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LED TRI-PROOF LIGHT

O Series Specification sheet

OPTION

Emergency   1-10V Dimmable   DALI   Sensor

CE   RoHS   SAA   IP66   IK08

Quality   BEST PRICE!   BEST SERVICE AWARDS

PRODUCT DESCRIPTION

Our 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)

Size	L	W	H
60cm(2 feet)	590mm	95mm	75mm
120cm(4 feet)	1190mm	95mm	75mm
150cm(5 feet)	1490mm	95mm	75mm

IK08 IMPACT PROTECTION **IP66** OUTDOOR RATED

3 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

CE | RoHS | SAA | D | IP66 IK08

Standard

Technical specifications(Ta=25 ℃) GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power(adjustable)	12/14/17/20 W	25/30/35/40 W	35/40/50/60 W
Weight	0.77 KG	1.26 KG	1.55 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K / 6000K		
CRI	＞80		
Luminous efficacy (lm/w)	120-130	120-130	120-130
Driver	FULTON		
Input Voltage	200~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Average Lifespan Ta25 ℃	>50,000 hours		
Warranty	3 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、SAA 、IK08		

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

*Please contact our sales representative to order products that don't have order codes listed here or any info required
*Due to continuing product improvements, SL reserves the right to change the specications without notice.

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IK08 IMPACT PROTECTION **IP66** OUTDOOR RATED

5 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

CE ✓ RoHS SAA ▽ IP66 IK08

POWER/CCT Adjustable

Technical specifications(Ta=25 ℃) GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power(adjustable)	12/14/17/20 W	25/30/35/40 W	35/40/50/60 W
Weight	0.77 KG	1.26 KG	1.55 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K (adjustable)		
CRI	＞80		
Luminous efficacy (lm/w)	120-130	120-130	120-130
Driver	Osram		
Input Voltage	200~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、SAA 、IK08		

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　　　　2）Luminous Flux tolerance ±5%.
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Dimmable DC 0-10V

5 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

CE | RoHS | SAA | D | IP66 IK08

0-10V dimmable & CCT Adjustable

Technical specifications(Ta=25 ℃)　GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.85 KG	1.35 KG	1.65 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K (adjustable)		
CRI	＞80		
Output Lumen	2400-2600 lm	4800-5200 lm	7200-7800 lm
Driver	BOKE		
Input Voltage	200~240V AC　50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、SAA 、IK08		

*Note：1）3000K comes up with lower lumen.
　　　2）Luminous Flux tolerance ±5%.
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Dimmable DALI

5 YEARS · 50,000H · 82 CRI(Ra) · INSTANT ON · WIDE BEAM

CE · RoHS · SAA · D · IP66 · IK08

DALI Dimmable & CCT Adjustable

Technical specifications(Ta=25 ℃) GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.85 KG	1.35 KG	1.65 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K (adjustable)		
CRI	＞80		
Luminous efficacy (lm/w)	2400-2600 lm	4800-5200 lm	7200-7800 lm
Driver	Osram		
Input Voltage	200~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、SAA 、IK08		

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

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IK08 IMPACT PROTECTION **IP66** OUTDOOR RATED

BACKUP

5 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

CE | RoHS | SAA | D | IP66 IK08

Emergency & CCT Adjustable

Technical specifications(Ta=25 ℃)　GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.95 KG	1.45 KG	1.75 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K (adjustable)		
CRI	＞80		
Luminous efficacy (lm/w)	2400-2600	4800-5200	7200-7800
Driver	Tridonic + Yihui		
Emergency time and Power	3hours/2w		
Input Voltage	200~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、SAA 、IK08		

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

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IK08 IMPACT PROTECTION **IP66** OUTDOOR RATED

