

IP66 LED Triproof Light (Series B & B Pro)



PHILIPS

LIFUD



Available for



MOTION SENSOR



ErP Approval



SPECIFICATION

IP 66 Triproof LED Light



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, IK08.
- Long lifespan 50,000 hours.
- Energy saving up to 80%.
- 5 years warranty.

Application

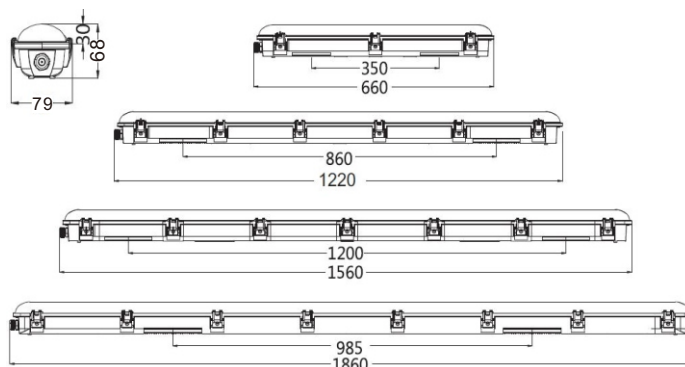
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|-------------------------------|-------------------|
| ➤ Parking place | ➤ Airport |
| ➤ Tunnel / Corridor / Gallery | ➤ Exhibition Hall |
| ➤ Railway / Bus / MTR Station | ➤ Supermarket |
| ➤ Warehouse / Factory | ➤ Gas station |

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.

PARAMETER

LU-TPB



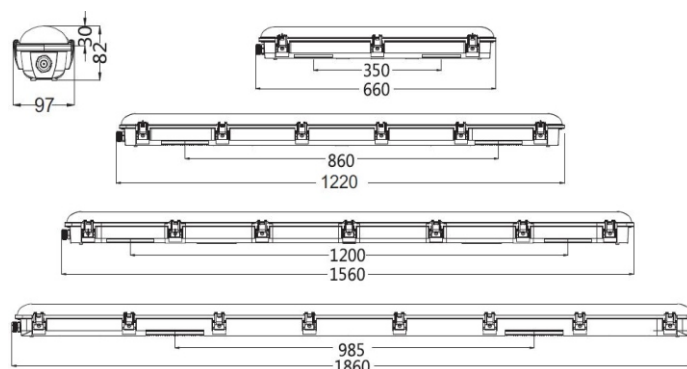
Model No.	LU-TPB-20W/40W/55W	
Material	PC Body and AL Clips	
Color	Milky Cover and Grey body	
Size(mm)	20W:650*79*68 40W:1220*79*68	
	55W:1560*79*68	
Input Voltage	AC120-240V	
Power	20W/40W/55W	
Chips	SMD2835	
Driver	Osram Driver	
P.F.	>0.9	
Luminous Flux	2600/5200/7150lm	
Luminous Efficiency	130lm/W Clear Cover	
CRI	>85Ra	
Beam Angle	120	
IP Level	IP66	
IK Level	08	

• 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

LU-TPB(PRO)



Model No.	LU-TPB(PRO)-20W/40W/60W	
Material	PC Body and AL Clips	
Size(mm)	20W:650*97*82	40W:1220*97*82
	60W:1560*97*82	
Input Voltage	AC120-240V	
Power	20W/40W/60W	
Chips	SMD2835	
Driver	Osram Driver	
P.F.	>0.9	
Luminous Flux	3000/6000/9000lm	
Luminous Efficiency	150lm/W (Clear Cover)	
CRI	>85Ra	
Beam Angle	120	
IP Level	IP66	
IK Level	08	

• Options

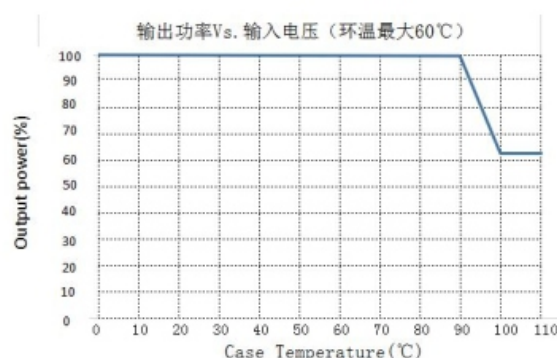
- > LED Driver: Philips Xitanium series / Lifud AC90-277V series
- > Dimming: STD ON-OFF / Traic dimmable / 1-10V dimmable
- > Emergency: 3 hours intergrated emergency

