



Datasheet

Plastic Tri-Proof Light

E Version(70mm)



SAA CE  RoHS



• Product Features

- > IP65 and IK08 for all industrial areas of application
- > Driver mounting tray for easy maintenance
- > Multiple Link with double wiring
- > Durable isolated power driver
- > Newest generation of SMD2835 0.2W LED chips
- > No UV or IR and completely mercury free
- > L80/B10 @ 50.000h
- > 5 years warranty

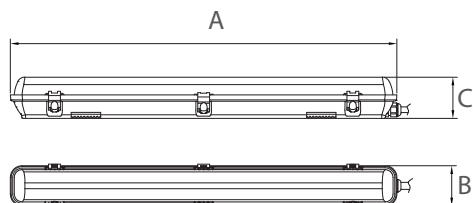
• Options

- > 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 Picture



Product Name	A	B	C
60cm/2ft	657	68	70
120cm/4ft	1267	68	70
150cm/5ft	1567	68	70
180cm/6ft	1867	68	70

Unit:mm

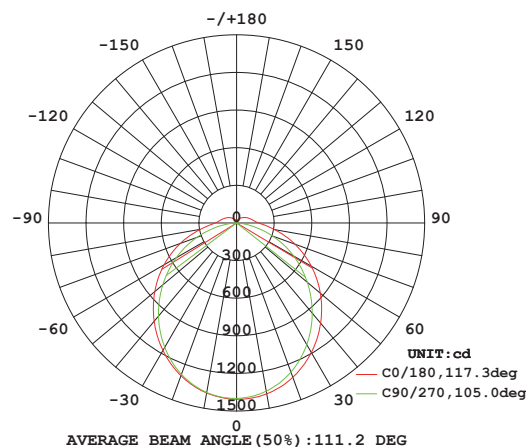
• Product code policy

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: 35: 35W; 40: 40W
04. Luminous Efficacy: P: Premium Range :125LM/W
05. Color Temperature: eg:N1: 4000~4500K
06. Product version: E: E version
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	L=60CM/2ft	L=120CM/4ft	L=150CM/5ft		L=180CM/6ft	
Rated Power	W	20W	30W	25W	50W	30W	50W
Product Code	/	TR02-20PN1 -EFN1B-001	TR04-30PN1 -EFN1B-001	TR05-25PN1 -EFN1B-001	TR05-50PN1 -EFN1B-001	TR06-30PN1 -EFN1B-001	TR06-50PN1 -EFN1B-001
LED Type/Qty	SMD2835	132	156	312	312	208	312
Lumen Efficacy	Lm/w	typ.125	typ.125	typ.125	typ.125	typ.125	typ.125
Luminous Flux	Frosted	typ.2500	typ.3750	typ.3125	typ.6250	typ.3750	typ.6250
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					

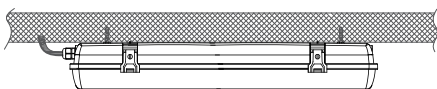
• Erp Technical Specification

Item	Symbol	Specification / Data
Color Index	CRI	Ra>80 , R9>0
Luminous Efficacy	Lm/W	Premium Range :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

