

# LED Linear Trunking System @ SLine (UGR<19)



## Specification Sheet

### LED Linear Trunking System – SLine(Steel Material)



**Product Customization**



**Marketing Promotion**



**Dialux Design**



**Tech. Support**

#### Characteristics:

- Low UGR: UGR<19(30° &60° &D25° ), UGR<25(90° )
- Saving energy: up to160lm/w luminous efficacy;
- Saving installation costs: Modularization, tool-free;
- Saving maintenance costs: 5 years warranty;
- Controllable: DALI dimming / 0-10V dimming / Tunable White;
- Linkable system: Seamless connection;
- Multiple beam angle: 30° , 60° , 90° ,130° , Asymmetric Left/Right 25° , Double 25° ;



School



Factory



Warehouse



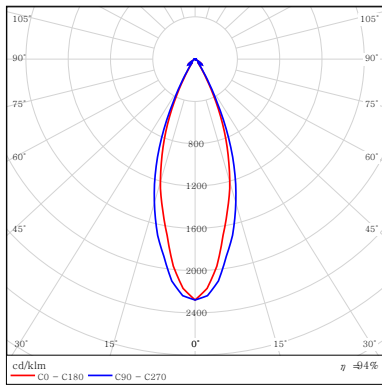
Supermarket

# TECHNICAL DATA

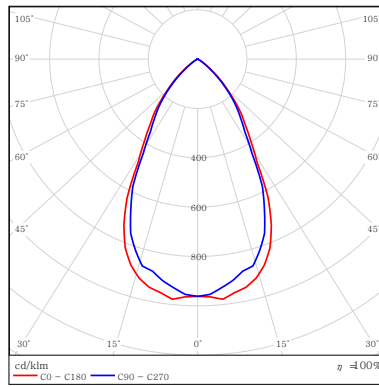
## Linear Trunking System - SLine

	Item	Details		Remark
<b>General</b>	Module:	5FT	10FT	
	Length of module:	1410mm	2820mm	
	Trunking rail:	5FT	10FT	
	Length of trunking rail:	1525mm	2935mm	Optional Trunking: 15FT(4345mm).
	Length of Single lamp:	1435mm	2845mm	combine of module and rail without pre-wired
	Wattage:	40w, 50w, 65w, 80w 80w, 100w, 130w, 160w		
	Luminous efficacy:	up to 160lm/w		@5700K
	Color temperature:	3000K / 4000K / 5000K / 5700K / 6500K		≤4 SDCM
<b>Optical</b>	CRI:	>80		
	UGR:	<19(Double 25° & 30° & 60° ), <25(90° )		not applicable to Left 25° / Right 25°
	Lamps:	with Osram and Samsung LED SMD2835		
	Lens:	prismatic structure, frosted / PC Cover		PC Cover is only for 130°
	Beam angle:	symmetric: 30° / 60° / 90° / 130°		
		asymmetric: Double 25° / Left 25° / Right 25°		
	Light emmision:	direct distribution		
	Service life:	L90B50, 50,000hrs		@25℃;
<b>Material &amp; Color</b>	Module:	Steel		
	Trunking rail:	Steel		
	Lens:	PMMA(25° / 30° / 60° / 90° ), PC Cover(130° )		25° includes Double 25° and Asymmetric 25°
	Color:	white / black / silver		white is normal. Other colors are optional.
<b>Electrical</b>	Input voltage:	220–240V AC, 50/60Hz		100–277V AC, 50/60Hz is optional.
	Power supply connection:	wiring, 5, 7, 11 wires, 3, 5, 9 pins, with phase selection		
	Maximum loop current:	16A		
	Cable:	pre-wired inside of trunking rail, 2.5mm <sup>2</sup> PVC indoor cable		
	Interconnector:	L type, T type and X type		
	LED Driver:	DALI / Non-dim: Osram, Philips		
	PF:	>0.9		
	Function:	DALI / 0–10V Dimming, Motion&Daylight Sensor, Emergency kits		
<b>Standards</b>	Certification:	ENEC, KEMA, CB, CE		IEC/EN60598-1, IEC/EN60598-2-1, IEC62778,
	Insulation class:	insulation class I (protective earthing)		EN62493, IEC62262
	Protection rating:	IP50		
	Permissible ambient temperature:	-25...+45℃		ta=45℃
<b>Dimension &amp; mounting</b>	Width&Height of luminaire module	W65*H35mm / W65*H57mm		refer to the above length list for different model
	Width&Height of trunking rail	W65*H43mm		refer to the above length list for different model
	Weight:	5FT: 3.2kg/set; 10FT: 6.6kg/set;		1set = 1pcs of module + 1pcs of trunking rail
	Package:	Carton, 4pcs/ctn, 16.4kg/ctn, 26kg/ctn;		cartong dimension: 161*14*39cm(Lens)
	Mounting:	single/continuous arrangement		161*16*39cm(PC Cover)
		surface mounted / suspension		steel cord and steel chain is optional

