic +Yihui			
Input Voltage	200~240V AC 50/60Hz			
Power Factor	≥0.92			
Emergency Power	4 W			
Emergency Time	3 Hours			
THD	≤20%			
Beam angle	120°			
Average Lifespan Ta25°C	>50,000 hours			
Warranty	5 years			
Operating Temperature	-20°C~+45°C			
IP Rating	IP66			
Standard	CE、RoHS、D-MARK、WEEE、IK10			

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## Microwave induction



**IK10**  
IMPACT PROTECTION

**IP66**  
OUTDOOR RATED



**IP66 IK10**

### Technical specifications (Ta=25 °C)

Model	FLT-TP-20L6	FLT-TP-30L12	FLT-TP-30L15	FLT-TP-50L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	18 W	30 W	30 W	50 W
Weight	0.95 KG	1.8 KG	2.0 KG	2.0 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical Protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
CRI	>80			
Rated luminous Flux(lm)	2200-2400	4400-4800	4400-4800	6600-7200
Input Voltage	200~240V AC 50/60Hz			
Detection sensor	HAISEN			
Microwave frequency	5.8GHz±75MHz			
Detection sensitivity	25%/50%/75%/100%			
Hold time	5s / 30s / 1min / 3min / 5min / 10min /20min / 30min			
Stand-by period	0s / 10s / 1min / 3min / 5min / 10min / 30min / +∞			
Mounting height	6-15 m			
Motion detection	0.5 ~ 3 m/s			
Power Factor	≥0.92			
THD	≤20%			
Beam angle	120°			
Average Lifespan Ta25°C	>50,000 hours			
Warranty	5 years			
Operating Temperature	-20°C~+45°C			
IP Rating	IP66			
Standard	CE, RoHS, D-MARK, WEEE, IK10			

\*Note: 1) 3000K comes up with lower lumen. 2) Luminous Flux tolerance ±5%. 3) The above data are tested by Fulton instruments.

