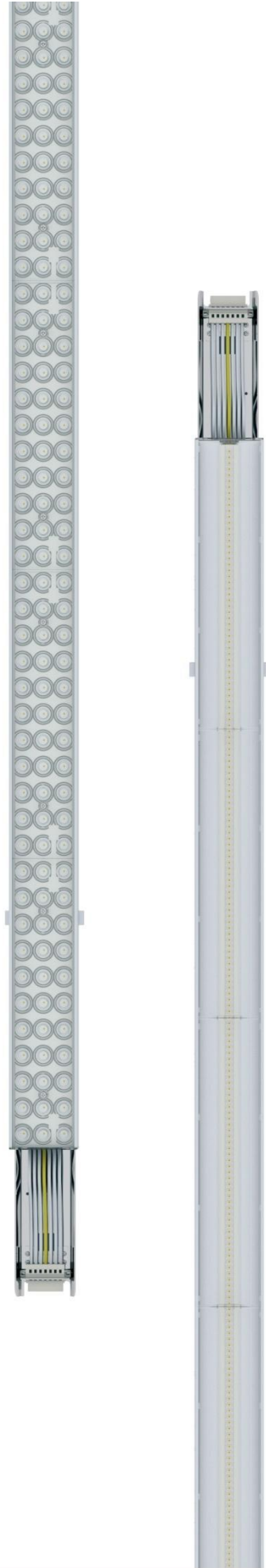


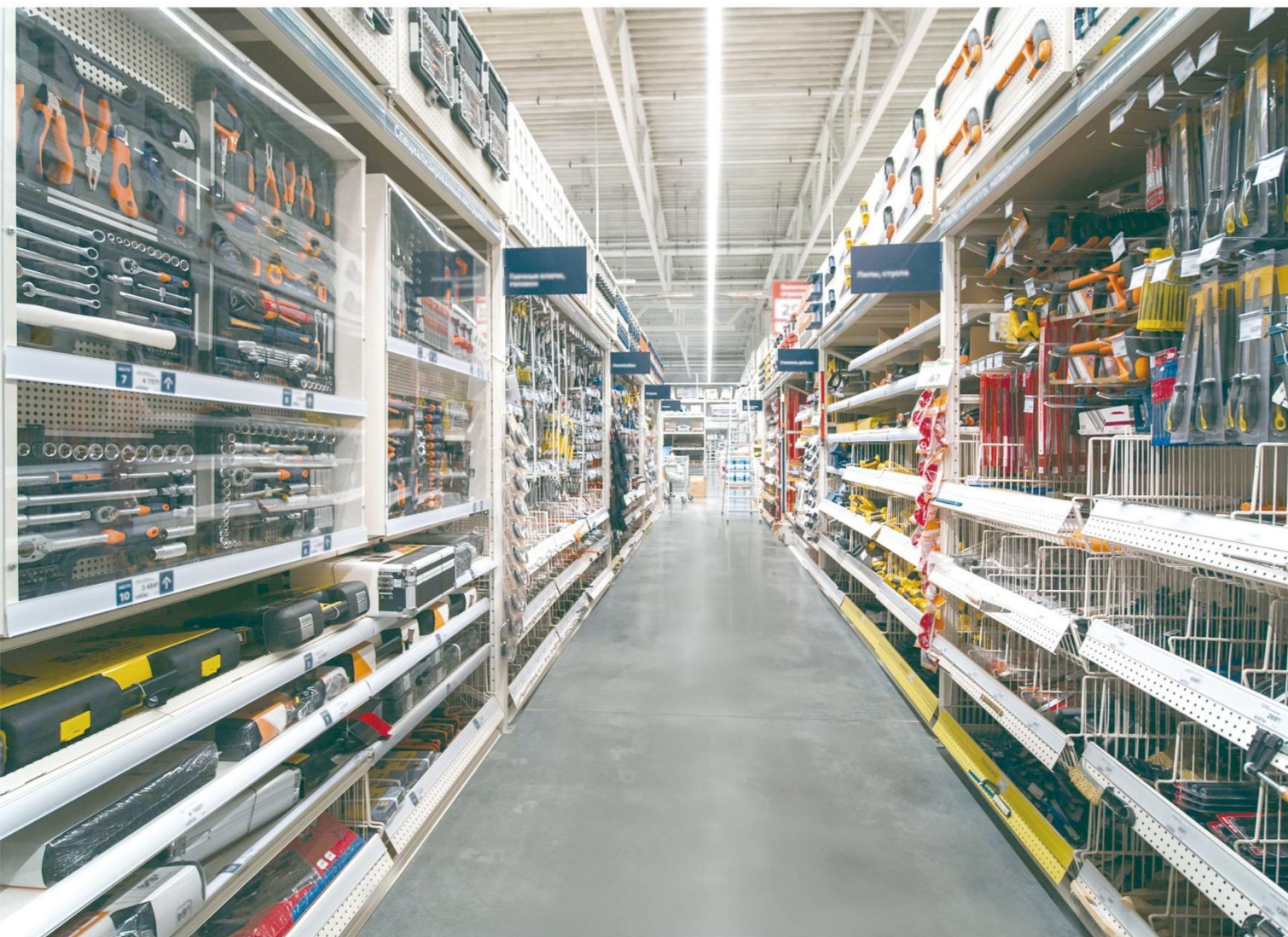
2021 LED

Linear Lighting System



Easy installation
Quick installation
Low installation cost

2021
LED
Linear Lighting System



No need for bridges, no need to purchase additional materials, no wiring, provincial construction period, installation fees, labor costs, auxiliary materials costs, ceiling decoration costs, is a cluster lighting system.

