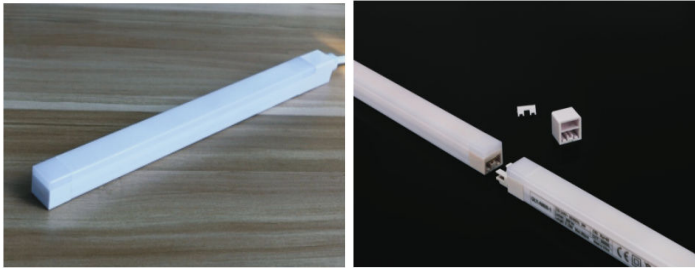


# LED Linear Light

## LINSYS AC SERIES AL-100



### Features



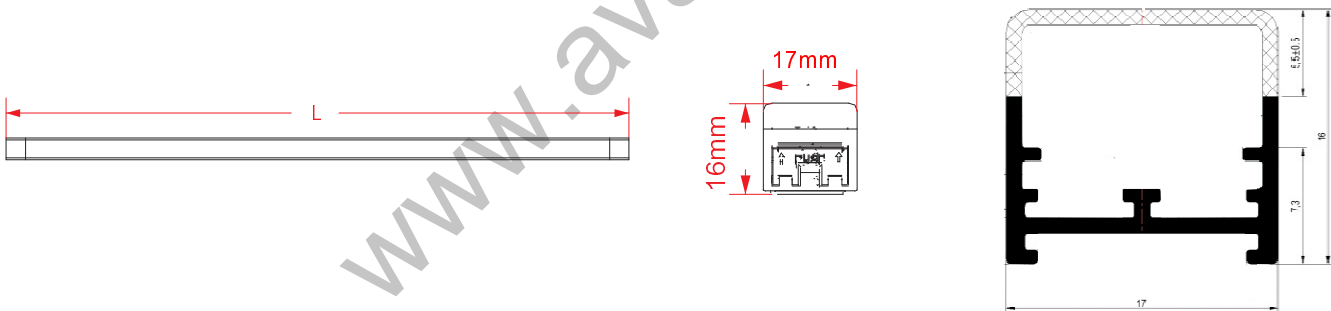
1. Elegant appearance, soft lighting, excellent design.
2. AC230V direct input, driver-free, convenient usage.
3. Seamless connection for both structure and light, up to 20 meters linkable run length.
4. Entire PC co-extrusion insulation protection in class II.
5. Linkable by rigid insertion or flex jump cable.

### Application

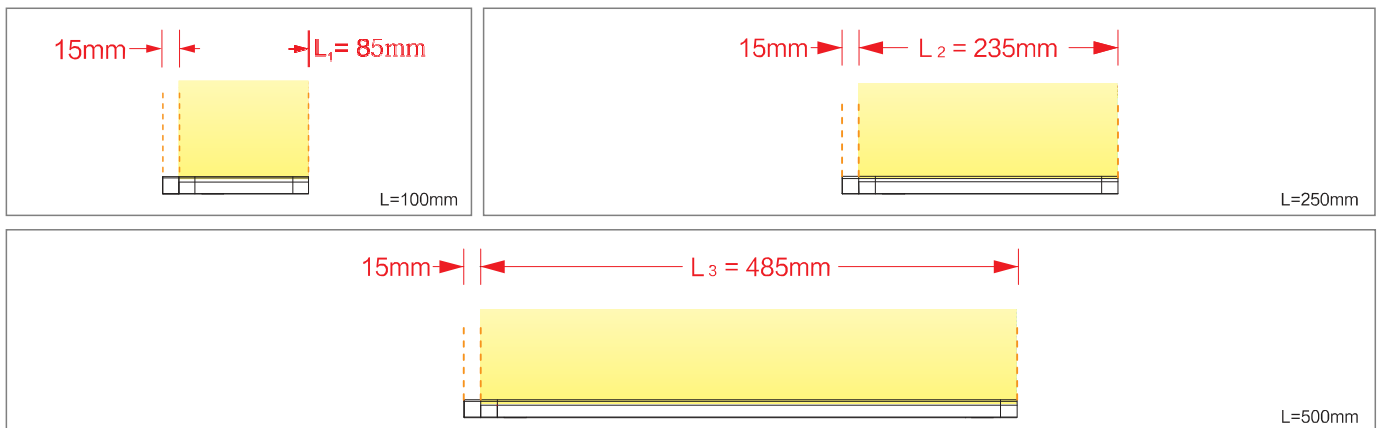
1. Shelf, cabinet.
2. Retail, supermarket.
3. Corridor, ladder.