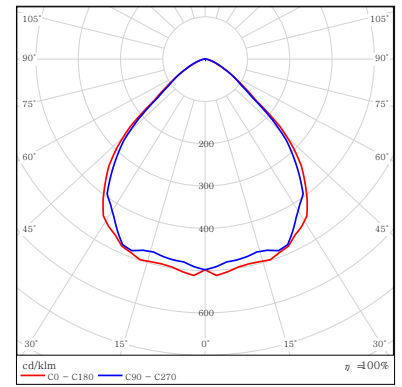
# BEAM ANGLE



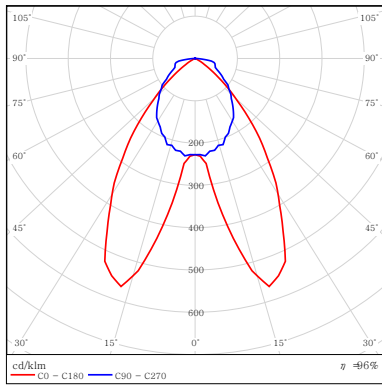
30°



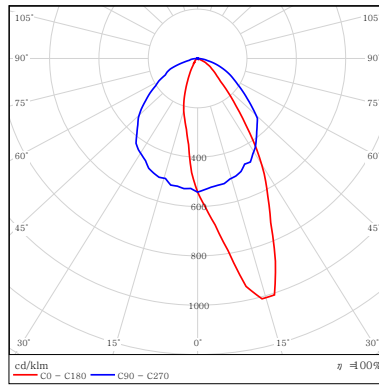
60°



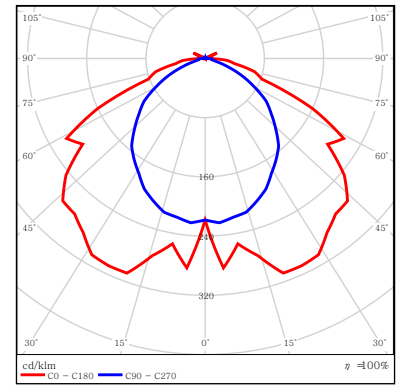
90°



Double 25°

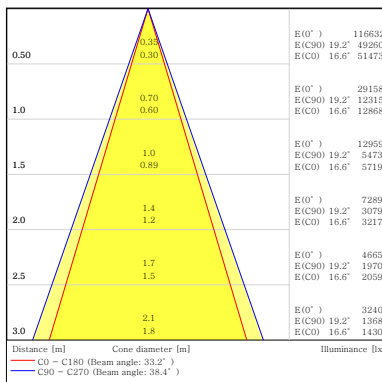


Asymmetric 25°

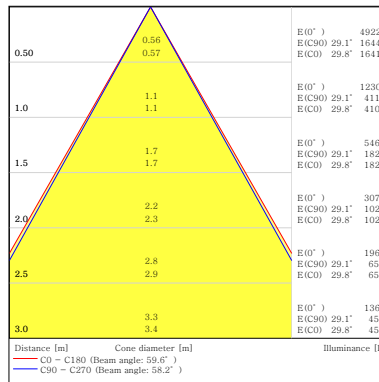


130°

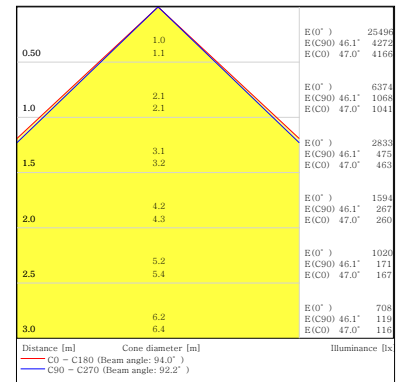
