



LED Linkable Strip Fixtures

Crisp Series



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Beyond LED Crisp Series Linkable Strip Fixtures perform efficiently in conditions where low voltage, halogen, or fluorescent luminaires have traditionally been used. Our LED Linkable Strip Fixtures incorporate integral drivers, are self-supporting, and can be surface mounted. Individual units can be plugged together for continuous lengths up to 20 Pcs (4') or 10 Pcs (8'), and they're CCT Tunable and Wattage Adjustable. Our Crisp Series Lamps connect directly to line voltage and can be used in any interior space.

- Efficacy up to 140 Lumens per watt
- Wattage Tunable with 3 options & 3000/4000/5000K CCT Adjustable
- Usable as a stand alone fixture
- 4' Linkable up to 20 Pcs
- 8' Linkable up to 10 Pcs
- High CRI, Lumileds Chips
- Operates directly from line voltage
- Output constant current lever can be adjusted through output cable with 0-10V
- Surface mounting bracket included for easy installation
- Optional hanging kit available
- Iron housing with white paint finish
- Rated 50,000 Lifetime hours
- Universal 120-277Vac 50-60Hz

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SKU #	Model #	Watts	Lumens	CCT	Beam Angle	Length	Certifications
151789	BLT-LA01C-40/30/20W4FTBTB1C1-abcde	40W 40/30/20W	4700~5200 LM @40W 118~130 LM/W @40W	CCT ADJ. 3K/4K/5K	130 Degrees	4'	UL & DLC
151790	BLT-LA01C-70/60/50W4FTBTB1C1-abcde	70W 70/60/50W	8200~9300 LM @70W 118~132 LM/W @70W	CCT ADJ. 3K/4K/5K	130 Degrees	8'	UL & DLC

Optional Accessories

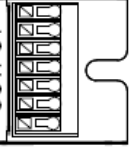
<p>Surface Mount Connector Bracket SKU#152550</p> 	<p>Hanging Mount Safety Cable SKU#152548</p> 	<p>Hanging Mount Connector Bracket SKU#152549</p> 	<p>Motion Sensor SKU#152551</p> 	<p>Battery Backup SKU#152552</p> 
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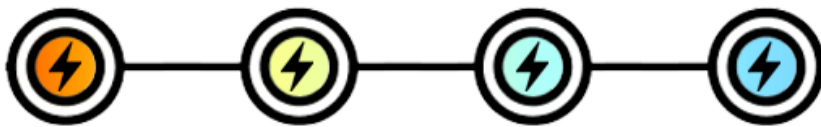
Wattage Adjustable and CCT Tunable

LED Driver

Wattage Tunable		
xx W	xx W	xx W
5000K	4500K	4000K
5000K	4000K	3000K
4500K	4000K	3500K
4000K	3500K	3000K

OUTPUT



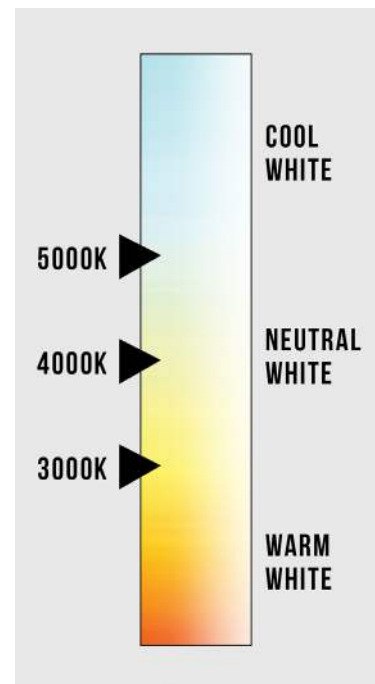


← ADJUSTABLE WATTAGE →



← ADJUSTABLE CCT →

CORRELATED COLOR TEMPERATURE (CCT)



