

LED Linear Light

LINSYS DC SERIES AL-400

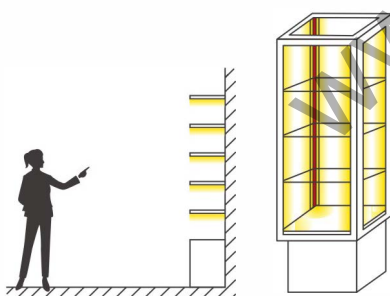


Features

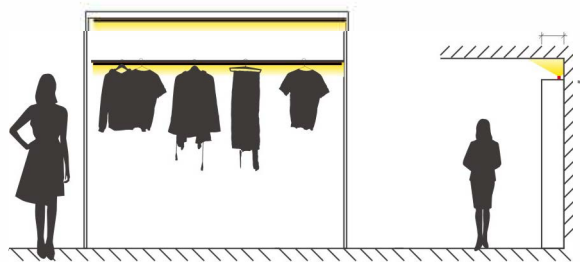
1. Uniform, dot-free, smooth and comfortable luminary, with classy aluminum-plastic texture.
2. Support rigid split joint or soft jumper linking, up to 5 meters [16.4ft] run length in seamless connection without brightness difference.
3. Simple and quick assembly DIY concept, patented design.
4. Surface or flush mounting by magnet, magnet+metal sheet or bracket.
5. Multiple lengths, multiple CCT, high light efficiency for easy configuration.
6. Dimmable available with PWM signal.
7. 50,000h lifespan, 5 years warranty, CE, UL, RoHS approval.

Application

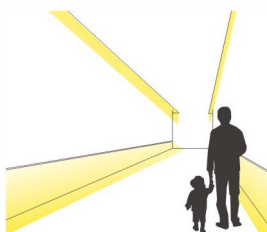
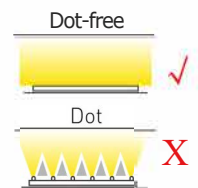
1. Interior decoration.
2. Show case & stock shelves.
3. Retail & Supermarket.
4. Corridor & ladder.