# INTENSITY DISTRIBUTION



30°



60°



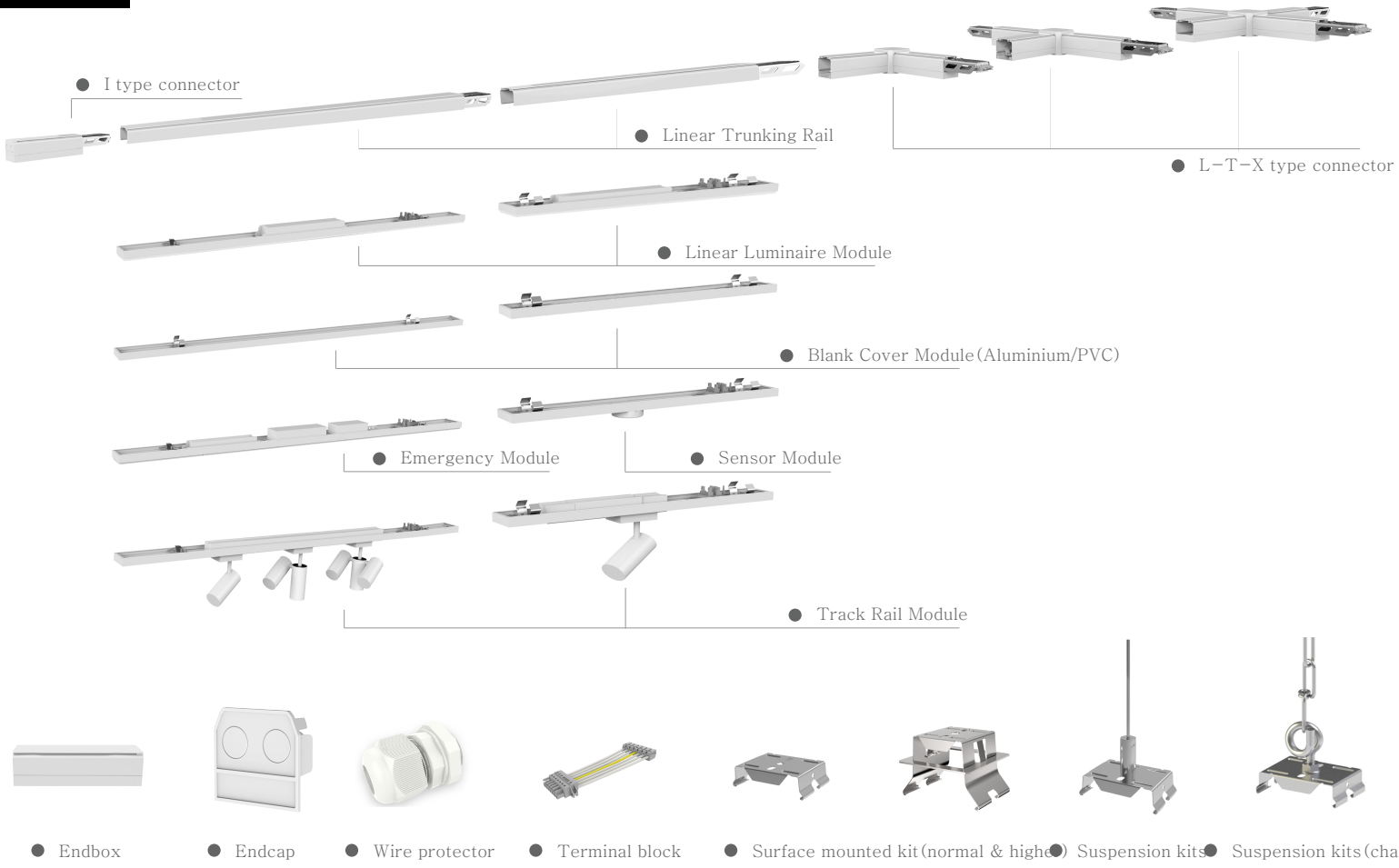
90°

**i** Remark:

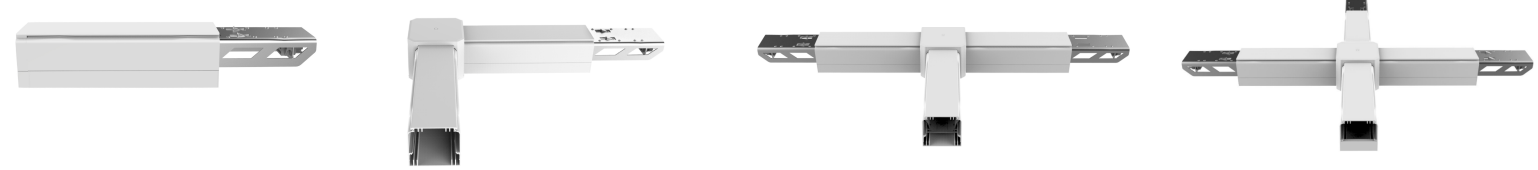
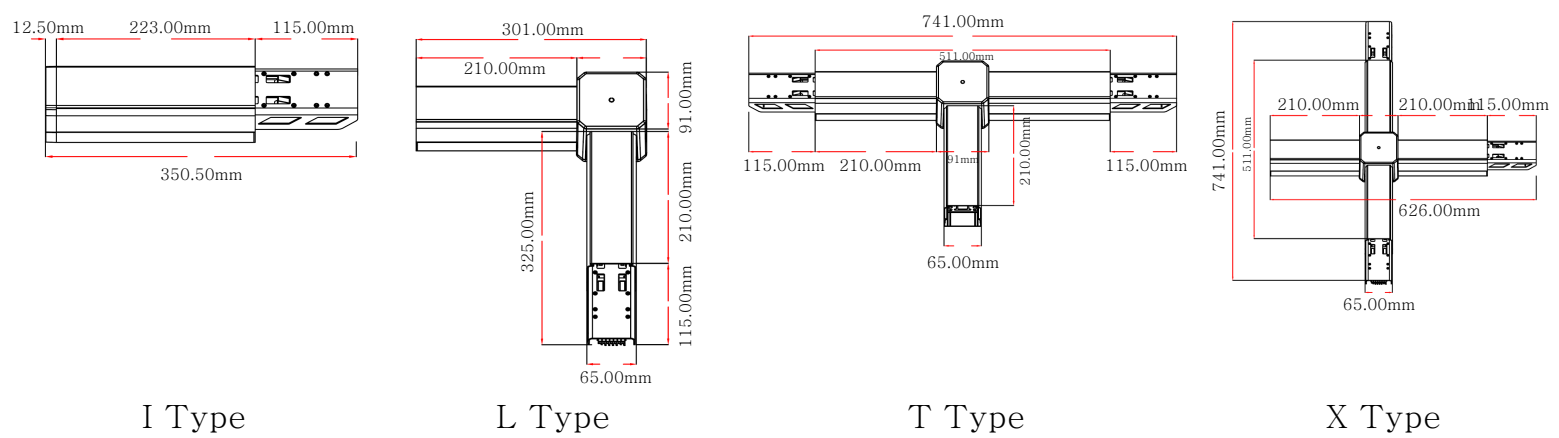
The above cone diagrams are based on the test data of 80W, 128000lm, 5700K. Only refer to symmetric lighting distribution. Data tolerance is ±10% according to the test equipment and environment.