SECTION 1 Product introduction

产品简介 PAGE 1

SECTION 2 product list

产品目录 PAGE 2

SECTION 3 System Features

系统特点 PAGE 3-4

SECTION 4 Line introduction

线路介绍 PAGE 5-12

SECTION 5 Basic parameter

基础参数 PAGE 13-18

SECTION 6 Product Size

产品尺寸 PAGE 19-20

SECTION 7 Accessories

配件 PAGE21-22

SECTION 8 functional module

功能模块 PAGE 23-24

SECTION 9 Node Connector

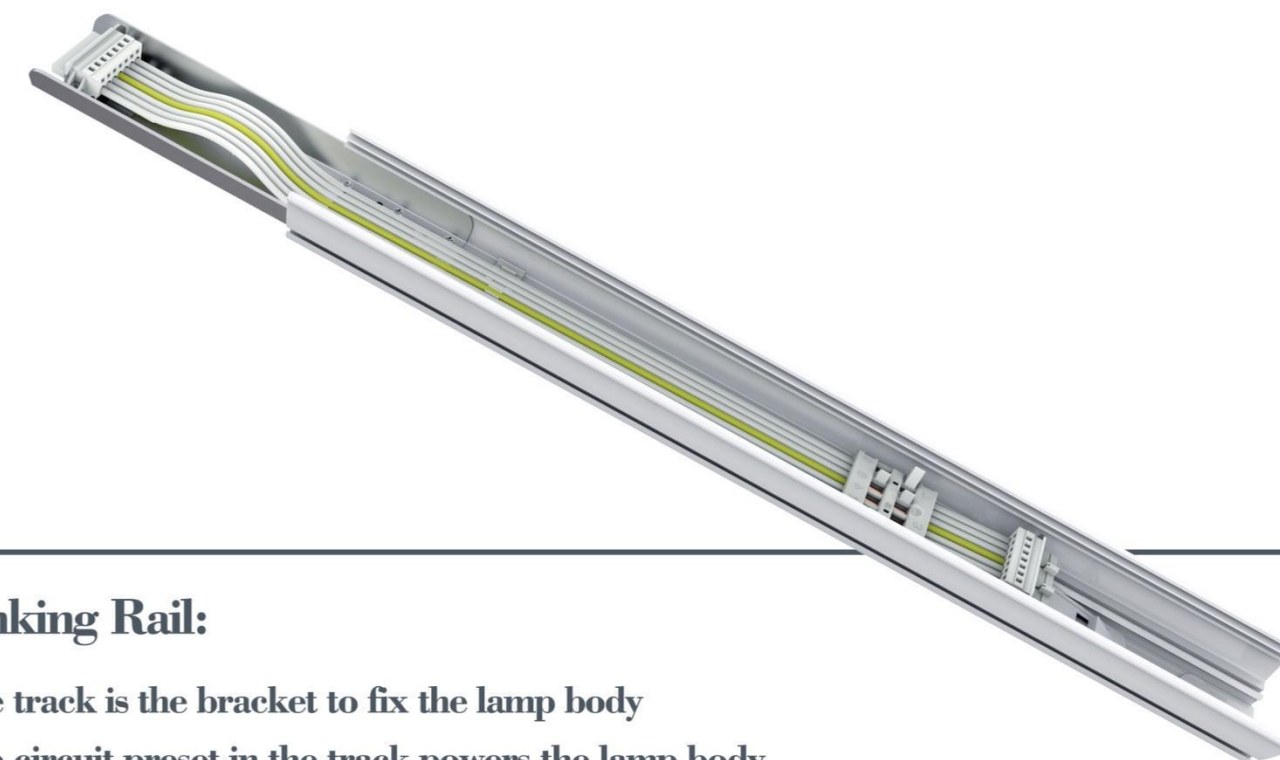
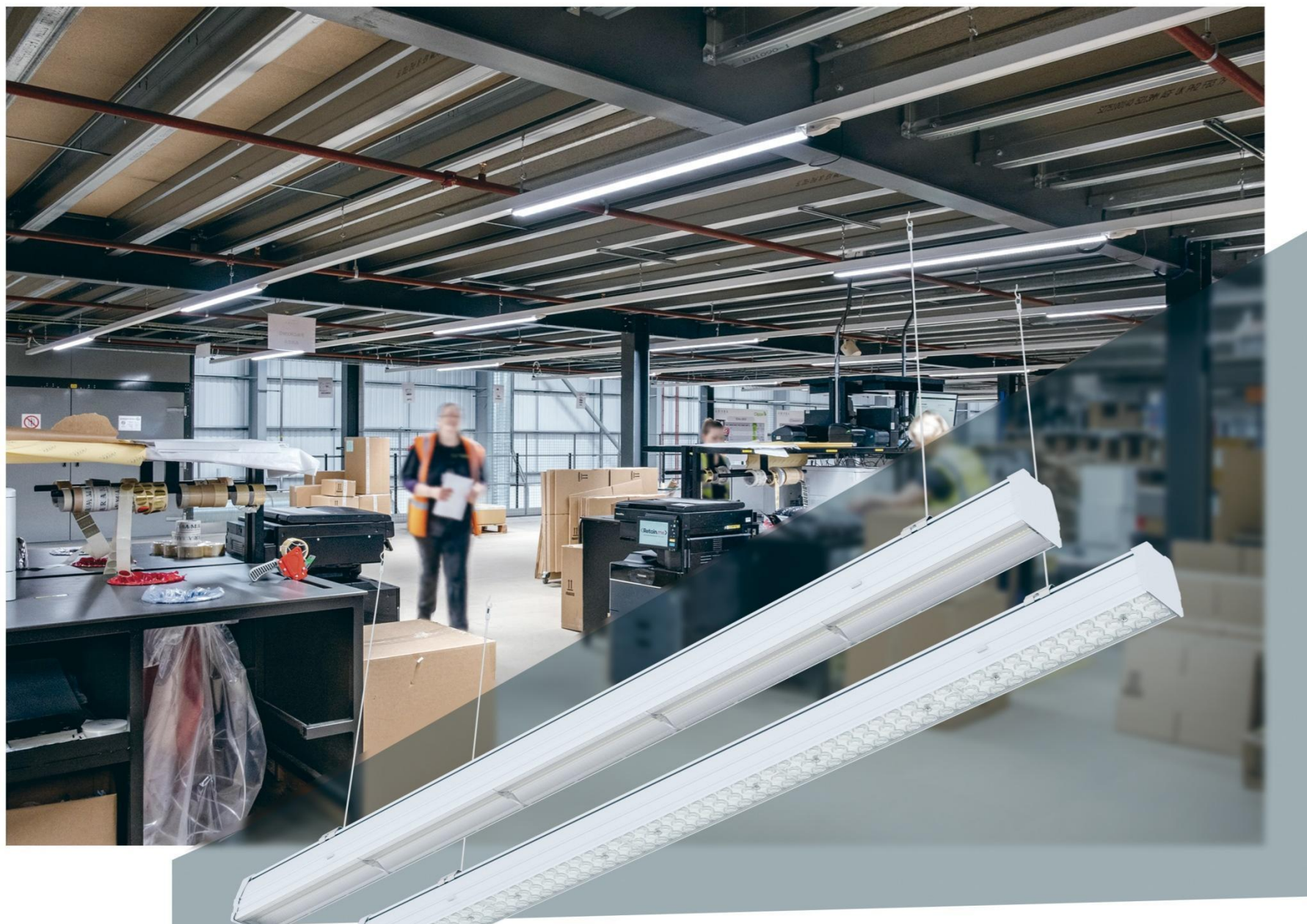
产品安装 PAGE25-28

SECTION 10 Product packaging

产品包装 PAGE29-30

2021 LED

Linear Lighting System



Features:

