



# SLine

## LED Linear Trunking System

**(UGR<19)**



**CB**

**CE**



**UGR**  
**<19**

**Ta**  
**45°C**

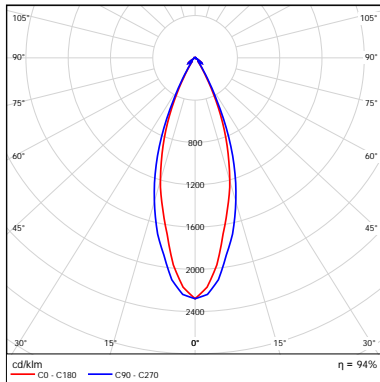
**IP**  
**50**



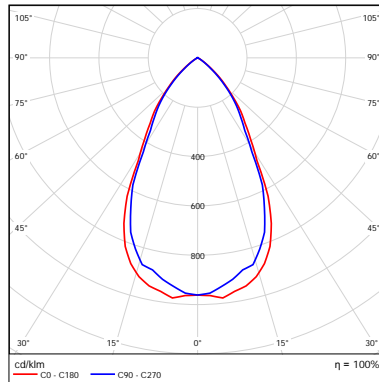
## Linear Trunking System - SLine

	Item	Details		Remark
<b>General</b>	Module:	5FT	10FT	
	Length of module:	1410mm	2820mm	
	Trunking rail:	5FT	10FT	
	Length of trunking rail:	1525mm	2935mm	Trunking Optional: 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		@4000K
	Color temperature:	3000K / 4000K / 5000K / 5700K / 6500K		≤5 SDCM
	CRI:	>80		
<b>Optical</b>	UGR:	<19(Double 25°&30°&60°), <25(90°)		not applicable to Left 25° / Right 25°
	Lamps:	with 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 emission:	direct distribution		
Service life:	L90B50, 50,000hrs		@25°C;	
<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		0-10V dim
	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°C		ta=45°C
<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

