

## LED LINEAR TRUNKING SYSTEM

The LED Linear Trunking System is a continuous LED lighting system. All system components, trunking rail and luminaire inserts are perfectly matched according to 1500mm/600mm system dimensions. Triple, double and single-length rails can be combined to comply with the space involved.



### FEATURES:

- Low installation cost - everything in one box and installation is tool-less
- The high light efficiency of 130 lm/W makes reduction on energy consumption and additional cost
- Ra >80
- CCT: 3,000K/4,000K/5,000K/6,000K
- A wide range of optics from 30° to 120° distribution, as well as asymmetric and double asymmetric distribution
- Emergency versions available
- Dimming versions available
- Different length with various power is available
- X, L and T Standard Module Node connectors with electrical feed-in and feed-out
- Mounting Options: chain suspended, cord suspended, rod suspended or surface mounted
- Colour scheme: White

### APPLICATIONS:

- Commercial
- Industrial
- Warehouse
- Other indoor lighting

### Performance

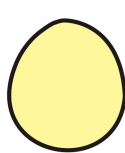
Sharp-30°



Narrow-60°



Wide-90°



Double Asymmetric 25°



### Dimension



Item	L	W	H
SL-LIL-CDT144L24-A	575mm	68mm	70mm
SL-LIL-CDT240L40-A	1141mm	68mm	70mm
SL-LIL-CDT300L60-A	1424mm	68mm	70mm
SL-LIL-CDT144L24-B-xx	570 mm	68mm	70mm
SL-LIL-CDT240L40-B-xx	1136mm	68mm	70mm
SL-LIL-CDT300L60-B-xx	1418mm	68mm	70mm

Light Housing			
Material	Aluminum profile		
Colour scheme	White		
Installation type	Rotatory knob or holding clamp		
Model	SL-LIL-CDT144L24-B-xx	SL-LIL-CDT240L40-B-xx	SL-LIL-CDT300L60-B-xx
Dimensions( Length x Breadth x Height)	570 x 68 x 70mm	1,136 x 68 x 70mm	1,418 x 68 x 70mm
Weight		Approx.4 kg	Approx.4 kg
Protection type	IP40		
Illuminant properties			
Illuminant Type	LED-Moduls with Mid-Power-LEDs		
Optical System	Wide,Narrow,wide,Flat and double Asymmetric light distribution		
Luminous Output	130lm/w 150lm/w		
Colour Temperature	3,000K / 4,000K / 5,000K / 6,000K		
Colour Rendering Index(Ra)	> 80		
Dimming( Power control)	With / without DALI		
Lifetime at (ta)30°	50,000 h		
Electronic Properties			
Power Rating	24W	40 W	60W
Operating voltage	AC 180 - 240V		
Frequency	50 / 60 Hz		
Installation Requirements			
Application areas	Halls,warehouses,manufacturing facilities,sales premises		
Specific Installation	Rail- Light System		
Installation height	3 to 20m		
Permissible ambient temperature (ta) 30°	-25℃ to +40℃		
Other properties			
Certification	CE / TUV / SAA / UL		
Connection with circuit breaker	300 Pcs	180 Pcs	120 Pcs
Special features			
End cover	IP20		
Blind cover	572mm	1,430 mm	1,430 mm
Mounting Rail	572mm	1,430 mm	1,430 mm

## Node Connector

All system components can be combined without tools. X, T and L connectors expand the system's application range.