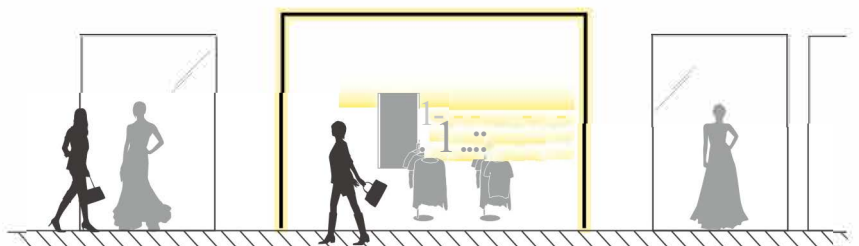
Shelf, Cabinet, Showcase



Wardrobe, Cove



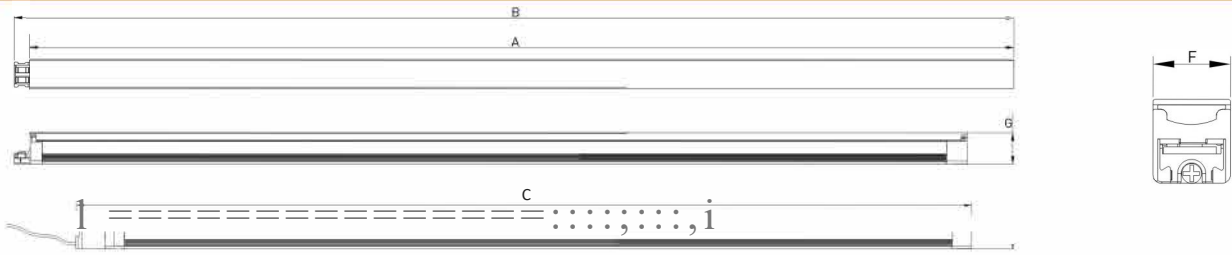
Corridor, Ladder



Retail, Supermarket, Decoration

Specification Dimension/ Diagram

LED Linear Light



Part No.	Dimension	A !Lighting area]	B !Overall length]	C !Power plug included]	F (Width]	G (Height]
SL-400-01 DO	L100xW11xH11.8mm [L3.94xW0.43XH0.46in]	100mm [3.94in]	106.1mm [4.18in]	120mm [4.72in]	11mm [D.43in]	11.8mm [D.46in]
SL-400-0200	L200xW11xH11.8mm [L7.87xW0.43XH0.46in]	200mm [7.87in]	206.1mm [8.11in]	220mm [8.66in]		
SL-400-0300	L300xW11xH11.8mm [L11.8xW0.43XH0.46in]	300mm [11.8in]	306.1mm [12.1in]	320mm [12.6in]		
SL-400-0600	L580xW11xH11.8mm [L22.8xW0.43XH0.46in]	580mm [22.8in]	586.1mm [23.1in]	600mm [23.6in]		
SL-400-0900	L880xW11xH11.8mm [L34.6xW0.43XH0.46in]	880mm [34.6in]	886.1mm [34.9in]	900mm [35.4in]		
SL-400-1200	L1180xW11xH11.8mm [L46.5xW0.43XH0.46in]	1180mm [46.5in]	1186.1mm [46.7in]	1200mm [47.2in]		
SL-400-1500	L1480xW11xH11.8mm [L58.3xW0.43XH0.46in]	1480mm [58.3in]	1486.1mm [58.5in]	1500mm [59in]		

General Parameters

Part No.	Dimension	LED Type	LED Qty	Color/Material	Installation Method	P Rating	Operating Ambient	Lifespan	Warranty
SL-400-01 DO	L100xW11xH11.8mm [L3.94xW0.43XH0.46in]	SMD 2835	21 pcs	Aluminum base+ PC milky cover	Surface or flush mounting by magnet/ magnet+metal sheet/ bracket	IP20 (Dry)	-20- 45 °C	50,000H (L70B5D@ Tc<=65 °C Tc is the temp. of LED pin.	5 years
SL-400-0200	L200xW11xH11.8mm [L7.87xW0.43XH0.46in]		42 pcs						
SL-400-0300	L300xW11xH11.8mm [L11.8xW0.43XH0.46in]		63 pcs						
SL-400-0600	L580xW11xH11.8mm [L22.8xW0.43XH0.46in]		126 pcs						
SL-400-0900	L880xW11xH11.8mm [L34.6xW0.43XH0.46in]		189 pcs						
SL-400-1200	L1180xW11xH11.8mm [L46.5xW0.43XH0.46in]		252 pcs						
SL-400-1500	L1480xW11xH11.8mm [L58.3xW0.43XH0.46in]		315 pcs						

Photoelectric Parameters

Part No.	Power ±10%	Operating Voltage	FF	OCT / Wavelength	Luminous Flux±10% (3500 K/4000K/5000K]	Luminous Efficiency (3500K/ 4000K/5000K]	CRI	Beam Angle
SL-400-01 DO	1.25W	DC24V	I	2700K± 150K 3000K±150K 3500K±200K 4000K±200K 5000K±300K 13 SDCM]	881lm	701m/W	≥c90	120°
SL-400-0200	2.5W				1761lm			
SL-400-0300	3.7W				2591lm			
SL-400-0600	SW				5601lm			
SL-400-0900	12W				8401lm			
SL-400-1200	16W				11201lm			
SL-400-1500	20W				14001lm			

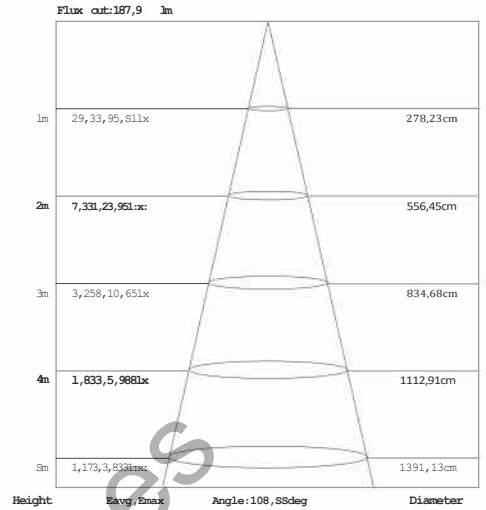
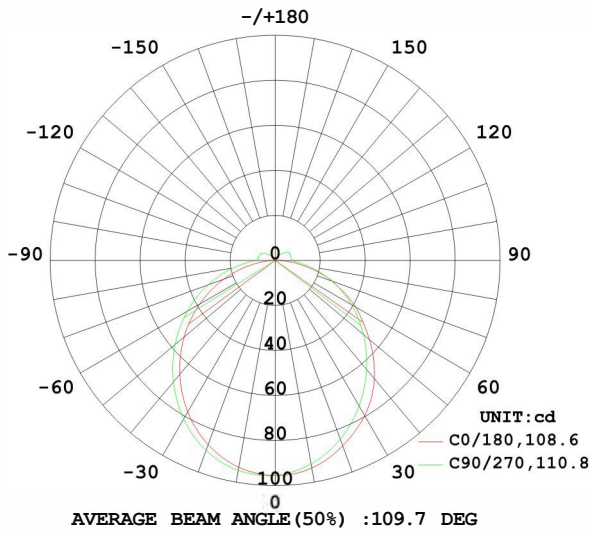
Note 1: Luminous flux difference, for CCT 2700K is 10% lower; for CCT 3000K is 5% lower, compared with CCT 3500K/4000K/5000K.