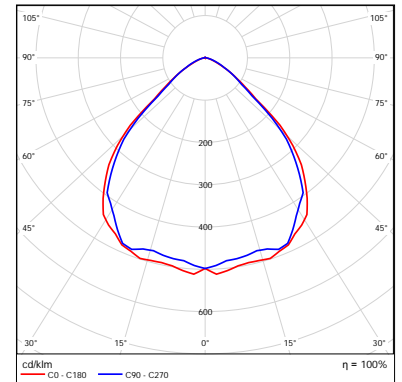




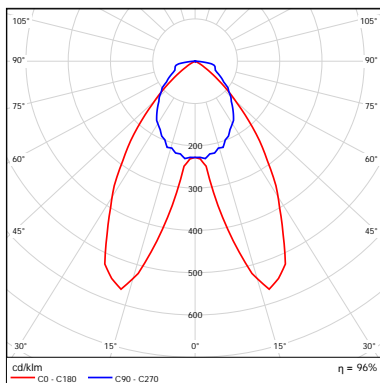
30°



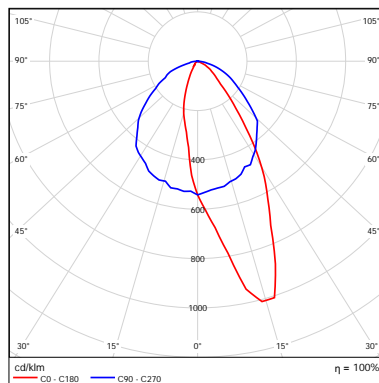
60°



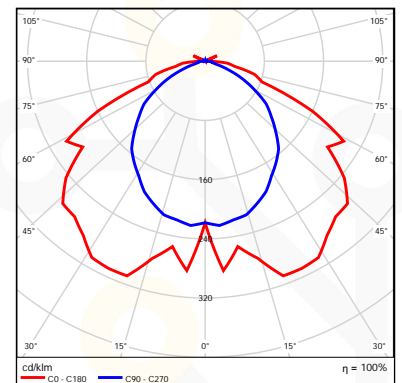
90°



Double 25°

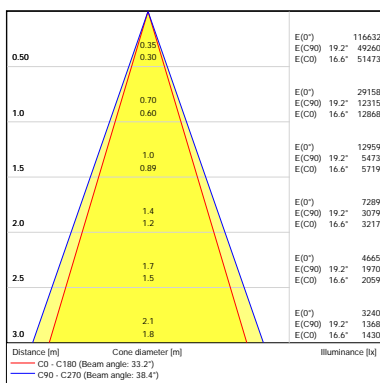


Asymmetric 25°

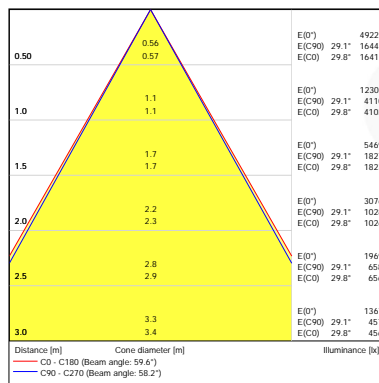


130°

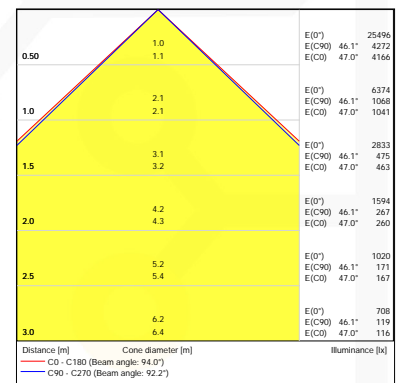
INTENSITY DISTRIBUTION



