LED TRI-PROOF LIGHT

G Series Specification sheet

OPTION

Emergency | 1-10V Dimmable | DALI

RoHS
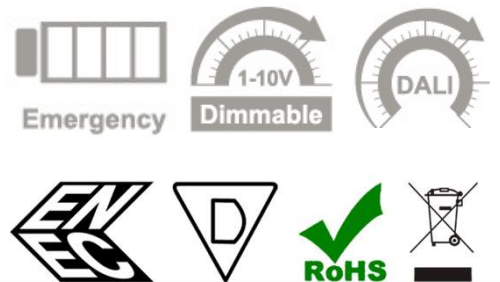
PRODUCT DESCRIPTION

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

IK08 IMPACT PROTECTION | IP69K OUTDOOR RATED

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

ENEC | D | RoHS

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

Model	FLT-TPG-20L6	FLT-TPG-40L12	FLT-TPG-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.75 KG	1.5 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)	2800-3000	5600-6000	8400-9000
Driver	Osram		
Input Voltage	220~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	240°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP69K		
Standard	ENEC、RoHS、D-MARK、IK10		

*Note：1）3000K comes up with lower lumen.   2）Luminous Flux tolerance ±5%.   3）The above data are tested by Fulton instruments.
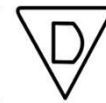
*Please contact your Fulton representative to order products that don't have order codes listed here or any info required
*Due to continuing product improvements, Fulton Lighting reserves the right to change the specifications without notice.

0-10V Dimmable

IK08 IMPACT PROTECTION **IP69K OUTDOOR RATED**

Dimmable DC 0-10V | 5 YEARS | 50,000H | 82 CRI(Ra) | INSTANT ON | WIDE BEAM

ENEC | D | RoHS

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

Model	FLT-TPG-20L6	FLT-TPG-40L12	FLT-TPG-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.8 KG	1.55 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)	0-3000	0-6000	0-9000
Driver	BOKE		
Input Voltage	220~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	240°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP69K		
Standard	ENEC、RoHS、D-MARK、IK10		