L Node connector



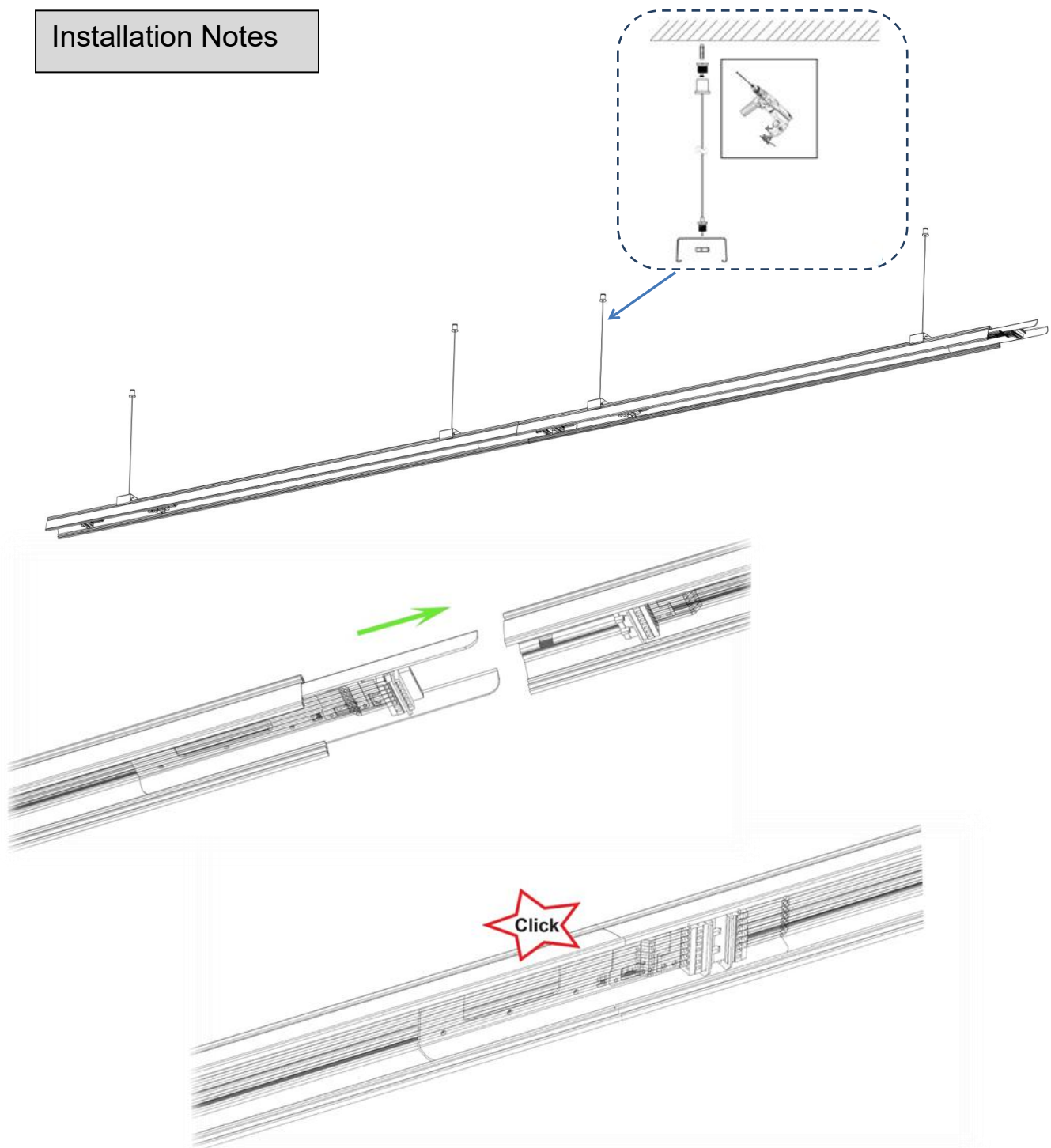
T Node Connector

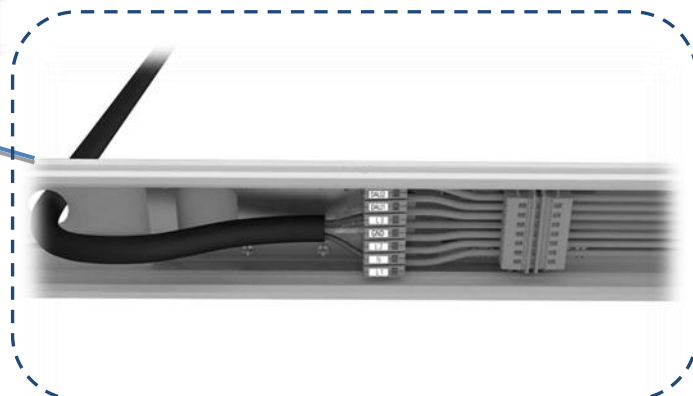
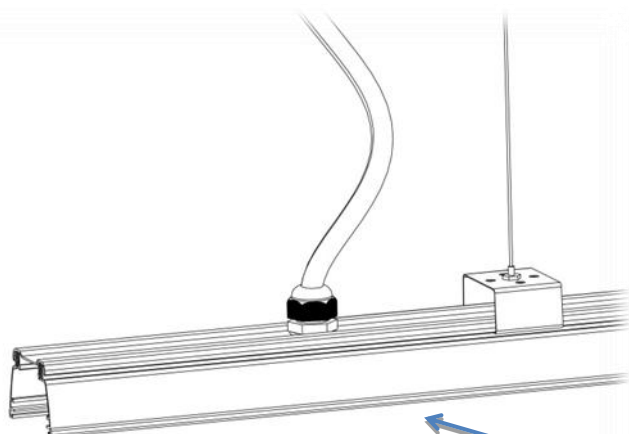