30°



60°



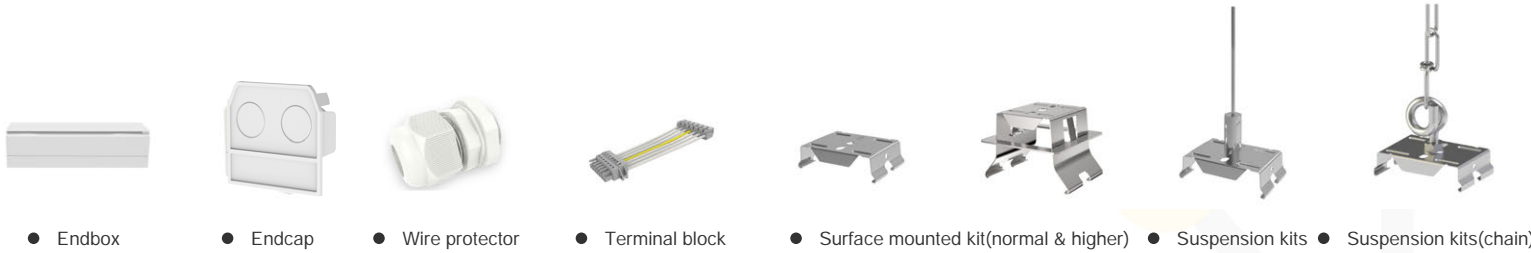
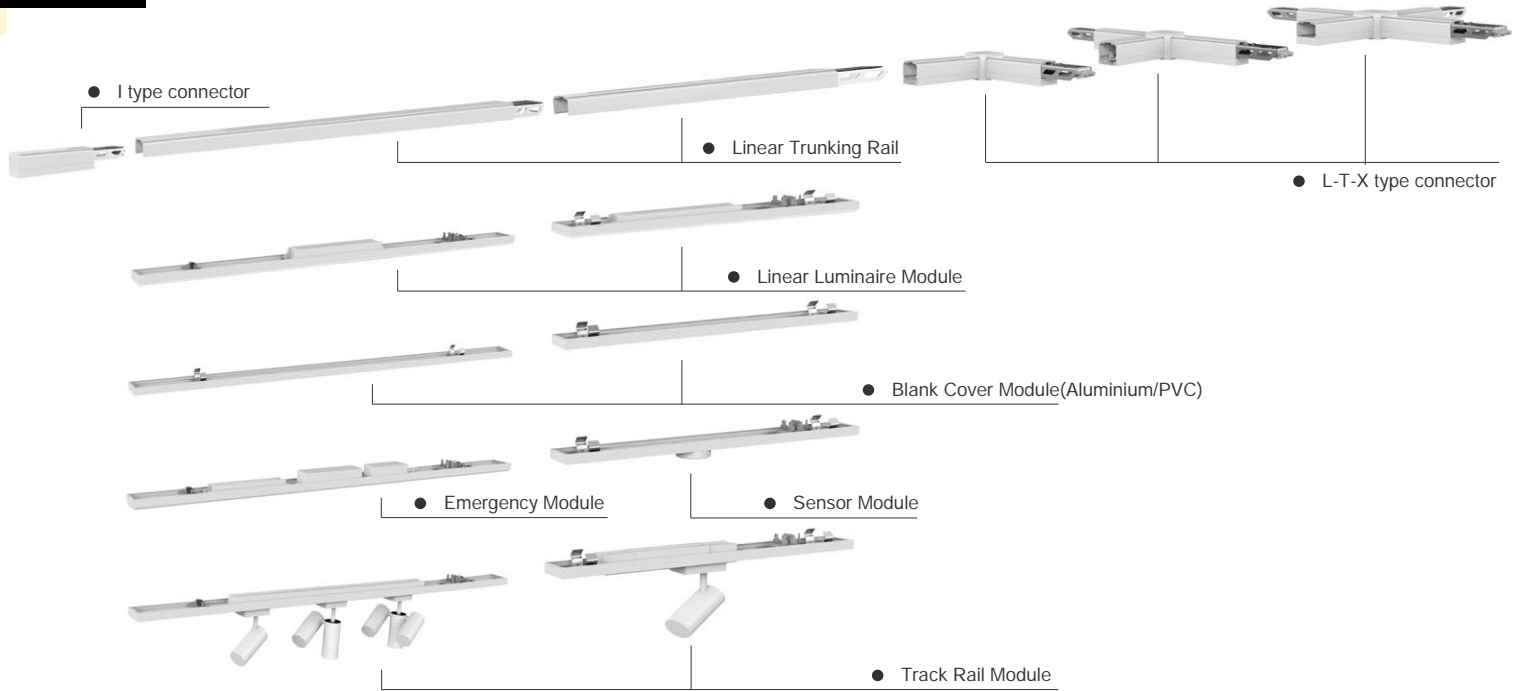
90°

**i** Remark:

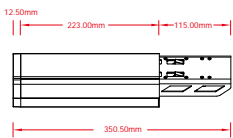
The above cone diagrams are based on the test data of 80W, 128000lm, 5700K.  
Only refer to symmetric lighting distribution.  
Data tolerance is ±10% according to the test equipment and environment.