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DALI Dimmable

IK08 IMPACT PROTECTION | IP69K OUTDOOR RATED

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

ENEC | D | RoHS

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

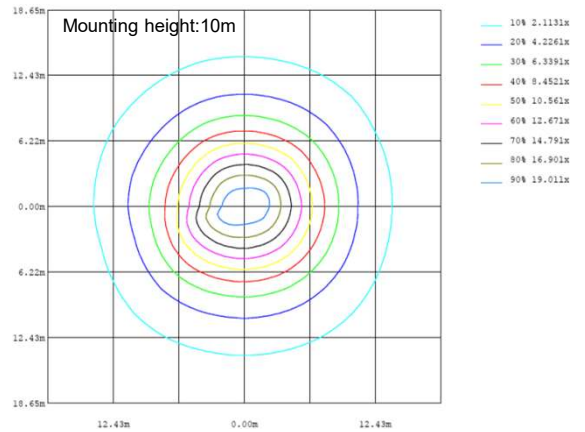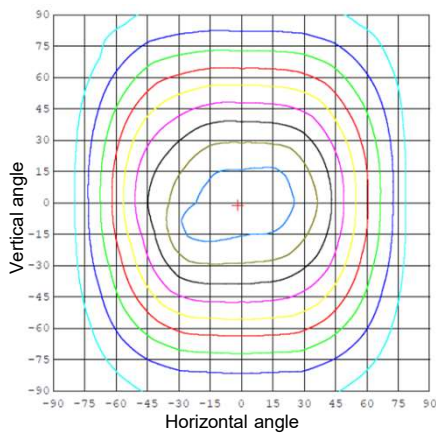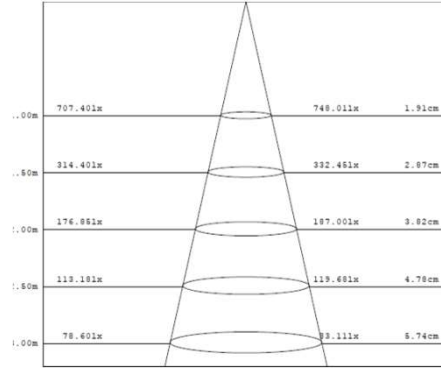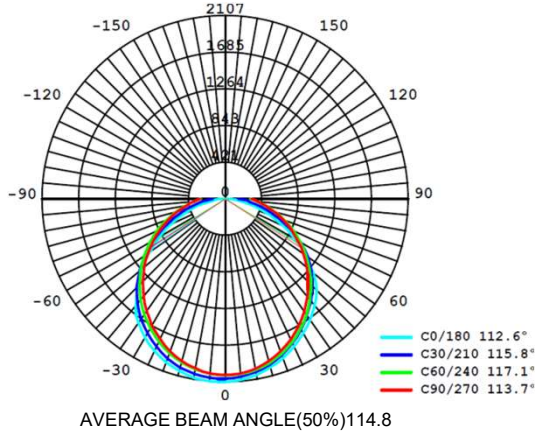| Model	FLT-TPG-20L6	FLT-TPG-40L12	FLT-TPG-60L15
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Power	20 W	40 W	60 W
Weight	0.8 KG	1.55 KG	1.85 KG
Cover	Diffusion		
Energy Efficiency Class	A+		
Electrical Protection	Class I		
Color	3000K / 4000K / 5000K / 6000K		
CRI	＞80		
Rated luminous Flux(lm)	2800-3000	5600-6000	8400-9000
Driver	Osram		
Input Voltage	220~240V AC 50/60Hz		
Power Factor	≥0.92		
THD	≤20%		
Beam angle	240°		
Average Lifespan Ta25℃	>50,000 hours		
Warranty	5 years		
Operating Temperature	-20℃~+45℃		
IP Rating	IP69K		
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IK08 IMPACT PROTECTION **IP69K** OUTDOOR RATED

BACKUP EMERGENCY

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

ENEC | D | RoHS

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

Model	FLT-TPG-20L6	FLT-TPG-40L12	FLT-TPG-60L15
Length	60 cm (2 feet)	120cm (4 feet)	150cm (5 feet)
Power	20 W	40 W	60 W
Weight	0.9 KG	1.7 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)	2800-3000	5600-6000	8400-9000
Driver	Osram + Yihui		
Input Voltage	220~240V AC 50/60Hz		
Power Factor	≥0.92		
Emergency Power	2 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	IP69K		
Standard	ENEC、RoHS、D-MARK、IK10		

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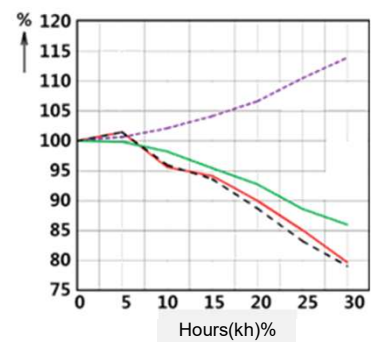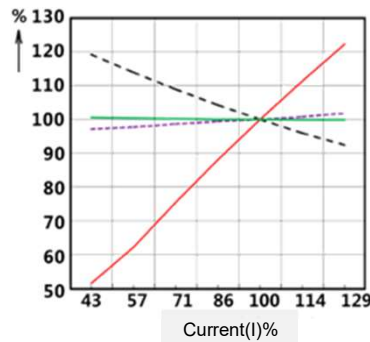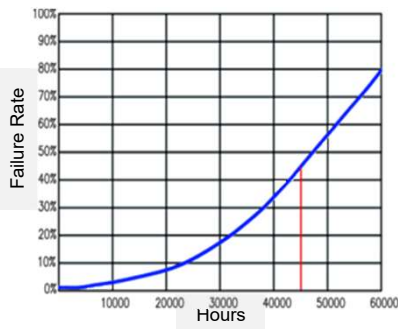*Due to continuing product improvements, Fulton Lighting reserves the right to change the specifications without notice.
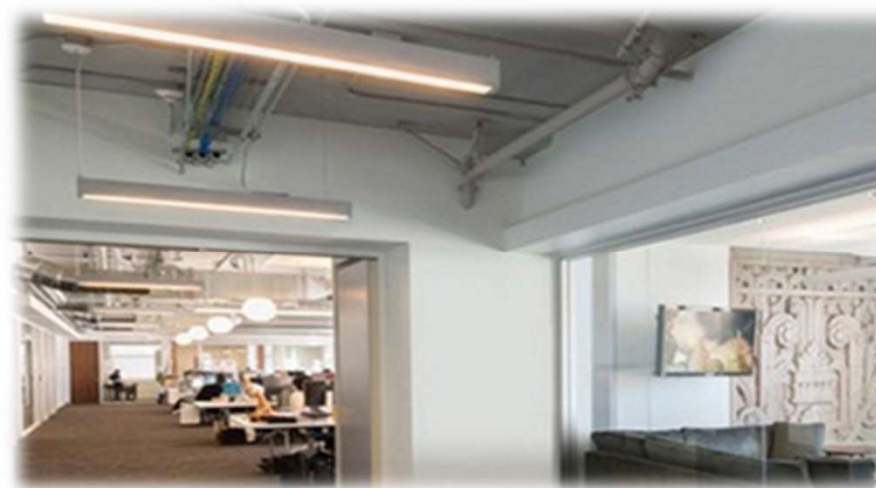
LED Tri-proof light

