

IP66 LED Triproof Light (B Pro)



Available for



MOTION SENSOR



ErP Approval



SPECIFICATION

IP 66 Triproof LED Light



Caution

- Please read the user manual before installation.
- Please install, connect and test the lamp according to local regulations. Lamps should always be installed or replaced with care by professional person.
- Ensure the power is switched off before installation.
- Please check whether the lamps are broken or not during shipping, broken items cannot be used anymore.
- Please keep the lamps and accessories away from kids to avoid hurt by mistakes.
- For protecting eyes, please do not watch the luminous surface for a long time,
- Do not cover anything on lamp and keep lamps away from fire or high temperature objects.
- Incorrect installation and using, keep the right to refuse after-sales service for those disassembled or repaired items.
- Switch the power off and cool down the lamp before cleaning.
- The lamp is only suitable for weak acid and weak base environment.

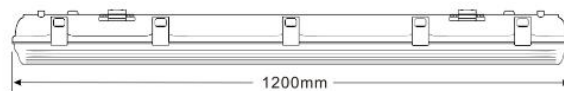
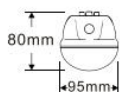
Features

- Water-proof, Dust-proof, Damp-proof, Pressure-proof.
- High luminous efficiency 150LM/W.
- Maximum 3M Long for single product .
- Excellent heat dissipation support stable quality.
- Convention installation for linking in series.
- Low light decay, L70=50,000 Hours.
- High impact test, IK10.
- Long lifespan 50,000 hours.
- Energy saving up to 80%.
- 5 years warranty.

Application

- Parking place
- Tunnel / Corridor / Gallery
- Railway / Bus / MTR Station
- Warehouse / Factory
- Airport
- Exhibition Hall
- Supermarket
- Gas station

PARAMETER



LU-TPB(PRO)

Model No.	LU-TPB(PRO)- 40W/60W
Material	PC Body and AL Clips
Size(mm)	40W:1200*95*80 60W:1500*95*80
Input Voltage	AC220-240V
Power	40W/60W
Chips	SMD2835
Driver	Osram Driver
P.F.	>0.9
Luminous Flux	40W x 130lm/W, 60W x 130lm/W; 40W x 150lm/W, 60W x 150lm/W;
Luminous Efficiency	130lm/W or 150 lm/W
CRI	>80Ra
Beam Angle	120
IP Level	IP66
IK Level	10

• Options

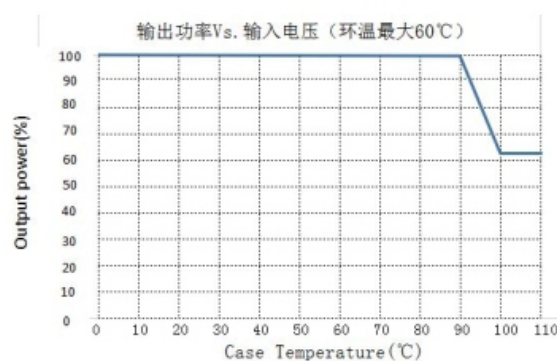
- > LED Driver: Philips Xitanium series / Lifud AC90-277V series
- > Dimming: STD ON-OFF / Traic dimmable / 1-10V dimmable
- > Emergency: 3 hours intergrated emergency

PARAMETER

Driver Specification

Driver Data	Specification
Input Voltage	220-240Vac
Input Current	0.5 Max
Input Frequency	50/60Hz
No load Cost	5W max
Power Factor	>0.95
THD.	<15%
Output Current Accuracy	±5%
No load Voltage	60VDC Max
Output Voltage	30-54V
Line Regulation	3%
Load Regulation	3%
Turn-on Delay	<1s