### Specification

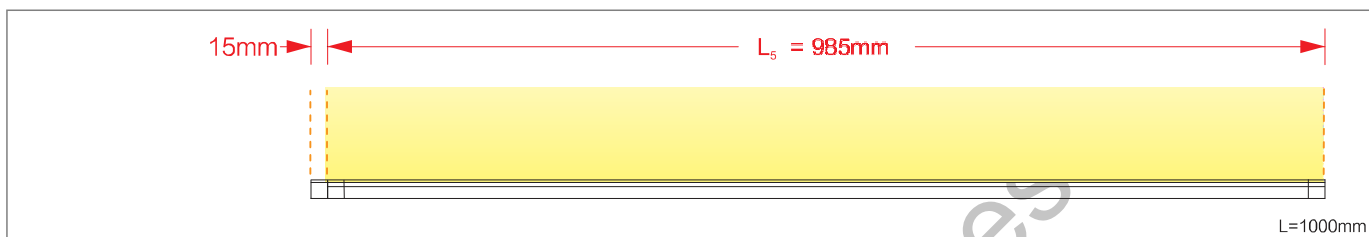
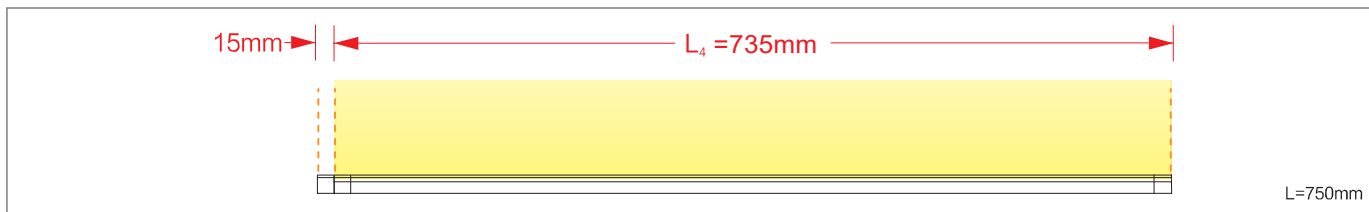
#### Structure Dimension



#### Luminous Area



## Luminous Area



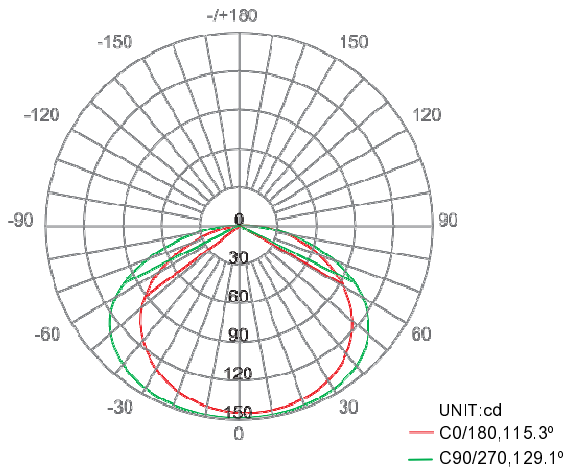
Remark: actual total length  $L = (L_1 \times N) + (L_2 \times N) + (L_3 \times N) + (L_4 \times N) + (L_5 \times N) + 15\text{mm}$ , N represents the connected quantity for L1, L2, L3, L4.