Note 2: MacAdam ellipse color bin in 3-SDCM definition, for CCT 2700K is Cx=0.4632, Cy=0.4105, Major Axis=0.0081, Minor Axis=0.0042, Ellipse Rotation Angle=53.7°; for CCT 3000K is Cx=0.4349, Cy=0.4006, Major Axis=0.00834, Minor Axis=0.00408, Ellipse Rotation Angle=53.22°; for CCT 3500K is Cx=0.4126, Cy=0.3928, Major Axis=0.00927, Minor Axis=0.00414, Ellipse Rotation Angle=54°; for CCT 4000K is Cx=0.3857, Cy=0.3816, Major Axis=0.00939, Minor Axis=0.00402, Ellipse Rotation Angle=53.72°; for CCT 5000K is Cx=0.3508, Cy=0.3599, Major Axis=0.00822, Minor Axis=0.00354, Ellipse Rotation Angle=59.62°.

Address: C/ Blai 43, Bajo 08018 Barcelona, SPAIN

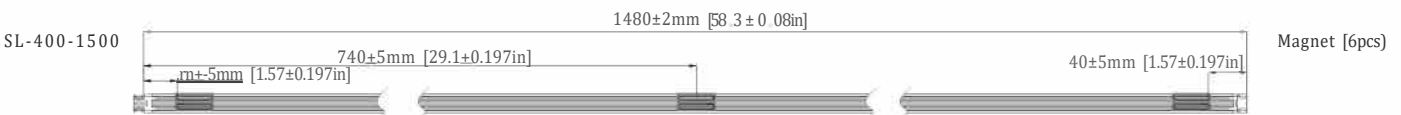
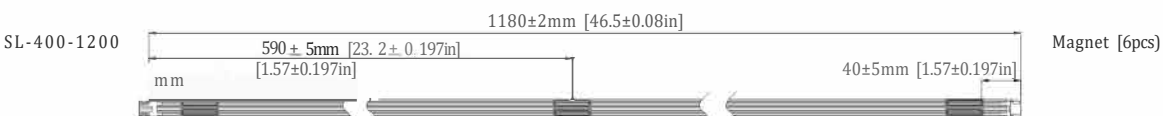
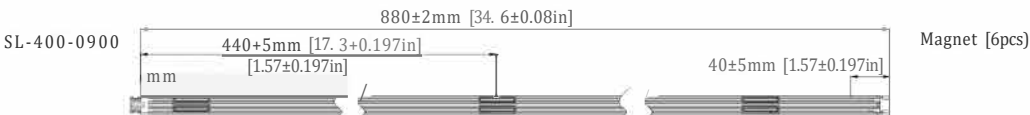
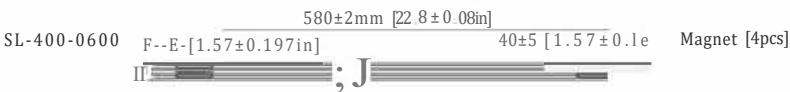
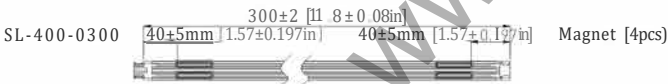
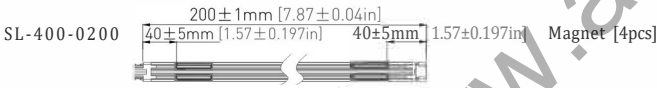
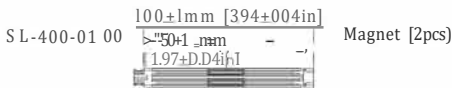
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Light Distribution Diagram