SENSOR

5 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

CE RoHS SAA D IP66 IK08

Microwave Induction & CCT Adjustable

Technical specifications(Ta=25 ℃) GWT 650℃ / 850℃

Model	SL-SFA00-220LT-H-O	SL-SFA00-440LT-H-O	SL-SFA00-560LT-H-O
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.77 KG	1.26 KG	1.55 KG
Cover	Diffusion/frost		
Material	ABS + PC / PC + PC / GRP + PC		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K / 6000K		
CRI	>80		
Rated luminous Flux(lm)	2200-2400	4800-5200	7200-7800
Input Voltage	200~240V AC 50/60Hz		
Detection sensor	HAISEN		
Microwave frequency	5.8GHz±75MHz		
Detection sensitivity(area)	50%/100%		
Hold time	5s/60s/3min/10min		
Daylight threshold	30lux/Disable		
Mounting height	6-15m		
Detection angle	30 °- 150°		
Motion detection	0.5 ~ 3 m/s		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	120°		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP66		
Standard	CE、RoHS、D-MARK、WEEE 、IK10		

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ON/OFF function

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

Detection Pattern

Fast walk   Slow walk
Mounting height:3M

Fast walk   Slow walk
Mounting height:6M

Fast walk   Slow walk
Mounting height:9M

Fast walk   Slow walk
Mounting height:12M

Fast walk   Slow walk
Mounting height:15M
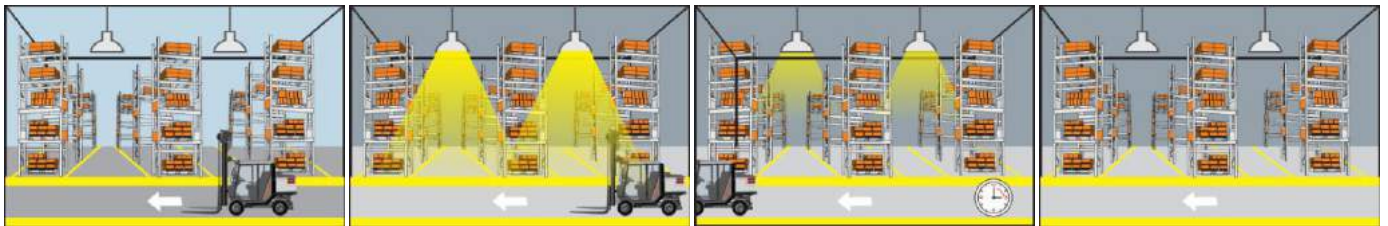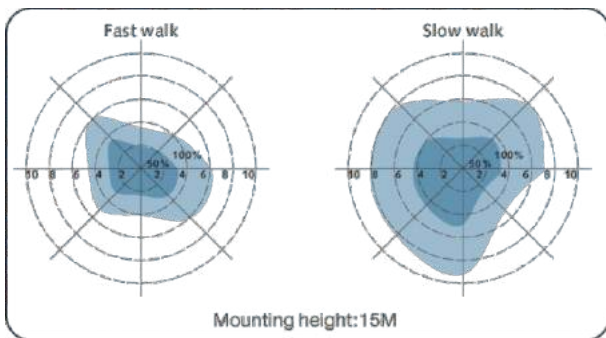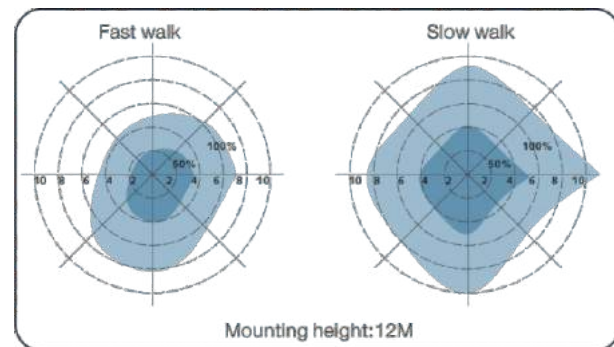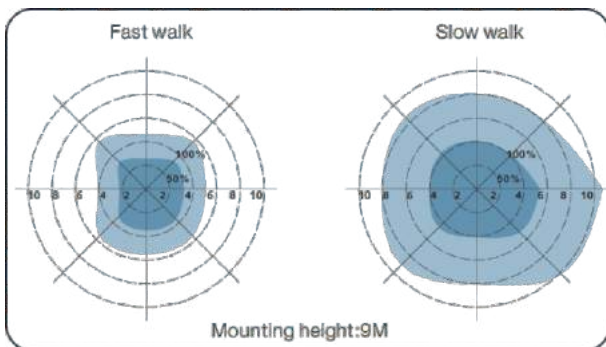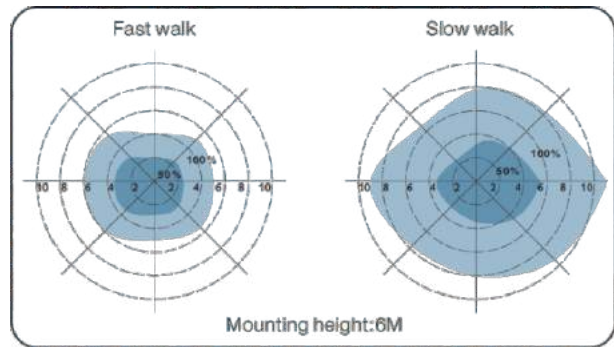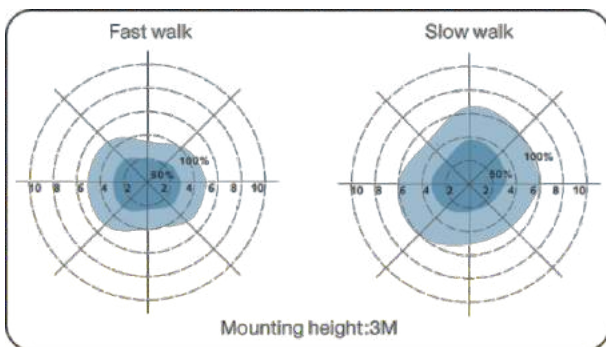
LED Tri-proof light

