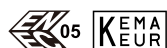


LED Linear Trunking System @ SLine

(UGR<19)



Specification Sheet



**Product
Customization**



**Marketing
Promotion**



Dialux Design



Tech. Support

Characteristics:

- Low UGR: UGR<19(30°&60°&D25°), UGR<25(90°)
- Saving energy: up to 160lm/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°, Double 25°, Asymmetric Left/Right 25°;
- Compatible to CooCo's linear lamp series: C Line@G1(future orders), S Line, T Line;



Supermarket



Warehouse



Workshop

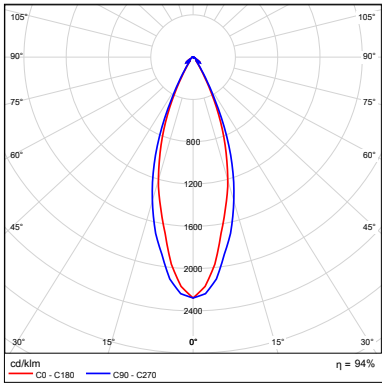


Architecture

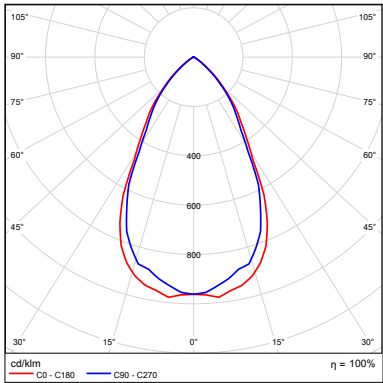
Linear Trunking System - SLine

	Item	Details		Remark
General	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		
Optical	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;
Material & Color	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.
Electrical	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, 2.5mm² 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		
Standards	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
Dimension & mounting	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