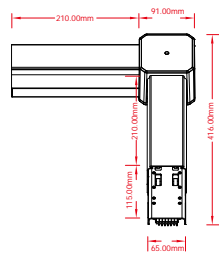
Whole view



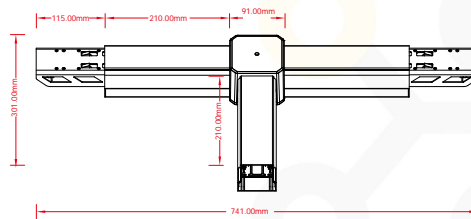
Connector



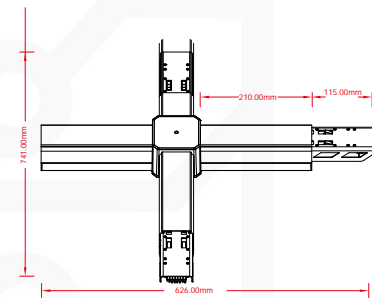
I Type



L Type



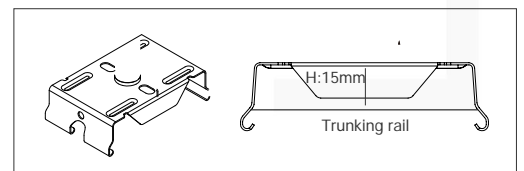
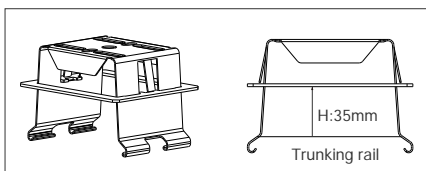
T Type