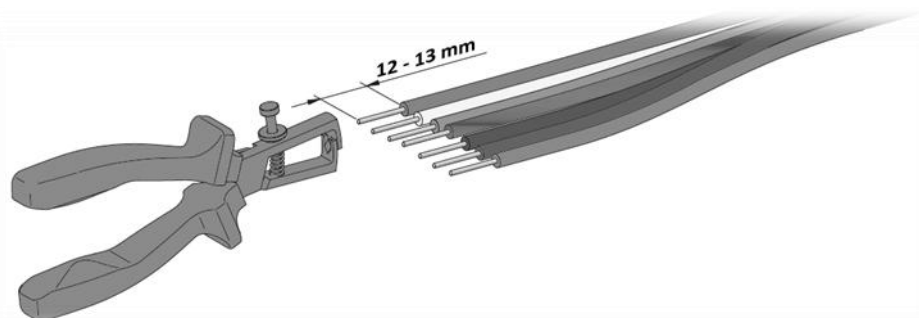
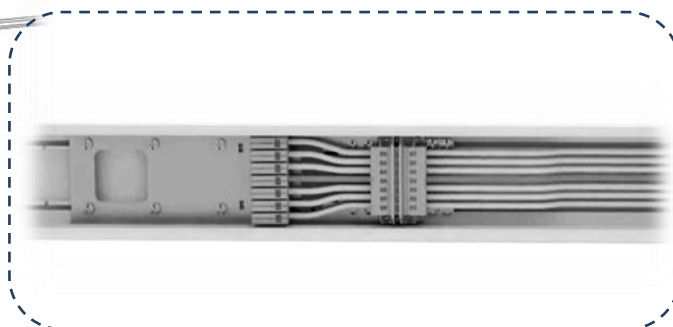
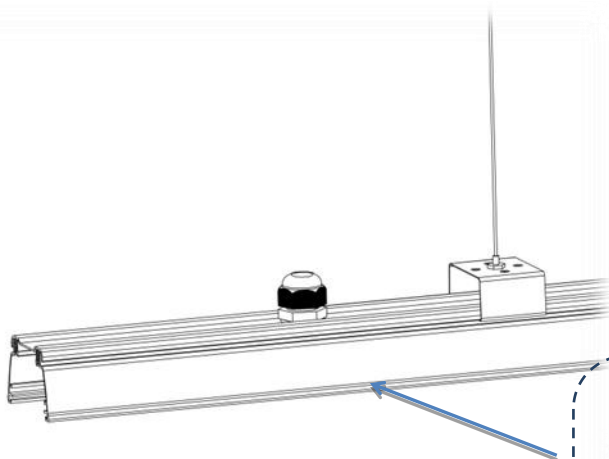