Photometric Diagram

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

AVERAGE BEAM ANGLE(50%)114.8

Mounting height:10m

Lifetime +Sustainability

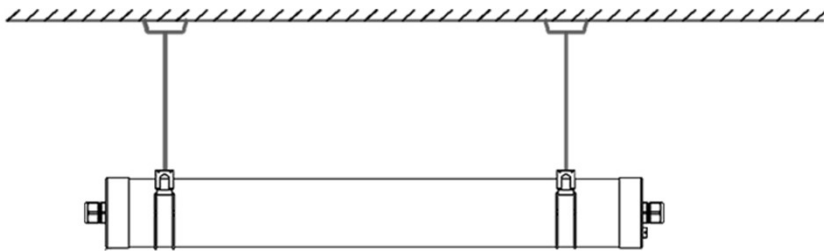— Luminous Efficacy   - - Rated Luminous Flux   ⋯⋯ CCT   — CRI

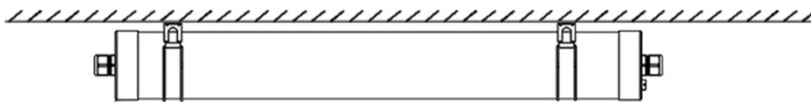# LED Tri-proof light

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Wiring diagram

Cautions:

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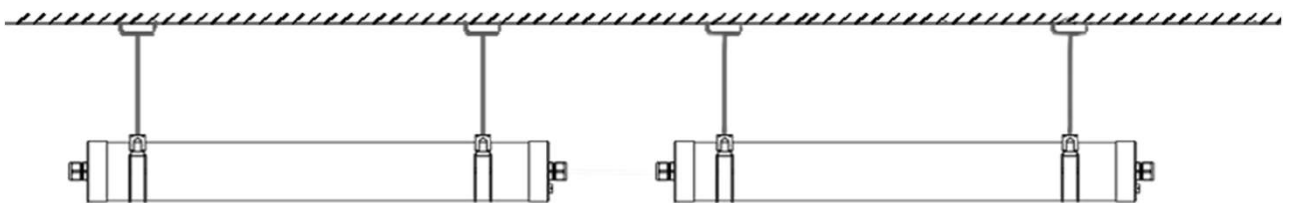
This is one end wiring LED Tri-proof light with build-in driver. Powered by the voltage labeled on the LED Tri-proof light ,

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)
FLT-TPG-L6	0.6m	20	20.5	700*470*380
FLT-TPG-L12	1.2m	10	19.5	1300*470*190
FLT-TPG-L15	1.5m	10	23.5	1600*470*190

2x   2x   2x

0.6m

1.2m/1.5m