

Datasheet

Plastic LED Tri-proof Light

Standard:100LM/W Premium:125LM/W



SAA CE  RoHS



• Product Features

- > IP65 waterproof /dust proof / IK08
- > LED driver on tray for easy replacement
- > Multiple Link with double wiring
- > High technology SMD2835 as light source
- > 5 years warranty

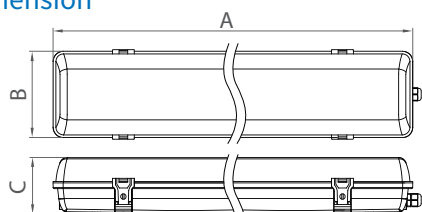
• Options

- > Emitting color:Single color
- > Dimming: ON-OFF /1-10V /DALI/ MS
- > Wiring:Single or double sides

• Application

- > Replacement for fluorescent NCF ,
- > Warehouses , Factories, Car parks
- > Sports facilities, Outdoor & Indoor Locations.

• Dimension



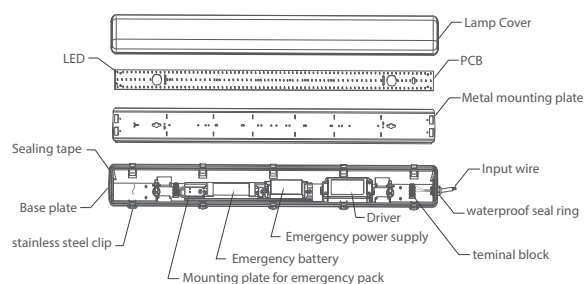
Product Name	A	B	C
60cm/2ft	650	130	85
120cm/4ft	1270	130	85
150cm/5ft	1560	130	85

Unit:mm

• Product Picture



• Explosion drawing



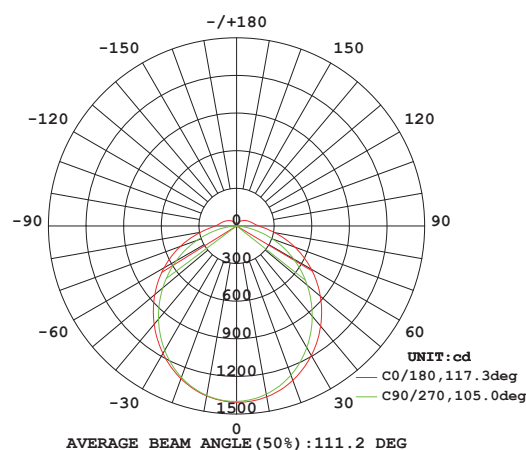
• Product code policy

TR XX -XX X XX - X X X X X - XXX

01 02 03 04 05 06 07 08 09 10 11

01. Product category: TR: Tri-proof Light
02. Product dimension: eg: 04:4ft/120CM; 06:6ft/180cm
03. Rated power: eg: 30: 30W; 40: 40W
04. Luminous Efficacy: S: Standard 100LM/W;P:Premium 125LM/W
05. Color Temperature: eg:N1: 4000~4500K
06. Product version: A: A version tri-proof light
07. Structural function: F:Frosted cover
08. Electrical function:N:ON/OFF
- 09.Power attribute:1:AC200-240V Flicker free power drive
- 10.Power supply manufacturer
- 11.Series No.: 001-499.

• Photometry Curve

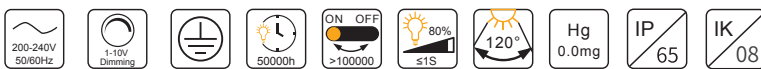


• Technical / Electrical Characters (at TA=25°C)