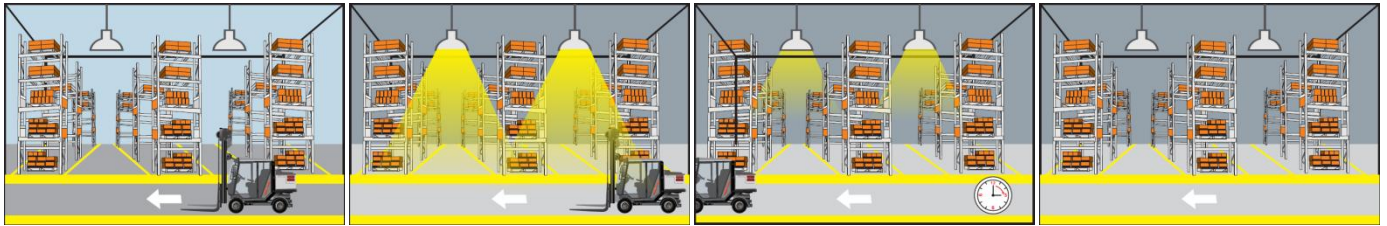
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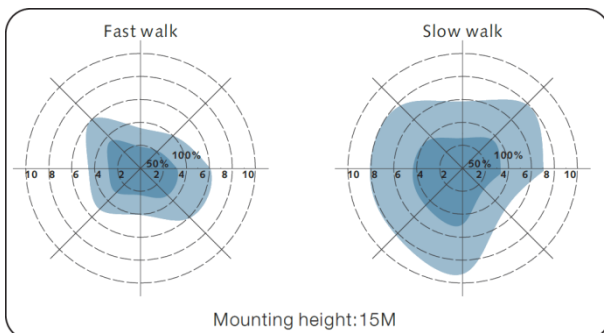
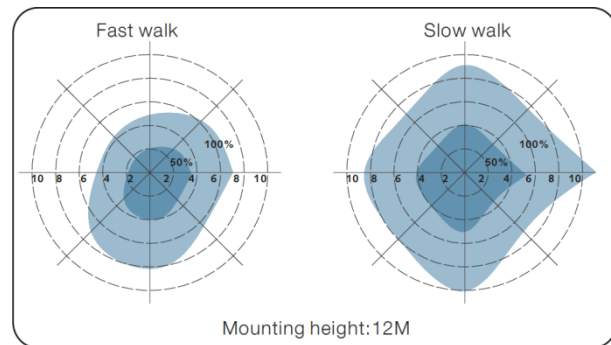
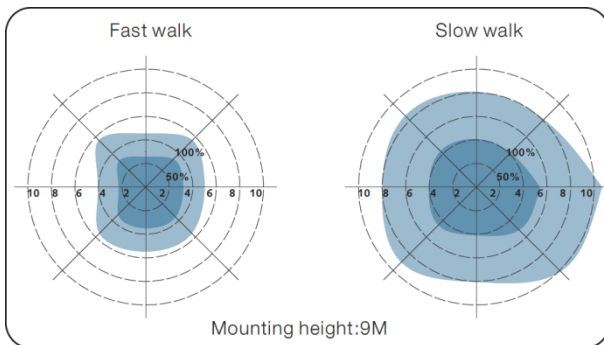
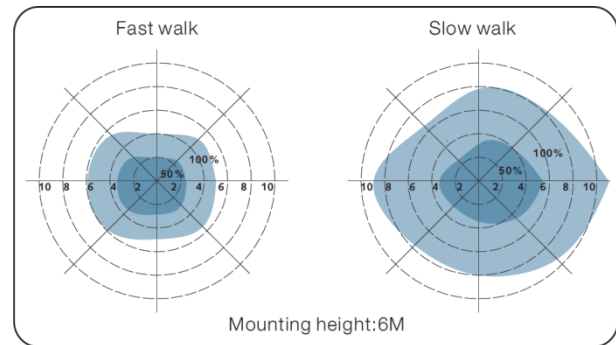
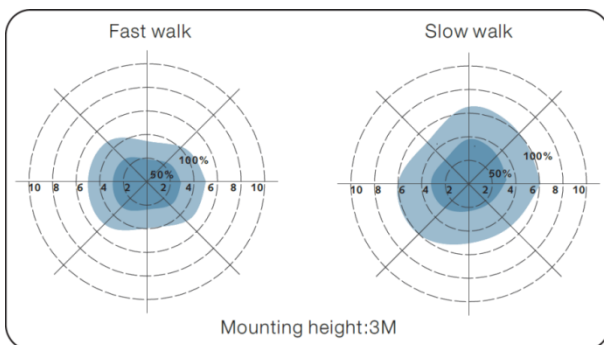
## Microwave induction

### ON/OFF function

We preset the product in customize, 100%---> low light or off. Easy to install and cost-effective.