Part No.	Dimension	LED Type	Color / Material	Installation Method	IP Rating	Working Temperature	Lifespan	Warranty
SL-100-010	L100xW17xH16mm [L3.9xW0.67xH0.64ft]	SMD2835	milky / PC co-extrusion	surface mount by tape / Magnet / clip	IP20 [dry]	-20~45°C	36kh	3 years
SL-100-025	L250xW17xH16mm [L9.8xW0.67xH0.64ft]							
SL-100-050	L500xW17xH16mm [L19.7xW0.67xH0.64ft]			flush mount by aluminum channel in groove				
SL-100-075	L750xW17xH16mm [L29.5xW0.67xH0.64ft]							
SL-100-100	L1000xW17xH16mm [L39.4xW0.67xH0.64ft]							

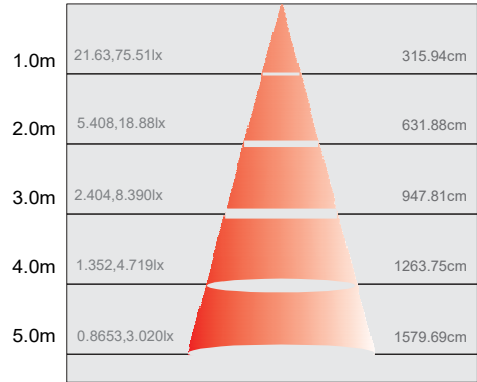
## Photoelectric Parameters

Part No.	Rated Power ±10%	Operating Voltage	PF	CCT	Luminous Flux ±10% (CW)	CRI	Beam Angle
SL-100-010	1.5W	220-240VAC	>0.85	2700-5700K	90lm	>80	120°
SL-100-025	3W		>0.90		200lm		
SL-100-050	6W		>0.90		450lm		
SL-100-075	9W		>0.90		600lm		
SL-100-100	12W		>0.90		900lm		

## Lighting Distribution Diagram

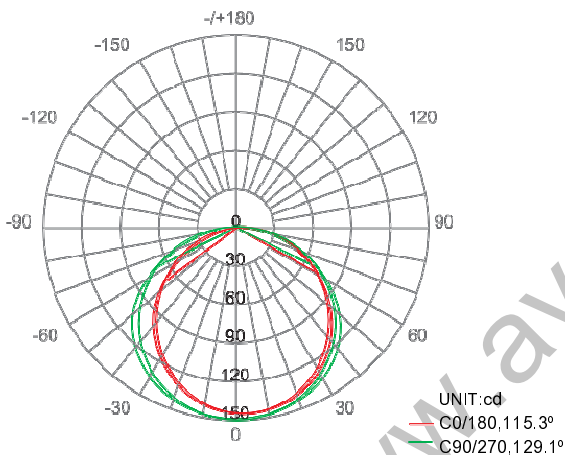


AVERAGE BEAM ANGLE(50%): 120°

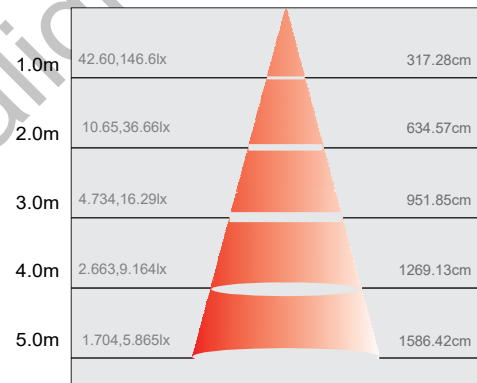


Height Eavg, Emax Angle : 120° Diameter

L250xW17xH16mm



AVERAGE BEAM ANGLE(50%): 120°



Height Eavg, Emax Angle : 120° Diameter

L500xW17xH16mm

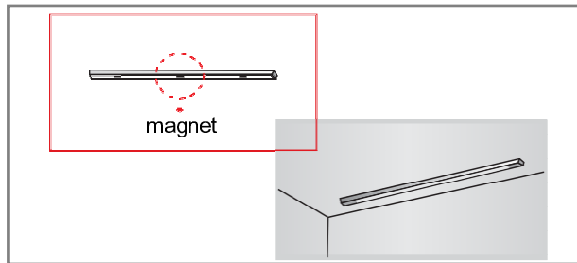
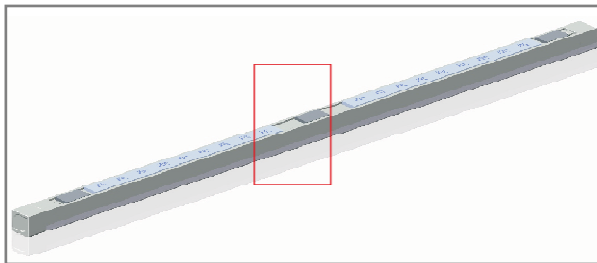
## Installation Instruction