Item	Symbol	Standard:100LM/W					Premium:125LM/W				
		L=60CM/2ft	L=120CM/4ft	L=150CM/5ft			L=60CM/2ft	L=120CM/4ft	L=150CM/5ft		
Rated Power	W	20W	35W	40W	55W	75W	20W	35W	40W	55W	75W
Product Code	/	TR02-20SN1 -AFN1B-001	TR04-35SN1 -AFN1B-001	TR05-40SN1 -AFN1B-001	TR05-55SN1 -AFN1B-001	TR05-75SN1 -AFN1B-001	TR02-20PN1 -AFN1B-001	TR04-35PN1 -AFN1B-001	TR05-40PN1 -AFN1B-001	TR05-55PN1 -AFN1B-001	TR05-75PN1 -AFN1B-001
LED Type/Qty	SMD2835	143	312	364	364	364	143	312	364	364	364
Lumen Efficacy	Lm/w	typ.100	typ.100	typ.100	typ.100	typ.100	typ.125	typ.125	typ.125	typ.125	typ.125
Luminous Flux	Frosted	typ.2000	typ.3500	typ.4000	typ.5500	typ.7500	typ.2500	typ.4400	typ.5000	typ.7000	typ.9300
Color Index	CRI(Ra)	Ra>80									
Color Temperature	TC(K)	WW:3000K NW:4000K PW:5000K CW:6000K									
Beam Angle	Degree	120 degree									
Dimming Function	/	ON -OFF / 1-10V dimming / Micro-Wave Sensor									
Power Factor	PF	PF>0.95									
LED current	mA	Constant 45mA									
Input Voltage	V	AC200~240V/50Hz									
Working Voltage	V	Constant DC36~42V									
Housing material	/	Full Plastic Case									
Starting time	S	<0.5S									
Protection Class	IP	IP65 / IK08									
Temperature	°C	Operation:-15°C~+50°C					Storage:-25°C~+55°C				
Lumen Maintenance @6000hrs	%	80%									
Switch cycle before failure	times	100,000									
Life Span	h	50,000 hours									
Warranty	/	5 years									

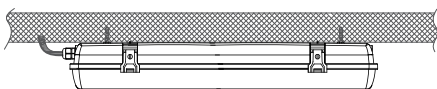
• Erp Technical Specification

Item	Symbol	Specification / Data
Color Index	CRI	Ra>80 , R9>0
Luminous Efficacy	Lm/W	S: Standard 100LM/W/ P: Premium 125LM/W
Energy efficiency Class	/	A+ / A++
Color consistency in level	/	Max. 6SDCM
THD	%	<15%
Starting Time	S	<0.5S
Switching Cycle before Failure	/	>100,000 times
Premature failure rate @1000h	/	0