Operation of changing power and changing CCT

Item	Current corresponding to different power			
	350 mA	300 mA	250 mA	200 mA
0.6m	20 W	17 W	14 W	12 W
1.2m	40 W	35 W	30 W	25 W
1.5m	60 W	50 W	40 W	35 W

	PIN 1	PIN 2	CURRENT
	ON	ON	350 mA
	ON	OFF	300 mA
	OFF	ON	250 mA
	OFF	OFF	200 mA

	Item	CCT		
	0.6m	3000 K	4000 K	5000 K
	1.2m	3000 K	4000 K	5000 K
	1.5m	3000 K	4000 K	5000 K

LED Tri-proof light

Photometric Diagram

C Plane [60%MaxAng.] [10%MaxAng.]
- C180.0_360.0 :   103.4   202.4
- C0.0_180.0 :   103.4   202.4
- C90.0_270.0 :   107.9   161.0
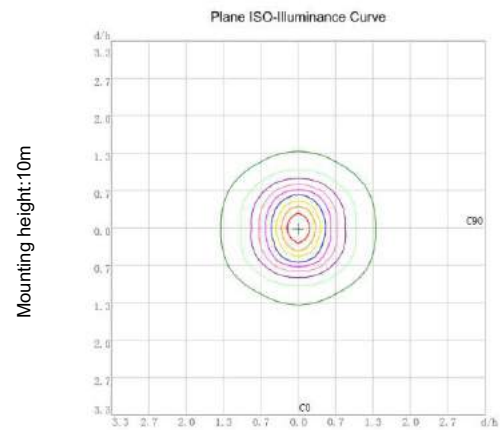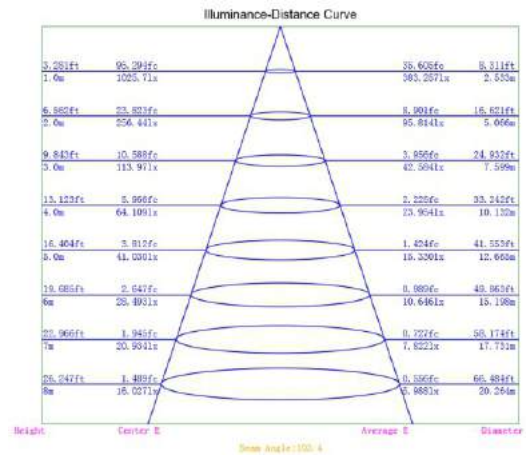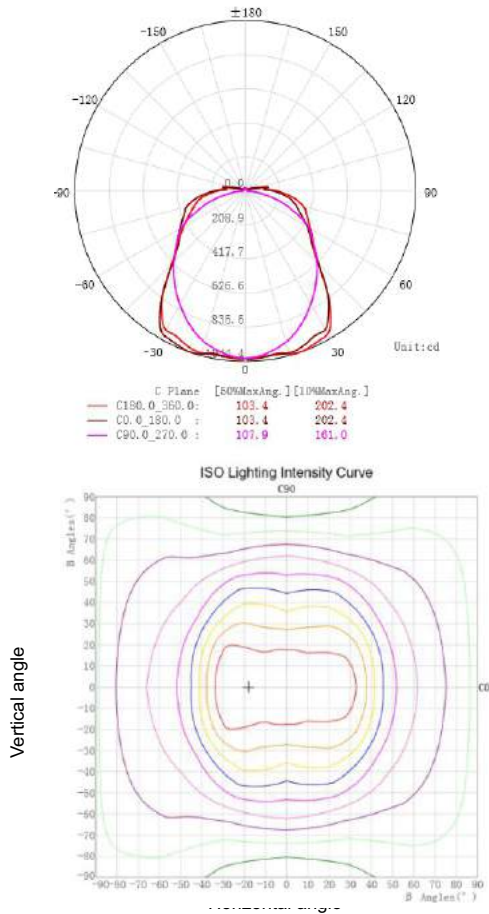
Lifetime +Sustainability
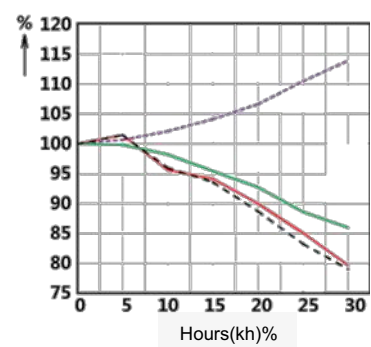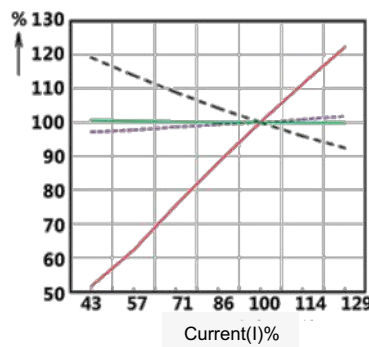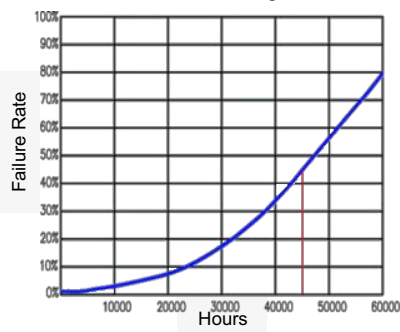
— Luminous Efficacy   - - Rated Luminous Flux   === CCT   — CRI
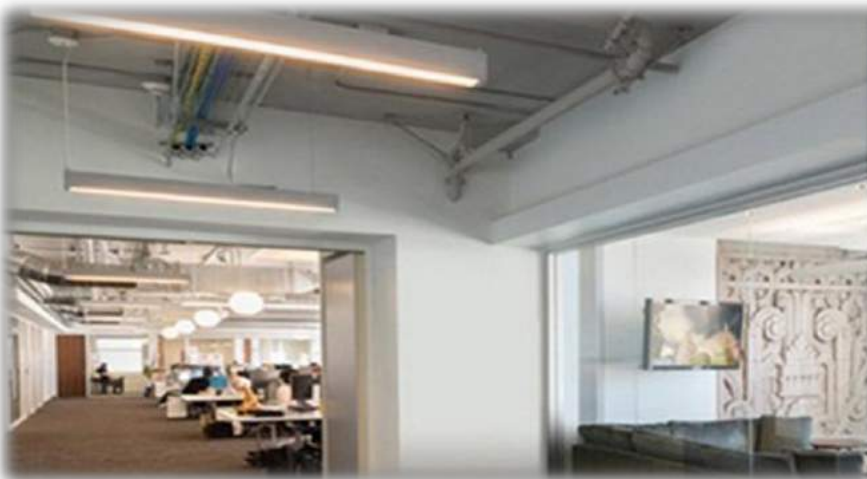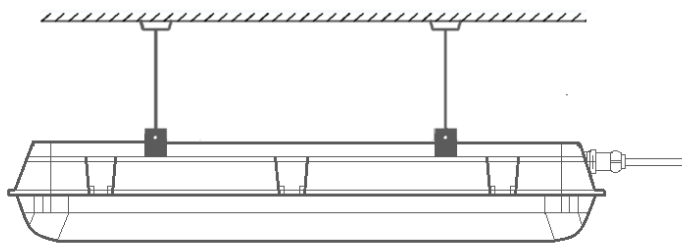
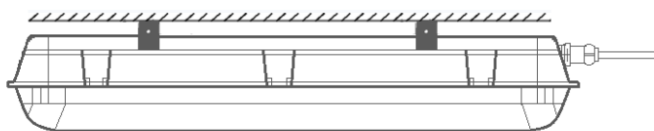# LED Tri-proof light

