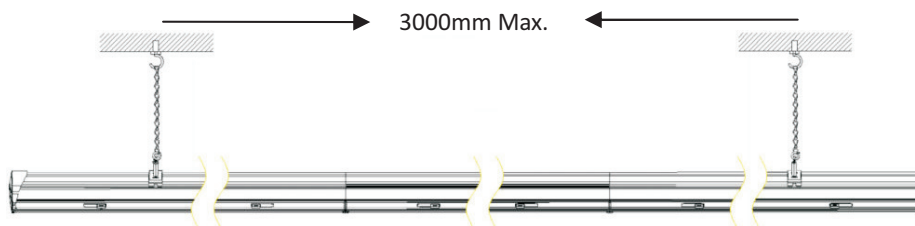


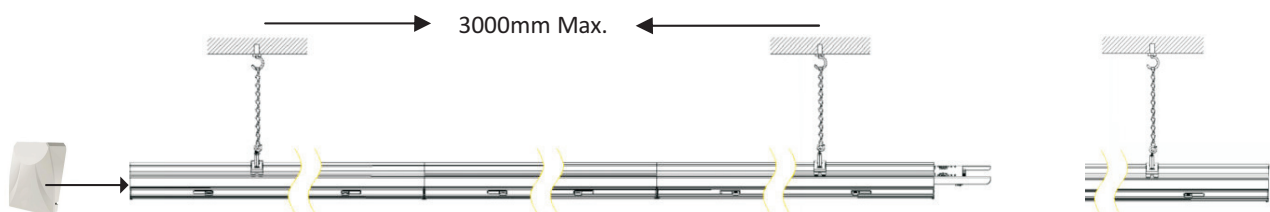
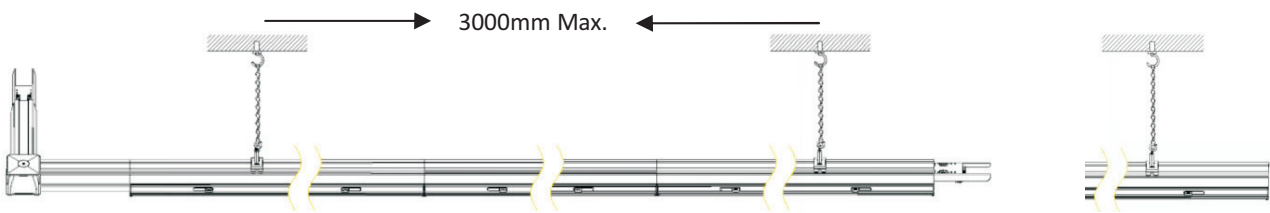
Suspension Installation

LED linear trunking lights are available in suspended, surface-mounted and recessed versions. Its very easy to mount the linear system by hand without tools, save both time and costs when updating our LED linear light. The rod/chain/cord suspension installation is tool free. Suspension height adjustment is also entirely tool-free. Even with new installations, only trunking rail and corresponding mounting hardware is needed.

Suspension mounting brackets have been designed to allow maximum ease and speed in installation. The position of the mounting bracket can still be changed once clicked onto the trunking rail, this ensures maximum flexibility. All brackets are simply clicked on the trunking rail. They are suitable for direct fixation or with rods, chains or cords for suspension fixation. Distance between the brackets is up to 3000mm, resulting in faster installation and lower costs.



Maximum distance between suspension points: 3000mm.
The first suspension point to end of trunking rail is 100-800mm.



If node connector in the first position, the maximum suspension points distance from node end to the first trunking rail is 100-800mm, and the second to the third trunking rail suspension distance is 3000mm.



Ceiling Hook

For suspend rod, cord or chain to the ceiling

Suspension Rod

Rod is one of optimal suspension installation ways.

Material: iron

Rod diameter: 6mm

Rod length: 3000mm

Withstand weight: >30KG



Suspension Chain

With integral sleeve is for adjusting the chain height easily.

Materials: steel

Diameter: 2.4mm

Length: 3000mm

Withstand weight: >30KG

Suspension Cord

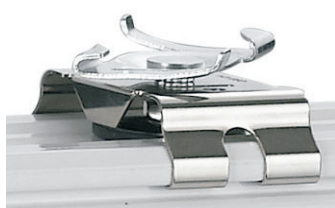
Material: stainless steel

Cord height can be shortened on site

Diameter: 1.5mm

Length: 3000mm

Withstand weight: >30KG



Surface Mounted

Fixing clamp for ceiling mounting.

Material: steel

Size: L55*W32*H17mm

Steel thickness: 0.8mm

Wall mounted

Mounting clip with hole ϕ 13.5mm



Diverse and safe wire connection

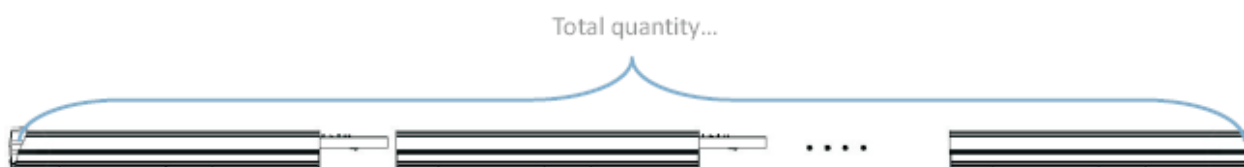
Trunking rails are equipped with pre-assembled through-wiring with a 2.5mm cable.