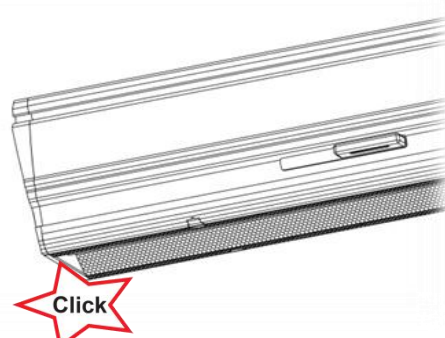
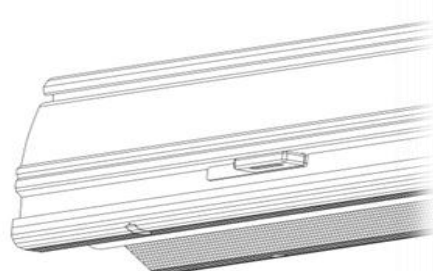
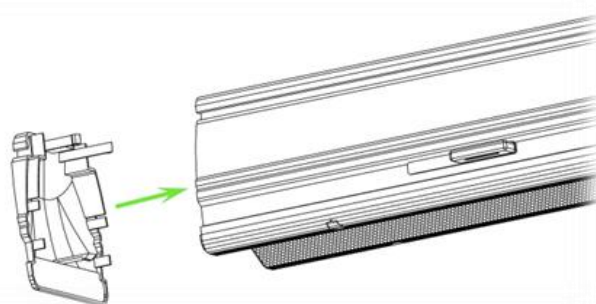
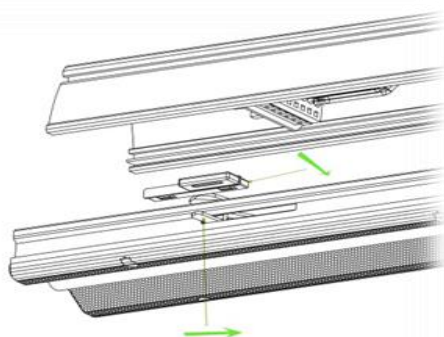
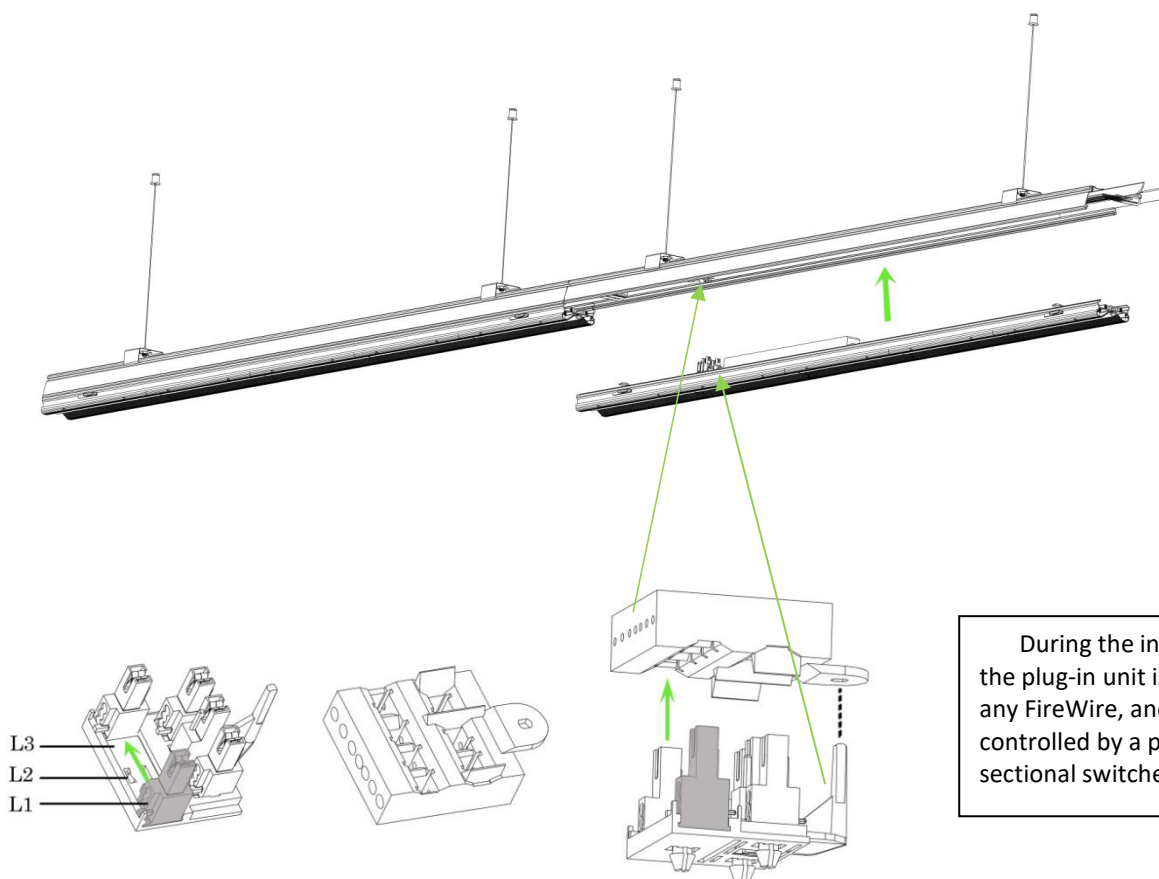
X Node Connector