### ① Operation instruction

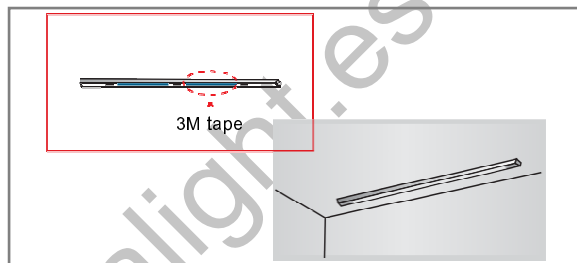
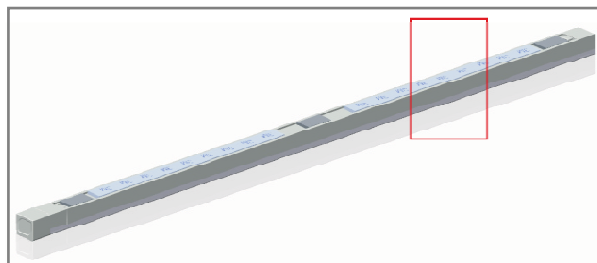
<p>1. Open the endcap of male terminal side;</p>	<p>2. Female terminal side;</p>	<p>3. Insert into the groove of female terminal with slotted screwdriver;</p>	<p>4. Lever the cover in upward side;</p>
<p>5. Get out the cover from the female terminal;</p>	<p>6. Link the product with male and female terminal plugged together;</p>	<p>7. Final appearance in seamless connection;</p>	<p>8. Plug the power track to the male terminal.</p>

## Installation Instruction

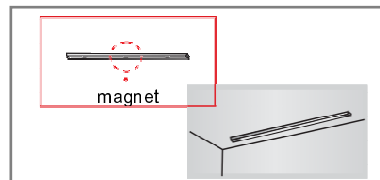
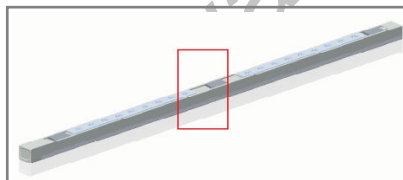
② magnet: suit for metal mounting surface.



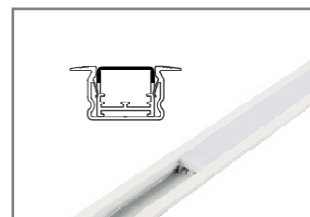
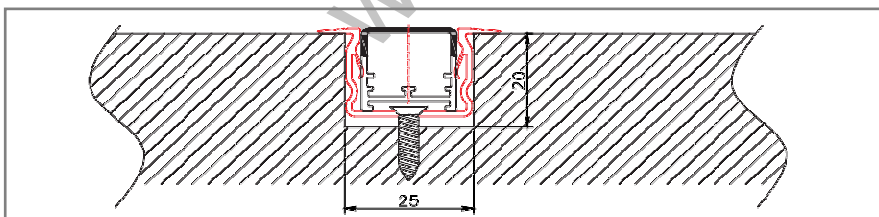
③ 3M tape: suit for general mounting surface.