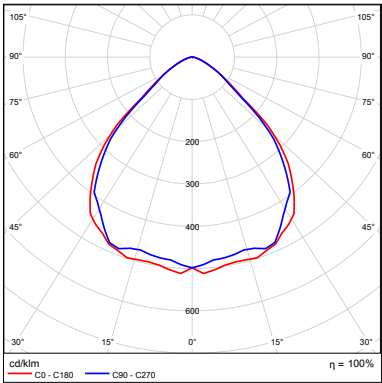
BEAM ANGLE



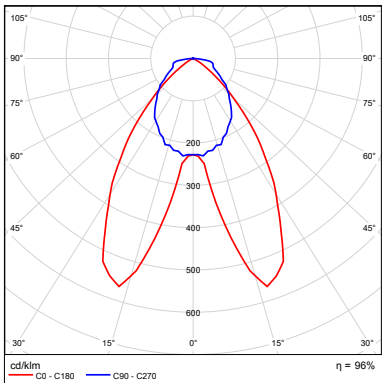
30°



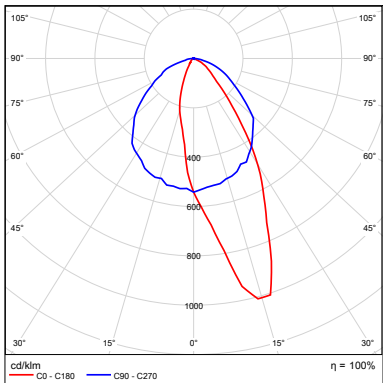
60°



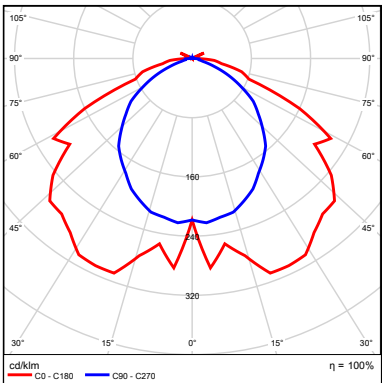
90°



Double 25°

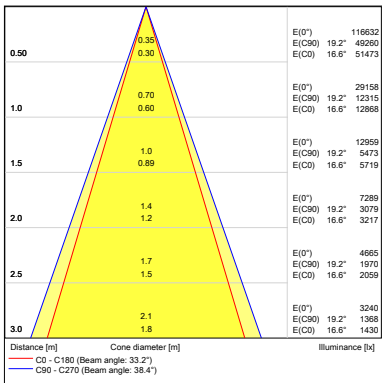


Asymmetric 25°

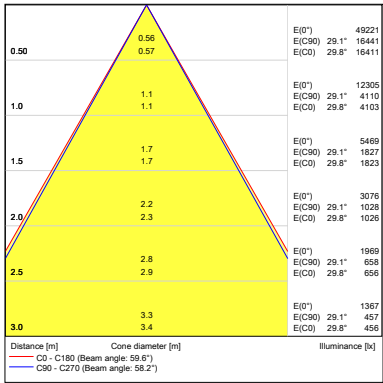


130°

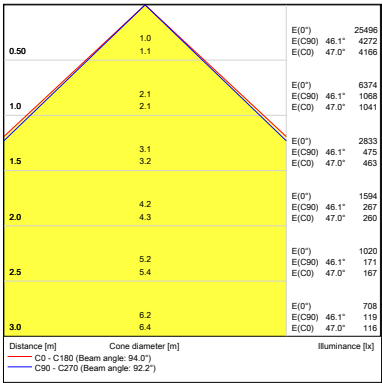
INTENSITY DISTRIBUTION



30°



60°



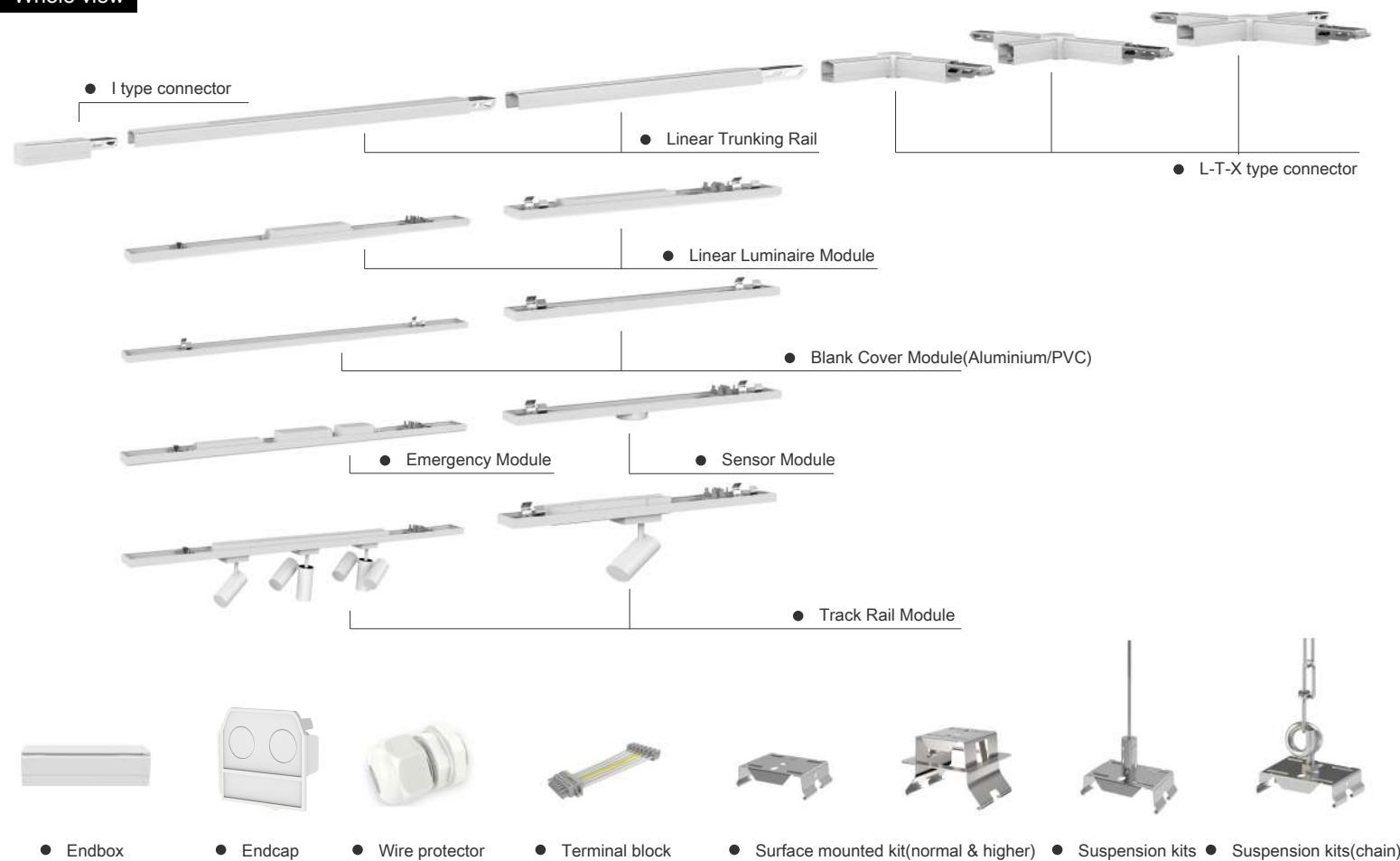
90°

i Remark:

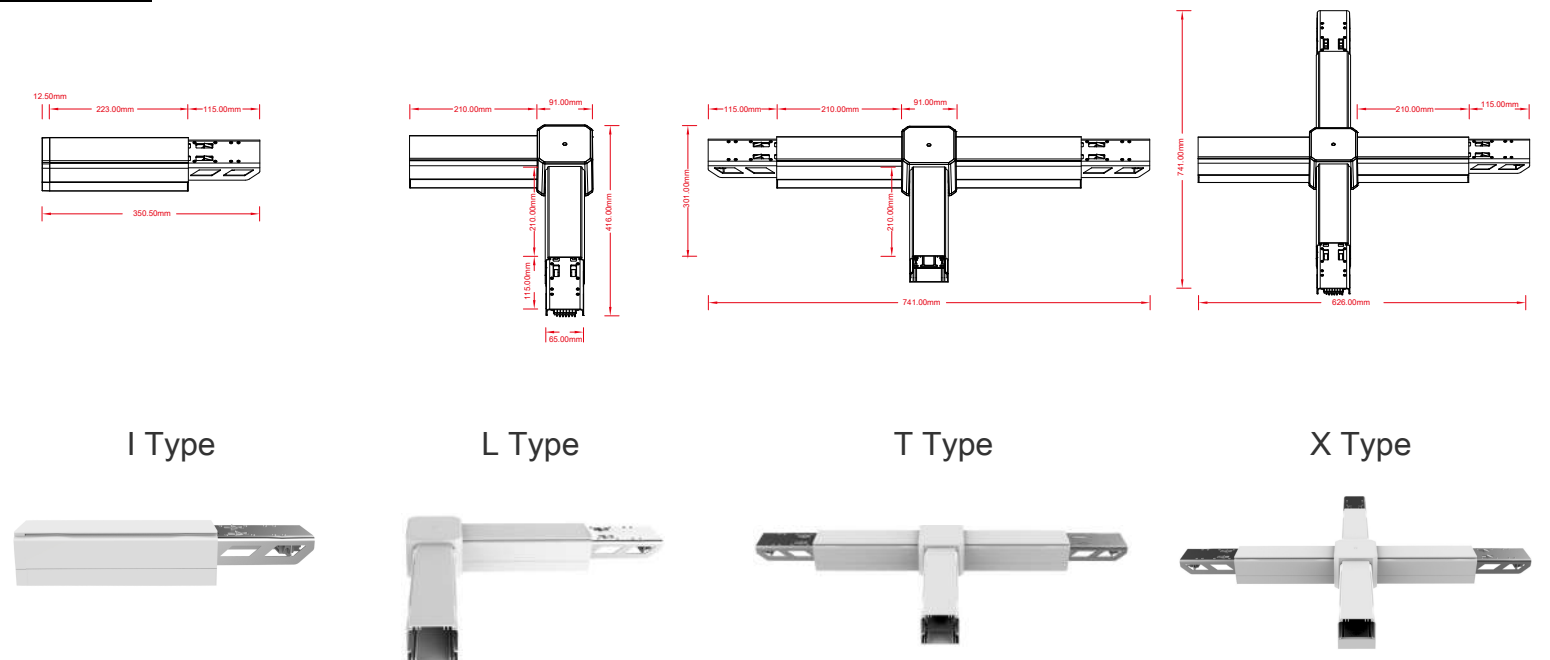
The above cone diagrams are based on the test data of 80W, 128000lm, 5700K.
Only refer to symmetric lighting distribution.
Data tolerance is ±10% according to the test equipment and environment.

OVERVIEW - Whole System

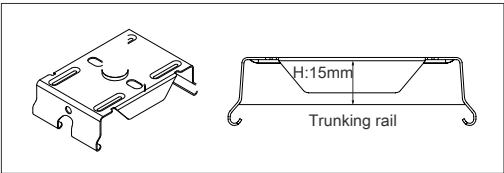
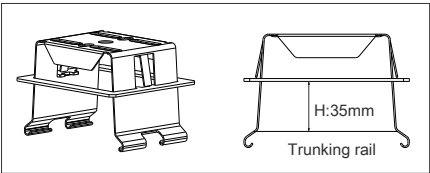
Whole view



Connector



Surface Mounted Kits



APPEARANCE - Continuous Lamp(Excluding 130°)

ISO view



Side view 2



Front view

APPEARANCE - Continuous Lamp(PC Cover, 130°)