Each node connector has diverse of electrical feed-in and feed-out. The node connector is not only to connect the cross trunking, but also to connect the wire inside the trunking, and the node connector itself could even be the electricity feed-in point.

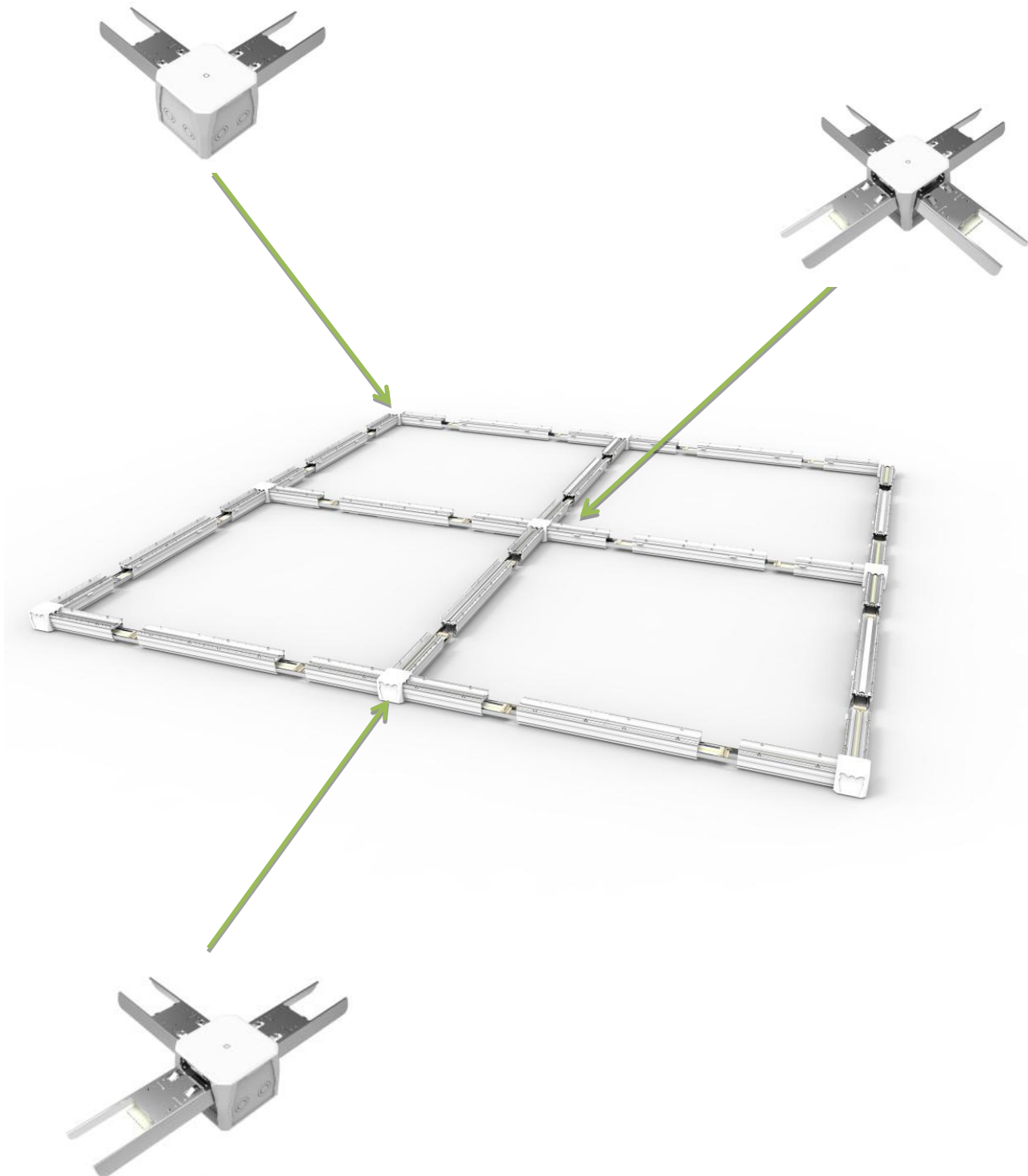
### Installation Notes





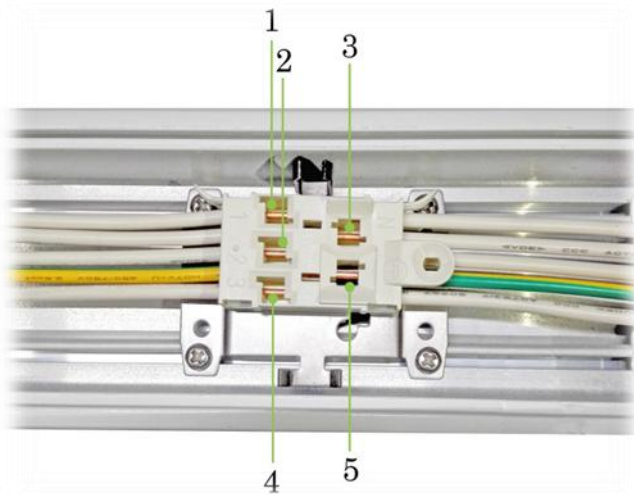