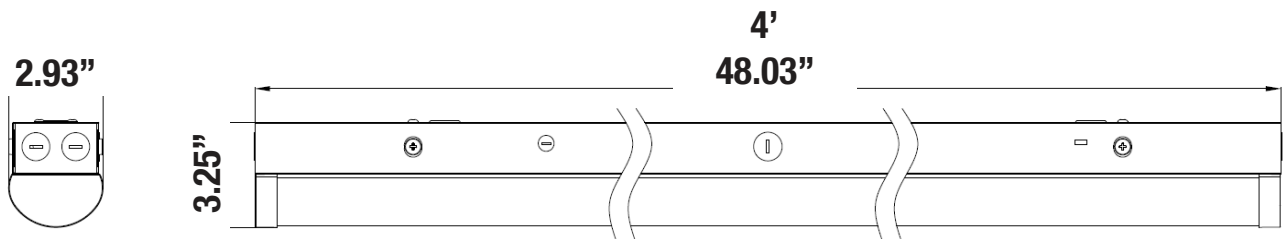
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40W Specifications

OPTICAL	Input Power (Tolerance: $\pm 10\%$)	40W (Wattage Tunable: 40W/30W/20W)
	Color Temperature (Color Tunable)	3000K/4000K/5000K
	Lumen (Tolerance: -10%)	4700~5200 LM @40W
	Efficacy (Tolerance: -3%)	118~130 LM/W @40W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM) @3000K/5000K
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance: $\pm 15\%$)	130 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance: -3%)	≥ 0.9
	THD (Tolerance: $+5\%$)	$\leq 20\%$
	Flicker Percent	<5%
	Driver Brand	BECKY
	Driver Model	BQE46G-0860-42-PV-S1S2
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV
	Dimming	0-10V dimming standard
	Optional Accessory	DC Motion Sensor, Emergency Power Supply(8W/90min)
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	280 PCS (140+140)
	Housing	IRON
	Housing Color	White
	Waterproof Rating	DAMP (IP4X)
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -4°F to 113°F
		With Motion Sensor: -4°F to 113°F
		With Emergency Power Supply: 32°F to 104°F
	Storage Temperature	-4°F to 176°F
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 77°F	

Dimensions



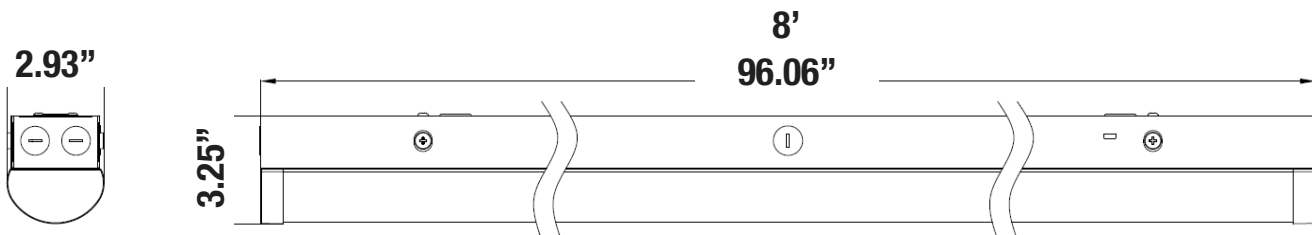
LED Linkable Strip Fixtures

Crisp Series

70W Specifications

OPTICAL	Input Power (Tolerance: $\pm 10\%$)	70W (Wattage Tunable: 70W/60W/50W)
	Color Temperature (Color Tunable)	3000K/4000K/5000K
	Lumen (Tolerance: -10%)	8200~9300 LM @70W
	Efficacy (Tolerance: -3%)	118~132 LM/W @70W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM) @3000K/5000K
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance: $\pm 15\%$)	130 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance: -3%)	≥ 0.9
	THD (Tolerance: +5%)	$\leq 20\%$
	Flicker Percent	<5%
	Driver Brand	BECKY
	Driver Model	BQE65G-1500-43-PV-S1S2
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV
	Dimming	0-10V dimming standard
	Optional Accessory	DC Motion Sensor, Emergency Power Supply(8W/90min)
	MATERIALS	LED Brand
LED Type		SMD2835
LED QTY		480 PCS (240+240)
Housing		IRON
Housing Color		White
Waterproof Rating		DAMP (IP4X)
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -4°F to 113°F
		With Motion Sensor: -4°F to 113°F
		With Emergency Power Supply: 32°F to 104°F
	Storage Temperature	-4°F to 176°F
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 77°F	

