

LED TRI-PROOF LIGHT

M Series Specification sheet



CE    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:

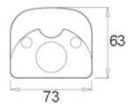
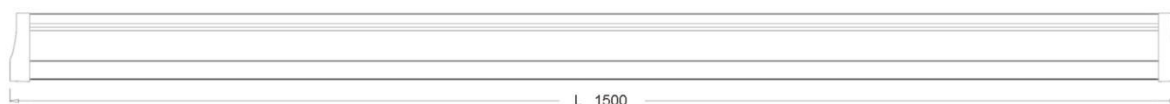
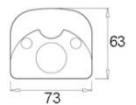
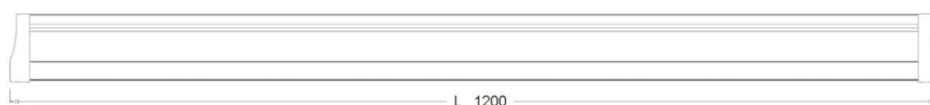
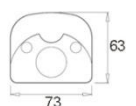
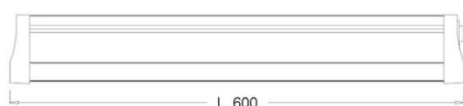
- Water-proof design without adhesive, so there is no water leakage caused by adhesive aging , Convenient to disassemble;
- Light panel and PSU adopt modular design, connected via terminals, easy and convenient to Maintain, no need of soldering;
- Energy saving and eco-friendly, no IR or UV, no mercury 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



IP66 IK10

Technical specifications (Ta=25 °C) GWIT test 650 °C

Model	FLT-TP-20L6	FLT-TP-40L12	FLT-TP-40L15	FLT-TP-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	20 W	40 W	40 W	60 W
Weight	0.75 KG	1.5 KG	1.8 KG	1.8 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
Driver	Osram/Philip/Tridonic			
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) GWIT test 650 °C

Model	FLT-TP-20L6	FLT-TP-40L12	FLT-TP-40L15	FLT-TP-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	20 W	40 W	40 W	60 W
Weight	0.8 KG	1.55 KG	1.85 KG	1.85 KG
Cover	Diffusion			
Energy Efficiency Class	A+			
Electrical Protection	Class I			
Color	3000K / 4000K / 5000K / 6000K			
CRI	>80			
Rated luminous Flux(lm)	0-2400	0-4800	0-4800	0-7200
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) GWIT test 650 °C

Model	FLT-TP-20L6	FLT-TP-40L12	FLT-TP-40L15	FLT-TP-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	20 W	40 W	40 W	60 W
Weight	0.8 KG	1.55 KG	1.85 KG	1.85 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
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			
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Emergency



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IP66 IK10

Technical specifications (Ta=25 °C) GWIT test 650 °C

Model	FLT-TP-20L6	FLT-TP-40L12	FLT-TP-40L15	FLT-TP-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	20 W	40 W	40 W	60 W
Weight	0.9 KG	1.7 KG	1.95 KG	1.95 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
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			
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Microwave induction



IK10 **IP66**
IMPACT PROTECTION OUTDOOR RATED



IP66 IK10

Technical specifications (Ta=25 °C) GWIT test 650 °C

Model	FLT-TP-20L6	FLT-TP-40L12	FLT-TP-40L15	FLT-TP-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)	150cm (5 feet)
Power	20 W	40 W	40 W	60 W
Weight	0.75 KG	1.5 KG	1.8 KG	1.8 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			