combination



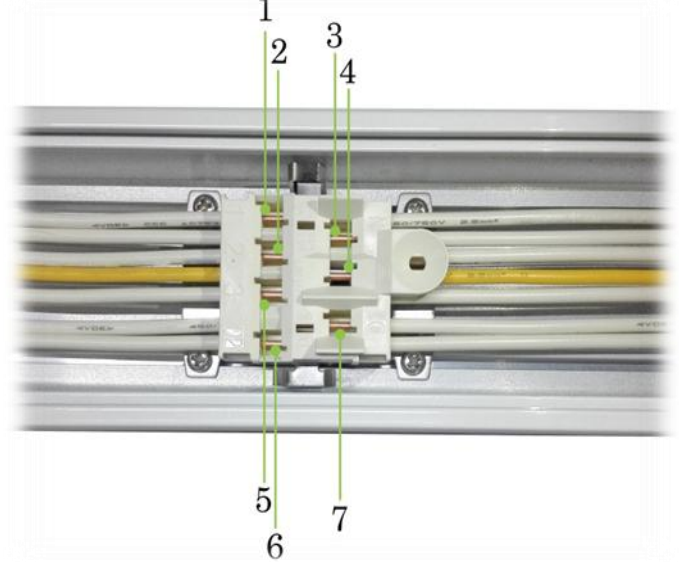
*In the actual installation process, the node has three ways of connection, using connectors to connect the entire lighting system, compared with other traditional LED lights, this method will greatly solve the installation of various application problems.*