5 or 7 or 11 integrated phase selection switch and contact block with click connection, according to needs for the integration of light management systems or for supplementary functions such as integrating emergency light, DALI / 1-10V / DIMswitch control.

There are 1416mm and 570mm trunking rail available for you choose, the 570mm is of supplement length in a continuous-row system when the continuous-row length is not enough.

The electric current of each single wire and connector is 16A, the max. quantity of luminaire by cascade connection such as bellows:

Trunking Rail Lengh	1416mm	1416mm	1416mm
Luminaire Power	80W	65W	40W
Electric Current	16A	16A	16A
Input Voltage	220/110V	220/110V	220/110V
Max. Quantity by Cascade Connection	44/22PCS	54/27PCS	88/44PCS



Trunking Rail Lengh	570mm	570mm	570mm
Luminaire Power	32W	26W	16W
Electric Current	16A	16A	16A
Input Voltage	220/110V	220/110V	220/110V
Max. Quantity by Cascade Connection	110/55PCS	135/67PCS	220/110PCS
Total Length by Cascade Connection	60/30M	75/37M	124/60M

Various of feed-in solution for selection

1. Power feed-in box



Note:

There are single core wire, multi core wire, wavy pipe and wire connectors available for selecting.
Please contact us if need it.



Single-stranded cable with pulling-resistant interface

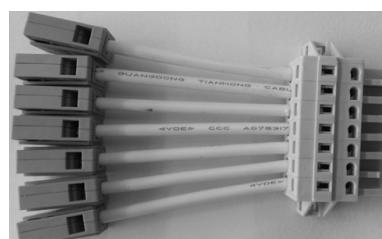


Flat cable + wavy pipe without pulling-resistant interface



Attention to the wire connection, mode and correspondence of wire definition.

Terminal trunk 8 cables



Mode	Function Description						Description of the wire											
	3 phase	DALI	1-10V	Batt	EMG1	EMG2	1	2	3	4	5	6	7	8	9	10	11	12
5-core trunking rail :																		
1	✓							L1	N		L2		PE			L3		
8-core trunking rail :																		
2	✓		✓	✓			CHR	L1	N		L2		PE		L3	DIM+	DIM-	
3	✓	✓		✓			CHR	L1	N		L2		PE		L3	DA/L	DA/N	
4	✓			✓	✓		CHR	L1	N		L2		PE		L3	EL1	EN1	
12-core trunking rail :																		
5	✓		✓	✓	✓	✓	CHR	L1	EL1	N	EN1	L2	EN2	PE	EL2	L3	DIM+	DIM-
6	✓	✓		✓	✓	✓	CHR	L1	EL1	N	EN1	L2	EN2	PE	EL2	L3	DA/L	DA/N
7	×2		✓	✓			CHR	L1	L4	N1	N2	L2	L5	PE	L6	L3	DIM+	DIM-
8	×2	✓		✓			CHR	L1	L4	N1	N2	L2	L5	PE	L6	L3	DA/L	DA/N

PE: Ground

EL1: Emergency 1 supply Live

EN1: Emergency 1 supply Neutral

EL2: Emergency2 supply Live

EN2: Emergency2 supply Neutral

L1/L2/L3: Work as live wires, according neutral wire is N1

L4/L5/L6: Work as another group live wires, according neutral wire is N2

Note: Only L1/L2/L3/N1 wires are 2.5mm² with 16A , the rest are 1.5mm² with 10A.

DIM+: Positive of 1-10V input

DIM-: Negative of 1-10V input

DA/L: Positive of DALI input, or Live when work as DIM switch

DA/N: Negative of DALI input, or Neutral when work as DIM switch

CHR: Charge input for internal battery, main supply detection .

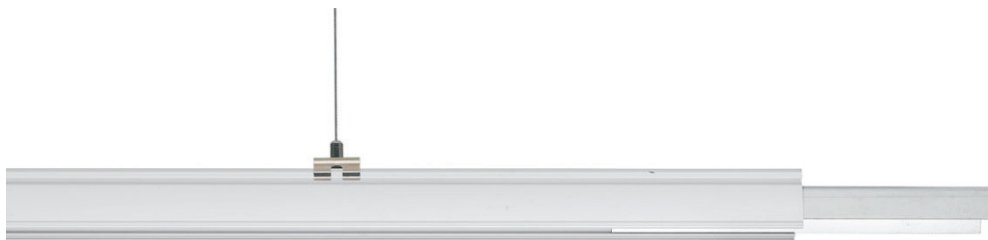


For additional Dali/1-10V/Battery emergency control and two independent emergency lighting circuits
Two independent emergency lighting circuits allow optimal integration of emergency lighting into general lighting.
Other Intelligent lighting management system is customizable.