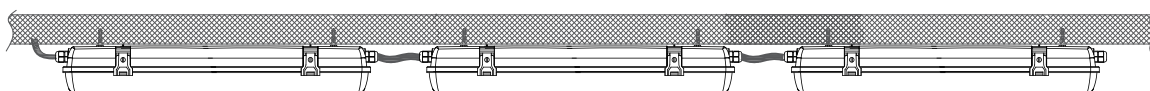


• Wiring Method

1.Single Side AC Input

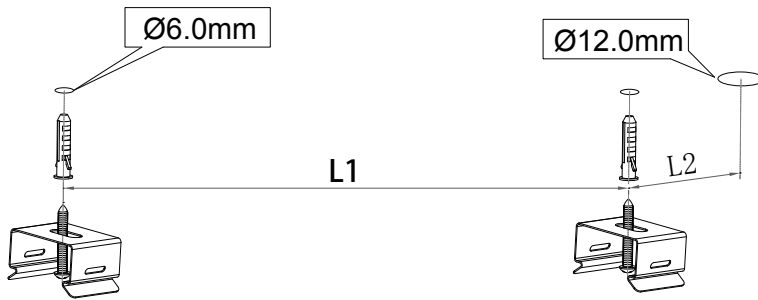


2.Double Side AC Input and Multiple Link



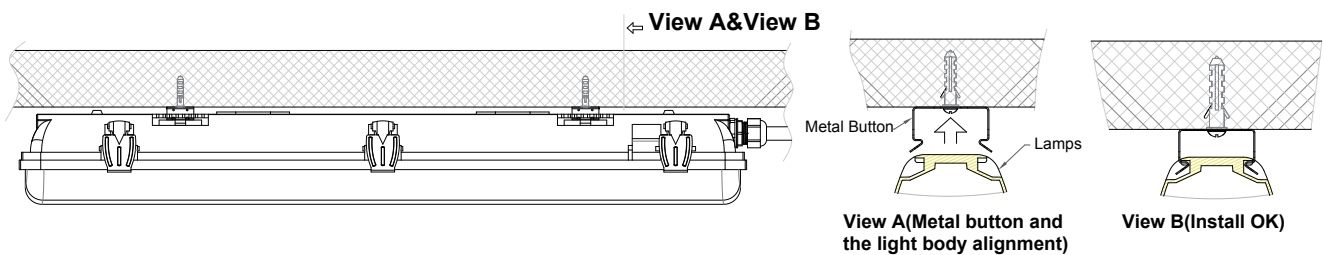
• Installation Instructions

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

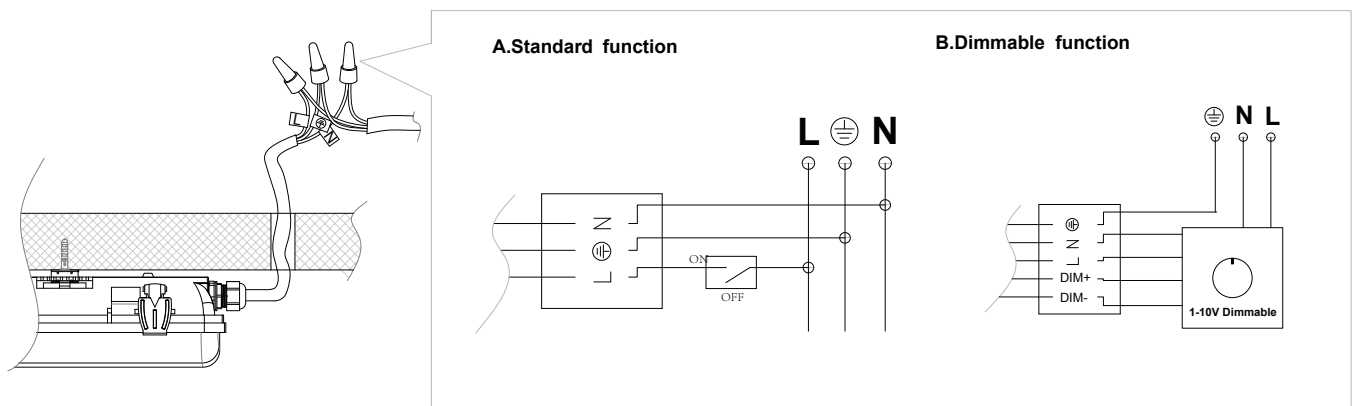


Product Size	Size L1	Size L2
657*68*70mm	400mm	200mm
1267*68*70mm	860mm	200mm
1567*68*70mm	1027mm	200mm
1867*68*70mm	1010mm	200mm

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	710 x 80 x 85mm	725x340x190mm	8Pcs	/	/
1200mm / 4ft	30W	1315x80x85mm	1330x340x190mm	8Pcs	/	/
1500mm / 5ft	25/50W	1615x80x85mm	1630x340x190mm	8Pcs	/	/
1800mm / 5ft	30/50W	1915x80x85mm	1930x340x190mm	8Pcs	/	/

! 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.