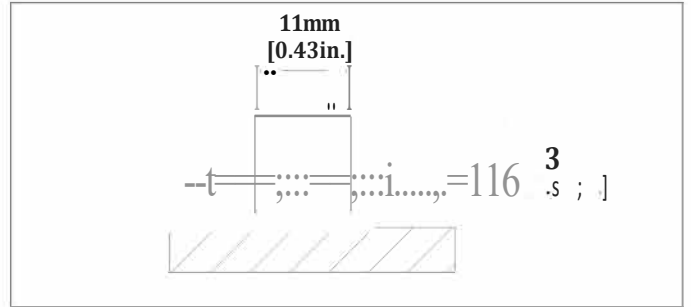
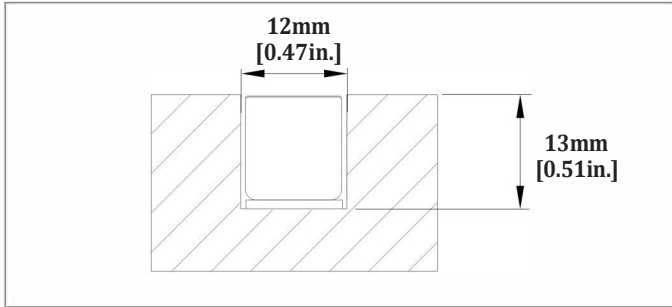
SL-400-0300 4000K CRI90

Magnet Orientation Diagram

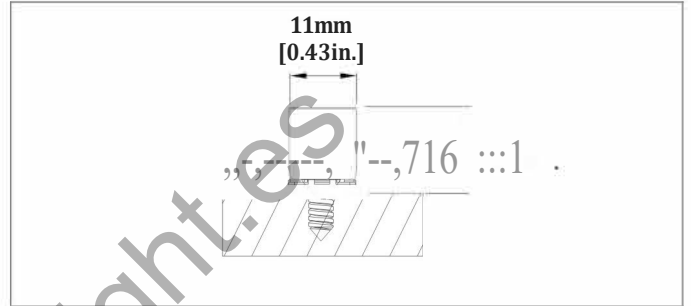
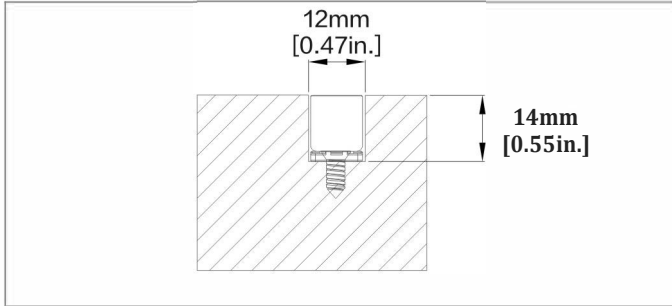


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2. Flush or surface mounting by magnet+metal sheet, for nonmetal surface.



3. Flush or surface mounting by bracket, for nonmetal surface.



Accessory



Bracket + Screw



Metal Sheet+ Tape



End Cap



0.15m Jumper



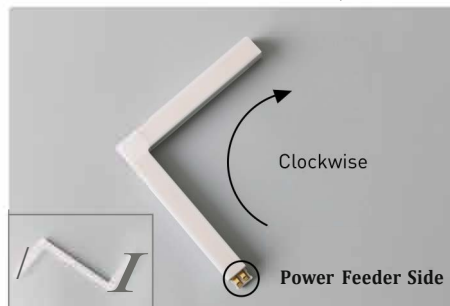
1.5m Power Cable+ DC Jack



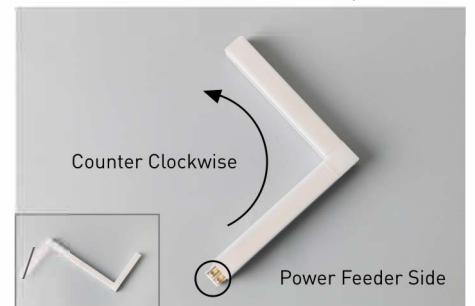
0.15m Power Cable+ DC Jack



0.15m Power Cable+ Open End
[White:positive+, Gray: negative-]