ISO view



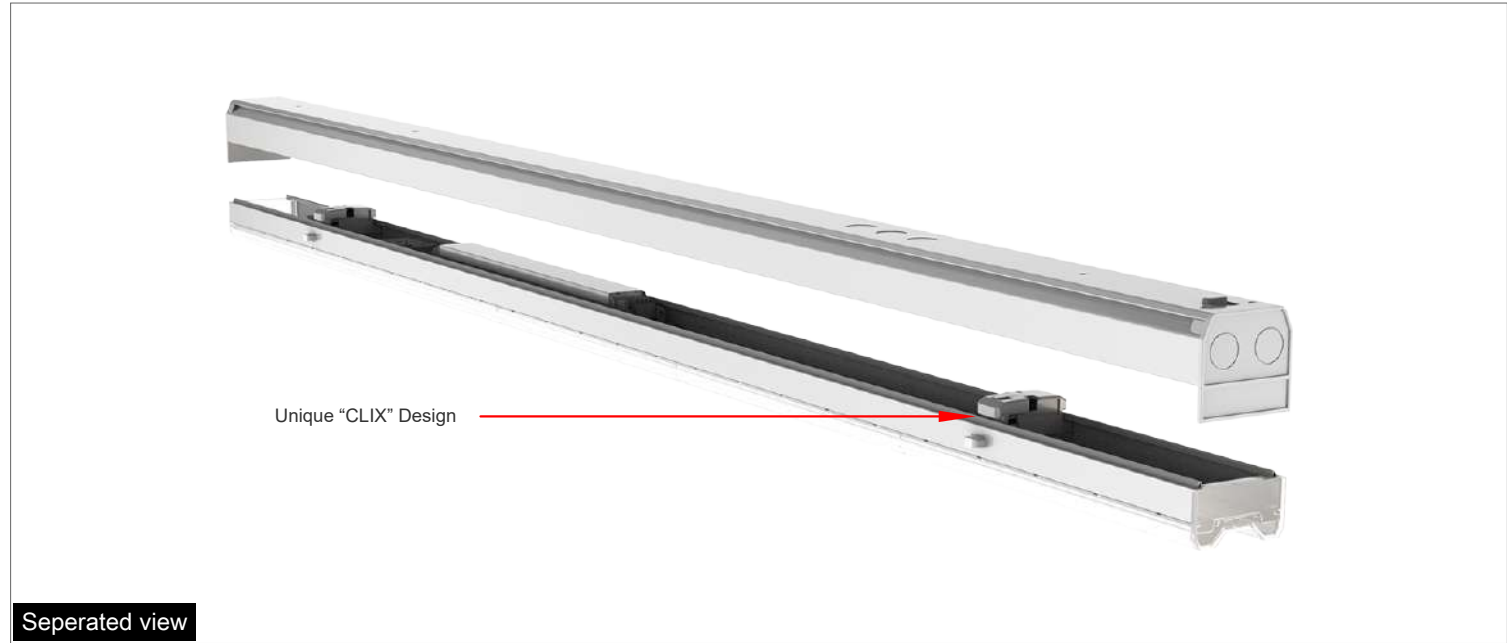
Side view 2



Front view

APPEARANCE - Single Lamp(Excluding 130°)

ISO view



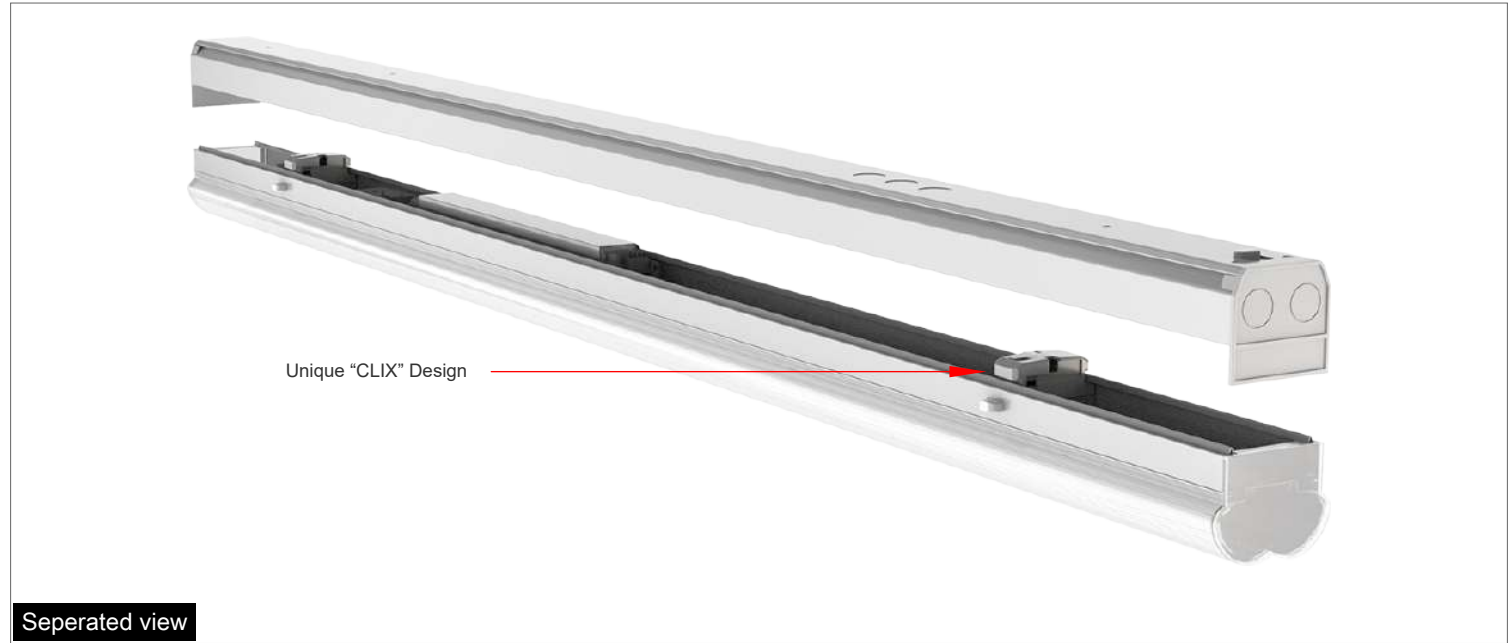
Seperated view



Attached view

APPEARANCE - Continuous Lamp(PC Cover, 130°)