# OVERVIEW - Whole System

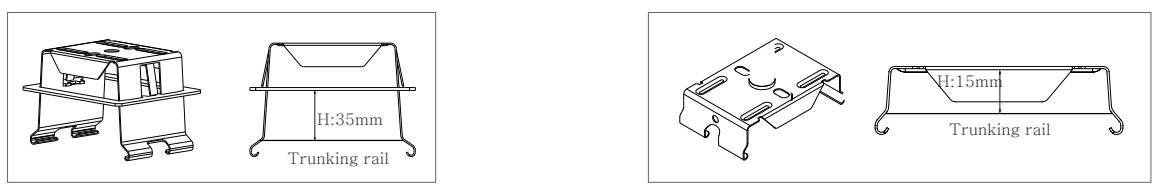
## Whole view



## Connector



## Surface Mounted Kits



# APPEARANCE - Continuous Lamp(Excluding 140°)

ISO view



Side view 2



Front view

# APPEARANCE - Continuous Lamp (PC Cover, 130° )

ISO view



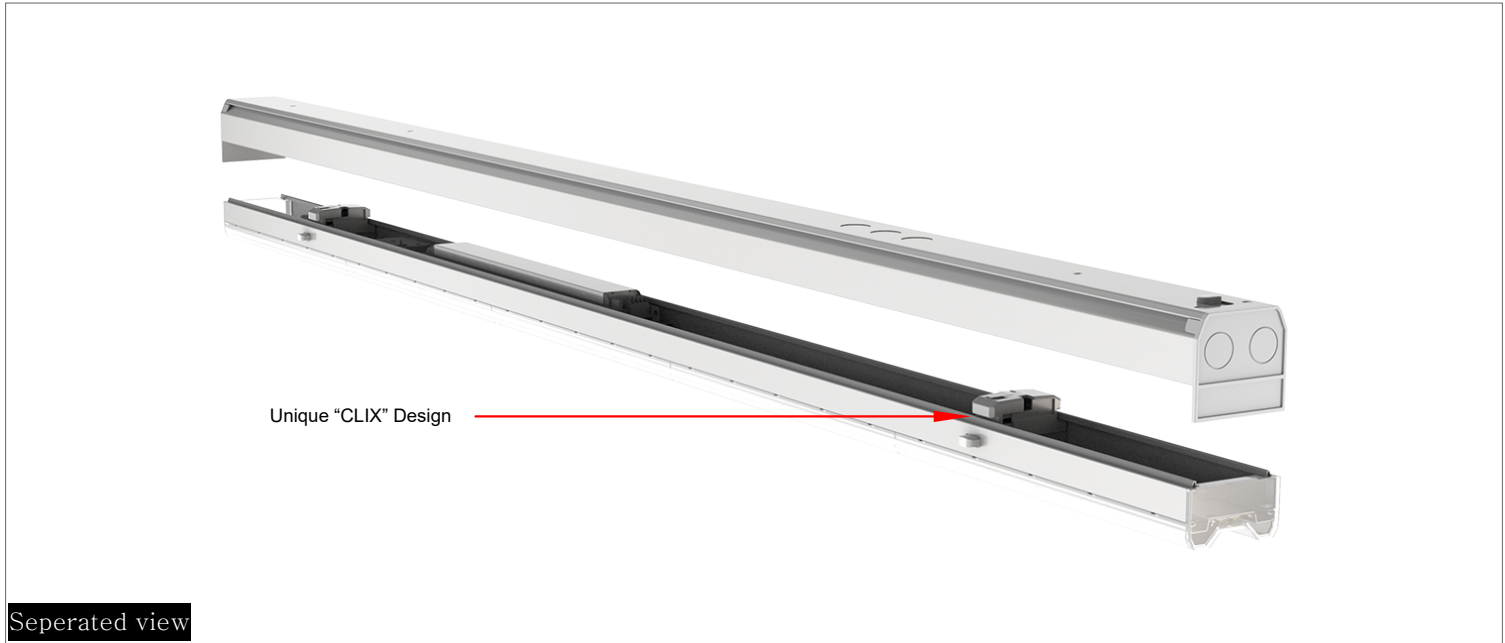
Side view 2



Front view

# APPEARANCE - Single Lamp(Excluding 130°)

ISO view



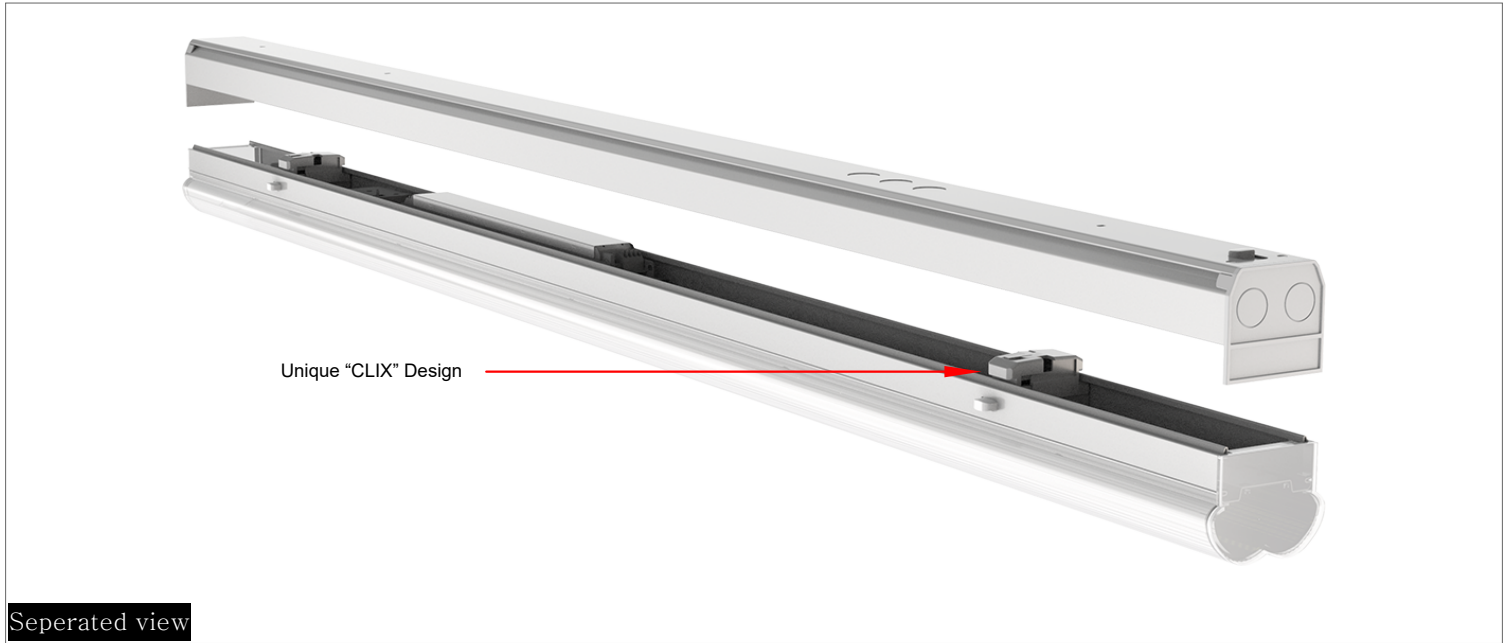
Seperated view