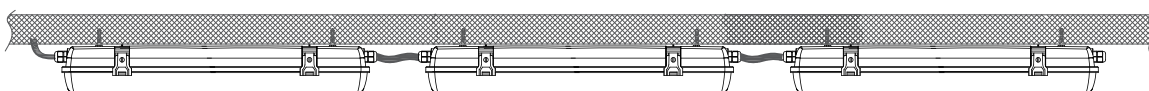


• Wiring Method

1.Single Side AC Input



2.Double Side AC Input and Multiple Link



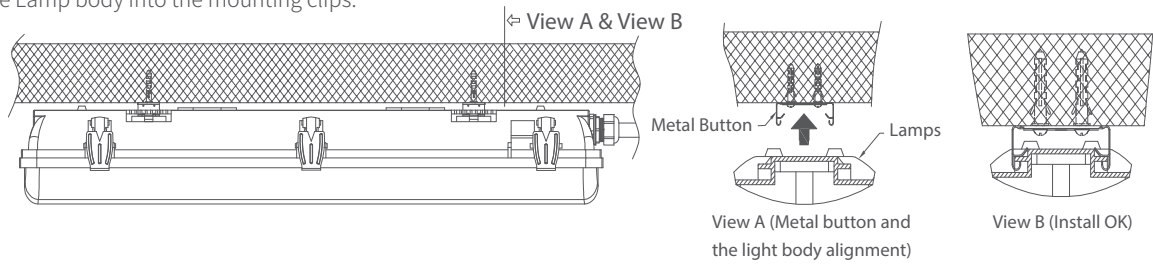
• Installation Instructions

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

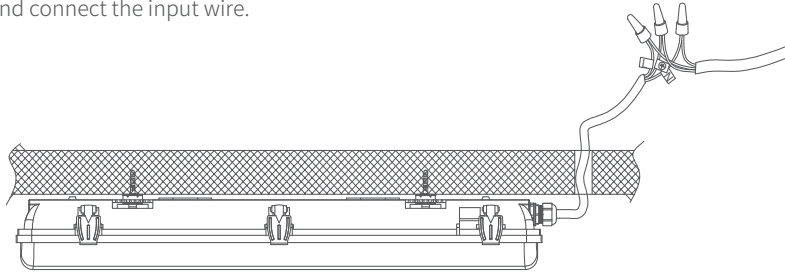


Product Size	W	L1	L2
650x130x85mm	27mm	362mm	170mm
1270x85x74mm	27mm	840mm	240mm
1560x85x74mm	27mm	892mm	360mm

2. Push the Lamp body into the mounting clips.

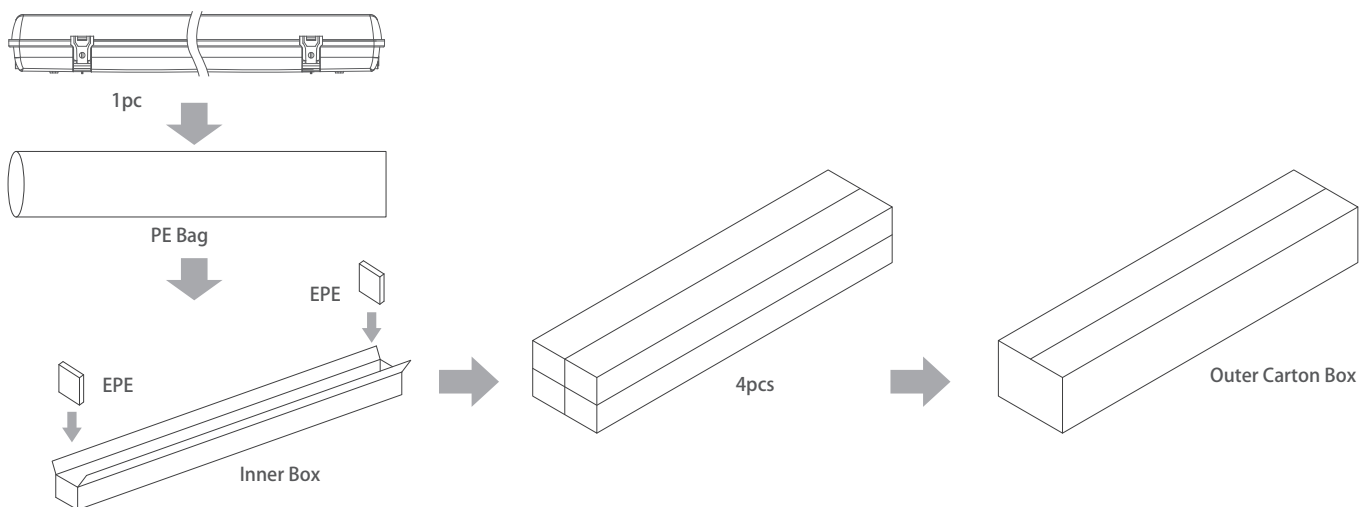


3. Turn off the power and connect the input wire.



• Package

Product Type	Rated Power	Inner Box	Outer Carton	Qty/Carton	Unit N.W	G.W/Carton
600mm / 2ft	20W	685 x 140 x 95mm	700 x 300 x 215mm	4Pcs	1090g	5.9Kg
1200mm / 4ft	35W	1300 x 140 x 95mm	1315 x 300 x 215mm	4Pcs	2175g	11.5Kg
1500mm / 5ft	40/55/75W	1595 x 140 x 95mm	1610 x 300 x 215mm	4Pcs	2660g	14.7Kg



! CAUTION

- ※ In case of electric shock, please make sure the power is off before installation.
- ※ The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- ※ Do not use sharp tools near or on the surface of the lamp.
- ※ Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.