# LED TRI-PROOF LIGHT

**Fulton**

## S Series Specification sheet

OPTION

Emergency | 1-10V Dimmable | DALI

CE | RoHS | SAA | IP66 | IK10

Quality

BEST PRICE!

BEST SERVICE AWARDS

## 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.
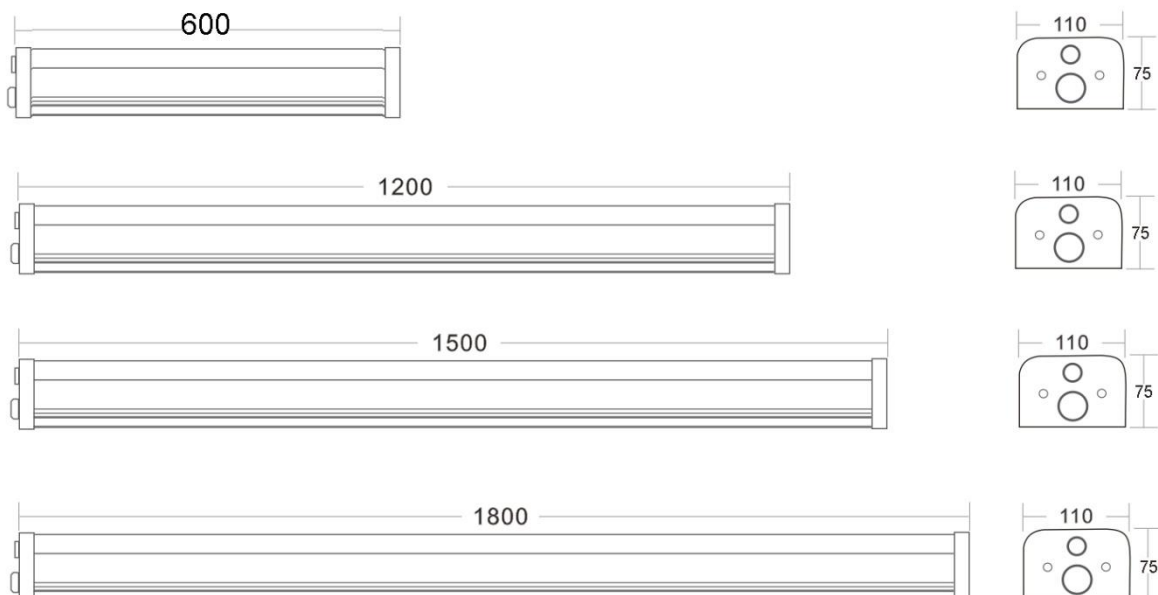
## FEATURES:

• 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;
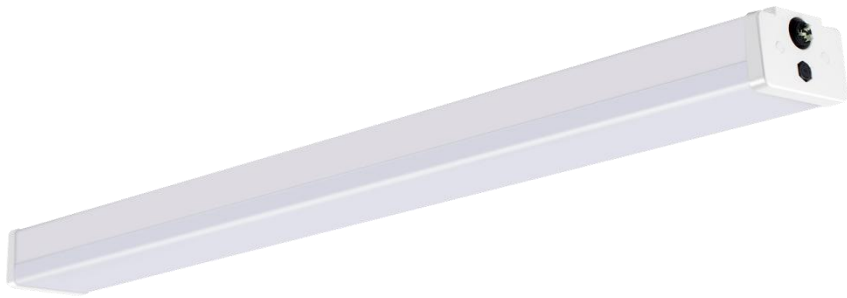
## APPLICATIONS:

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



## *Dimensions(mm)*

# Fulton

IK10 IMPACT PROTECTION / IP66 OUTDOOR RATED

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

CE ✓ RoHS SAA Ⓓ IP66 IK10

## Technical specifications(Ta=25℃)    *GWIT test 650℃*

| Model | FLT-TP-30L6 | FLT-TP-60L12 | FLT-TP-80L15 | FLT-TP-100L18 |
|---|---|---|---|---|
| Length | 60 cm (2 feet) | 120cm (4 feet) | 150cm (5 feet) | 180cm (6 feet) |
| Power | 30 W | 60 W | 80 W | 100 W |
| Weight | 1.1 KG | 2.2 KG | 2.7 KG | 3.2 KG |
| Cover | Diffusion | | | |
| Energy Efficiency Class | A+ | | | |
| Electrical Protection | Class I | | | |
| Color | 3000K / 4000K / 5000K / 6000K | | | |
| CRI | ＞80 | | | |
| Rated luminous Flux(lm) | 3900-4200 | 7800-8400 | 10400-11200 | 13000-14000 |
| Driver | Tridonic | | | |
| 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、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 IMPACT PROTECTION | IP66 OUTDOOR RATED