Attached view

# APPEARANCE - Continuous Lamp (PC Cover, 130° )

ISO view



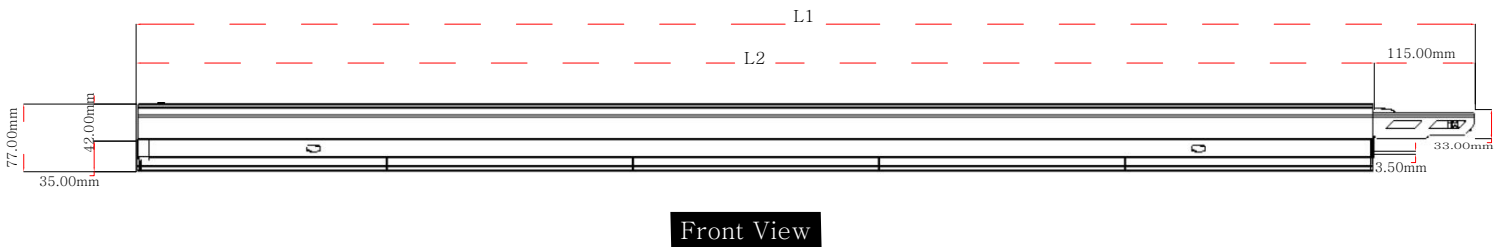
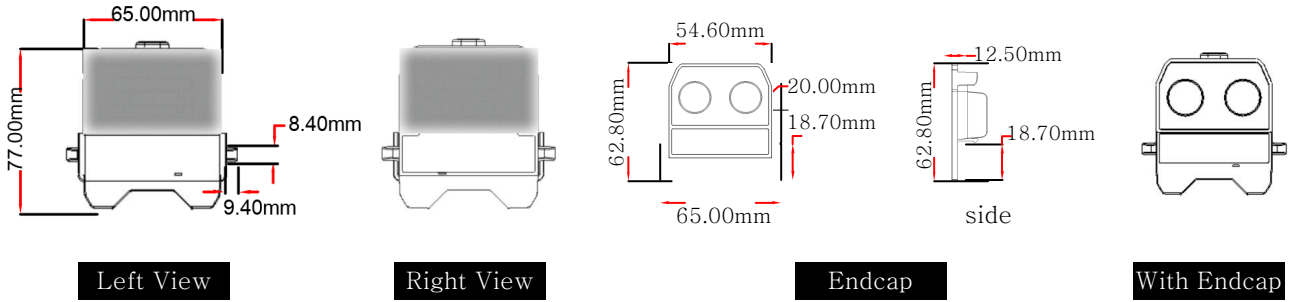
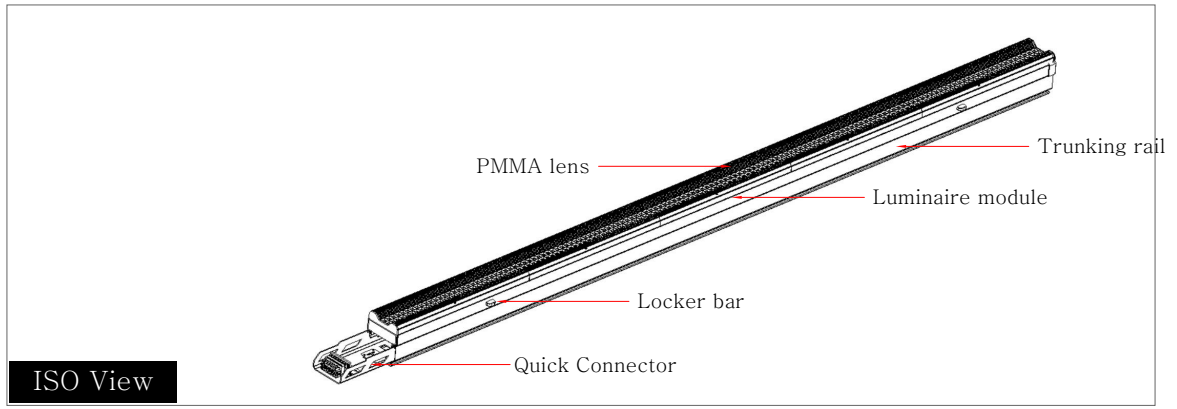
Seperated view



Front view



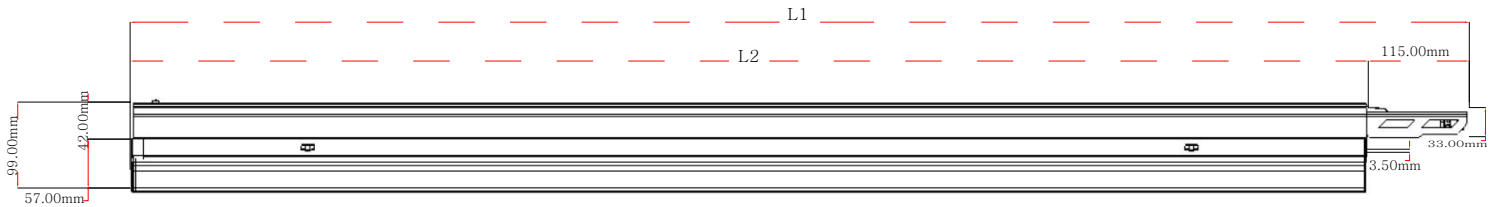
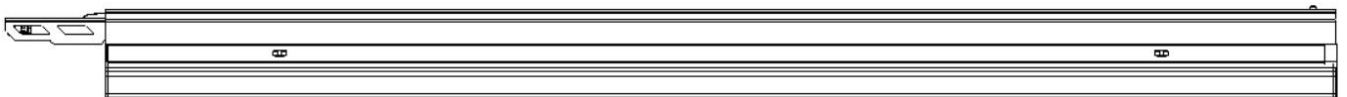
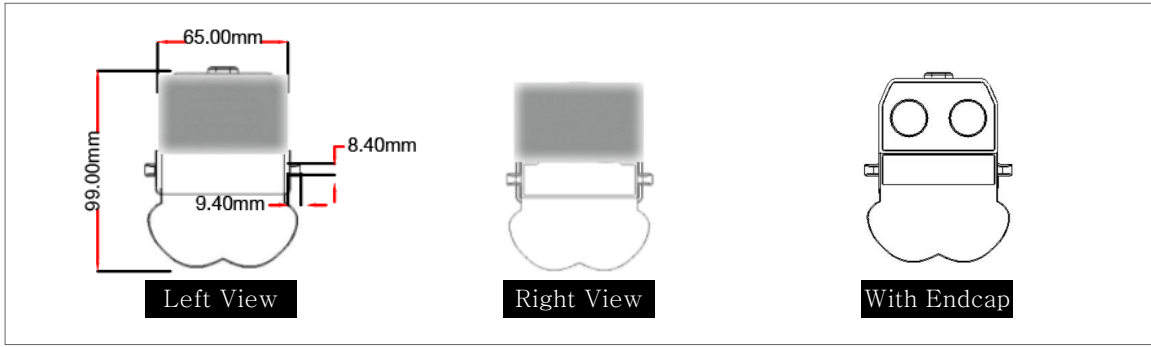
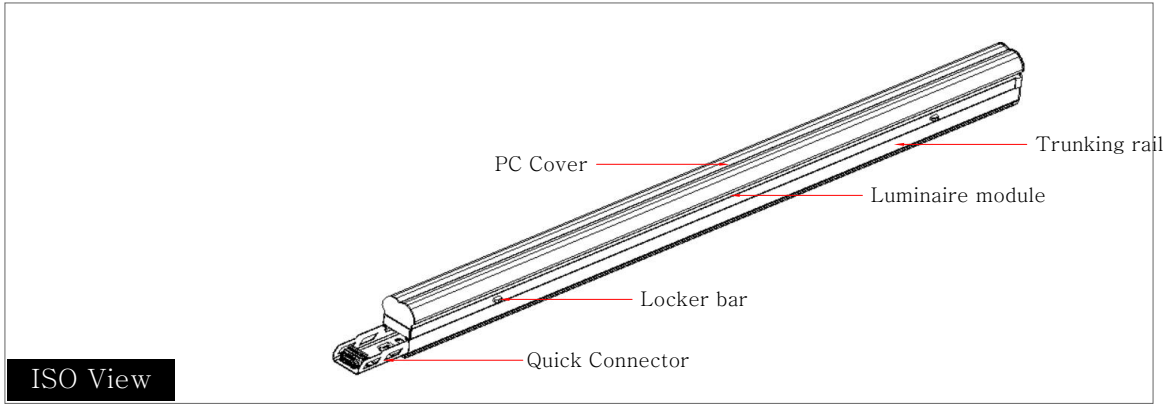
# DRAWING - Continuous Lamp(Excluding 130°)