ISO view

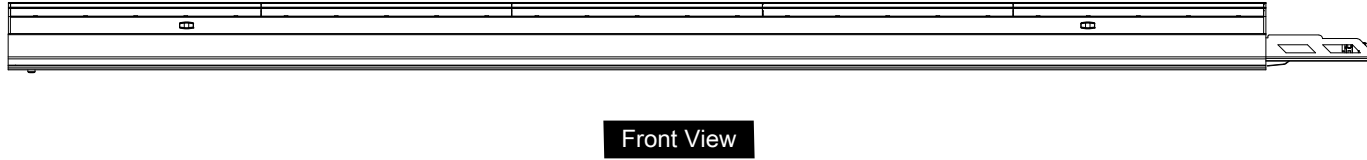
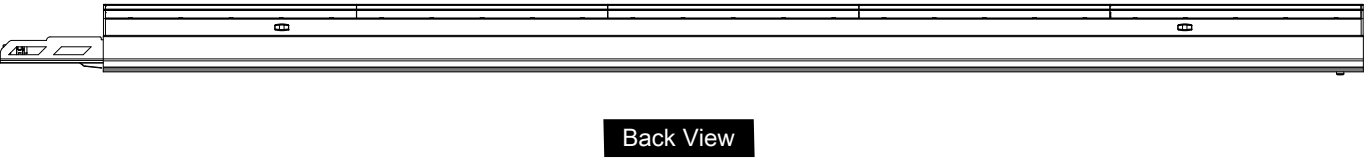
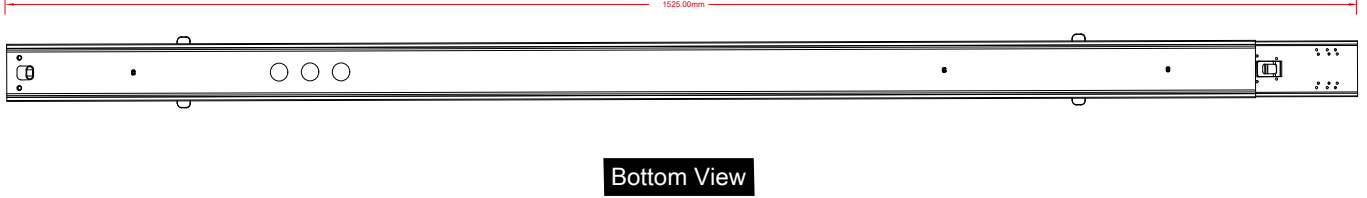
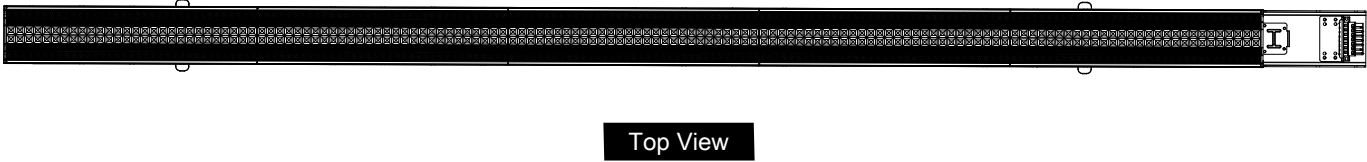
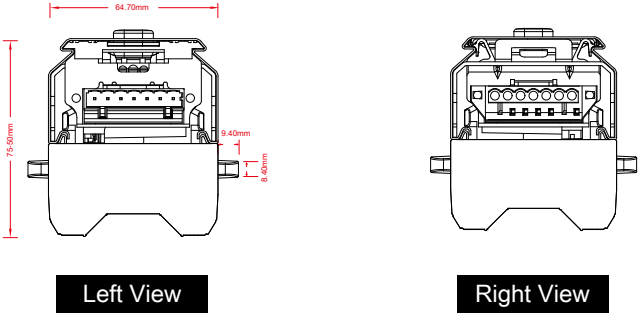
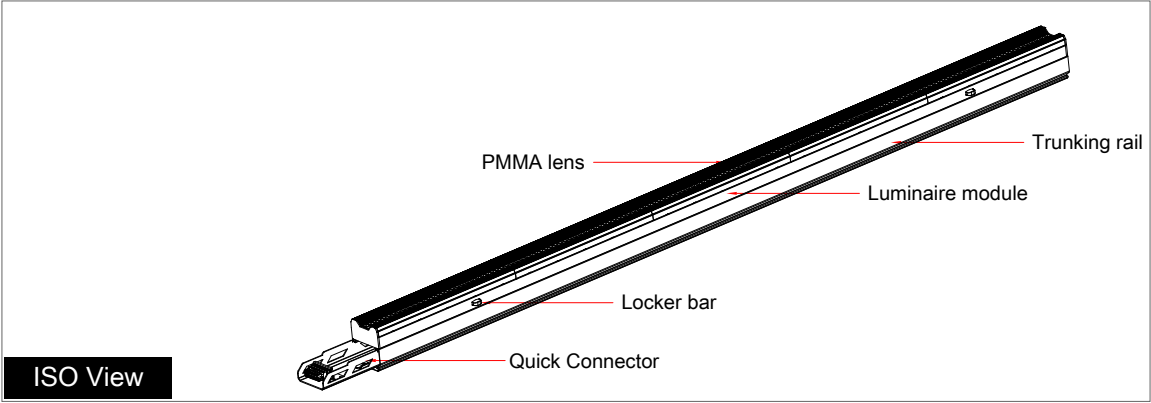