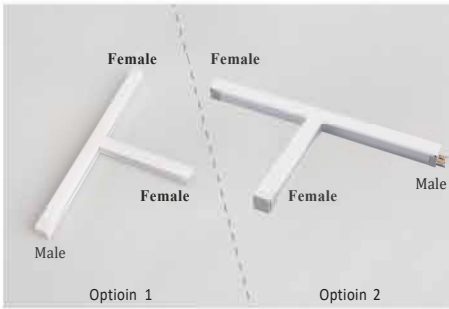


SL-400-ER-089-083
L Fixture [24V/2.22W, 155lm, CRI90, Max.5M]

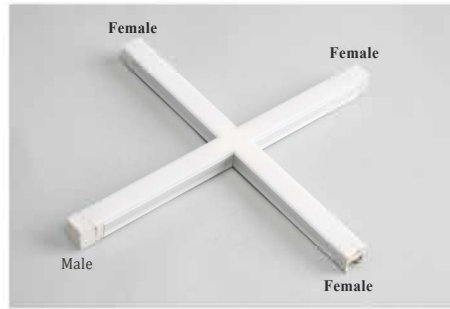


SL-400-EL-089-083
L Fixture [24V/2.22W, 155lm, CRI90, Max.5M]

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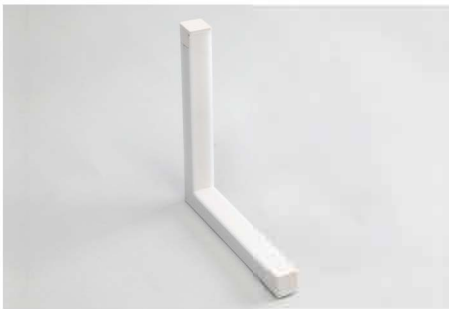
SL-400-T-177-090
T Fixture
(24V, 3.55W, 260lm, CRI90, Max. 5M)



SL-400-C-177-171
+ Fixture
(24V, 4.44W, 310lm, CRI90, Max. 5M)



In-line touch dimmer
Option 1: stepless dimming 5%-100%
Short touch for on/off, long touch for dimming
Option 2 3-step dimming 10%-50%-100%
Short touch for different states off-10%-50%-100%-off . .
]Max. 72W/24V in a row]



SL-400-LW-094-092
Corner-in-fixture
(24V, 2.22W, 155lm, CRI90, Max. 5M)



SL-400-LO-096-093
Corner-out-fixture
(24V, 2.22W, 155lm, CRI90, Max. 5M)



45° angled bracket



1m power cable+ AMP male plug



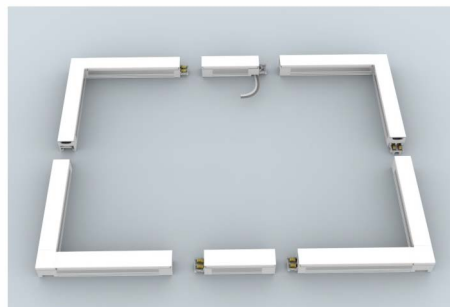
6-ports distribution box with AMP female
plug+ 0.15m cable in open end
(Max. 72W/24V]



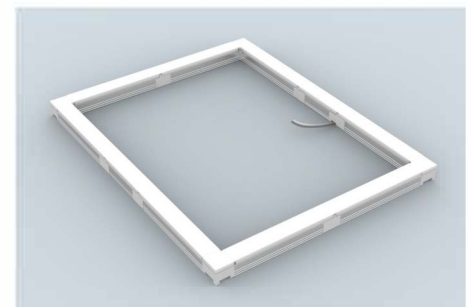
3-way & 4-way white/black splitter
with 0.3m cable (Max. 72W/24V)