## Track line function



5 Core line function

1. L1
2. L2
3. N
4. L3
5. GND



7 Core line function

1. L1
2. L2
3. N
4. GND
5. L3
6. 1-10V 1 / DALI 1
7. 1-10V 2 / DALI 2

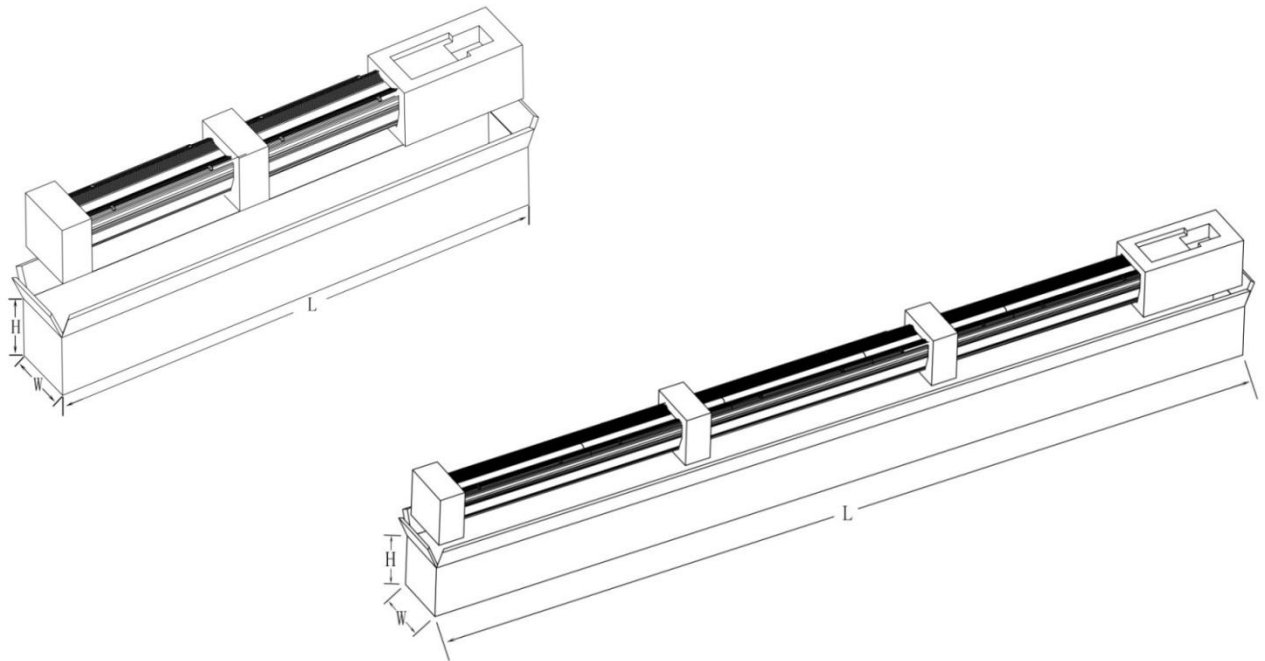
1. built-in circuit contains L1, L2, L3 fire line, choose any line, can carry on multiple regional segment switch control to the lamps and lanterns.