Dimensions



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Due to continuous product improvement, information in this document is subject to change.

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Distribution Diagram

Luminaire Property

Luminaire Manufacturer:

Luminous Length (mm): 1180

Voltage: 120.6 V

Power: 39.88 W

Luminous Width (mm): 75

Current: 0.332 A

Power Factor: 0.996

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 4800.7 lm

Downward Ratio: 85%

Horizontal Diffuse Angle(50%): H149.3

Vertical Diffuse Angle(50%): V110.4

Luminaire Efficacy Rating (LER): 120.43

Max. Intensity: 1170.37 cd

S/MH(C0/C180): 1.33

Total Rated Lamp Lumens: 4800.7 lm

Efficiency: 100%

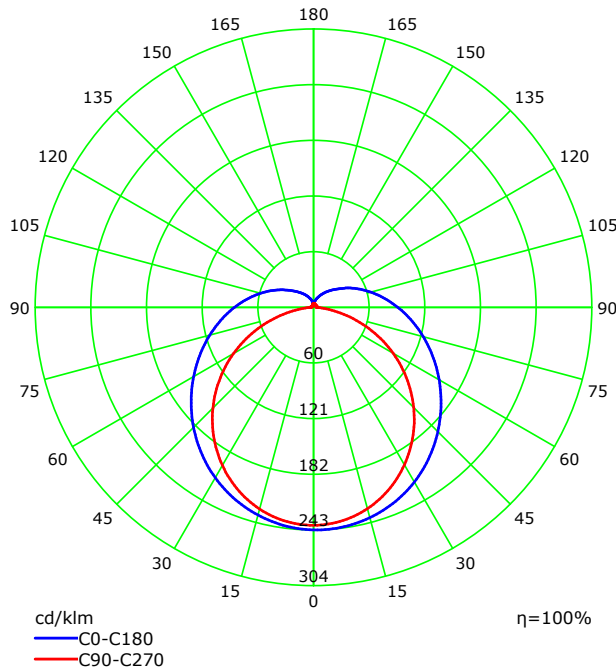
Upward Ratio: 15%

Central Intensity: 1169.91 cd

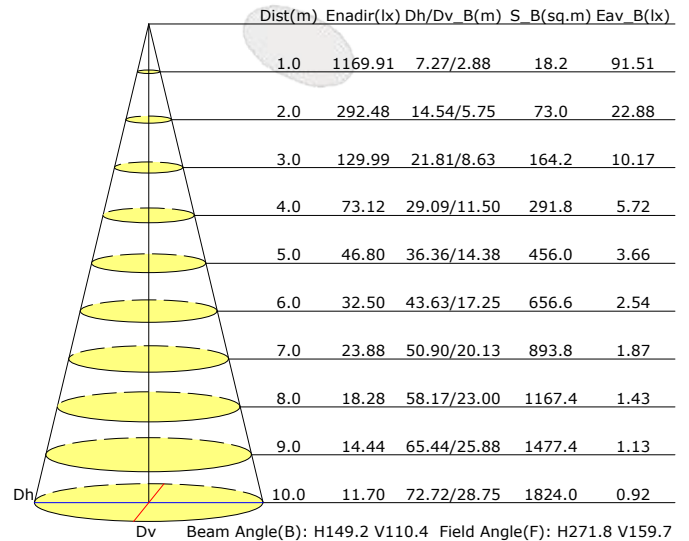
Pos of Max. Intensity: H0 V2

S/MH(C90/C270): 1.24

Luminous Intensity Distribution Curve(cd/klm)