Dimmable DC 0-10V

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

CE | RoHS | SAA | D | IP66 IK10

## Technical specifications(Ta=25℃) GWIT test 650℃

| Model | FLT-TP-30L6 | FLT-TP-60L12 | FLT-TP-80L15 | FLT-TP-100L18 |
|---|---|---|---|---|
| Length | 60 cm (2 feet) | 120cm (4 feet) | 150cm (5 feet) | 180cm (6 feet) |
| Power | 30 W | 60 W | 80 W | 100 W |
| Weight | 1.1 KG | 2.2 KG | 2.7 KG | 3.2 KG |
| Cover | Diffusion | | | |
| Energy Efficiency Class | A+ | | | |
| Electrical Protection | Class l | | | |
| Color | 3000K / 4000K / 5000K / 6000K | | | |
| CRI | ＞80 | | | |
| Rated luminous Flux(lm) | 0-4200 | 0-8400 | 0-11200 | 0-14000 |
| 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、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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**DALI Dimmable**

IK10 IMPACT PROTECTION | IP66 OUTDOOR RATED

Dimmable DALI

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

CE ✓ RoHS SAA D IP66 IK10

## Technical specifications(Ta=25℃)    GWIT test 650℃

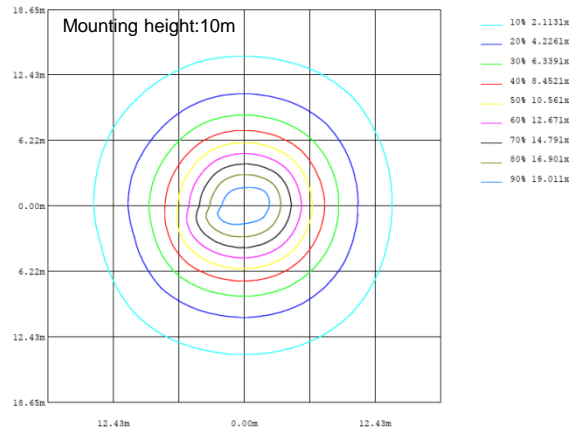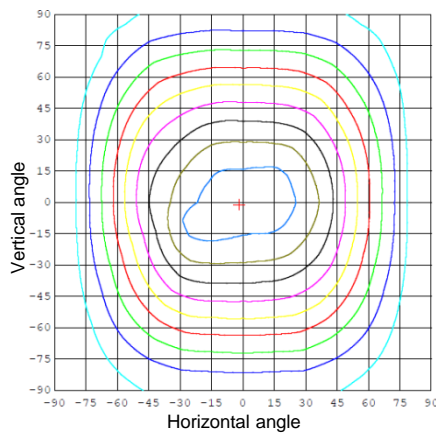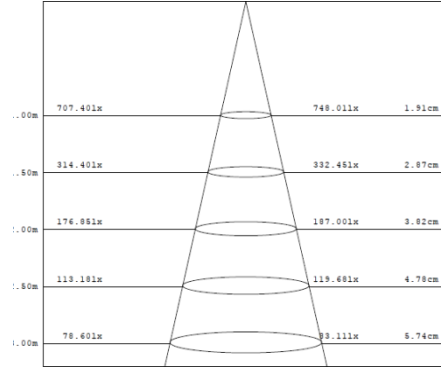| Model | FLT-TP-30L6 | FLT-TP-60L12 | FLT-TP-80L15 | FLT-TP-100L18 |
|---|---|---|---|---|
| Length | 60 cm (2 feet) | 120cm (4 feet) | 150cm (5 feet) | 180cm (6 feet) |
| Power | 30 W | 60 W | 80 W | 100 W |
| Weight | 1.1 KG | 2.2 KG | 2.7 KG | 3.2 KG |
| Cover | Diffusion | | | |
| Energy Efficiency Class | A+ | | | |
| Electrical Protection | Class I | | | |
| Color | 3000K / 4000K / 5000K / 6000K | | | |
| CRI | ＞80 | | | |
| Rated luminous Flux(lm) | 0-4200 | 0-8400 | 0-11200 | 0-14000 |
| 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、WEEE 、IK10 | | | |