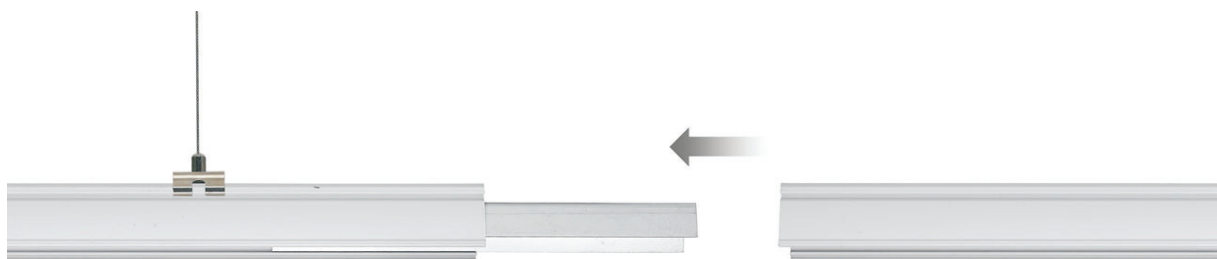
Easy Lamp Mounting

The LED linear trunking system are simple mounting. All system components, trunking rail and luminaire inserts are perfectly matched according to 1416mm/570mm system dimensions. Triple, double and single-length rails can be combined to comply with the space involved. Modules can be positioned in the rails with randomly defined distances according to system dimensions for both trunking rail and individual luminaire installations, meaning that mounting and installation is highly rapid. This is good for the budget in terms of time, costs, logistics, replacements, and installation. Pre-assembled rail connectors enable the rapid connection of trunking rails, and X, L and T connector elements give more design possibilities when deciding on trunking configurations.





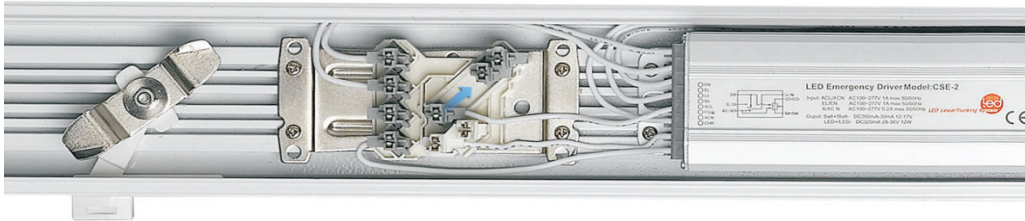
Suspend the first trunking rail
Click brackets onto trunking rails



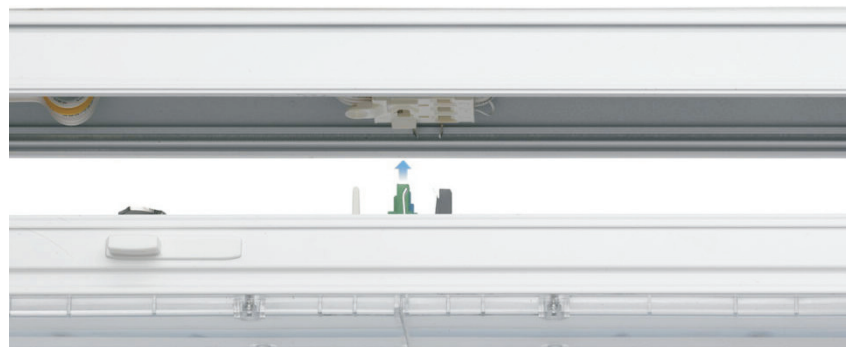
Click! Push to connect the trunking rails



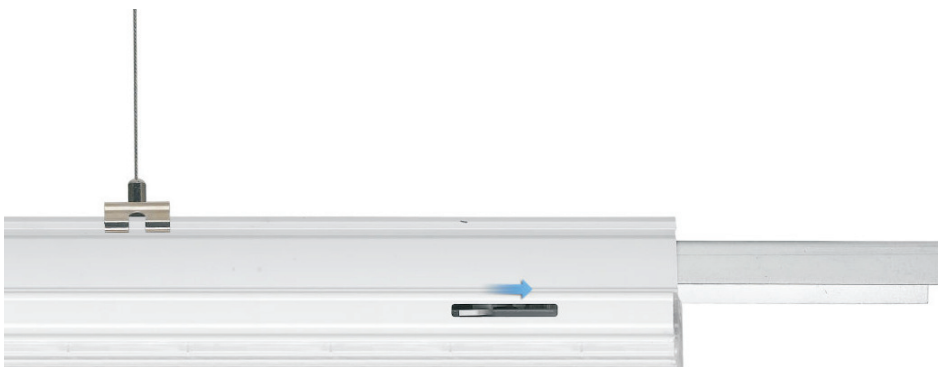
Suspend next trunking rail



Phase selection, select phase 1/2/3



Electrical connection of luminaire and trunking rail.



Move the lateral level locks, to secure the mechanical connection of luminaire and trunking rail.



Suspension height 1-2cm adjustable



Cover the end-cap to the last one luminaire