Illuminance at a Distance(Beam Angle)



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Packing

40W 4' Model

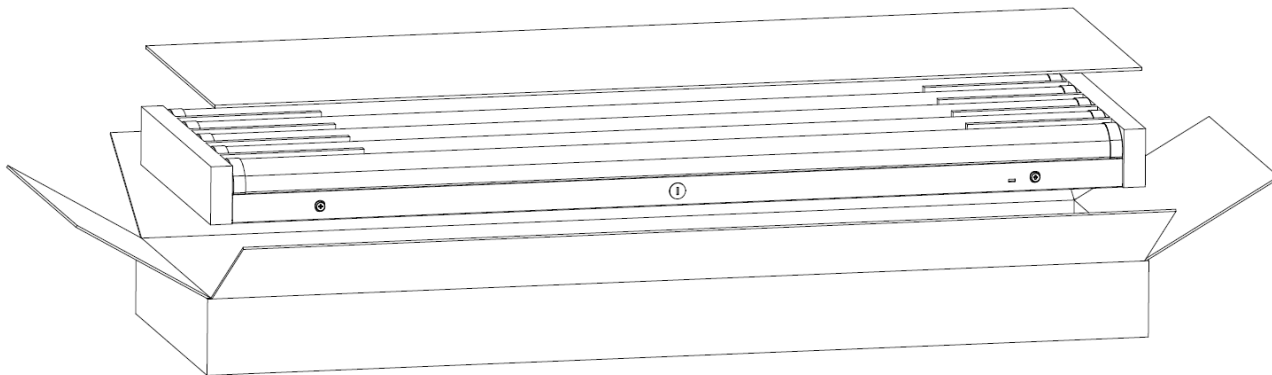
	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	51"X16"X5"	5 PCS	4 LBS/PC	23 LBS
Outer box (DC Sensor)	51"X16"X5"	5 PCS	4 LBS/PC	24 LBS
Outer box (Emergency Power Supply)	51"X16"X5"	5 PCS	5 LBS/PC	28 LBS

Tolerance of Carton Size: $\pm 1"$, Tolerance of Weight: $\pm 10\%$.

70W 8' Model

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	99"X16"X5"	5 PCS	8 LBS/PC	41 LBS
Outer box (DC Sensor)	99"X16"X5"	5 PCS	8 LBS/PC	42 LBS
Outer box (Emergency Power Supply)	99"X16"X5"	5 PCS	9 LBS/PC	46 LBS

Tolerance of Carton Size: $\pm 1"$, Tolerance of Weight: $\pm 10\%$.



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Installation

Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

Wiring Diagram & Instruction:

3 dimming functions are available in this high bay light:

1. Constant current can be achieved by 0-10VDC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.

Wiring Instruction

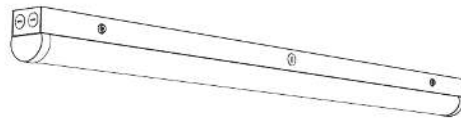
L:Black

N:White

⊕:Green/Yellow

+DIM:Purple

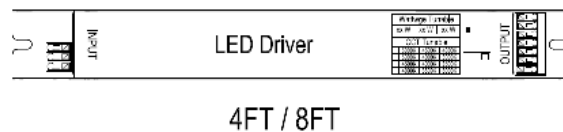
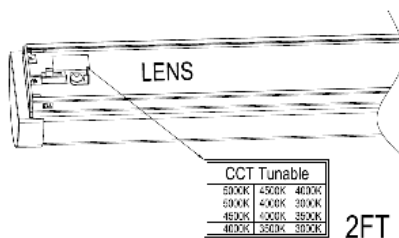
-DIM:Grey



Please choose the appropriate dimming way according to your needs. You can also choose not to use this function. Round lampshade or square lampshade will not affect the installation method or function expansion of the product.