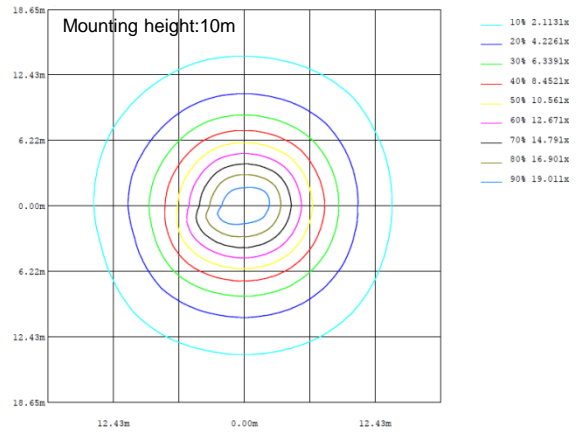
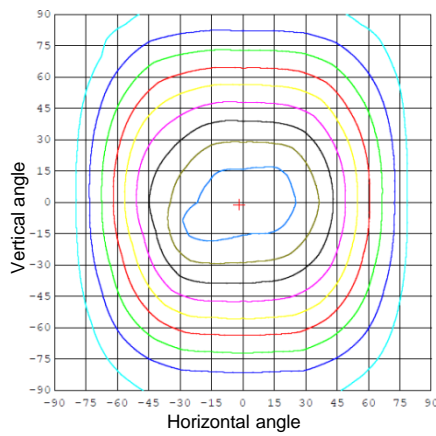
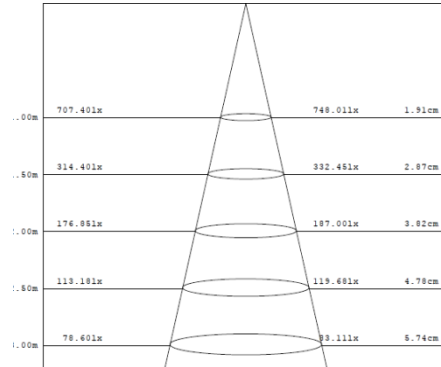
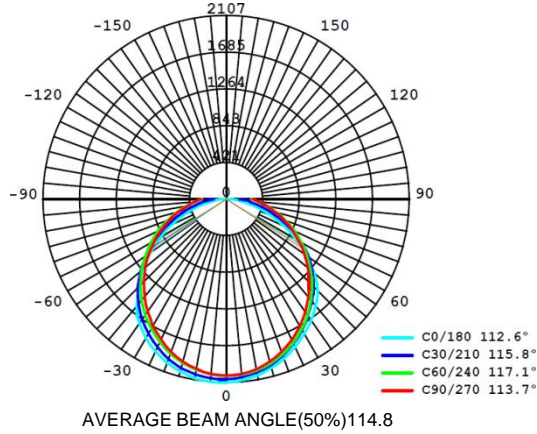
### Detection Pattern



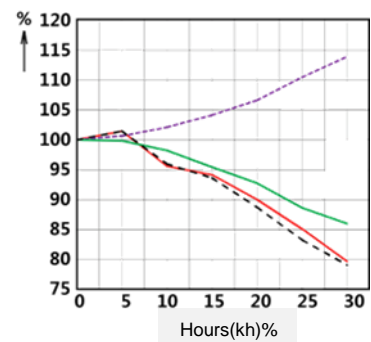
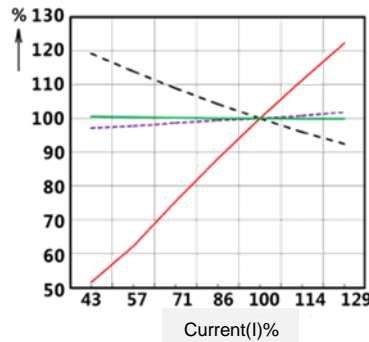
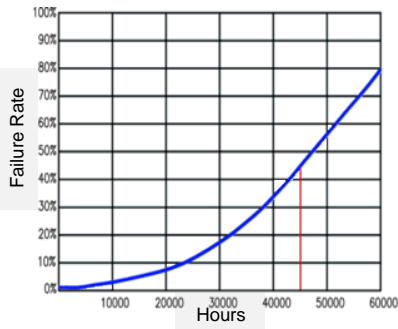


