

# BrightLED

*LED Linear Trunking System*



Linear lighting solution: Node connector

#### L-Node connector



L-, T- and X-Node connector made of aluminum material.  
Can be suspended in node point with hanging accessories  
A node comprises at least one in coming feeder and one out going feeder

#### T-Node connector



L-, T- and X-Node connector are available for 5wire, 7wire or 11wire Linear lighting system  
Fully meeting the requirements of different installation way  
Connecting all individual tubes together

#### X-Node connector

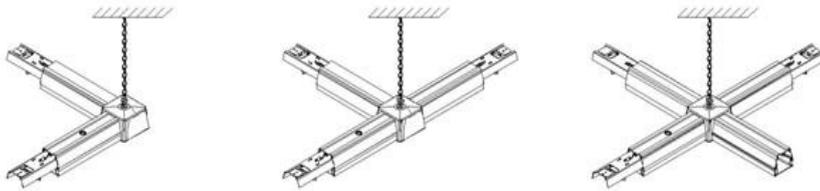


Node connector can connect the lamps under any room application.  
The last connector will be sealed by a plastic feed-end cap.

In the actual installation progress, L, T, X connectors are three kinds of installation methods. With those node connectors, all individual lamps of Linear lighting solution connected together and have function of lighting. Compared with other traditional LED lights, this advantage will solve the problem of install in any application.

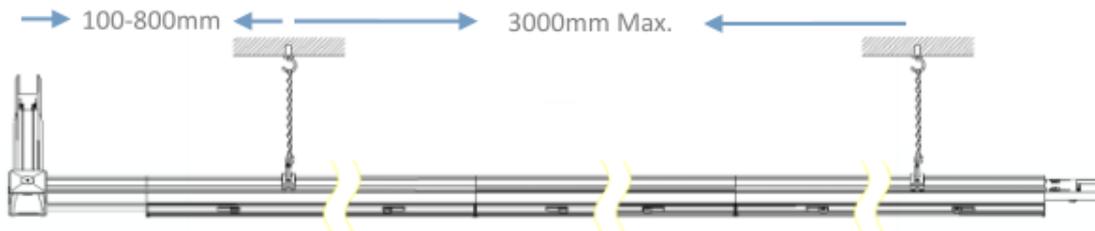
## Suspension

During the progress of installation, the central point of the node connector should be suspended by a line to make sure of the stability.



The distance from one suspension point to the second suspension line is 1.5m.

Node suspension to normal lamp suspension is 100-800mm.



Please note:

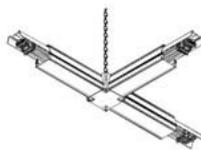
In order to ensure safety, all metal components need to connect with ground wire. If pre-wired, we already connected the cables. If blank node, please connect to the ground

## Node connectors

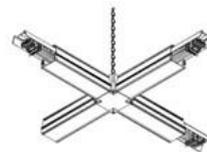
Using various node connectors, the lighting system can be assembled and combined in a myriad of variants, fully meeting the respective requirements in terms of design and lighting technology , L, T, X and flexible connectors open up many different options for creative design using light. Thus, the structures themselves will define the wiring sequence via the node connectors on site, depending on the application requirements.