X Type



Surface Mounted Kits





ISO view



Side view 2



Quick-Separated Switch

LOCK

UNLOCK

Front view





ISO view



Side view 2



Quick-Separated Switch

LOCK

UNLOCK

Front view





ISO view



Unique "CLIX" Design



Seperated view



Attached view

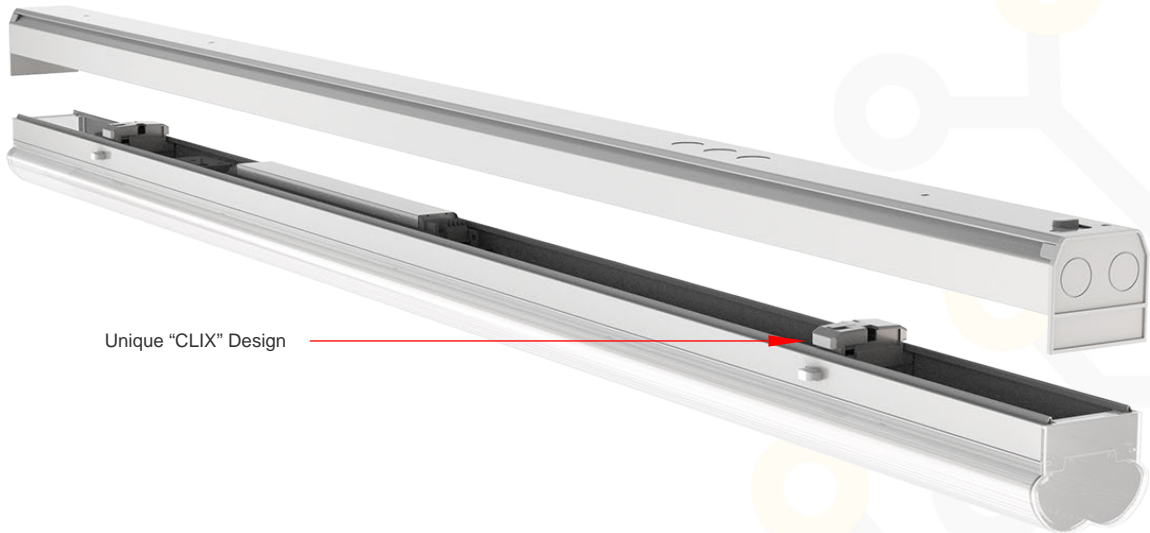




ISO view



Unique "CLIX" Design

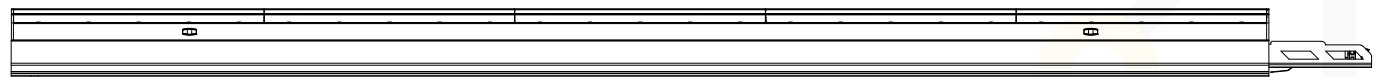
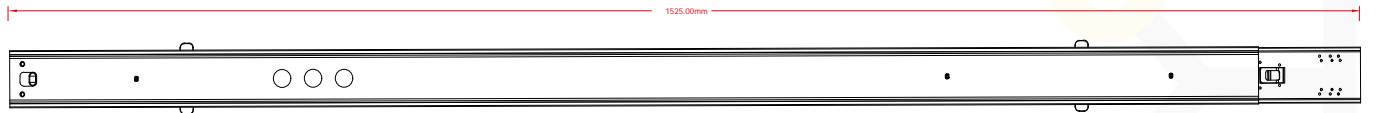
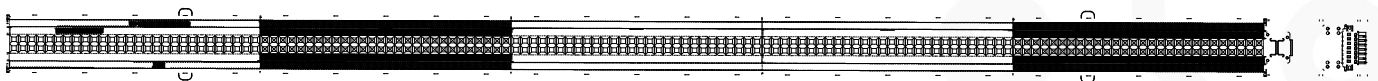
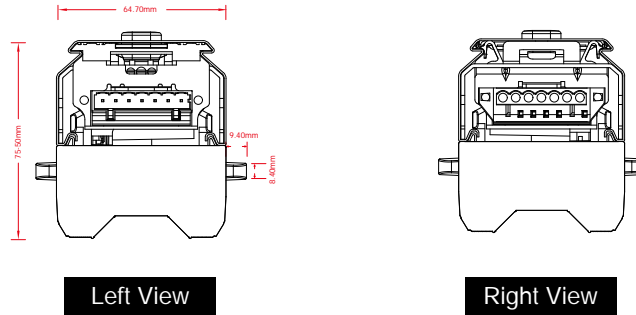
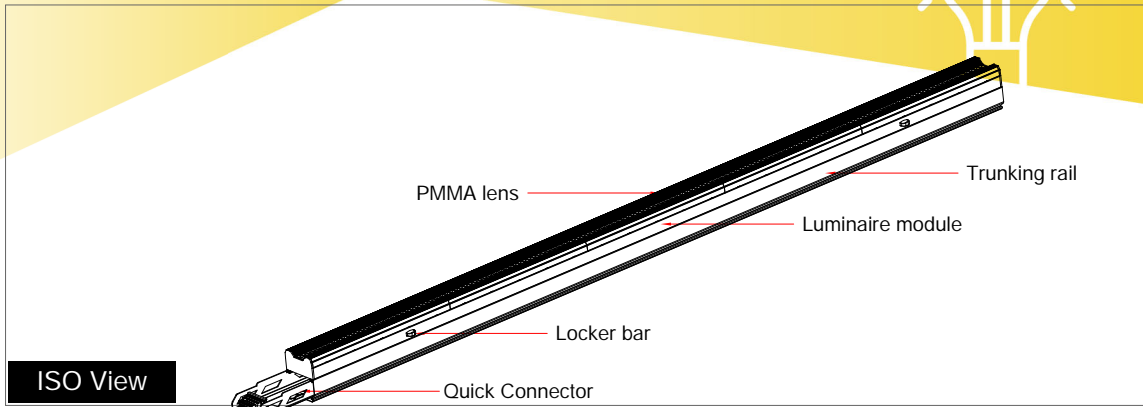


