

Datasheet

LED Tri-proof Light

D Version



• Product Features

- > Owner design clip end cap for easy installation
- > Special driver tray for replacement
- > Single or Double wiring
- > IP 65 / IK10 Approval
- > Multiple Link with double wiring
- > Patent aluminum case as heatsink
- > 5 years warranty

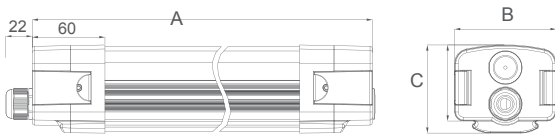
• Options

- > Wiring: Single or Double
- > CRI : Ra>80 or Ra>90
- > Function : ON-OFF / 1-10V dimming / MS / DALI
- > Lumen Efficacy : 100LM/W , 125LM/W ,140LM/W

• Application

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

• Dimension



Product Name	A	B	C
2ft/60cm	600	83.8	72.8
4ft/120cm	1200	83.8	72.8
5ft/150cm	1500	83.8	72.8
8ft/240cm	2400	83.8	72.8

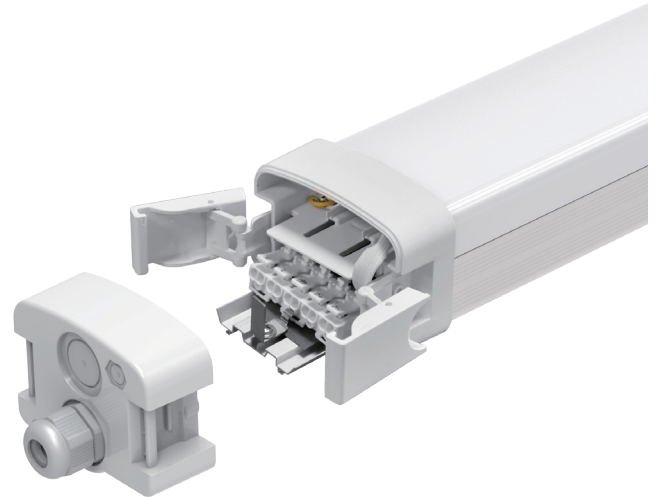
Unit:mm

• 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: 30: 30W; 40: 40W
04. Luminous Efficacy: S: Standard 100LM/W;P:Premium 125LM/W
05. Color Temperature: eg:N1: 4000~4500K, TR:Tri-color
06. Product version: D: D 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.

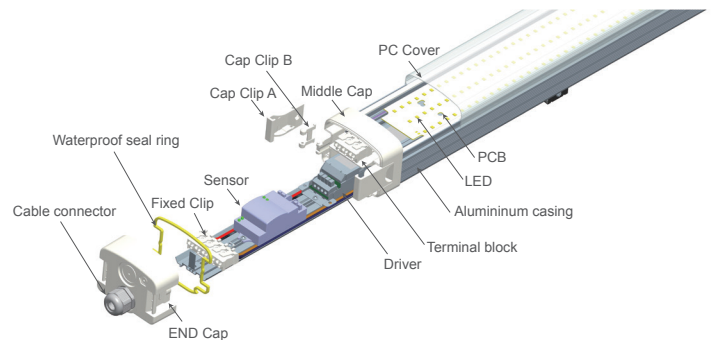
• Product Picture



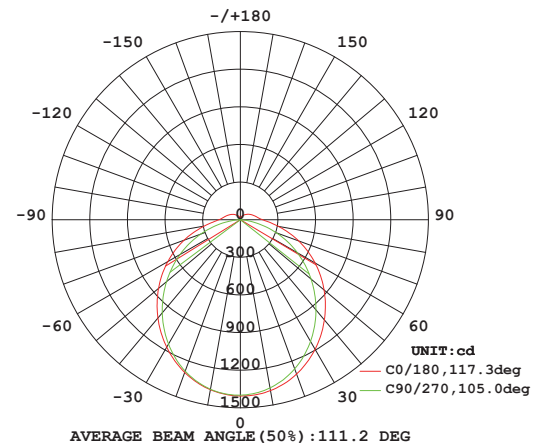
• Microwave Sensor



• Explosion drawing



• Photometry Curve

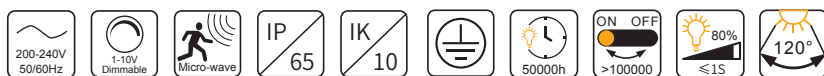


• Technical / Electrical Characters (at TA=25°C)