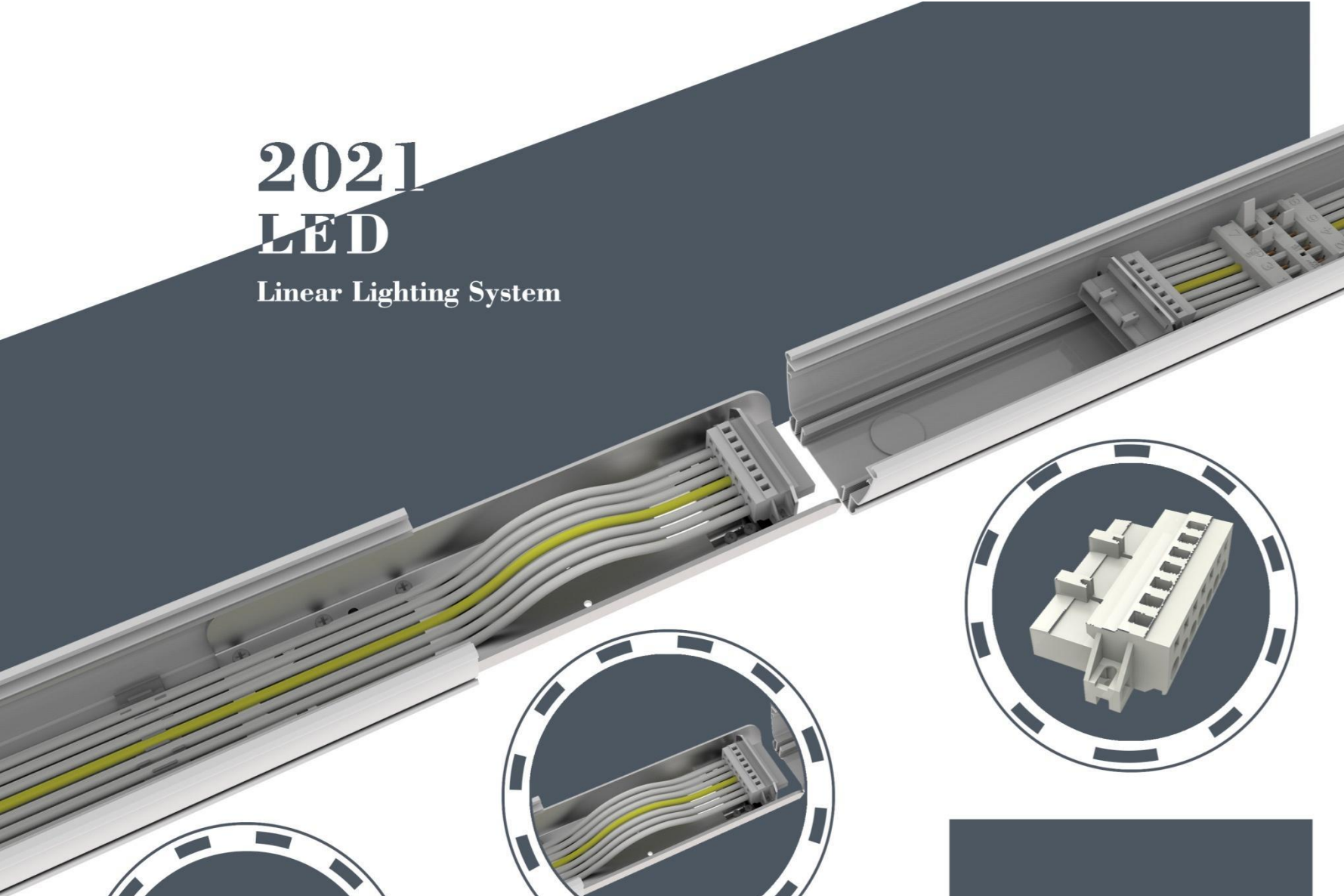
- 60 seconds quick installation without any tools
 - Low installation cost - simply splicing to complete without the additional materials for installation
- At the same time, the labor costs of wiring and fixture installation are significantly reduced.
- A three-phase circuit is preset in the track and the lamp can be individually controlled as required
 - Dimming mode: 0-10V and DALI
 - Emergency Mode: Emergency Battery/UPS System
 - Sensor mode: microwave sensor and daylight sensor
 - X, L, and T standard module node connectors
 - Mounting options: Surface mounted chains or ropes
 - Wide range of optics from 30° to 120° distribution, and double symmetrical distribution

Trunking Rail:

- The track is the bracket to fix the lamp body
- The circuit preset in the track powers the lamp body
- Splicing between tracks to form a system
- The rails are pre-wired within the factory and are available in three standard sizes: 3, 5, and 7 wires. The 5th line is the basic power supply line, and the other line outside the 5th line is the function line, dimming and emergency functions.
- There are 3 fire wires in 5 wires, and a common zero line and ground wire; toggle the phase selection terminal in the track to connect the lamp body to different electrical circuits. Three FireWire external switches can easily realize the group management of different lamps in the system.
- A 2.5 square wire cable with a maximum current of 12A. One wire allows the installation of 44 60W lamps.
- The track length is available in three sizes: 600mm/1200mm/1500mm, which corresponds to a lamp body of the same length.

2021 LED

Linear Lighting System



No need for bridges, no need to purchase additional materials, no wiring, provincial construction period, installation fees, labor costs, auxiliary materials costs, ceiling decoration costs, is a cluster lighting system.