Seperated view



Front view

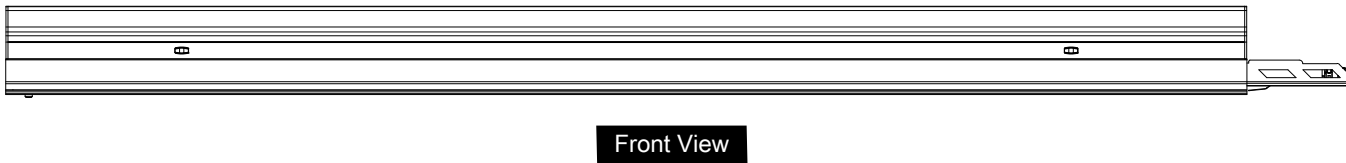
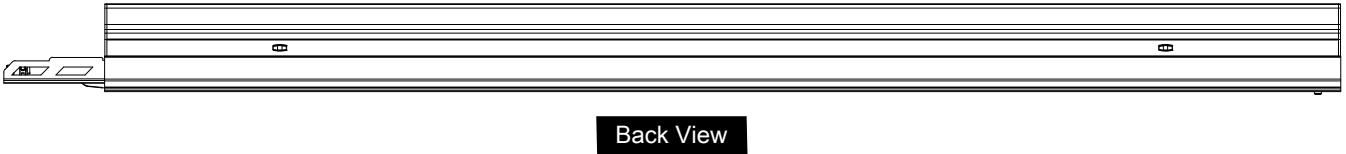
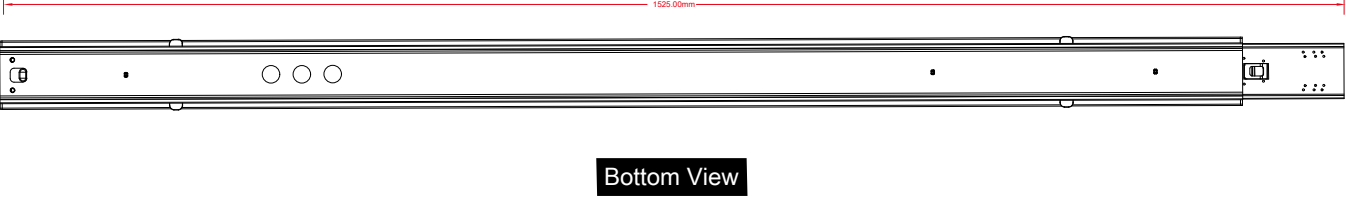
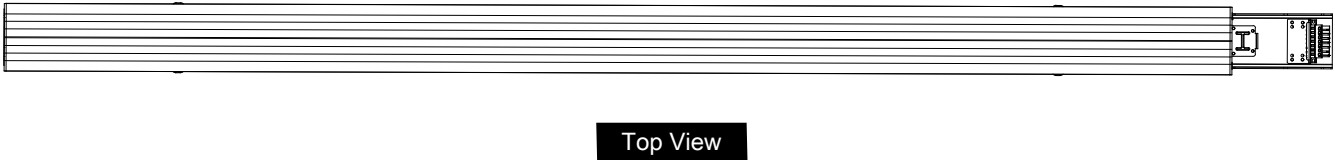
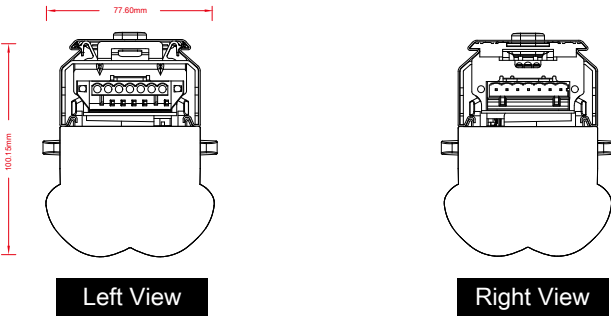
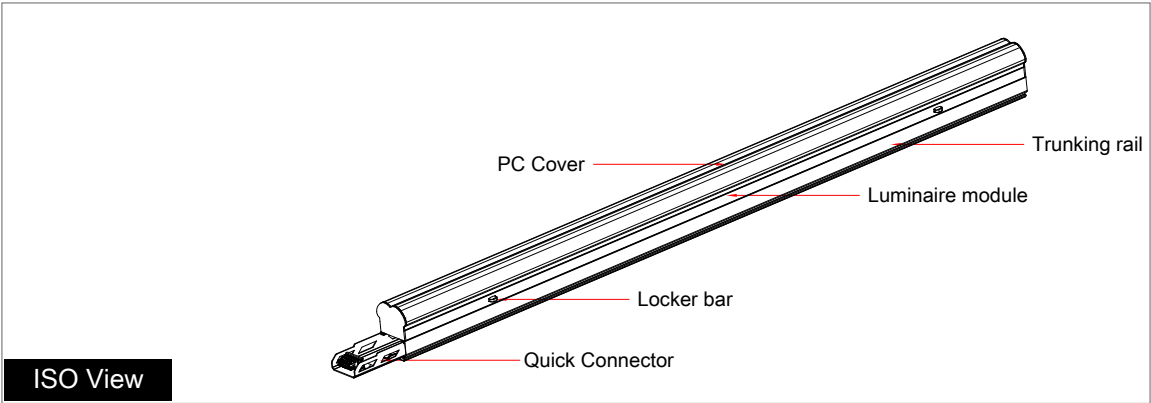
DRAWING - Continuous Lamp(Excluding 130°)