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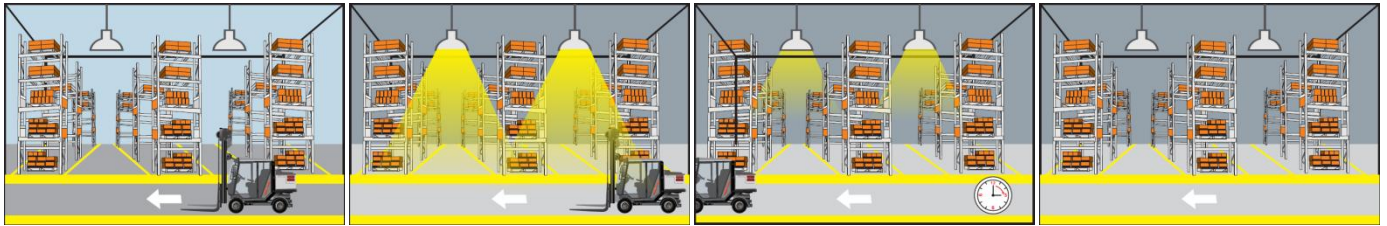
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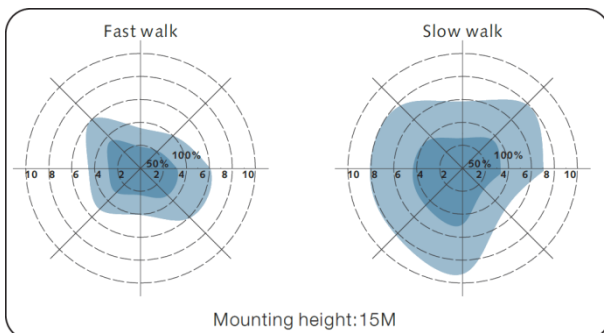
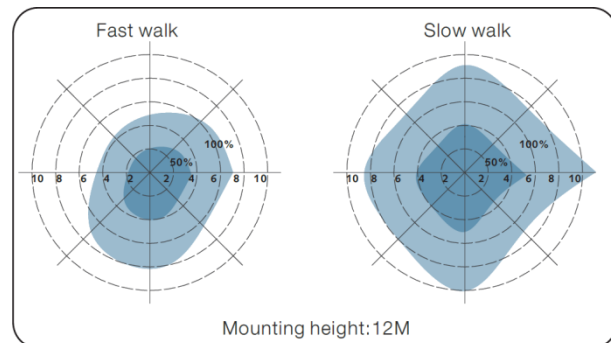
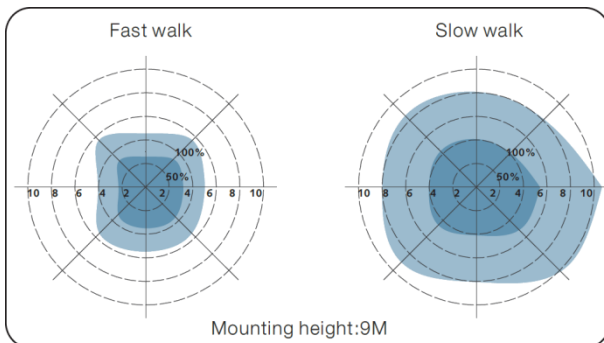
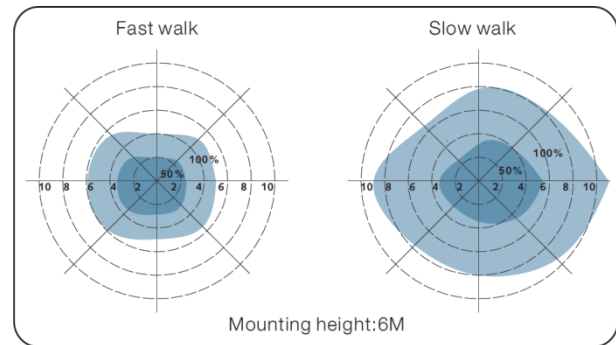
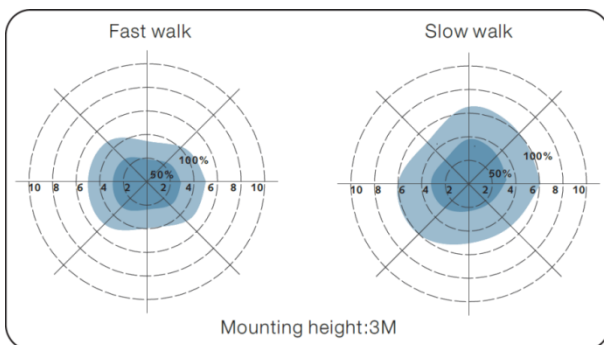
Microwave induction