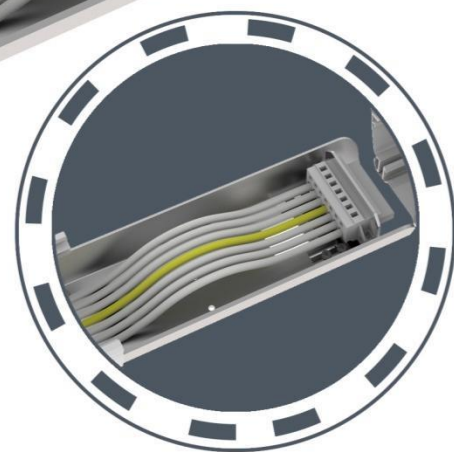
Easy installation

Quick installation

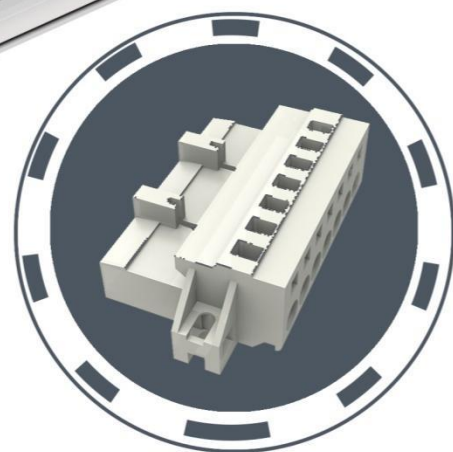
Low installation cost



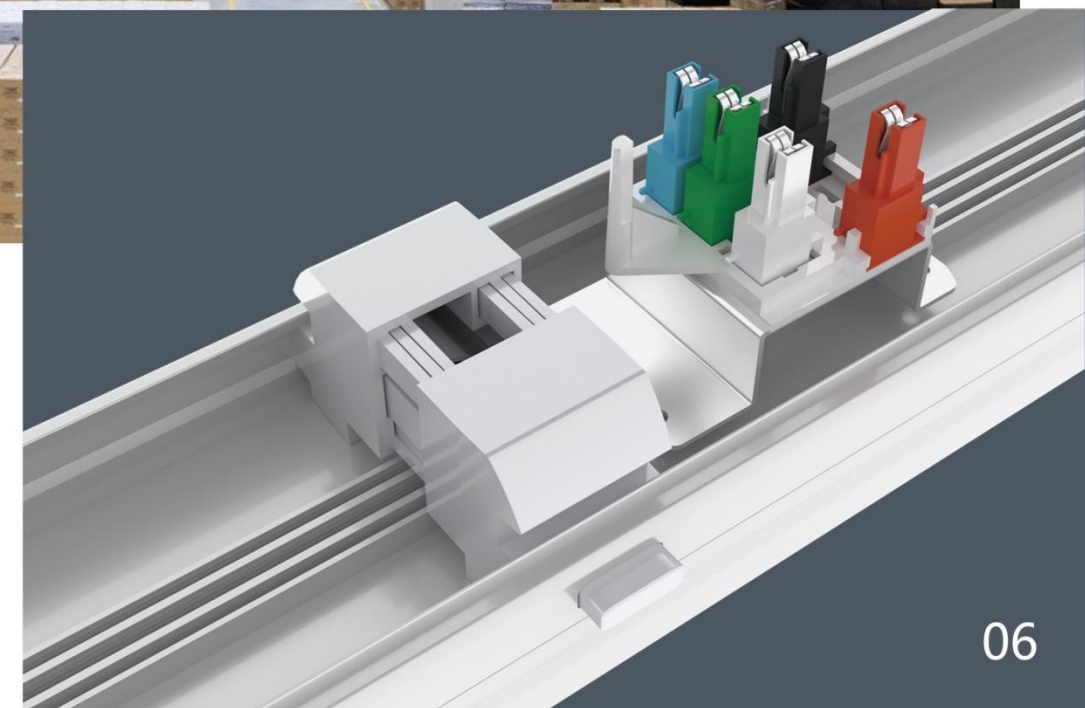
Wire
2.5mm² wire diameter
pure copper wire, the
maximum allowable
current is 12A;



Splice piece
The unique splicing way
ensures the safety and
stability of the use
process

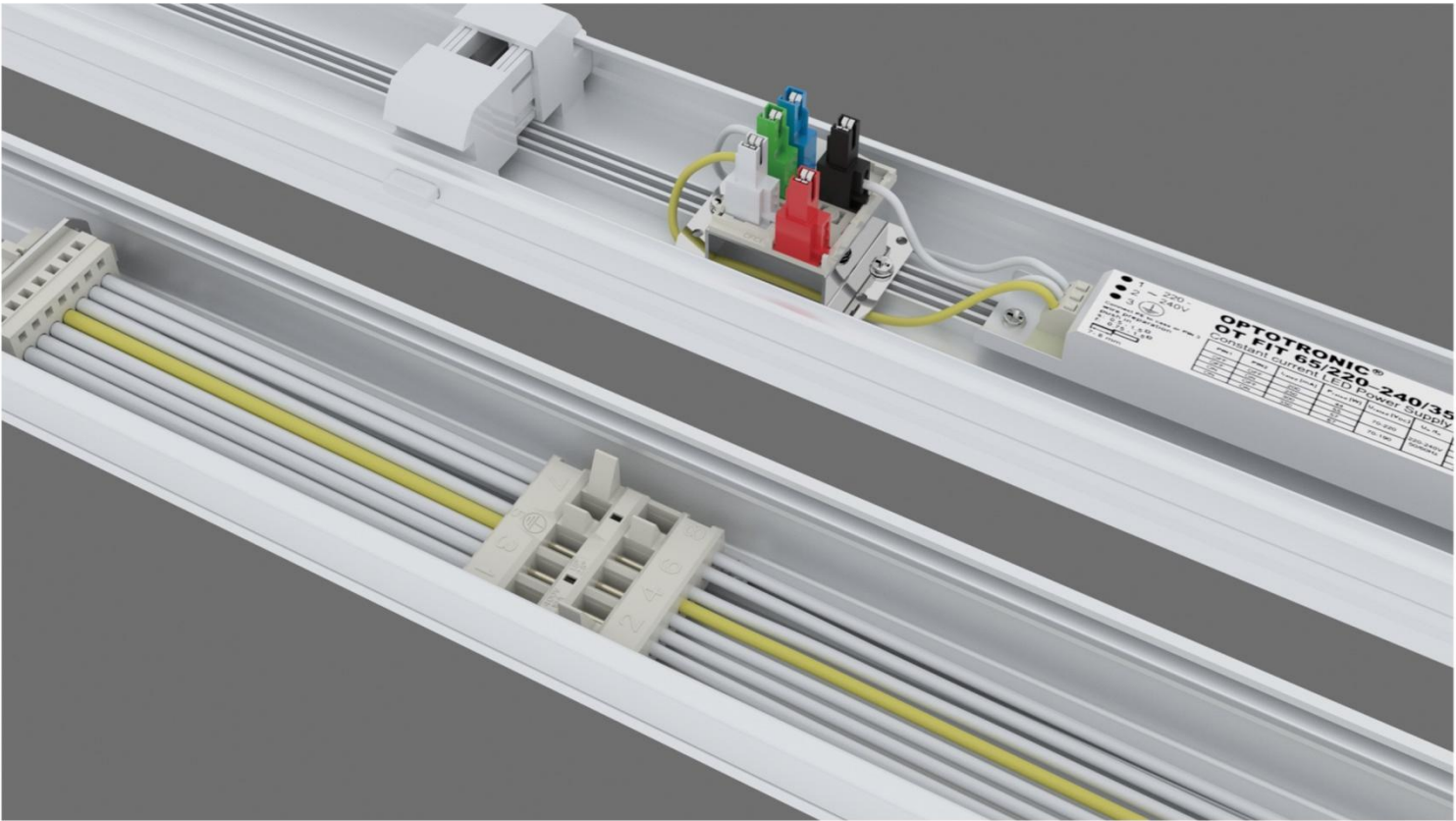
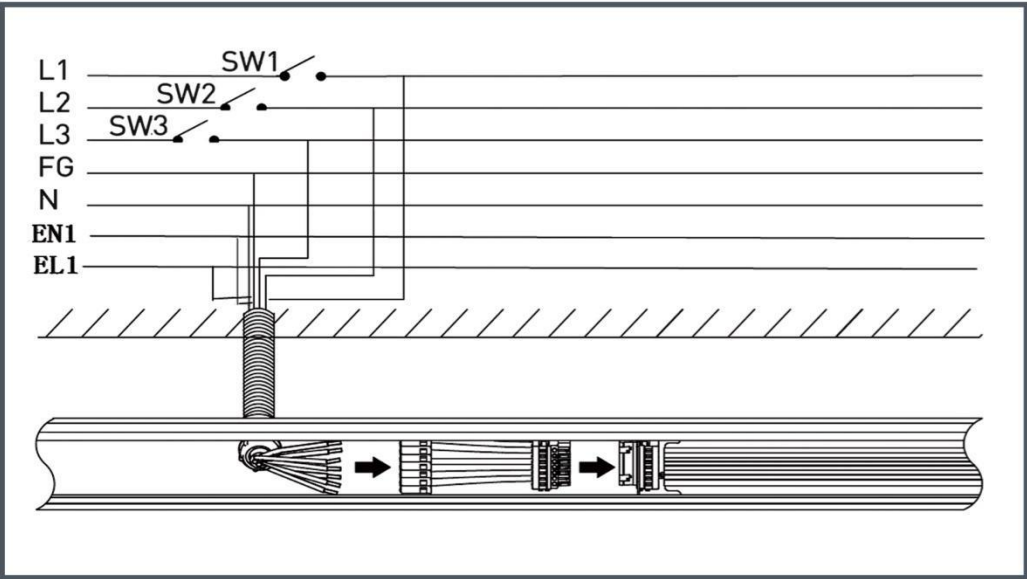