Ta Curve



PARAMETER

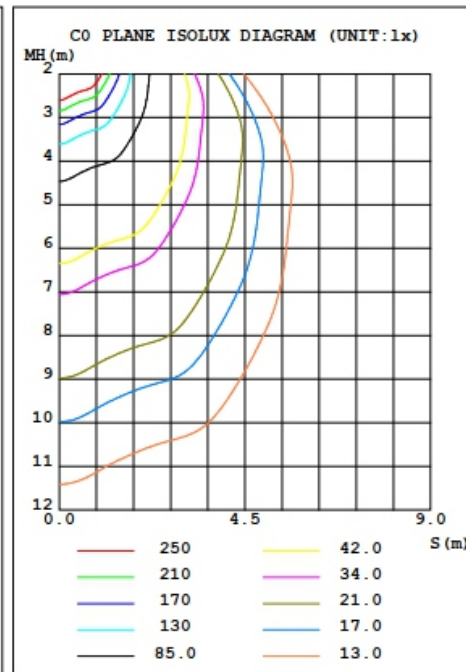
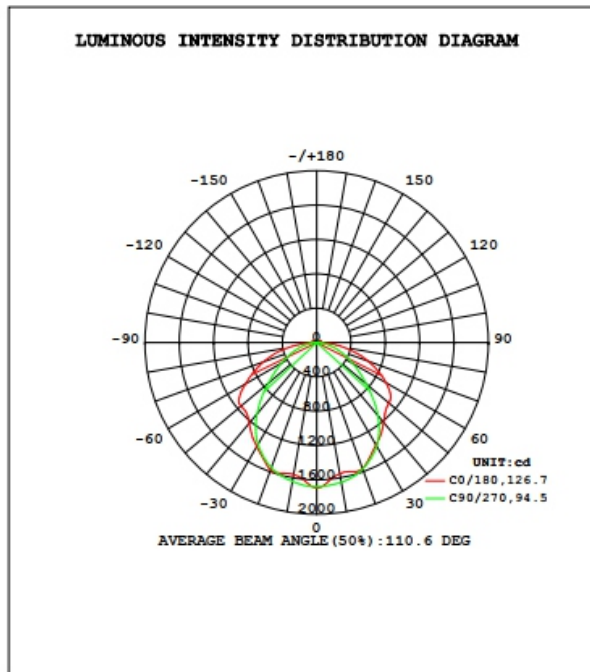
Other Specification

Protection	
Output Short Circuit Protection	Burp,Auto-recover
Output Over-Voltage Protection	
Output Open Circuit Protection	Output Voltage<60Vdc
Over-heat Protection	
Safety Standard	GB19510.1,GB19510.14;
	EN61347-1,EN61347-2-13;
	UL8750,CSAC22.2No.250.13-12
Dielectric Strength	P-S:3750VAC/5MA/60s P-E:1500VAC/5mA/60s
Insulation Resistance	I/P-O/P:>50M Ohms / 500VDC/ 25°C /70%RH
Leakage Current	<0.25mA for Class 2 at max Input Voltage
EMI	GB17743,GB17625.1;
	EN55015,EN61000-3-2,EN61000-3-3,FCCClassB.
EMS	EN61000-4-2,3,4,5,6,8,11,EN61547.
Surge Immunity	2KV
Operating Temperature	-40°~ 50°
Operating Humidity	20 ~ 90 %RH
Storage Temperature	-40°~ 85°
Storage Humidity	20 ~ 90 %RH

PARAMETER

LU-TPB(PRO)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 147.40 lm/W
MODEL	LU-TPB-40W	I _{max} (cd)	1693	S/MH (C0/180)	1.24	
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.22	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	5139.1	η UP, DN (C0-180)	1.7, 48.6	
NOMINAL FLUX (lm)	5139.14	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.0	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	96.6	CIBSE SHR MAX	1.35	



Flux out: 2718 lm

1m	701.5, 1693lx	214.99cm
2m	175.4, 423.4lx	429.98cm
3m	77.95, 188.2lx	644.97cm
4m	43.84, 105.8lx	859.96cm
5m	28.06, 67.7lx	1074.95cm
6m	19.49, 47.0lx	1289.94cm
7m	14.32, 34.5lx	1504.93cm
8m	10.96, 26.4lx	1719.92cm
9m	8.661, 20.9lx	1934.92cm
10m	7.015, 16.9lx	2149.91cm