Side/bottom feed fixture+ Open end
I24V, 1.25W, 88lm. CRI90, Max.SM I



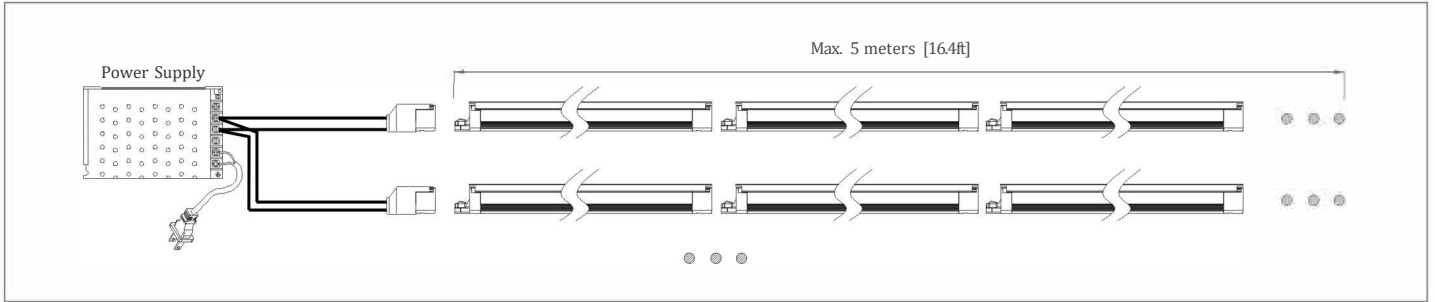
Square loop assembly diagram (power on side/bottom feed)



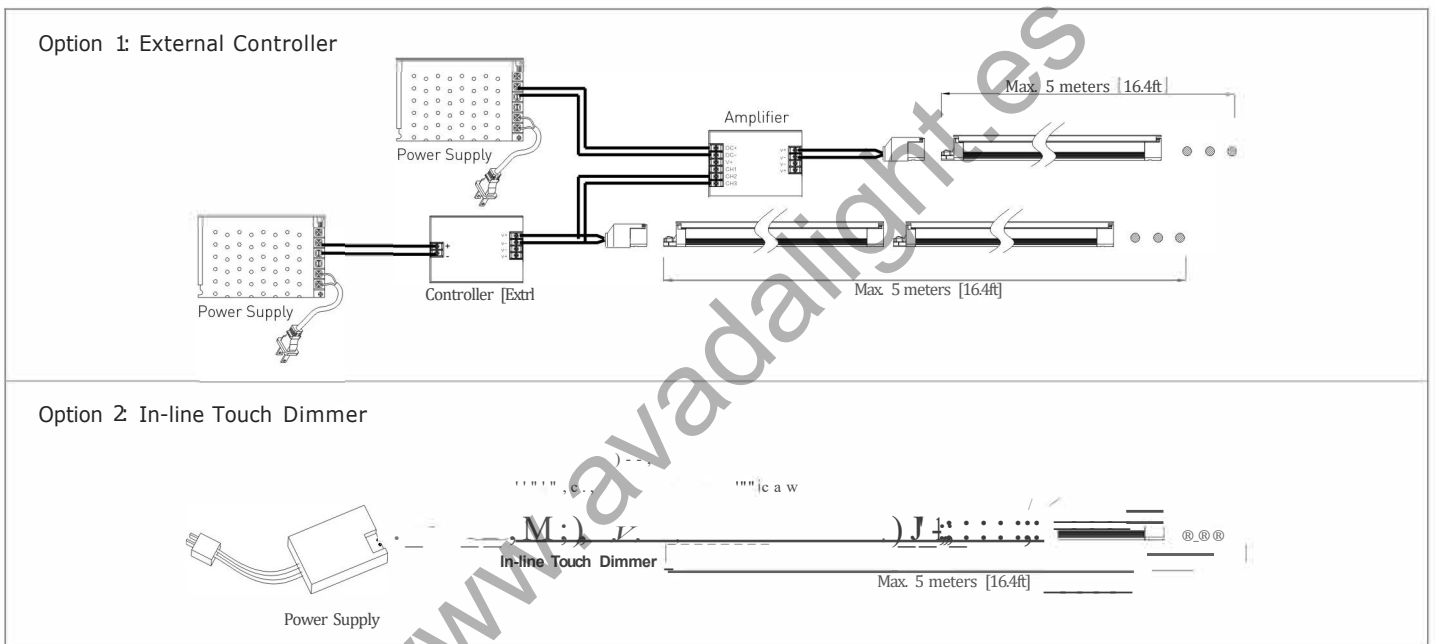
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Connection