Seperated view

Front view

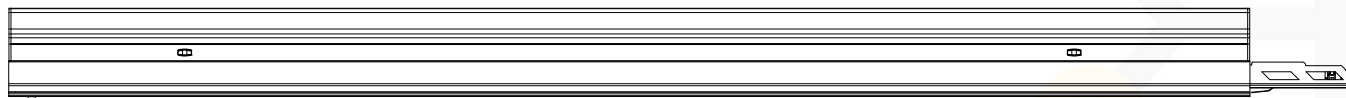
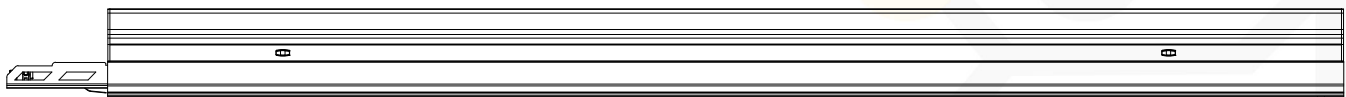
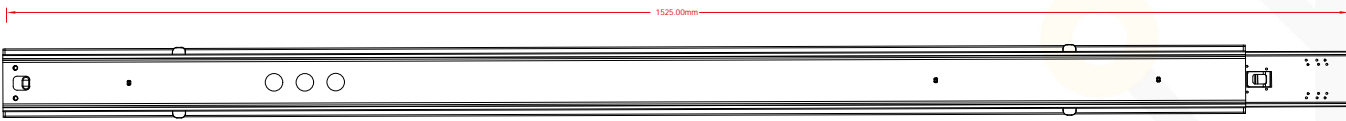
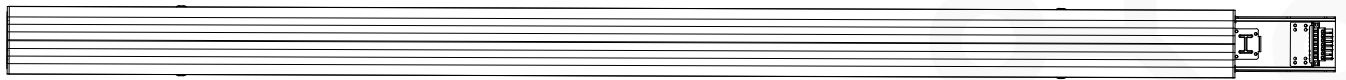
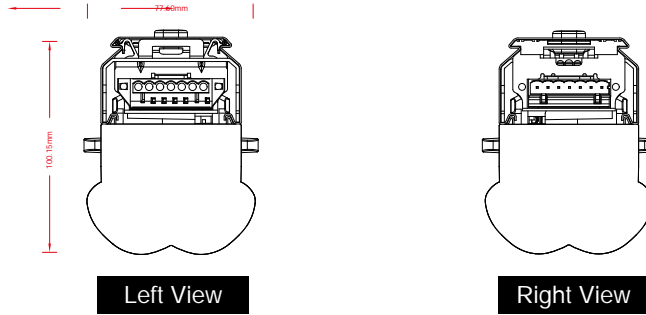
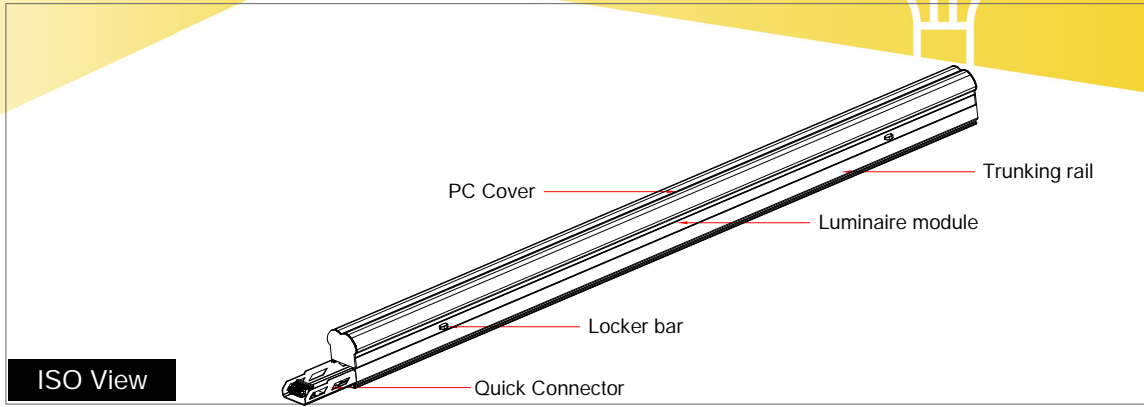