Continuous Lamp	L1	L2	Width	Height
5FT	1525	1410	65	77
10FT	2935	2820	65	77

unit: mm

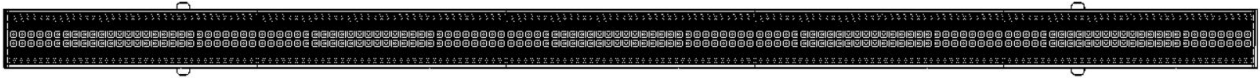
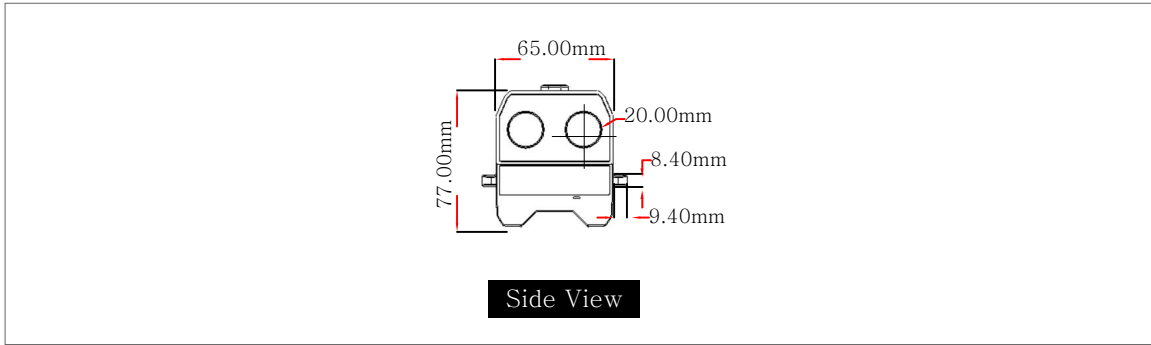
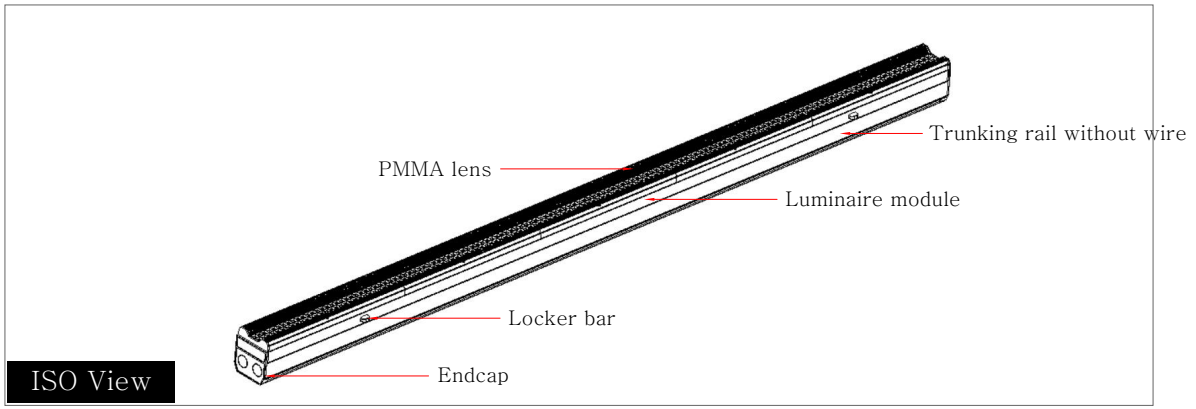
# DRAWING - Continuous Lamp (PC Cover, 130° )