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

unit: mm

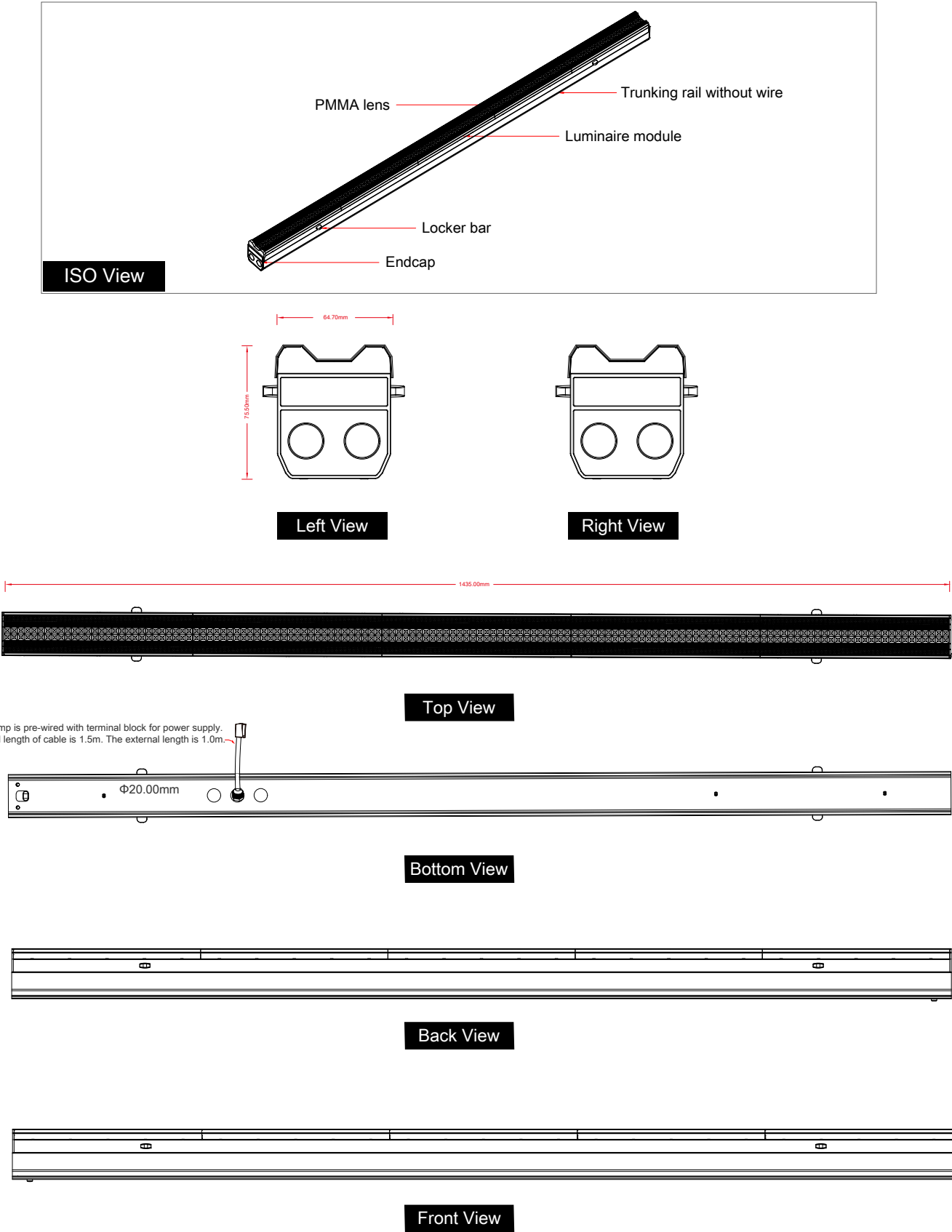
DRAWING - Continuous Lamp(PC Cover, 130°)