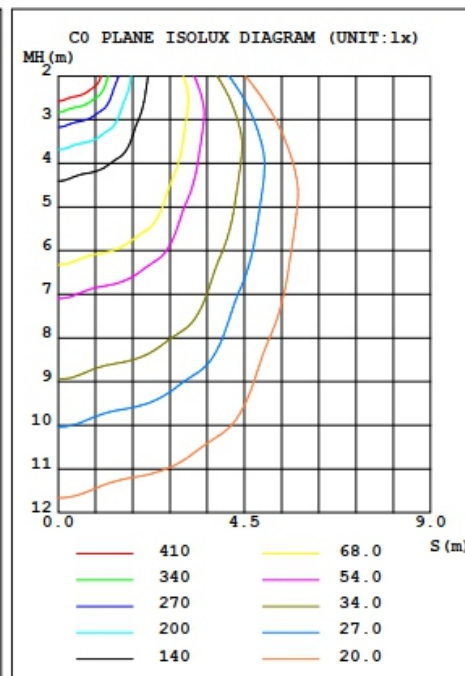
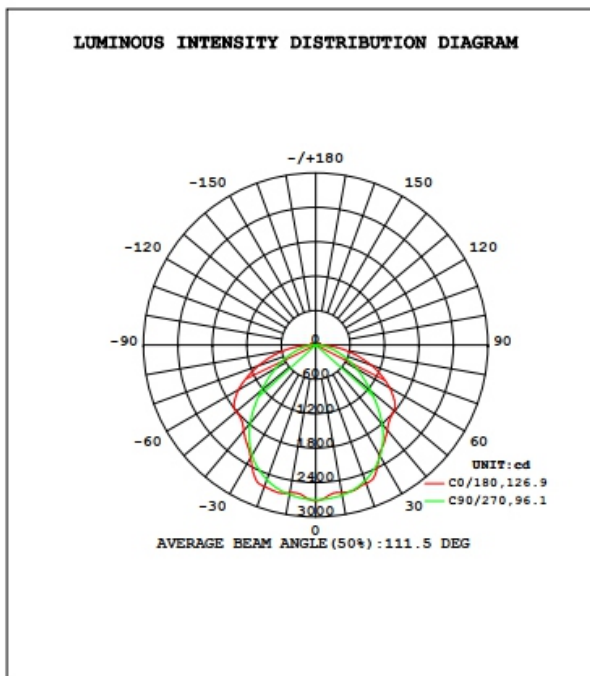
Height Eavg, Emax Angle: 94.14deg Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

PARAMETER

LU-TPB(PRO)

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.96 lm/W			
MODEL	LU-TPB-60W	Imax (cd)	2718	S/MH(C0/180)	1.24
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	8432.5	η UP, DN(C0-180)	1.7, 48.4
NOMINAL FLUX (lm)	8432.49	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.7, 48.3
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	96.7	CIBSE SHR MAX	1.35



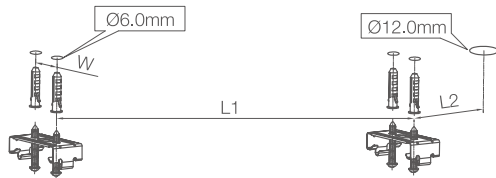
Flux out: 4509 lm

Height	Eavg, Emax	Angle: 95.83deg	Diameter
1m	1164, 2718lx		221.45cm
2m	290.9, 679.6lx		442.90cm
3m	129.3, 302.0lx		664.34cm
4m	72.72, 169.9lx		885.79cm
5m	46.54, 108.7lx		1107.24cm
6m	32.32, 75.5lx		1328.69cm
7m	23.75, 55.4lx		1550.13cm
8m	18.18, 42.4lx		1771.58cm
9m	14.36, 33.5lx		1993.03cm
10m	11.64, 27.1lx		2214.48cm