CCT or Wattage Tunable:

Step1. Press the screws on both sides of the lamp by hand to open the lamp, Wattage can be adjusted via dialing.



Two installation methods: A Surface Mounting, B Hanging Installation

(Please choose the most suitable installation method for the purchased product as per your needs.)

A. Surface Mounting

Step1. According to the different lengths of the product, drill holes at the corresponding positions and drive the rubber plugs from the accessory kit into the holes (Figure 1)

Step2. Clamp the disc from the accessory kit to the lamp (this step can be omitted if the light fixture can completely cover the junction box on the wall) (figure 2)

Step3. Press the screws on both sides of the lamp by hand to open the lamp (Figure 3)

Step4. Lead the wire into the lamp and install the lamp chassis by using the screws in the accessory kit (figure 4)

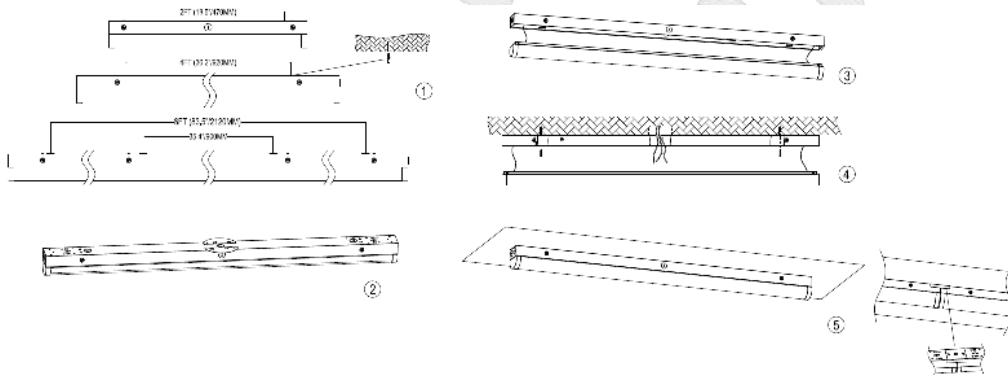
Step5. Connect the wires according to safety requirements, and then install the lamp body back to the chassis, By using a extra mounting bracket, the lights can be connected in series (Figure 5)

(Product connection: 20W lamps can be connected to maximum 50pcs, 40W 20pcs, and 60W 10pcs)

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Installation



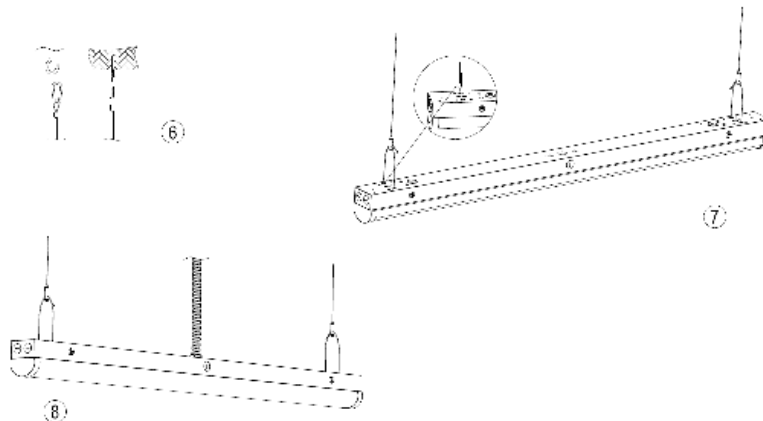
B. Hanging Installation

Step1. Hang one end of the installation rope in the accessory kit on the wall or hook (Choose accessories according to your needs) (Figure 6)

Step2. Fasten the other end of the installation rope to the lamp (Figure 7)

Step3. Press the screws on both sides of the lamp by hand to open the lamp.