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**Fulton**

IK10 IMPACT PROTECTION  IP66 OUTDOOR RATED

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

CE  RoHS  SAA  D  IP66  IK10

## Technical specifications(Ta=25℃) *GWIT test 650℃*

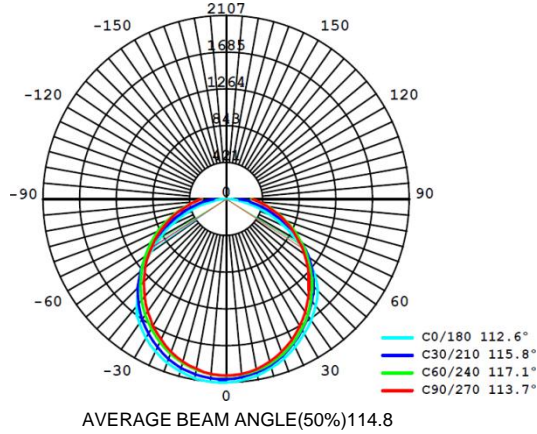| Model | FLT-TP-30L6 | FLT-TP-60L12 | FLT-TP-80L15 | FLT-TP-100L18 |
|---|---|---|---|---|
| Length | 60 cm (2 feet) | 120cm (4 feet) | 150cm (5 feet) | 180cm (6 feet) |
| Power | 30 W | 60 W | 80 W | 100 W |
| Weight | 1.2 KG | 2.3 KG | 2.8 KG | 3.3 KG |
| Cover | Diffusion | | | |
| Energy Efficiency Class | A+ | | | |
| Electrical Protection | Class I | | | |
| Color | 3000K / 4000K / 5000K / 6000K | | | |
| CRI | ＞80 | | | |
| Rated luminous Flux(lm) | 3900-4200 | 7800-8400 | 10400-11200 | 13000-14000 |
| 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℃ | >50,000 hours | | | |
| Warranty | 5 years | | | |
| Operating Temperature | -20℃~+45℃ | | | |
| 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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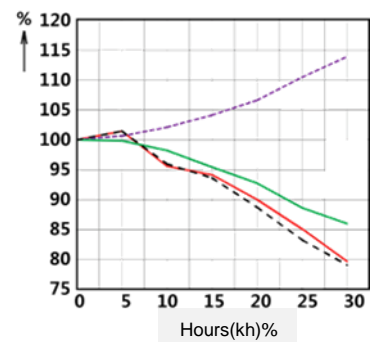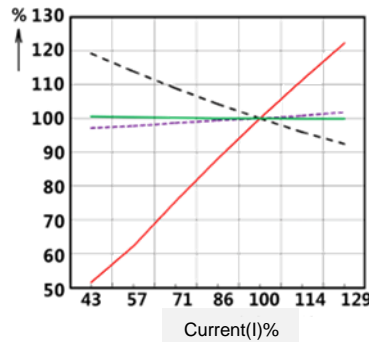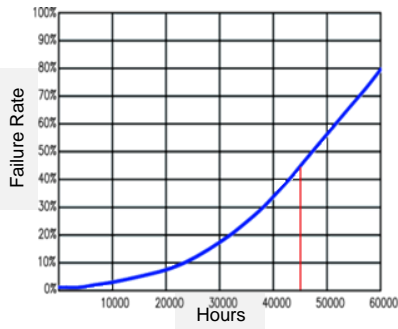*Due to continuing product improvements, Fulton Lighting reserves the right to change the specifications without notice.
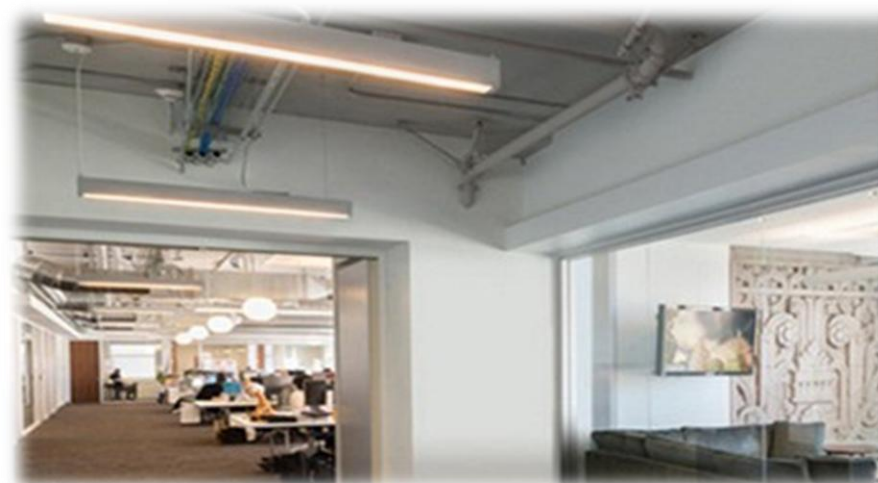
# LED Tri-proof light