# LED Tri-proof light

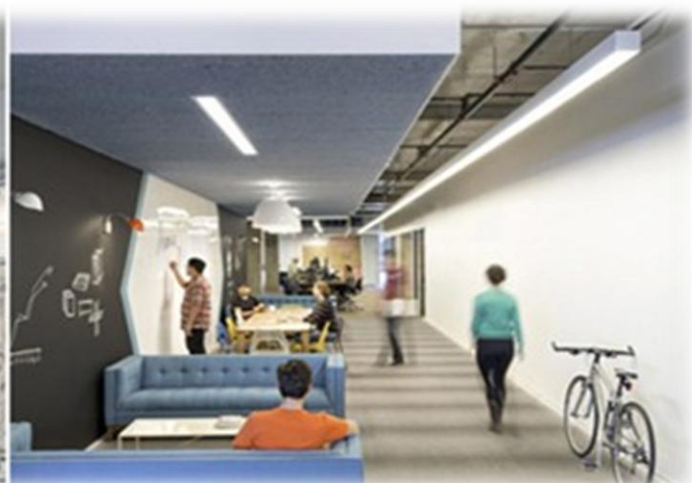
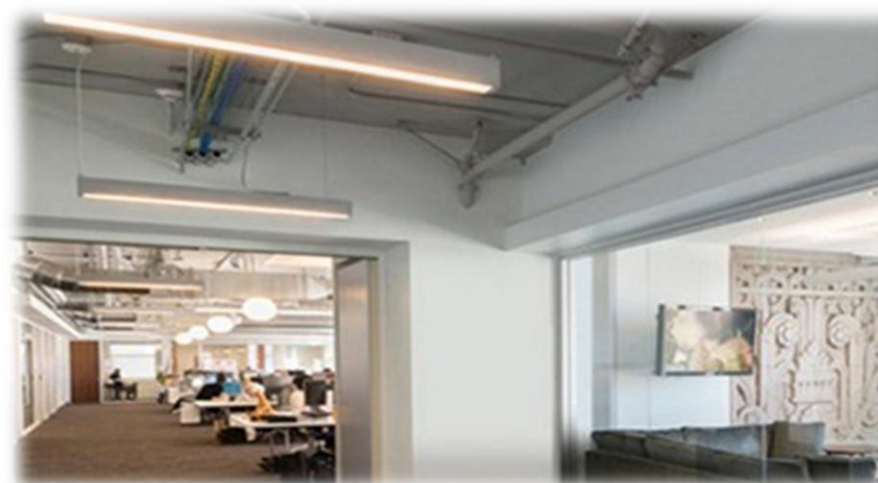
## Photometric Diagram



## Lifetime + Sustainability



— Luminous Efficacy   
 - - Rated Luminous Flux   
 - - - CCT   
 — CRI



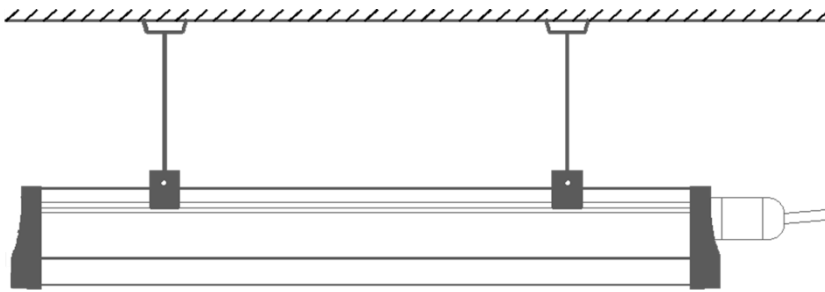
# LED Tri-proof light

## Wiring diagram

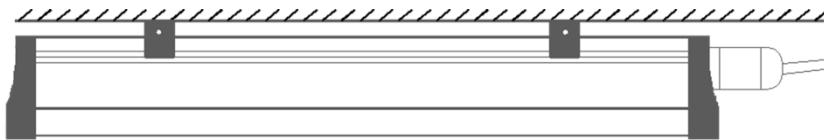
Cautions:

Before installation, be sure to cut off electricity to avoid electric shock.