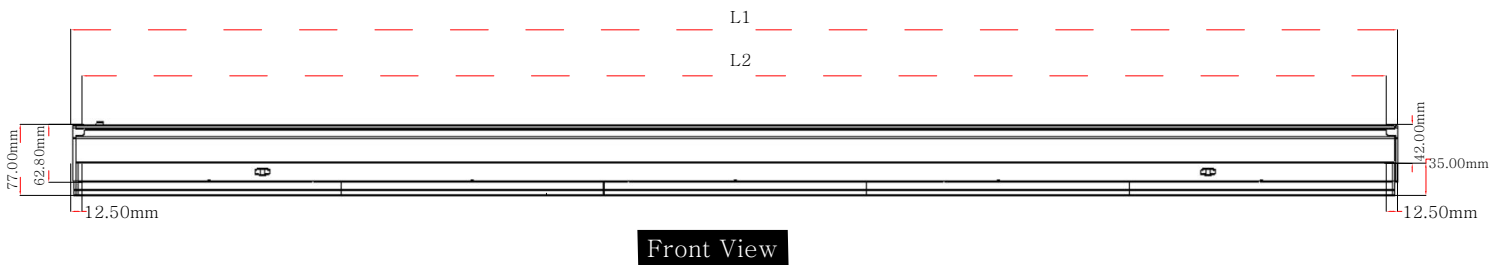
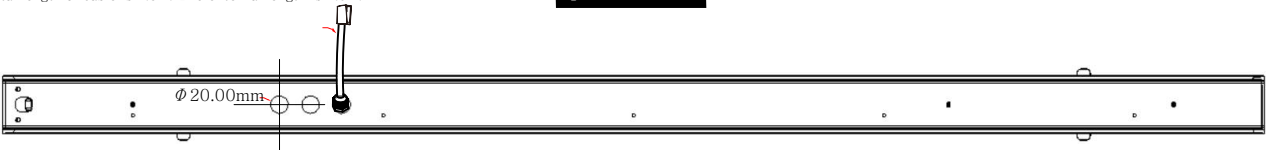
Continuous Lamp	L1	L2	Width	Height
5FT	1525	1410	65	99
10FT	2935	2820	65	99

unit: mm

# DRAWING - Single(Excluding 130°)



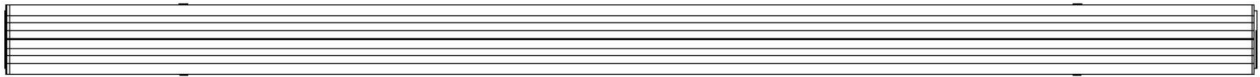
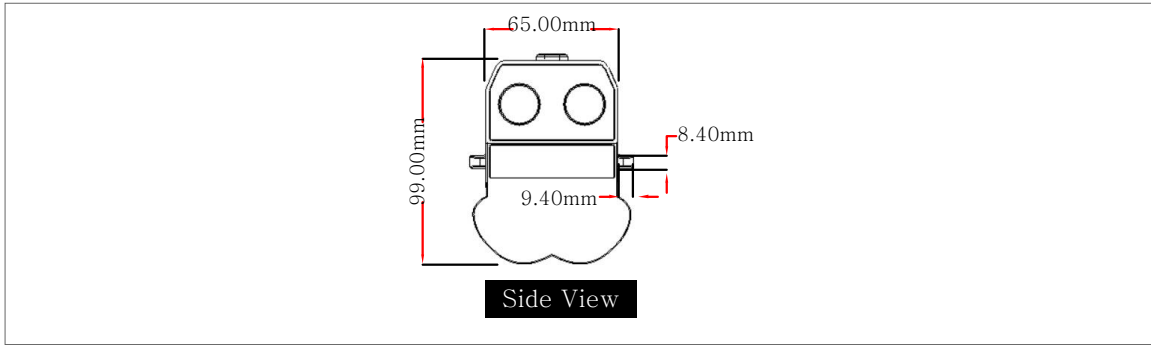
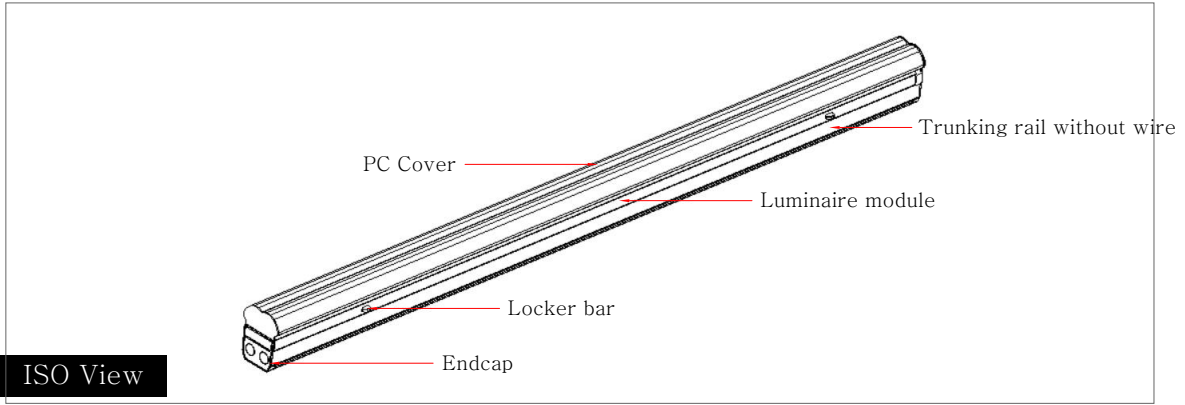
Note: Every single lamp is pre-wired with terminal block for power supply.  
The total length of cable is 1.5m. The external length is 1.0m.