Wiring diagram

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Cautions:

Before installation, be sure to cut off electricity to avoid electric shock.
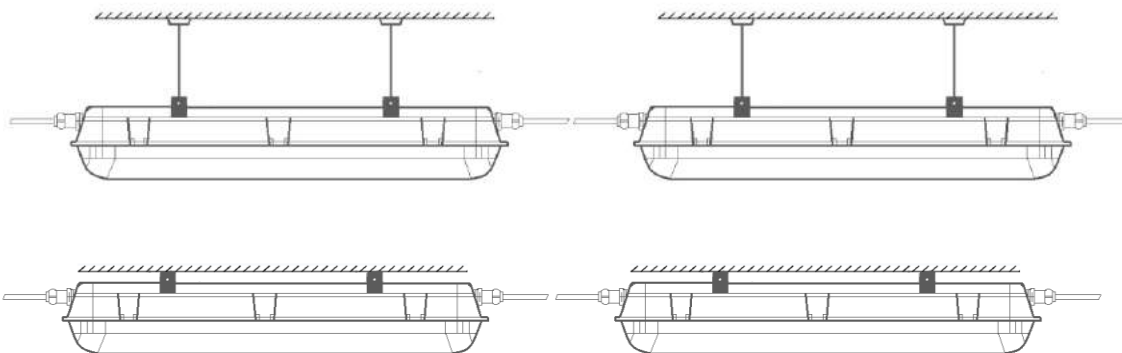
This is one end wiring LED Tri-proof light with build-in driver. Powered by the voltage

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)
FLT-TP-L6	0.6m	20	22	640*445*460
FLT-TP-L12	1.2m	10	18.5	1240*445*225
FLT-TP-L15	1.5m	10	24	1540*445*225

2x 2x 2x

0.6m

1.2m/1.5m