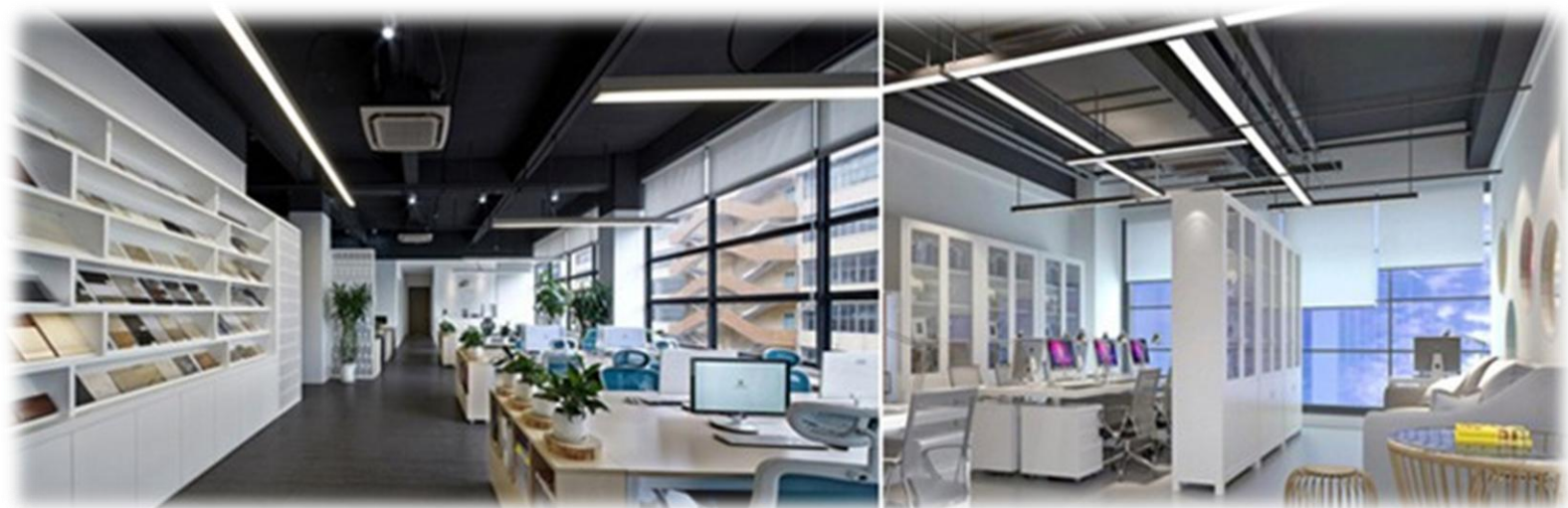
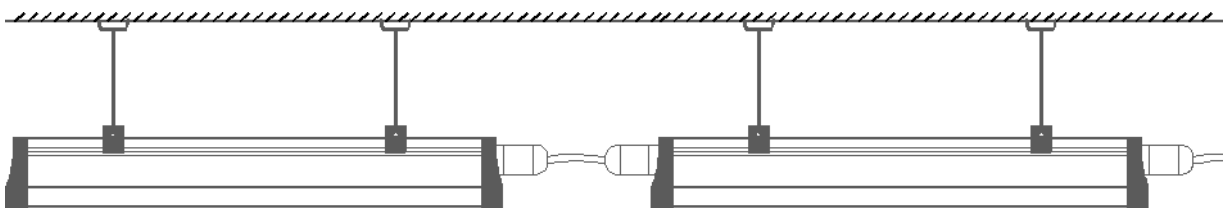
This is one end wiring LED Tri-proof light with build-in driver. Powered by the voltage labeled on the LED Tri-proof light , no need to add other drivers.



**A** hanging



**B** Ceiling type



# LED Tri-proof light

## Package Information

Item	Length	O'ty per carton (pcs)	G.W (KG)				Carton size L*W*H (mm)
			standard	dimnable	emergency	microwave	
FLT-TP-L6	0.6m	20	20.5	22.5	23.5	20.5	680*420*300
FLT-TP-L12	1.2m	10	20	22	24	20	1280*420*160
FLT-TP-L15	1.5m	10	23	25	26.5	23	1580*420*160