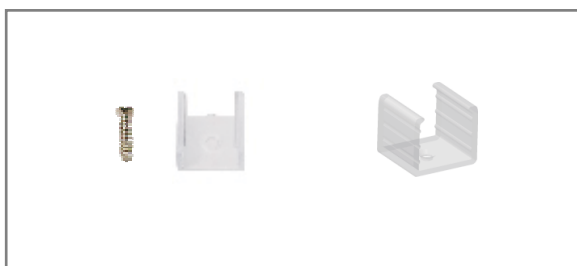
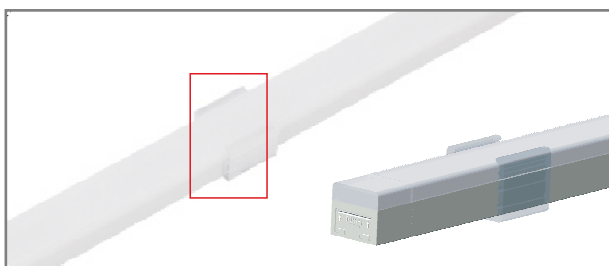
④ magnet + metal sheet: suit for non-metal mounting surface, with position limit function.



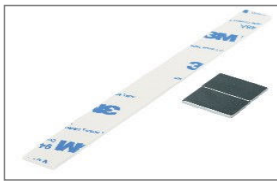
⑤ aluminum channel: suit for flush mounting in groove.



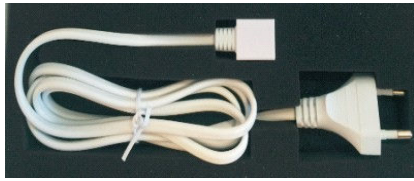
⑥ bracket: suit for wooded mounting surface .



## Accessory



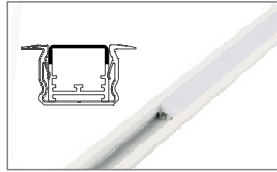
3M tape + magnet



power cable



straight + T jumper cable



aluminum channel



metal sheet + screw



power cable with fuse

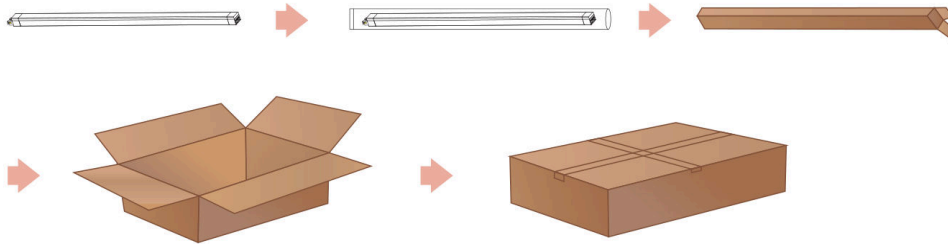


power cable with fuse + switch



clip+screw

## Packing



Part No.	Product Size (mm)	N.W. (kg)	G.W. (kg)	Inner Carton Size (mm)	Q'ty / Inner Carton (pcs)	Outer Carton Size (mm)	Q'ty / Outer Carton (pcs)	Carton N.W. (kg)	Carton G.W. (kg)
SL-100-010	L100xW17xH16mm [L3.9xW0.67xH0.64ft]	0.014	0.018	105x20x20	1	545x362x230	800	11.2	14.4
SL-100-025	L250xW17xH16mm [L9.8xW0.67xH0.64ft]	0.043	0.052	255x20x20	1	560x265x230	250	10.75	13
SL-100-050	L500xW17xH16mm [L19.7xW0.67xH0.64ft]	0.075	0.091	505x20x20	1	515x340x230	150	11.25	13.65
SL-100-075	L750xW17xH16mm [L29.5xW0.67xH0.64ft]	0.093	0.117	755x20x20	1	765x230x230	100	9.3	11.7
SL-100-100	L1000xW17xH16mm [L39.4xW0.67xH0.64ft]	0.15	0.182	1005x20x20	1	1015x228x230	100	15	18.2

## Notice

1. Avoid installation while the electricity is being connected, make sure all wiring are correct before switch on.
2. It's forbidden to refit or destroy the inner circuit and component privately.
3. Avoid scrape or bend operation during installation, it might be damaged to be a non repairable status.
4. Do not link exceed the max length in 20 meters, in case getting defective problem such as over-loading or uneven illumination effect.
5. Do not look steadily at the product in long time, it might let you feel dazzling.
6. Installation, disassembly and maintain are only executed by specialist.

### Appendix

Edition	Release Date	Issuance of Category
Ver. 1.0	2017.05.05	the 1st issue
Ver. 2.0	2018.05.03	the 2nd issue