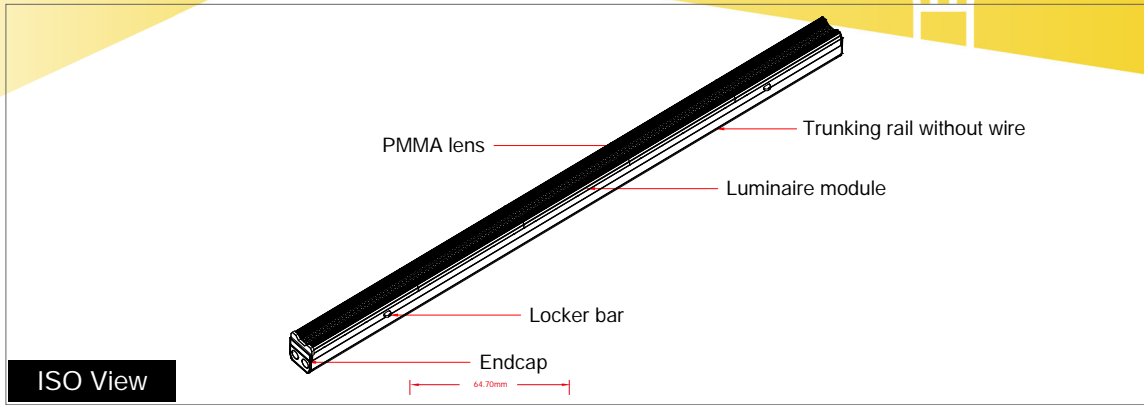
Continuous Lamp	L1	L2	Width	Height
5FT	1525	1410	65	76
10FT	2935	2820	65	76



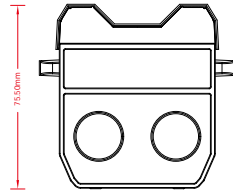


Continuous Lamp	L1	L2	Width	Height
5FT	1525	1410	78	100
10FT	2935	2820	78	100

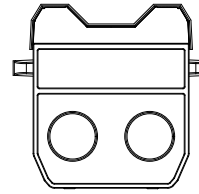




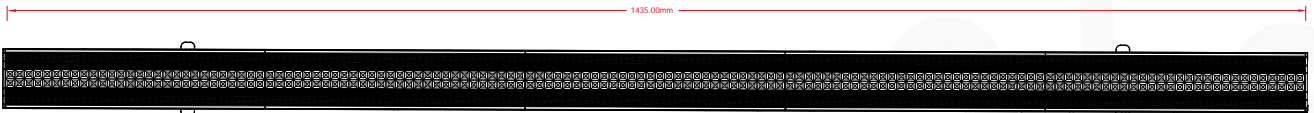
ISO View



Left View

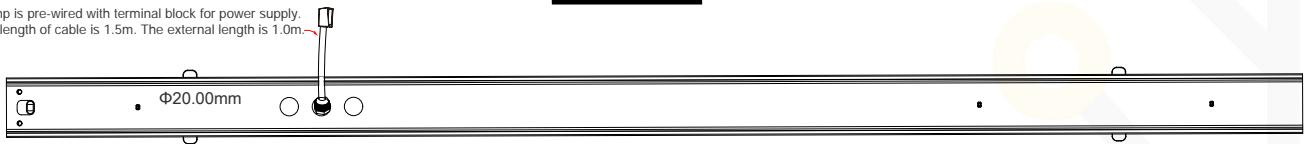


Right View



Top View

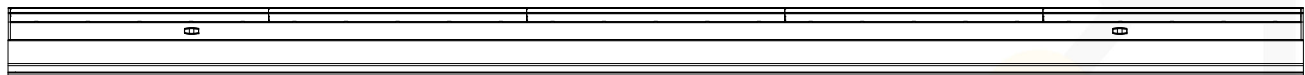
Note: Every single lamp is pre-wired with terminal block for power supply.  
The total length of cable is 1.5m. The external length is 1.0m.