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

unit: mm

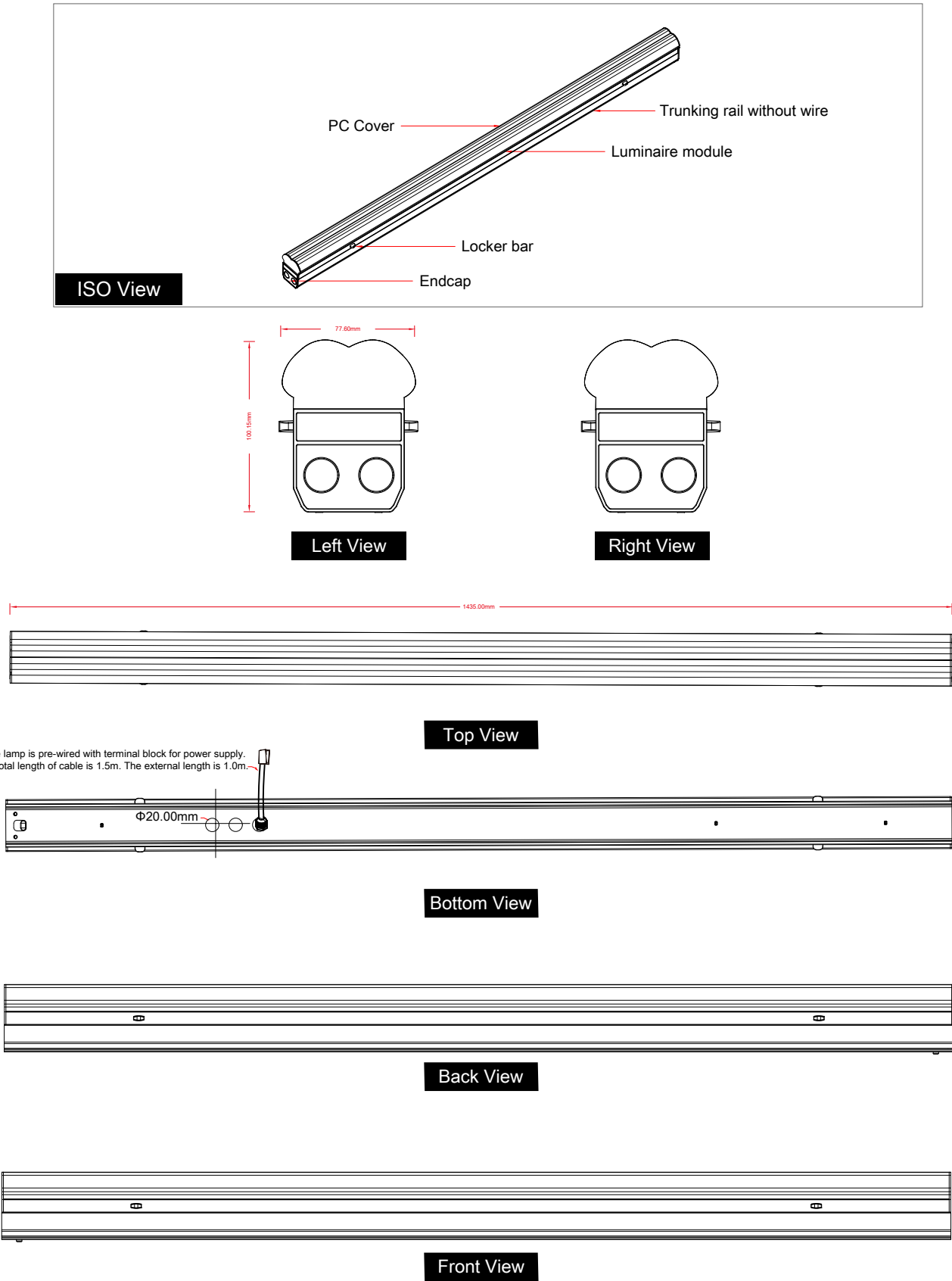
DRAWING - Single(Excluding 130°)



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

unit: mm

DRAWING - Single Lamp(PC Cover, 130°)



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

unit: mm