## Photometric Diagram



C0/180 112.6°
C30/210 115.8°
C60/240 117.1°
C90/270 113.7°

AVERAGE BEAM ANGLE(50%)114.8

| | |
|---|---|
| 707.401x | 748.011x 1.91cm |
| 314.401x | 332.451x 2.87cm |
| 176.851x | 187.001x 3.82cm |
| 113.181x | 119.681x 4.78cm |
| 78.601x | 93.111x 5.74cm |

Mounting height:10m

10% 2.1131x
20% 4.2261x
30% 6.3391x
40% 8.4521x
50% 10.561x
60% 12.671x
70% 14.791x
80% 16.901x
90% 19.011x

Vertical angle

Horizontal angle

## Lifetime +Sustainability



Failure Rate
Hours

Current(I)%

Hours(kh)%

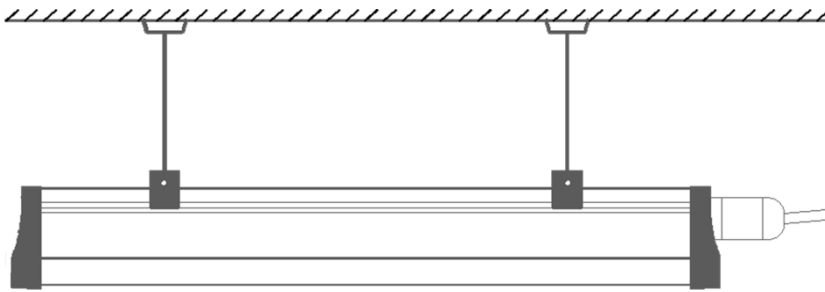—— Luminous Efficacy  - - Rated Luminous Flux  ---- CCT  —— CRI

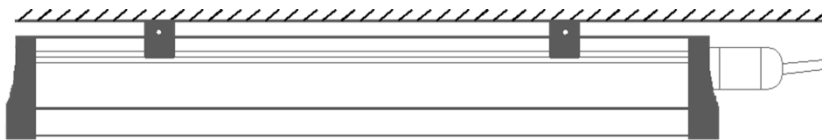# LED Tri-proof light

*Fulton*

## *Wiring diagram*

Cautions:

Before installation, be sure to cut off electricity to avoid electric shock.
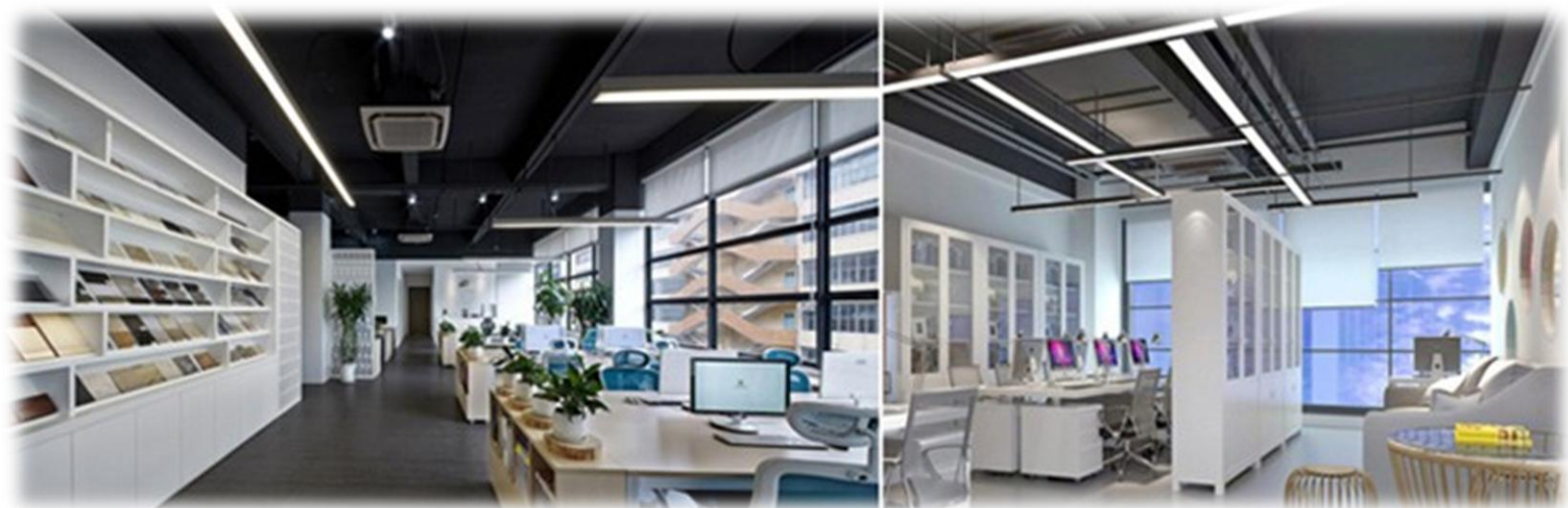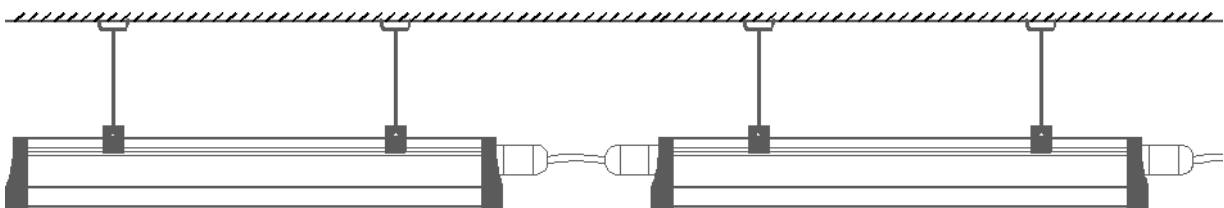
This is one end wiring LED Tri-proof light with build-in driver. Powered by the voltage labeled on the LED Tri-proof light , no need to add other drivers.

**A** hanging

**B** Ceiling type

# LED Tri-proof light

*Fulton*

## Package Information

| Item | Length | O'ty per carton (pcs) | G.W (KG) | | | | Carton size L*W*H (mm) |
|---|---|---|---|---|---|---|---|
| | | | standard | dimmable | emergency | microwave | |
| FLT-TP-L6 | 0.6m | 16 | 18.5 | 19.5 | 20.5 | 18.5 | 680*420*300 |
| FLT-TP-L12 | 1.2m | 8 | 19.5 | 20.5 | 11.5 | 19.5 | 1280*420*160 |
| FLT-TP-L15 | 1.5m | 8 | 25 | 26 | 27 | 25 | 1580*420*160 |
| FLT-TP-L18 | 1.8m | 8 | 30 | 31 | 32 | 30 | |

2x   2x   2x

0.6m

1.2m/1.5m/1.8m

www.fltled.com
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