PARAMETER

Driver Specification

Driver Data	Speci fication
Input Voltage	120-240Vac
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

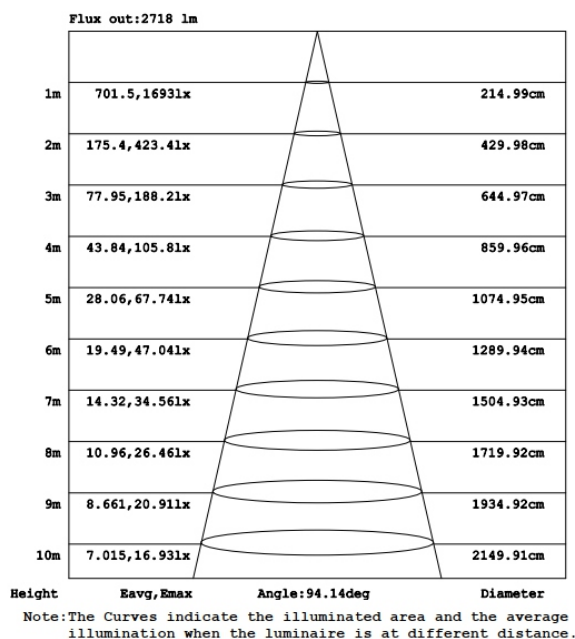
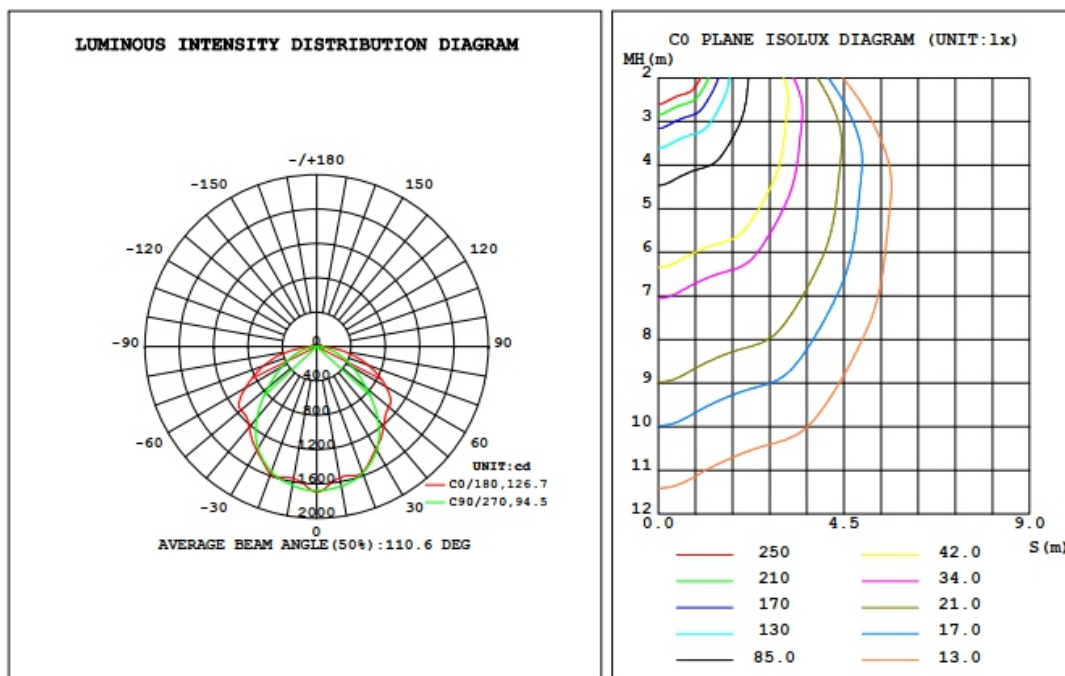
Other Specification