Splicing terminal
The wiring is safe and
fast, with detection
holes, simple structure,
easy to install and test.

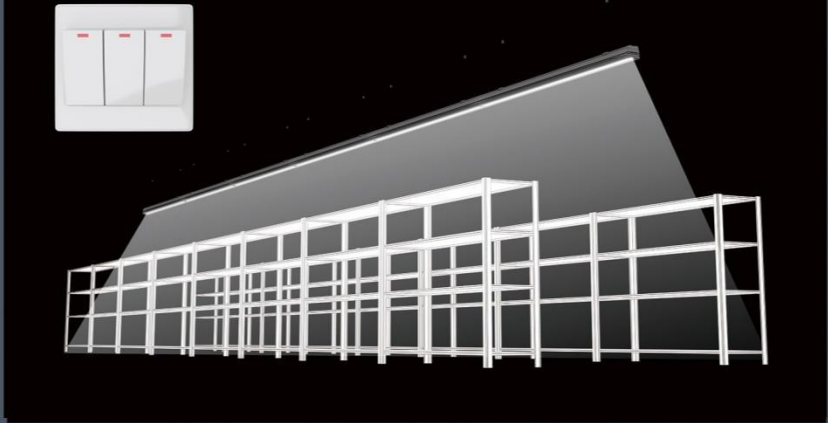


3-loop switch control

The three-loop function controls the lights individually by means of three switches, SW1, SW2, SW3 (on/off). These three switches are connected to L1, L2, L3.



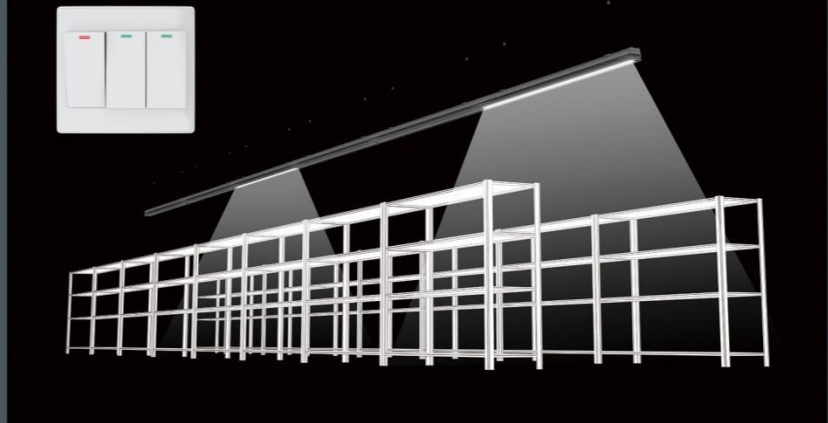
Status 1



Status 1

The lamp are on during the working time

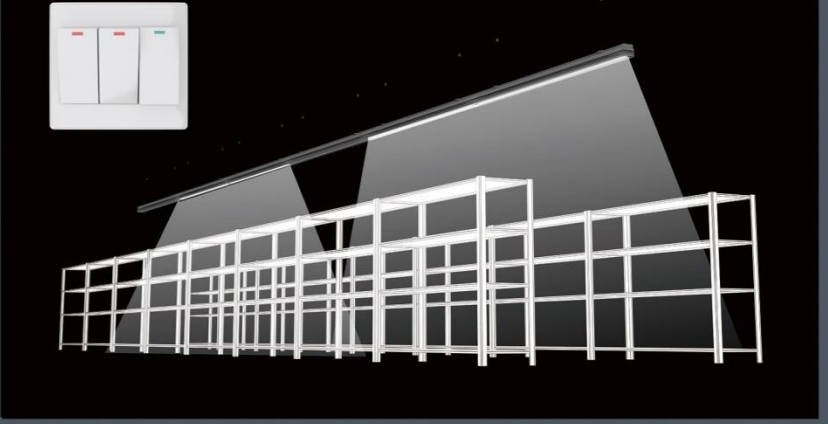
Status 3



Status 3

Keep one-thirds of the light at the break time tatus

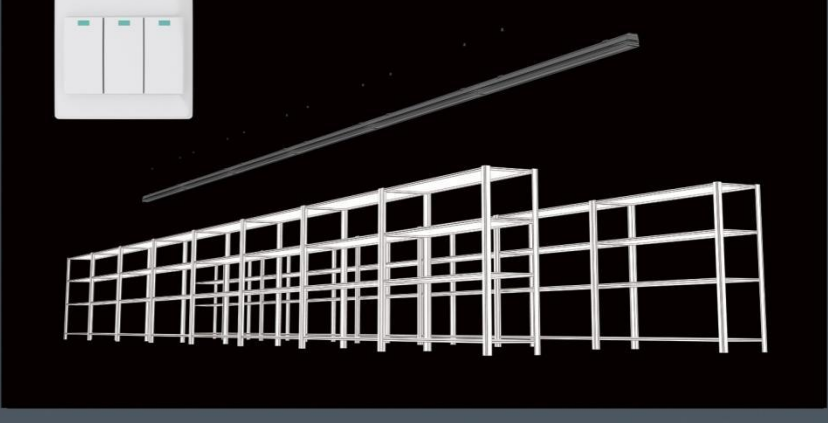
Status 2



Status 2

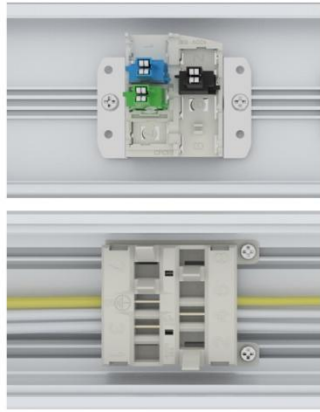
Keep two-thirds of the light on during overtime