ON/OFF function

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

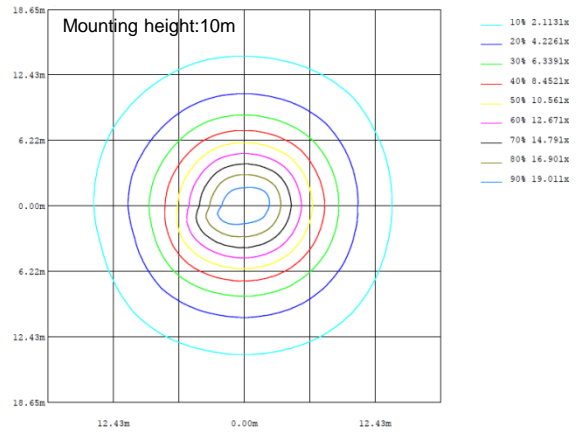
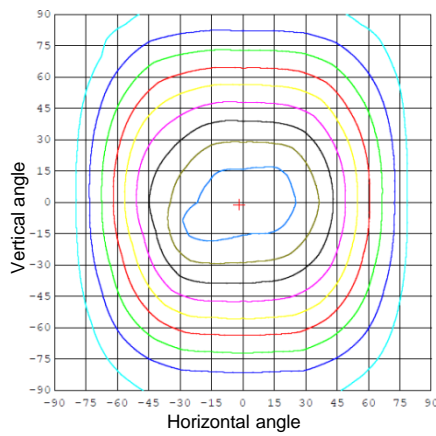
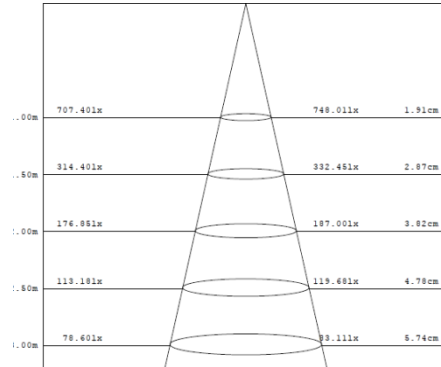
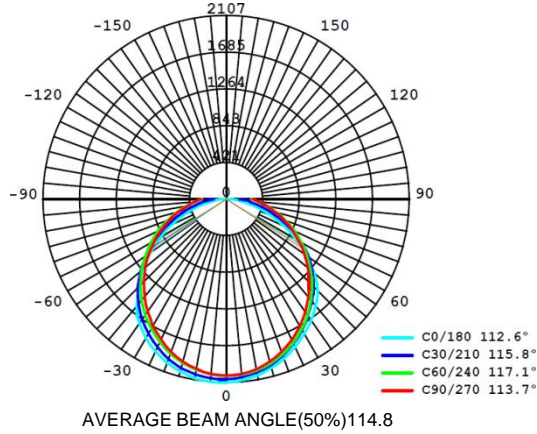


Detection Pattern

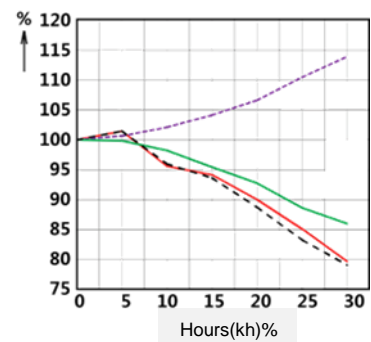
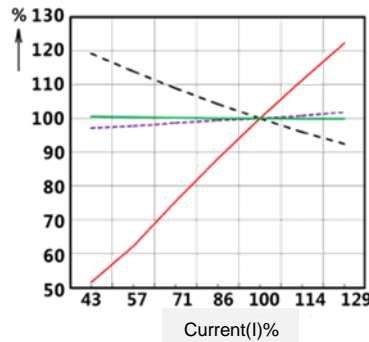
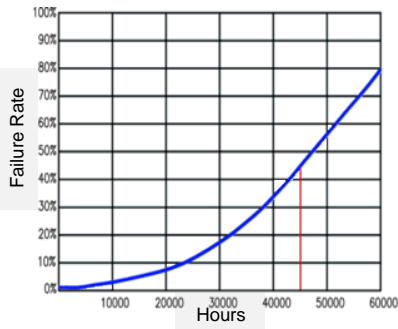