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°~ 60°
Operating Humidity	20 ~ 90 %RH
Storage Temperature	-40°~ 85°
Storage Humidity	20 ~ 90 %RH

PARAMETER

LU-TPB(PRO) Miky Cover

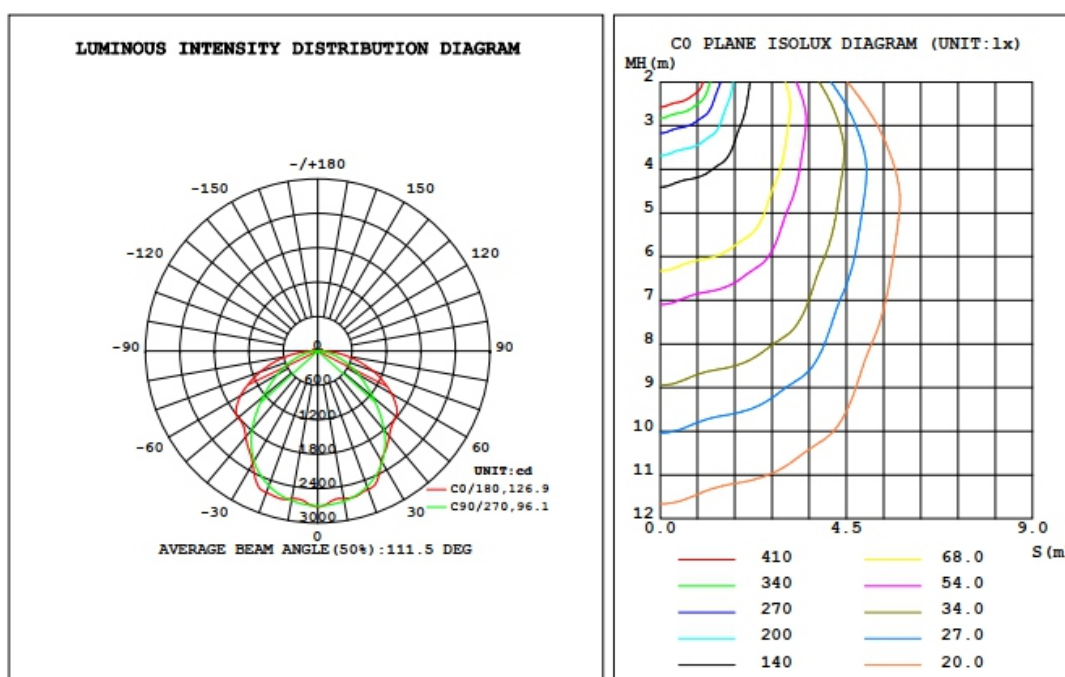
DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.40 lm/W			
MODEL	LU-TPB-40W	I _{max} (cd)	1693	S/MH (C0/180)	1.24
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	5139.1	η UP,DN (C0-180)	1.7, 48.6
NOMINAL FLUX (lm)	5139.14	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.7, 48.0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



PARAMETER

LU-TPB(PRO) Miky Cover

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



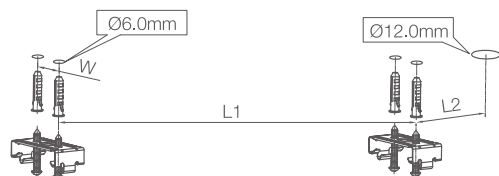
Flux out: 4509 lm

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

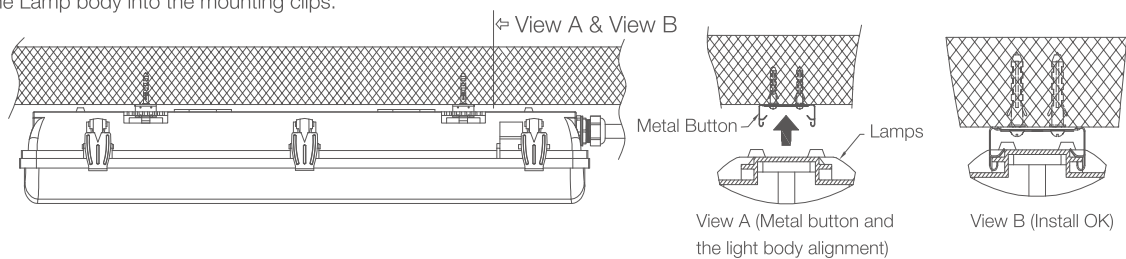
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