Status 4



Status 4

All the lamps are off after the duty



3 Pins

3 Wires

L1,GND,N

Basic Lighting



3 Pins

5 Wires

L1,L2,L3,GND,N

Basic Lighting+3-loop switch control



5 Pins

7 Wires

L1,L2,L3,GND,N,DA1/Dim+,DA2/Dim-/LEM

Basic Lighting+3-loop switch control+Dimming/
Battery Emergency/Induction Function

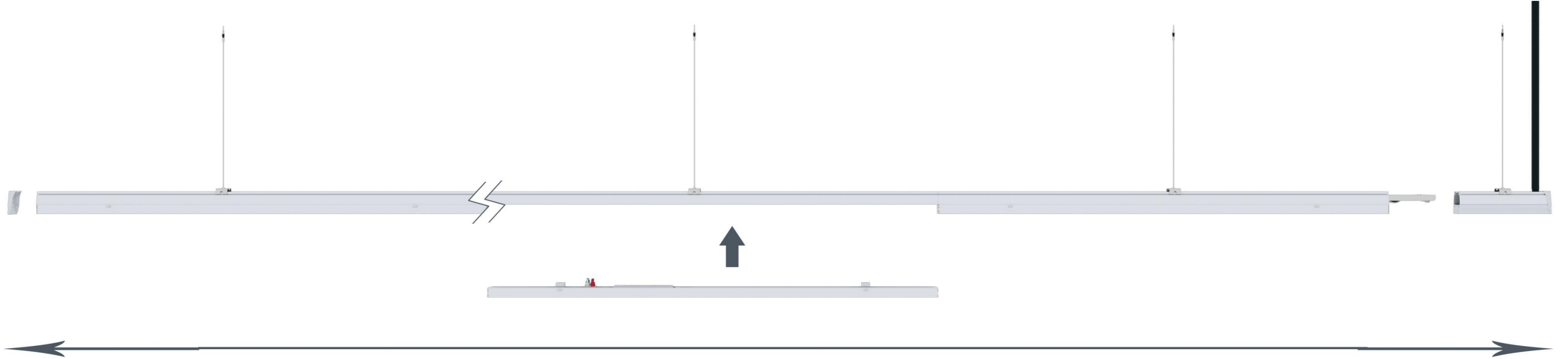


6 Pins

8 Wires

L1,L2,L3,GND,N,DA1/Dim+,DA2/Dim- +LEM

Basic Lighting+3-loop switch control+Dimming+
Battery Emergency



2.5mm² copper solid wires

Maximum load current: 12A

3-phase selection: L1 / L2 / L3

Maximum load wattage: 2640w@200-240V

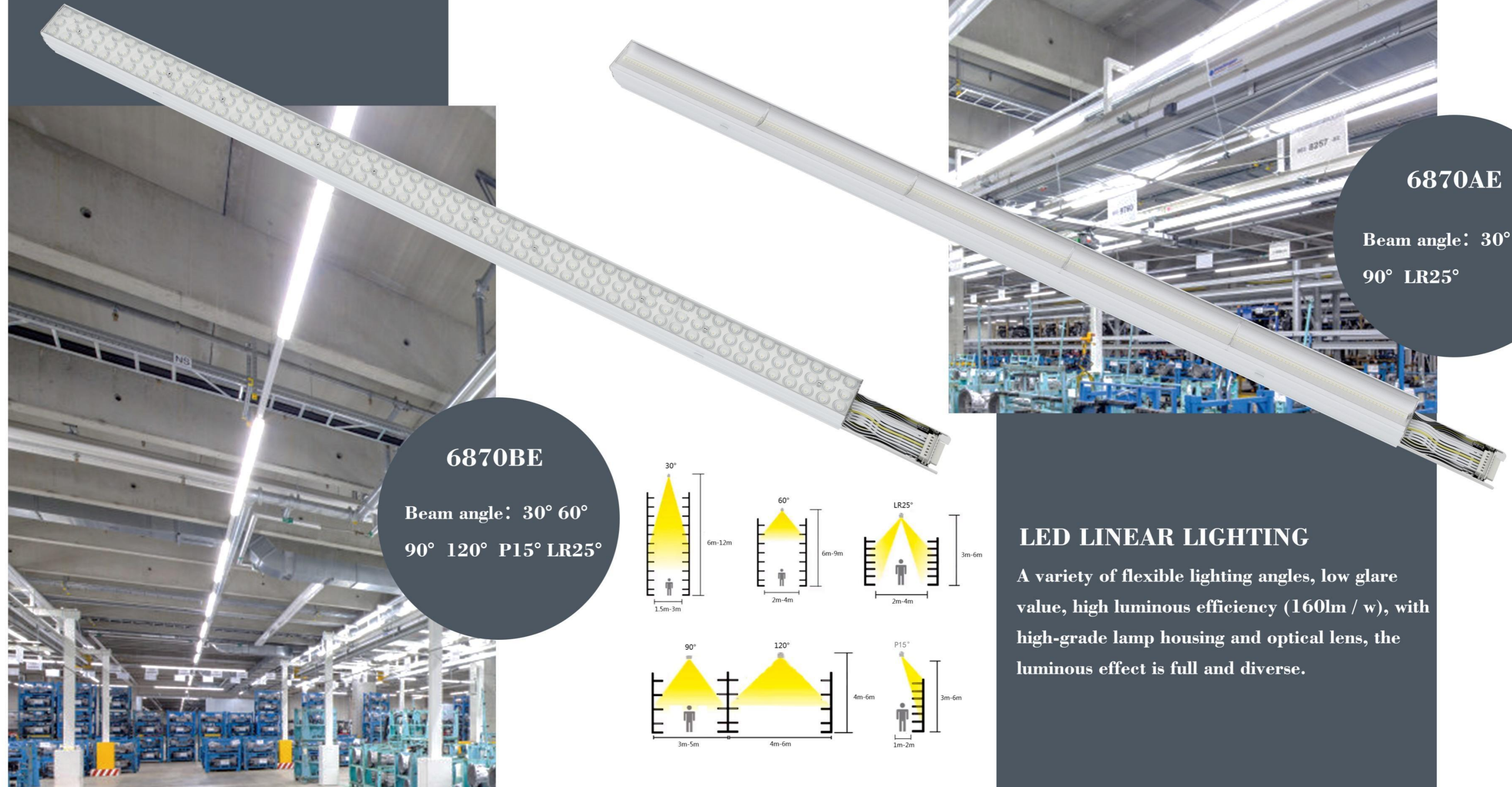
Maximum length: 107 meter@200-240V

Module specification	Power of Module	Maximum Quantity per circuit	Maximum Length per circuit
6870AE (1.437m)	35W	75PCS	107 meter
	45W	58PCS	83 meter
	55W	48PCS	69 meter
	65W	40PCS	57 meter
6870BE (1.437m)	36W	73PCS	105 meter
	45W	58PCS	83 meter
	52W	50PCS	72 meter
	60W	44PCS	63 meter

Note *: modify a group of live line to zero line,
the number of splicing can be doubled.