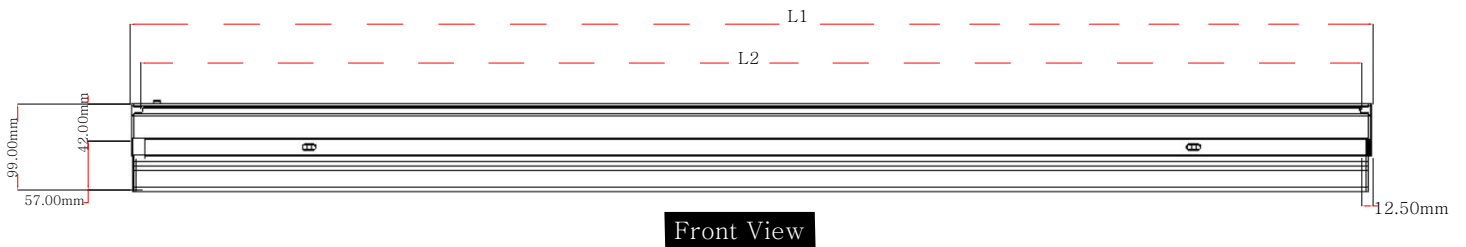
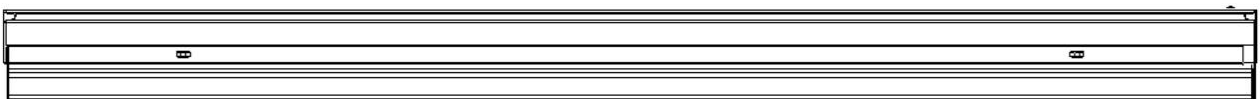
Single Lamp	L1	L2	Width	Height
5FT	1435	1410	65	77
10FT	2845	2820	65	77

unit: mm

# DRAWING - Single Lamp (PC Cover, 130° )



Note: Every single lamp is pre-wired with terminal block for power supply.  
The total length of cable is 1.5m. The external length is 1.0m.



Single Lamp	L1	L2	Width	Height
5FT	1435	1410	65	99
10FT	2845	2820	65	99

unit: mm

## LiteHome Warranty Policy

The “Warranty Period” will begin at the date of original Product purchase form either LiteHome or an authorized LiteHome Distributor. Hereby below are warranty terms provided by SHENZHEN LITEHOME OPTOELECTRONIC TECHNOLOGY CO., LTD.

1) The warranty applies in case of any of followings occurs:  
Failure of function is caused by product defects. For example:

- a. Products work flickering.
- b. Broken chips and driver, wires welding failure.

2) LiteHome takes liabilities hereby below under the limited warranty:

a. Within the warranty period, LiteHome provides free charge service for repair, for those items are unable to be repaired, LiteHome takes liability to supply

fresh goods for replacement at no extra cost for each order, LiteHome only bears the round – trip freight at one time.

b. LiteHome provides 1‰ spare parts for each order of linear system which is more than 1000 pieces.

In the case of the order that is less than 1000 pieces for linear system, LiteHome will not provide spare parts and replace the fresh goods in the next order or repay the equivalent amount. For the sample order (1~20pcs), LiteHome will offer free replacement parts, buyers suffer the freight.

c. Product defective rate is specified to be 1‰ for linear system for the bulk order, within the warranty period, LiteHome bears shipping cost back and forth one time for replacing the defective item(s) with defective rates exceeding 1‰ for linear system one time for each order.

d. In case the model of the defective item(s) is obsolete, LiteHome take liabilities to replace the item(s) by similar grade ones at no cost.

e. LiteHome will repair or replace product covered under this warranty with components at LiteHome’ s election or discretion.

f. LiteHome would like to offer free technical support during the warranty.

3) This warranty excludes the followings:

a. This warranty is avoided and does not apply to products that fail as a result of neglect, mistake, misuse, alteration, improper installation or implementation operating at Customer side such as damaging during transportation, incorrect wiring, installation under improper and non-approved operating environments like temperature, humidity or voltage conditions, improper installation using components that are not approved or are not LiteHome manufactured products, human failure broken etc.

b. Products lack of labels or other evidences to identify correct manufacturing date of the products.

c. Product operation temperature exceeds the range of -20 ~ 65 degree centigrade.

d. Force majeure and other act of god, such as natural disaster, strike, fire hazard, etc.

4) Insurance Purchase.

To avoid the loss of damage because of transportation, we suggest and help customers to buy the insurance for each order. The beneficiary is buyer. If there is problem and damage because of transportation, customer can claim compensation from insurance company or shipping company directly, LiteHome would like to assist customer to ask for compensation if need.

The problems and damage occurred by transportation is as below:

a. Original Package with well packing is broken due to the violent impact during the shipment or the custom officers carry out spot check.

b. The shortage of number due to custom officers ‘spot check.

c. The goods are destroyed by the transport company, like it is destroyed by burning, etc.

5) Verification of defective goods:

Buyer is responsible to provide evidence such as clear pictures or videos to show the existence of related defects. The procedure of aftersales service is as below:

a. First, customer is required to fulfill the aftersales sheet to describe problems, for our record.

b. Second, Customers is required to offer the evidence of the problem such as video or pictures for our record.

c. We will check the reason of the problem and damage. If it is occurred by our quality within the warranty period, LiteHome will make the procedure of

warranty according to above no.2.

d. If we can not check out the reason of problem and damage by the picture and video, customer is required to send the damaged parts to our office

for further detailed checking, whether it needs to be sent or not, it is determined by LiteHome. The freight will be suffered by buyer. If it is occurred by our quality within the warranty period, LiteHome will make the procedure of warranty according to above no.2.

This Warranty is further conditioned on the purchaser contacting LiteHome during the warranty period between normal business hours to review the issue and initiate the Returned Merchandise Authorization (RMA) process. This must be done prior to the return of any defective product. Only LiteHome manufactured products may be returned through the LiteHome RMA process. Not defective or LiteHome' s products will be returned to purchaser. The LiteHome RMA form must be legible and completed in detail prior to approval for return

## LiteHome after sales service

### 1) Lighting Technique Instruction

- a. To solve your technical problems of lighting, there will be exclusive salesman and engineers following your case.
- b. To help you show the installation instruction to your clients, LiteHome will offer you installation manual by video and paper.

LiteHome will also invite customers to our factory or lighting fair to have lessons of lighting installation instruction and lighting design for projects.

### 2) Project Continually Tracking. Projects always require reliable quality to ensure long time operation.

- a. Our salesman will keep regular tracking monthly after our customers install the lighting and get feedback about the lighting condition from them.

Continual tracking will help our clients to solve problem immediately.

- b. Our team will also go for field trip to learn the real condition of project and market every year. Our engineering and marketing team will adjust lighting solution to make it better according to the research.

Your kind ideas and suggestions about warranty and after sales service would be highly appreciated. Please feel free to leave message or call us directly.



– End –