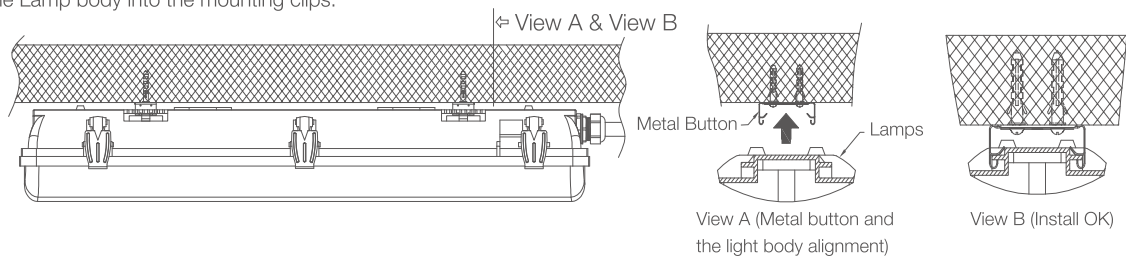
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

INSTALLATION INSTRUCTIONS

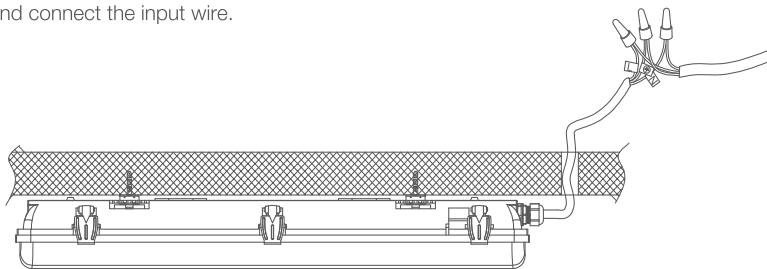
1. Seat the fixing clips to the mounting surface according to the dimension instruction.



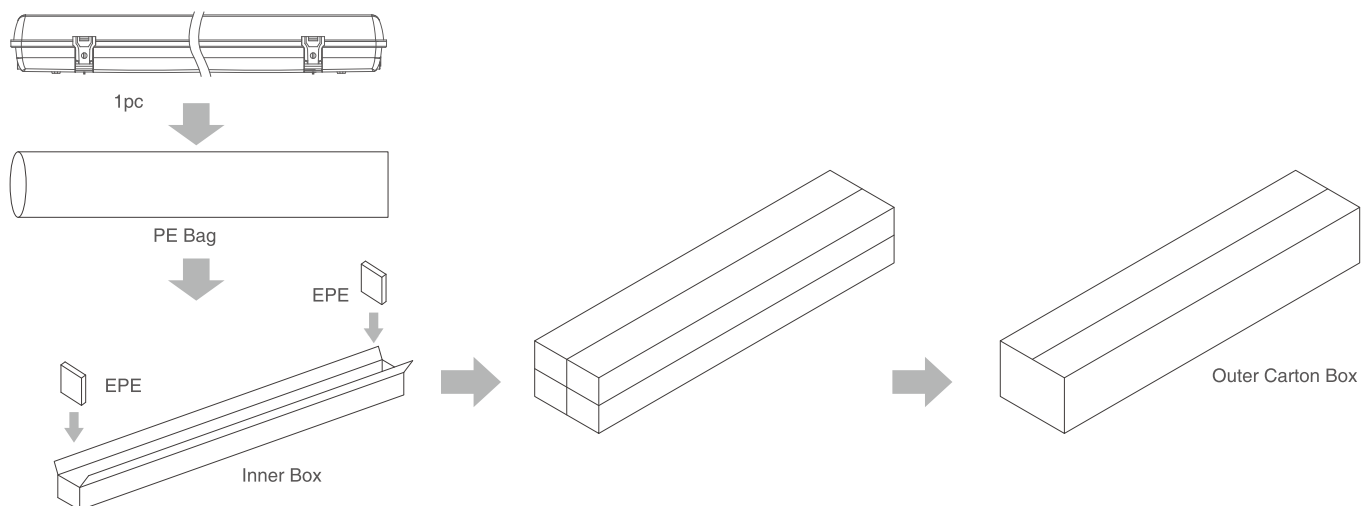
2. Push the Lamp body into the mounting clips.



3. Turn off the power and connect the input wire.



Package



Item	Dimension	Carton Size	Pcs/Ctn	G.W
LU-TPB(pro)-40W	1200mm/4ft	125*32*29	9	19.0KG
LU-TPB(pro)-60W	2400mm/8ft	155*32*29	9	23.5KG