Bottom View

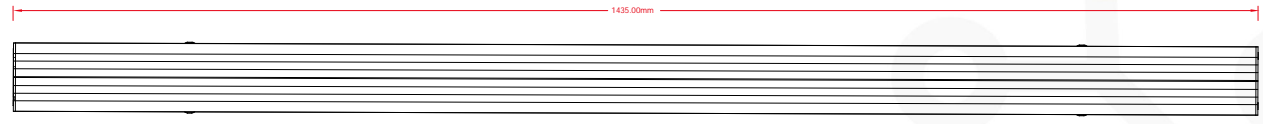
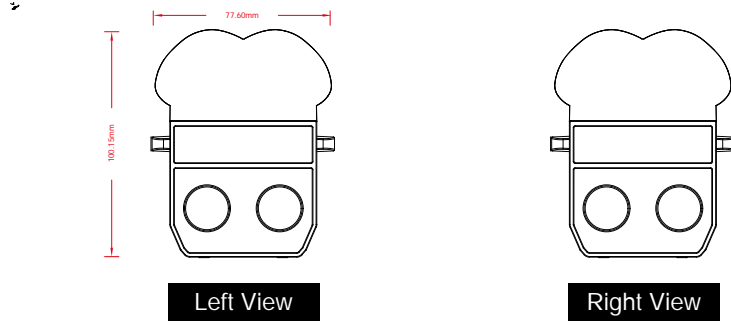
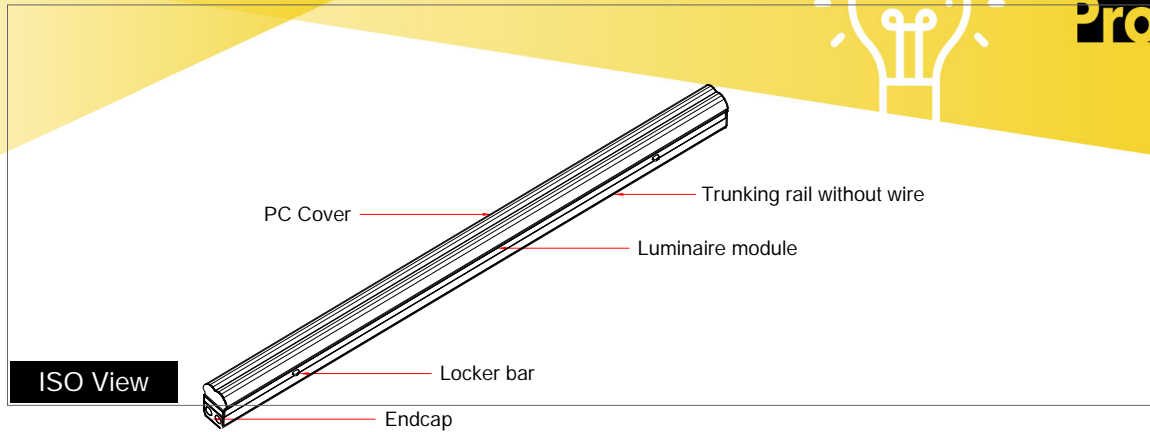


Back View



Front View

Single Lamp	L1	L2	Width	Height
5FT	1435	1410	65	76
10FT	2845	2820	65	76

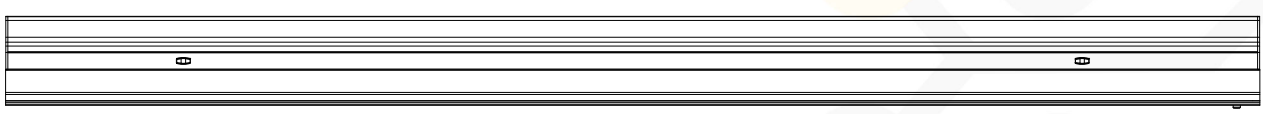


**Top View**

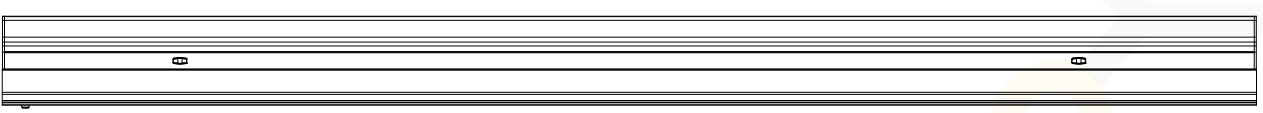
Note: Every single lamp is pre-wired with terminal block for power supply. The total length of cable is 1.5m. The external length is 1.0m.



**Bottom View**



**Back View**



**Front View**

Single Lamp	L1	L2	Width	Height
5FT	1435	1410	78	100
10FT	2845	2820	78	100