LED Tri-proof light

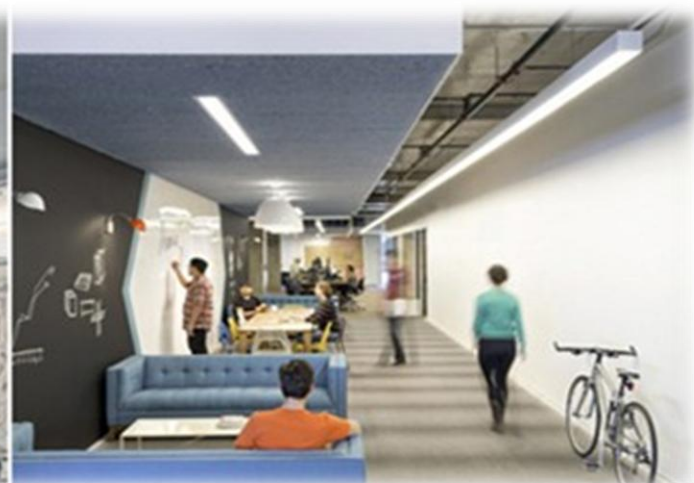
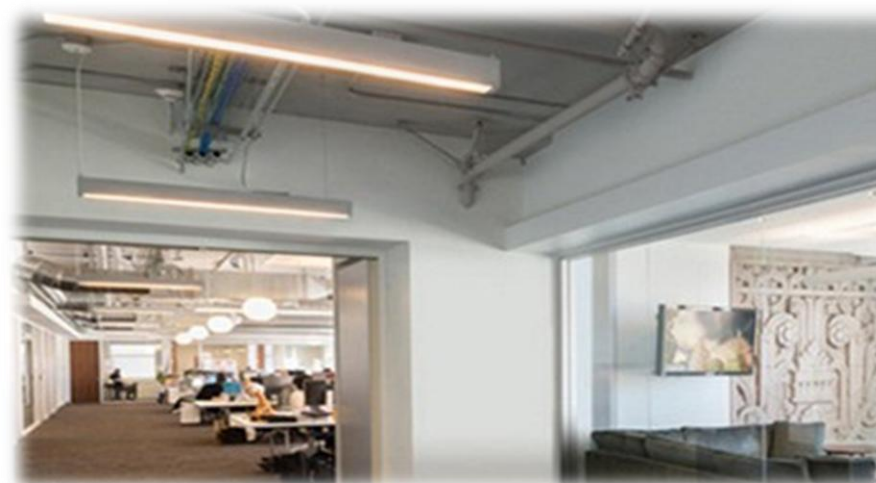
Photometric Diagram



Lifetime +Sustainability



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



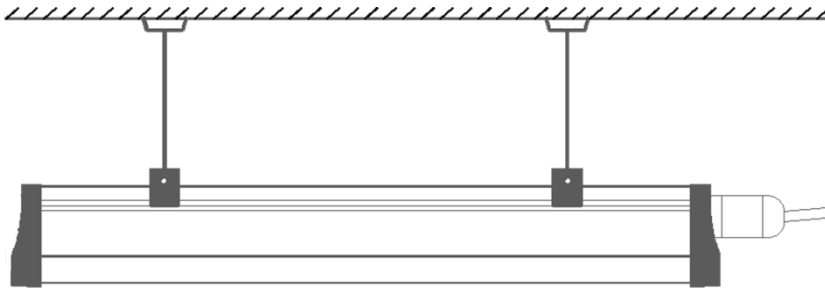
LED Tri-proof light

Wiring diagram

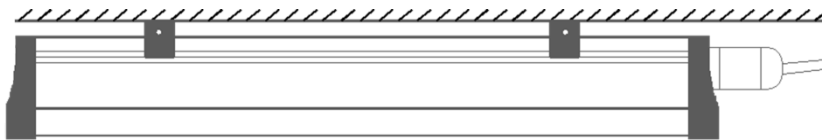
Cautions:

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

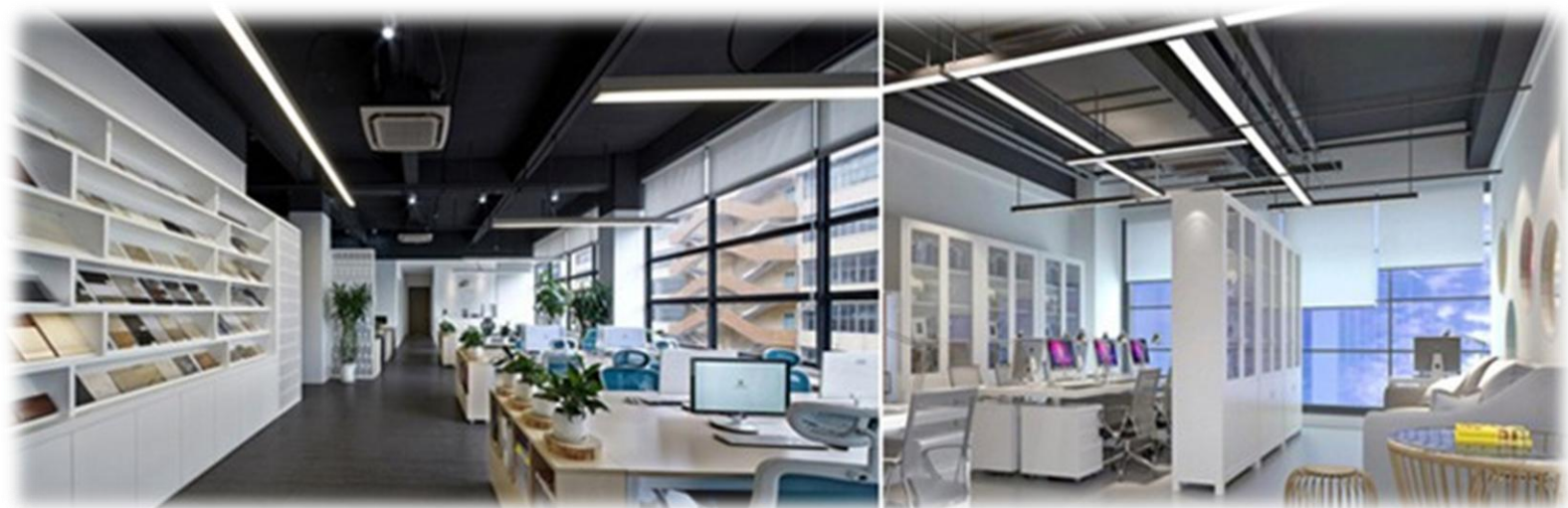
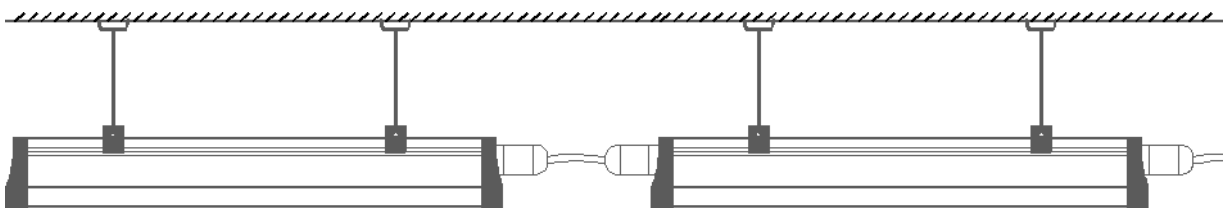
This is one end wiring LED Tri-proof light with build-in driver. Powered by the voltage labeled on the LED Tri-proof light, no need to add other drivers.



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	18.5	19.5	20.5	18.5	680*420*300
FLT-TP-L12	1.2m	10	16.5	17.5	18.5	16.5	1280*420*160
FLT-TP-L15	1.5m	10	20	21	22	20	1580*420*160