Step4. Connect the wires according to safety requirements, and then install the lamp body back to the chassis (Figure 8)



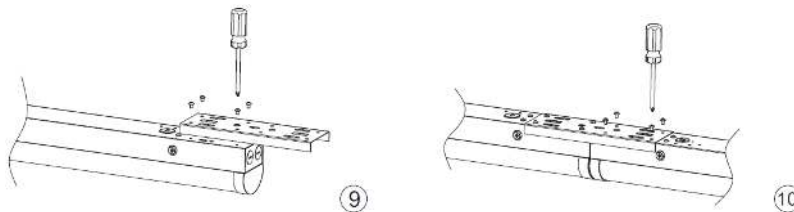
Extra Accessory Option Installation: 1:Product lengthening, 2: Sensor,3: Backup driver.

1. Product lengthening:

Step1. Use the screws in the accessory kit to lock the bracket onto one lamp (figure 9)

Step2. Align the other lamp to the bracket and lock the screws (Figure 10)

(Product connection: 40W lamps can be connected to maximum 20pcs, 60W 12pcs)



2-1. AC PIR Sensor:

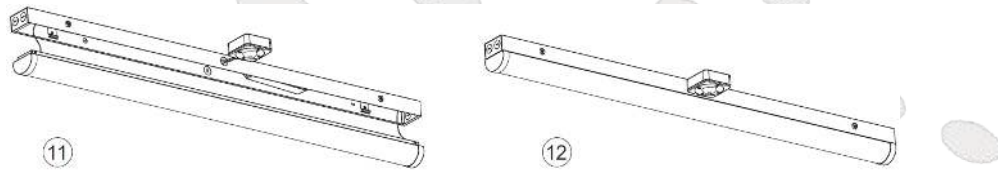
Step1. Press the screws on both sides of the lamp by hand to open the lamp.

Step2. Assemble the PIR sensor onto the lamp (Figure 11), connect the wires according to the wiring instructions, and then assemble the disassembled lamp back. (Figure 12)

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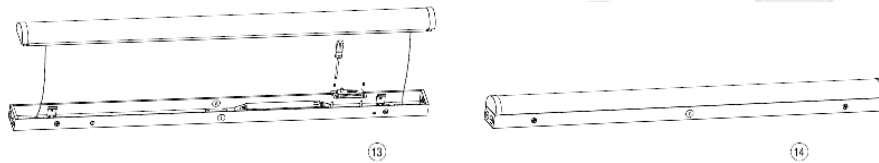


2-2. DC Motion Sensor:

Step1. Press the screws on both sides of the lamp by hand to open the lamp.

Step2. Assemble the DC sensor to the corresponding position (Figure 13).

Step3. Connect the wires according to the wiring instructions, adjust sensing mode as per demand, and then assemble the disassembled lamp back. (Figure 14)

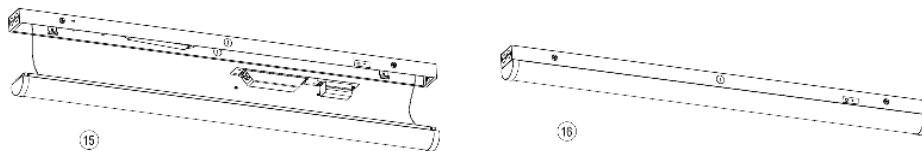


3.Backup driver:

Step1. Press the screws on both sides of the lamp by hand to open the lamp.

Step2. Assemble the backup driver to the lamp chassis (Figure 15)

Step2. Connect the wires according to the wiring instructions, and assemble the disassembled lamp back. (Figure 16)



Notice For Users

- Please turn off the power before installing or changing assembly parts.
- The input voltage and lamps should be matching, before connecting the power line, please make sure the wiring section is insulated.
- Only professionals should install and disassemble the lamps.

Trouble Shooting

- Flickering of the light - Turn off the power and turn on again in 3 minutes. If same phenomena occurs, then call Support.
- Not working - Please check all power connections.

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Application



LED LINKABLE STRIP FIXTURES