Non-dimmable Method



Dimmable Method



Packing



Luminary



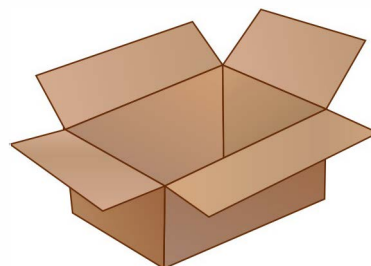
Bracket+screw



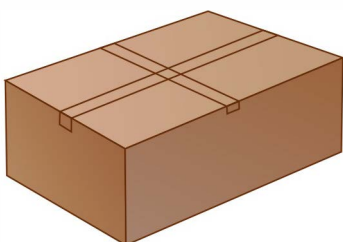
Packed in tube



QTY 100pcs



Carton



Final package

LED Linear Light

Part No.	Product Dimension (LxWxH)	Product N.W.	Product G.W.	Carton Size	Product QTY/Carton	Bracket QTY	Carton Total NW.	Carton Total G.W.
SL-400-0100	L100xW11XH11.8mm [L3.94xW0.43XH0.46in]	16.9g	30.16g	L220xW185x155mm [L8.66xW7.28xH6.1 in]	100 pcs	1 pcs	3.016kg	3.116kg
SL-400-0200	L200xW11XH11.8mm [L7.87xW0.43XH0.46in]	33.3g	50.9g	L320xW185x155mm [L12.6xW7.28xH6.1 in]	100 pcs	2 pcs	5.09kg	5.29kg
SL-400-0300	L300xW11XH11.8mm [L11.8xW0.43XH0.46in]	47.9g	68.35g	L420xW185x155mm [L16.54xW7.28xH6.1 in]	100 pcs	2 pcs	6.835kg	7.135kg
SL-400-0600	L580xW11XH11.8mm [L22.8xW0.43XH0.46in]	89g	118.32g	L700xW185x155mm [L27.6xW7.28xH6.1 in]	100 pcs	2 pcs	11.832kg	12.182kg
SL-400-0900	L880xW11XH11.8mm [L34.6xW0.43XH0.46in]	143.7g	205.05g	L1000xW185x155mm [L39.4xW7.28xH6.1 in]	100 pcs	3 pcs	20.505kg	21.405kg
SL-400-1200	L1180xW11XH11.8mm [L46.5xW0.43XH0.46in]	180.3g	228.41g	L1300xW185x155mm [L51.18xW7.28xH6.1 in]	100 pcs	3 pcs	22.841 kg	23.441 kg
SL-400-1500	L1480xW11XH11.8mm [L58.3xW0.43XH0.46in]	223.7g	285.32g	L1590xW185x155mm [L62.6xW7.28xH6.1 in]	100 pcs	3 pcs	28.532kg	29.932kg



Part No.	Product Dimension (LxWxH)	Inner Carton Size	Outer Carton Size	Product QTY/ Inter Carton	Product QTY/ Outer Carton	Carton Total NW.	Carton Total G.W.
SL-400-ER-089-083 L fixture IClockwise	L91xW85xH11.8mm [L3.35xW3.35xH0.46in]	L130xW115xH27mm [L512xW4.53xH1.06in]	L290xW260xH310mm [L11.42xW10.24xH12.20in]	2 pcs	40 pcs	2.067kg	3.70kg
SL-400-EL-089-083 L fixture CounterClockwise	L91xW85xH11.8mm [L3.35xW3.35xH0.46in]	L130xW115xH27mm [L512xW4.53xH1.06in]	L290xW260xH310mm [L11.42xW10.24xH12.20in]	2 pcs	40 pcs	2.067kg	3.70kg
SL-400-T-177-090 T Fixture	L180xW92xH11.8mm [L7.09xW3.62xH0.46in]						
SL-400-C-177-171 + Fixture	L180xW174xH11.8mm [L7.09xW6.85xH0.46in]						
SL-400-LW-094-092 Corner-In Fixture	L98xW95xH11.8mm [L3.86xW3.74xH0.46in]						
SL-400-LO-096-093 Corner-Out Fixture	L98xW95xH11.8mm [L3.86xW3.74xH0.46in]						
In-Line Dimmer	L74xW11xH11.8mm [L2.91xW0.43xH0.46in]						

1. Avoid installation with electricity be connected, make sure all wiring are correct before switch on.
2. Privately refit or destroy its circuit and component inside the product, are forbidden.
3. Avoid scrape or bending during installation, it might be damaged with non repairable status.
4. Do not link exceed the max length in 5 meters[16.4ft], in case getting defective problem like over-load or uneven lighting effect for the product.
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.

Edition

Release Date	Issuance of Category
2018.08.01	The 1st Version
2019.03.10	The 2nd Version
2019.04.20	The 3rd Version
2019.05.18	The 4th Version