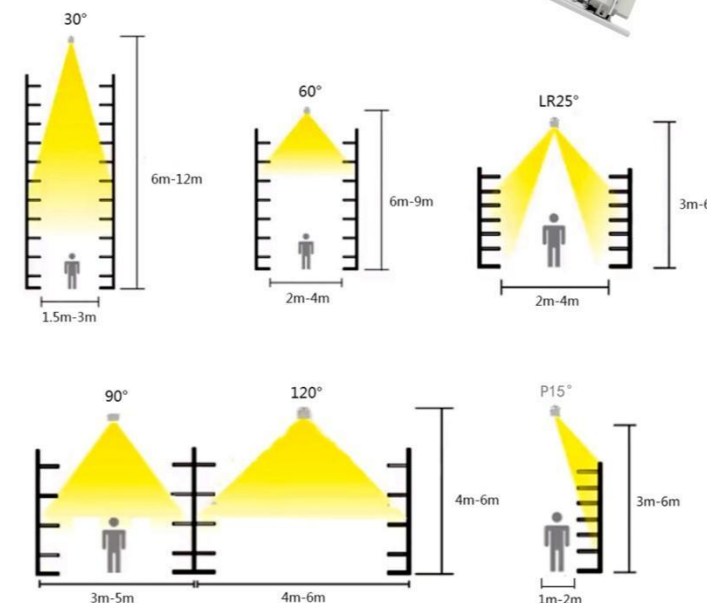
2021 LED

Linear Lighting System



6870BE

Beam angle: 30° 60°
90° 120° P15° LR25°

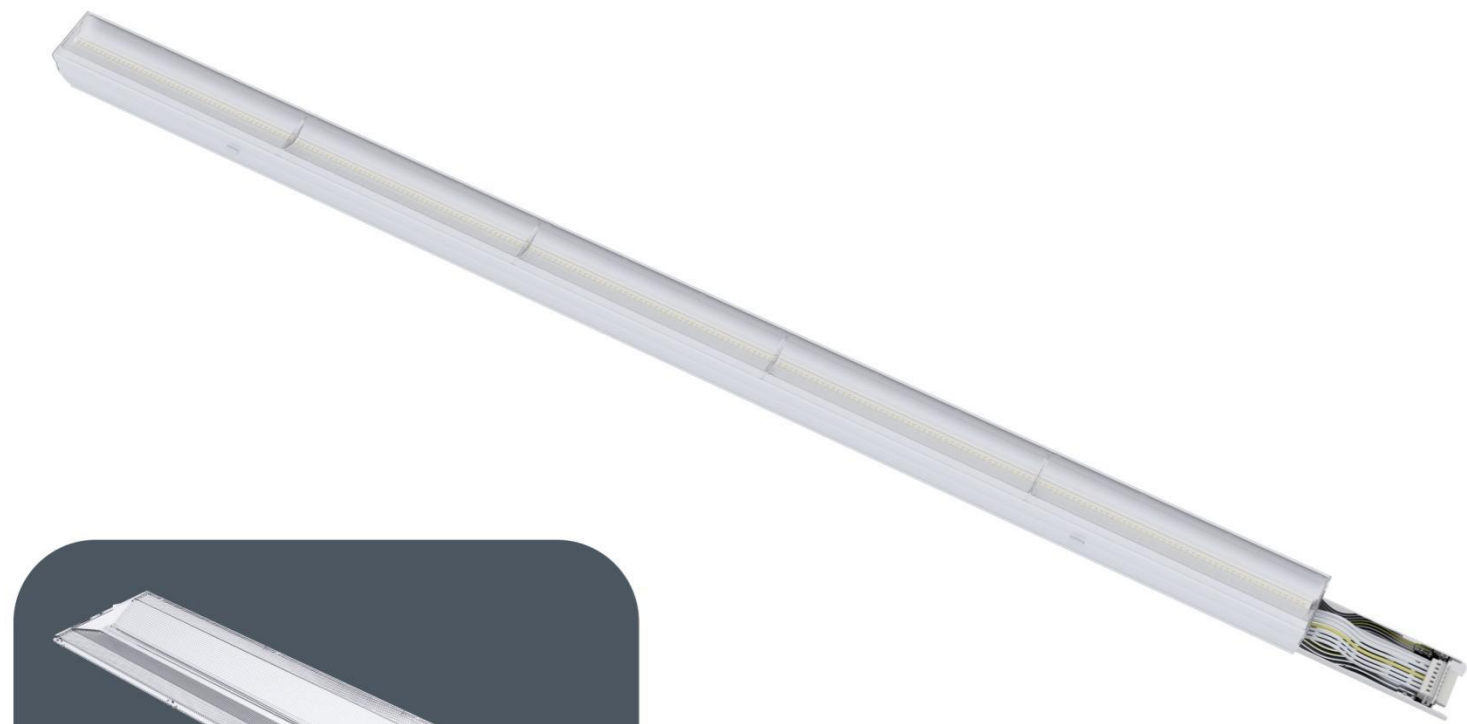


6870AE

Beam angle: 30° 60°
90° LR25°

LED LINEAR LIGHTING

A variety of flexible lighting angles, low glare value, high luminous efficiency (160lm / w), with high-grade lamp housing and optical lens, the luminous effect is full and diverse.