INSTALLATION INSTRUCTIONS

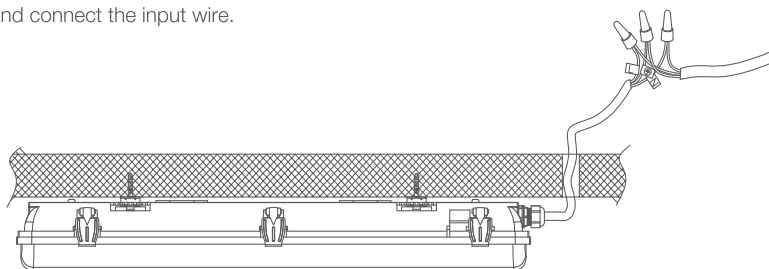
1. Seat the fixing clips to the mounting surface according to the dimension instruction.



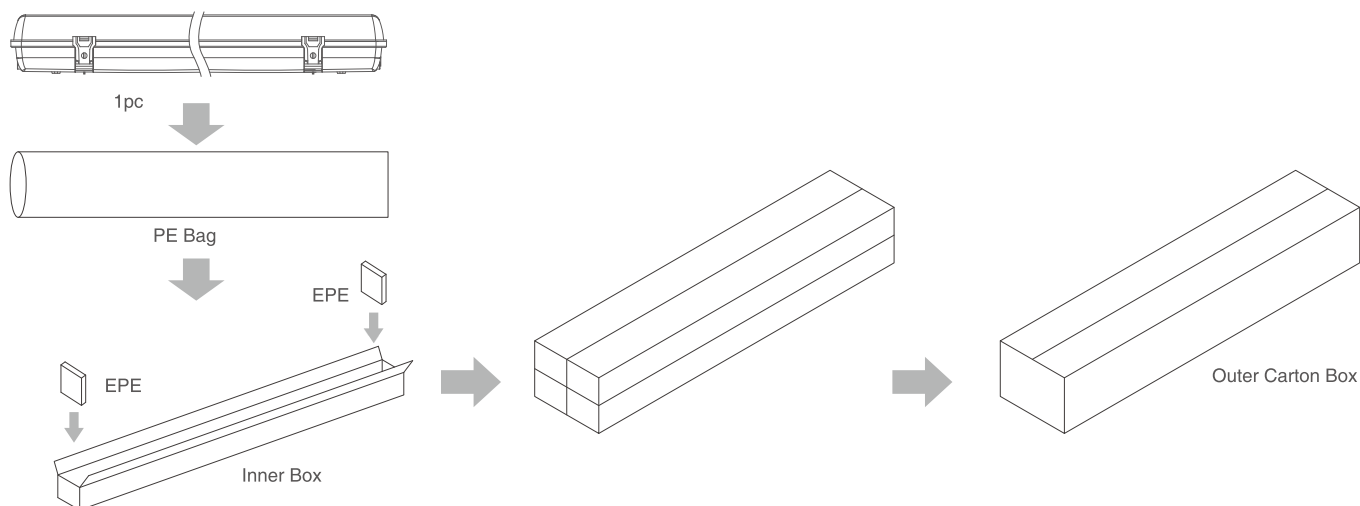
2. Push the Lamp body into the mounting clips.



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



Package



Item	Dimension	Carton Size	Pcs/Ctn	G.W
LU-TPB-20W	600mm/2ft	68*29*26	9	11.0KG
LU-TPB-40W	1200mm/4ft	125*29*26	9	17.0KG
LU-TPB-55W	2400mm/8ft	155*29*26	9	20.0KG
LU-TPB(pro)-20W	600mm/2ft	70*32*29	9	12.0KG
LU-TPB(pro)-40W	1200mm/4ft	128*32*29	9	19.0KG
LU-TPB(pro)-60W	2400mm/8ft	158*32*29	9	23.0KG