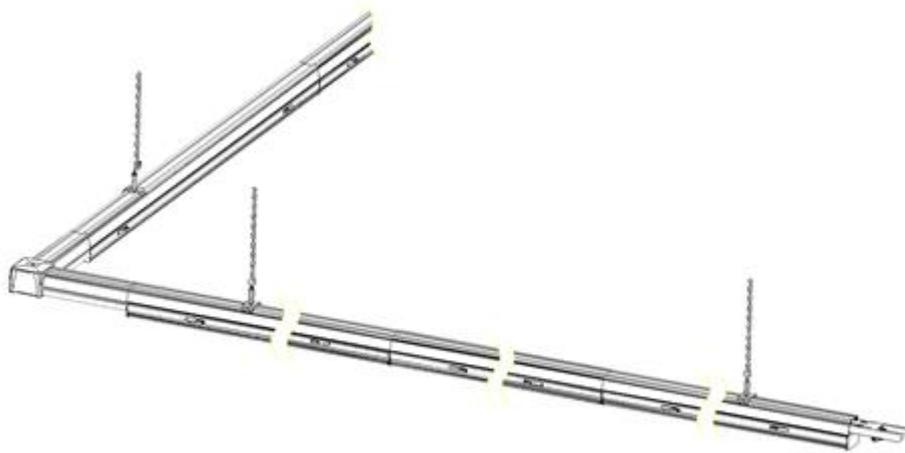
L- Node connector



T- Node connector



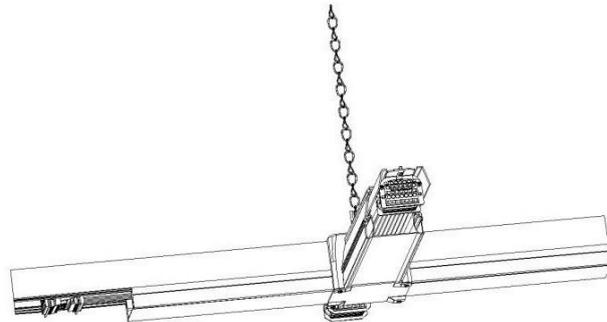
X- Node connector



The variety of the Linear lighting system for any room application

## Feed-in and feed-out point

Linear lighting system provides a wide variety of possible feed-in and feed-out points to satisfy customer-specific requirements and conditions. An additional feed-in point is fit for continuous-row system which is over 50m. Central feed-in are perfect for this purpose, especially since they will not disrupt the visual continuity of a continuous-row system.

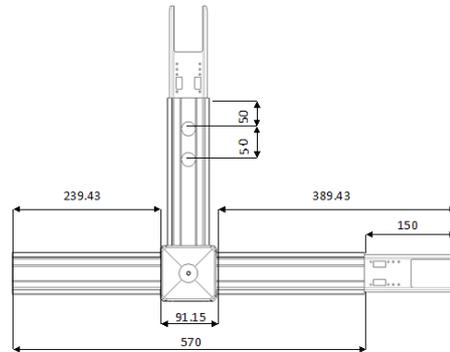


A node connector at least one feed-in and feed-out point.

Node connector with connection plate is feed out point.

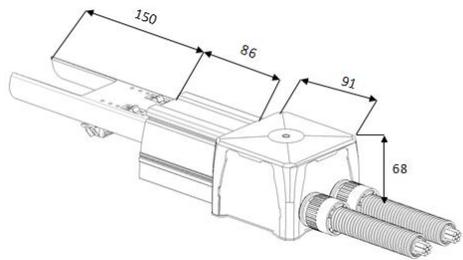
All 5wire, 7wire or 11wire Linear lighting system have feed-in and feed-out point.

Dimension of the node connector



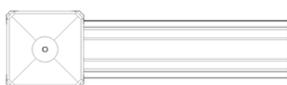
--mm

Dimension of the Terminal feed in box



Feed-in box.:

A feed-in box have function of feed-in , connection, transfer and so on, can be used as a single wire terminal.



Feed-in



Feed-out

Default feed-in and feed-out connector have wires in it, they can connect to the trunking directly and charged with electricity. If require the mechanical feed-in and mechanical feed-out ( which without wires in it), please contact us for real requirement.

L Node connectors:



CSN-L01-05X

Left side for feed-in, right side for feed-out.



CSN-L02-05X

Right side for feed-in, left side for feed-out.



CSN-L03-05X

Central point for feed-in, both sides for feed-out.

Please note: Above two kinds of connection methods are standard mode, actually all different kinds of feed-in and feed out are available. In the actual installation process, if any other connection method needed, please contact us for real requirement.

T Node connectors



CSN-T02-05X

One side for feed-in, two sides for feed-out.



CSN-T04-05X

Central point for feed-in, three sides for feed-out.

Please note: Above two kinds of connection methods are standard mode, actually all different kinds of feed-in and feed out are available. In the actual installation process, if any other connection method needed, please contact us for real requirement.

X Node connectors



CSN-X02-05X

Central point for feed-in, four sides for feed-out.



CSN-X01-05X

One side for feed-in, three sides for feed-out.

Please note: Above two kinds of connection methods are standard mode, actually all different kinds of feed-in and feed out are available. In the actual installation progress, if any other connection method needed, please contact us for real requirement.

L- Node connector with feed-in:



CSN-L03-05X

For the L-Node connector, there is a feed-in terminal on the side of the connector, during the installation progress, people can connect the power cable from the feed-in terminal.

T-Node connector with feed-in:



CSN-T04-05X

For the T-Node connector, there is a feed-in terminal on the side of the connector, during the installation progress, people can connect the power cable from the feed-in terminal

X-Node connector with feed-in:



CSN-X02-05X

For the X-Node connector, there is a feed-in terminal on the connect according to the chart, people can connect the cable from this point and supply the power to other sides.

In order to make the Node connector wiring way more convenient, the side wiring and central point wiring way are also available. There is a wire terminal on the side of the node connector, during the installation progress, clients can choose This way to connect the electricity.

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