Item	Symbol	L=600/2ft			L=1200/4ft			L=1200/4ft			L=1500/5ft			L=2400/8ft		
		Standard	Premium	Deluxe	Standard	Premium	Deluxe	Standard	Premium	Deluxe	Standard	Premium	Deluxe	Standard	Premium	Deluxe
Rated Power	W	22W	22W	22W	40W	40W	40W	60W	60W	60W	60W	60W	60W	100W	100W	100W
Lumen Efficacy	Lm/w	100	125	140	100	125	140	100	125	140	100	125	140	100	125	140
Product Code	/	TR02-22SN1-DFN1B-001	TR02-22PN1-DFN1B-001	TR02-22DN1-DFN1B-001	TR04-40SN1-DFN1B-001	TR04-40PN1-DFN1B-001	TR04-40DN1-DFN1B-001	TR04-60SN1-DFN1B-001	TR04-60PN1-DFN1B-001	TR04-60DN1-DFN1B-001	TR05-60SN1-DFN1B-001	TR05-60PN1-DFN1B-001	TR05-60DN1-DFN1B-001	TR06-1ASN1-DFN1B-001	TR06-1APN1-DFN1B-001	TR06-1ADN1-DFN1B-001
LED Type /Qty	SMD2835	143pcs	143pcs	143pcs	234pcs	234pcs	234pcs	325pcs	325pcs	325pcs	325pcs	325pcs	325pcs	520pcs	520pcs	520pcs
Lumen Efficacy	Lm/w	typ.100	typ.125	typ.140	typ.100	typ.125	typ.140	typ.100	typ.125	typ.140	typ.100	typ.125	typ.140	typ.100	typ.125	typ.140
Luminous Flux	Frosted	typ. 2200	typ. 2750	typ. 3050	typ. 4000	typ. 5000	typ. 5600	typ. 6000	typ. 7500	typ. 8400	typ. 6000	typ. 7500	typ. 8400	typ. 10000	typ. 12500	typ. 14000
Color Index	CRI (Ra)	Ra>80 OR Ra >90														
Power Factor	PF	PF>0.95														
Color Temperature	TC (K)	WW: 3000K NW: 4000K PW: 5000K CW: 6000K														
Beam Angle	Degree	120 degree														
LED current	mA	Constant 50mA														
Input Voltage	V	AC200-240V/50Hz														
Working Voltage	V	Constant DC36-42V														
Housing material	/	Aluminum +PC														
Protection Class	IP	IP65/ IK10														
Temperature	°C	Operation : -15°C~+50°C Storage: -25°C~+55°C														
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	Standard: typ.110-120LM/W Premium: typ.120-130LM/W Deluxe: typ.140-150LM/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
Lumen Maintenance @ 6000h	%	>80%



• Wiring Method

1.Single Side AC Input



2.Double Side AC Input and Multiple Link

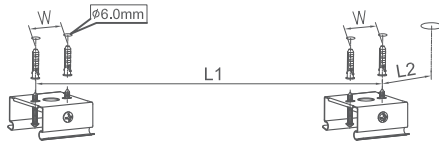


3.The cover must be locked to ensure IP65 waterproof performance

• Installation Instructions

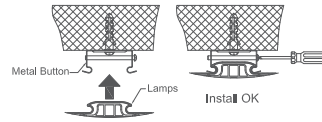
1. Surface mounting procedure:

1). Fix the supplied metal clips onto a mounting surface as per the installation below

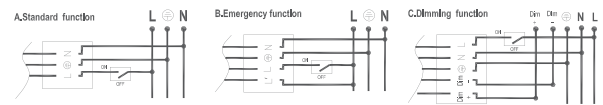
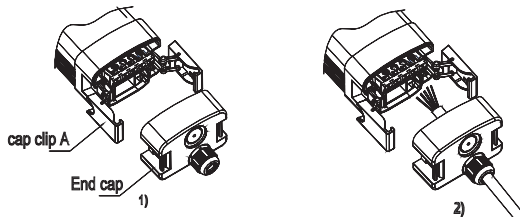


Product Size	Size W	Size L1	Size L2
600*83.8*72.8mm	35mm	300mm	200mm
1200*83.8*72.8mm	35mm	900mm	200mm
1500*83.8*72.8mm	35mm	1200mm	200mm
2400*83.8*72.8mm	35mm	1150mm	200mm

2). Push the Lamp body into the mounting clips

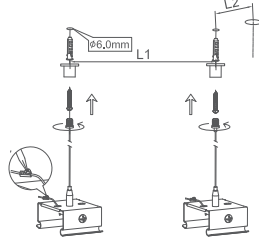


3). Open the lamp and take out the Junction board, connect the L/N/⊕ wire in the Junction board accordingly; fix the Junction board

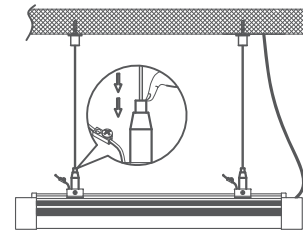


2. Suspending Procedure:

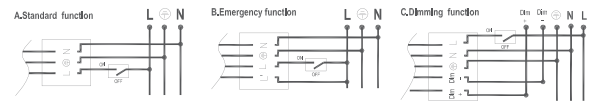
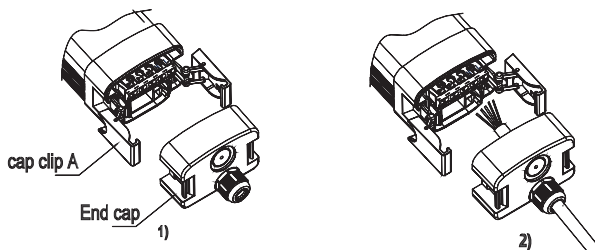
1). Install the suspension rope then wiring as below instructions



2). Adjust the length of the suspension rope to reach the suitable height and push the Lamp body into the mounting clips



3). Open the lamp and take out the Junction board, connect the L/N/⊕ wire in the Junction board accordingly; fix the Junction board



• Package

Product Type	Rated Power	Inner Box	Outer Carton	Qty/Carton	Unit N.W	G.W/Carton
60cm/2ft	22W	700 x 92 x 82mm	720 x 190 x 215mm	4Pcs	1335g	7.8Kg
120cm/4ft	40W/60W	1300 x 92 x 82mm	1320 x 190 x 215mm	4Pcs	2355g	12.5Kg
150cm/5ft	60W	1600 x 92 x 82mm	1620 x 190 x 215mm	4Pcs	3100g	15.5Kg
240cm/8ft	100W	2500 x 92 x 82mm	2520 x 190 x 215mm	4Pcs	4600g	24.0Kg

! 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.