2. built in line contains dimming, and can be dimmed by 1-10V/DALI system to realize the application of intelligent and energy saving.

3. emergency function. During the installation process, two emergency lines can be supplied to the generator or central safety battery. In case of emergency, some lamps and lanterns can be supplied to provide emergency lighting with safety guarantee.

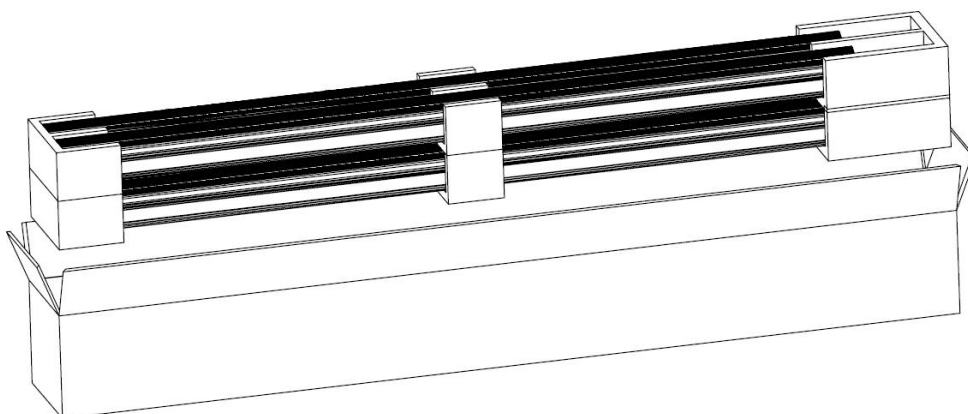


## Sample packing



MODEL	L (mm)	W (mm)	H (mm)	Net weight(kg)	Quantity (pcs)	Gross weight (kg)
SL-LIL-CDT144L24-A	790	110	120	1.4	1	2
SL-LIL-CDT240L40-A	1370	110	120	3	1	3.5
SL-LIL-CDT300L60-A	1650	110	120	2.85	1	4
SL-LIL-CDT144L24-B-xx	790	110	190	1.9	1	2
SL-LIL-CDT240L40-B-xx	1370	110	190	3.5	1	3.5
SL-LIL-CDT300L60-B-xx	1650	110	190	3.8	1	4

## Batch packing





MODEL	L (mm)	W (mm)	H (mm)	Net weight(kg)	Quantity (pcs)	Gross weight (kg)
SL-LIL-CDT144L24-A	650	200	190	1.4	4	6.2
SL-LIL-CDT240L40-A	1225	200	190	3	4	12
SL-LIL-CDT300L60-A	1505	200	190	2.85	4	13
SL-LIL-CDT144L24-B-xx	750	200	190	1.9	4	9
SL-LIL-CDT240L40-B-xx	1325	200	190	3.5	4	15
SL-LIL-CDT300L60-B-xx	1610	200	190	3.8	4	14

#### • General safety instructions and information

- Installation and maintenance must be performed by authorised and trained staff.
- - Before wiring, make sure that the cables are de-energised. During wiring work, make sure that the cables remain de-energised (e.g. prevent switching back on).
- - Observe your national safety regulations for the installation and use of this lamp.
- - The manufacturer accepts no liability for injuries or damage caused by unintended use or incorrect installation.
- - If the lamp is retroactively modified, the person who made the modifications then becomes the manufacturer.
- - To avoid risks, the lamp must only be operated if there are no visible signs of damage to components, in particular to the connecting cable.
- - Only the manufacturer is authorised to replace defective components.
- - The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similarly qualified person.
- + All dimensions stated in mm.
- + The drawings are not to scale.
- + Technical changes are reserved.