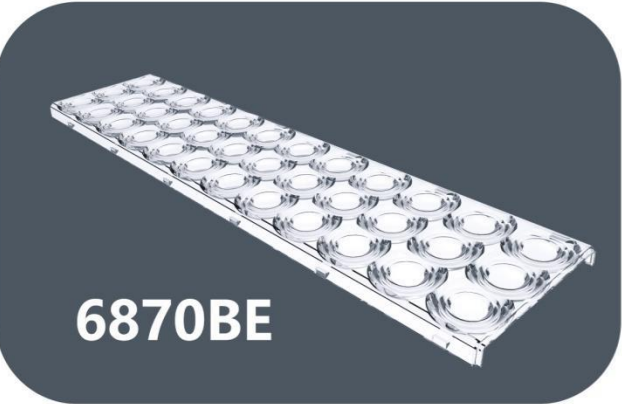
6870AE

OSRAM DRIVER
Epistar LED / Sanan LED

Item	LS6870AE-0626		LS6870AE-1235		LS6870AE-1555		LS6870AE-1565	
CCT	3000k	/	4000k	/	5000k	/	6000k	
CRI	> 80		> 80		> 80		> 80	
IP Rank	40		40		40		40	
Lumen	130lm/w/160lm/w		130lm/w/160lm/w		130lm/w/160lm/w		130lm/w/160lm/w	
Power	26W		35W		55W		65W	
Material	Aluminum		Aluminum		Aluminum		Aluminum	



Item	Length	Description	Material
LS6870AE-06-3X/5X/7X/8X	577mm	3/5/7/8 Core Trunk Rail	Aluminum
LS6870AE-12-3X/5X/7X/8X	1150mm	3/5/7/8 Core Trunk Rail	Aluminum
LS6870AE-15-3X/5X/7X/8X	1437mm	3/5/7/8 Core Trunk Rail	Aluminum



OSRAM DRIVER
Epistar LED / Sanan LED

Item	LS6870BE-0624		LS6870BE-1236		LS6870BE-1552		LS6870BE-1560	
CCT	3000k	/	4000k	/	5000k	/	6000k	
CRI	> 80		> 80		> 80		> 80	
IP Rank	40		40		40		40	
Lumen	130lm/w/160lm/w		130lm/w/160lm/w		130lm/w/160lm/w		130lm/w/160lm/w	
Power	26W		36W		52W		60W	
Material	Aluminum		Aluminum		Aluminum		Aluminum	



Item	Length	Description	Material
LS6870BE-06-3X/5X/7X/8X	577mm	3/5/7/8 Core Trunk Rail	Aluminum
LS6870BE-12-3X/5X/7X/8X	1150mm	3/5/7/8 Core Trunk Rail	Aluminum
LS6870BE-15-3X/5X/7X/8X	1437mm	3/5/7/8 Core Trunk Rail	Aluminum



Item	A(mm)
LS6870AE-06-(3\5\7\8)X	577
LS6870AE-12-(3\5\7\8)X	1150
LS6870AE-15-(3\5\7\8)X	1437

Item	A(mm)
LS6870BE-06-(3\5\7\8)X	577
LS6870BE-12-(3\5\7\8)X	1150
LS6870BE-15-(3\5\7\8)X	1437



Item	B(mm)	C(mm)	D(mm)
LS6870AE-0626	582	577	584.5
LS6870AE-1235	1155	1150	1152.5
LS6870AE-1565	1442	1437	1439.5

Item	B(mm)	C(mm)	D(mm)
LS6870AE-0626	582	577	584.5
LS6870AE-1235	1155	1150	1152.5
LS6870AE-1565	1442	1437	1439.5

- 1 Lighting module
- 2 Socket Module
- 3 Track Rail Module
- 4 Blind cover module
- 5 Escape Sign
- 6 Sensor Module(Daylight & Microwave)



- 7 L Node Connector
- 8 T Node Connector
- 9 X Node Connector
- 10 Feed In Box
- 11 Conduit
- 12 End Cap



Lighting module

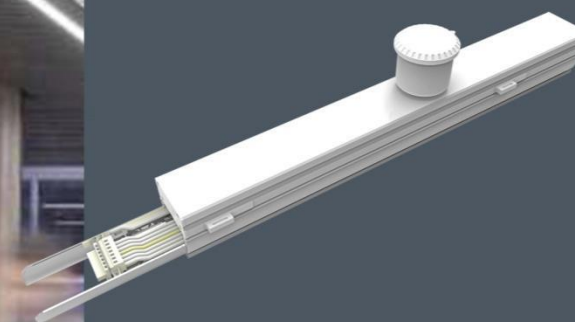
Power : 55W, 60W, 65W,
Dimming : 0-10V, DALI

Track Rail Module

1. The third party equipment is connected into the system as the electric connector of the track spot light, which can provide power and installation position, and reduce the overhead installation cost of the third party equipment;
2. Maintain the unity of the whole system-one, make the whole space effect neat and beautiful.

Blind cover module

When the cascading track splicing does not follow the installation of the lamp body, the corresponding track line slot is closed by using a dummy lamp (blank cover) to prevent the cable from leaking out, so that the overall lighting system is neat and tidy.



Sensor Module(Daylight & Microwave)

- 1: The sensing module needs to be used with the dimming module. Different from manual switch dimming, the use of induction module can realize automatic dimming of the system, high efficiency and energy saving, suitable for office, factory or warehouse.
- 2: The induction is divided into daylight induction and microwave induction.



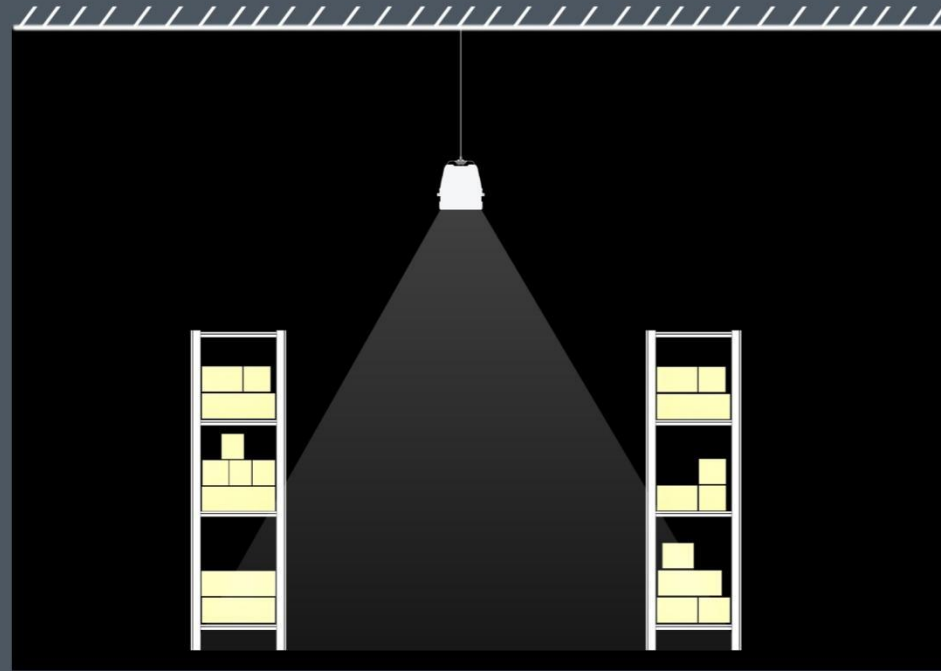
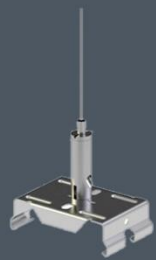
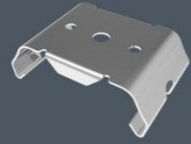
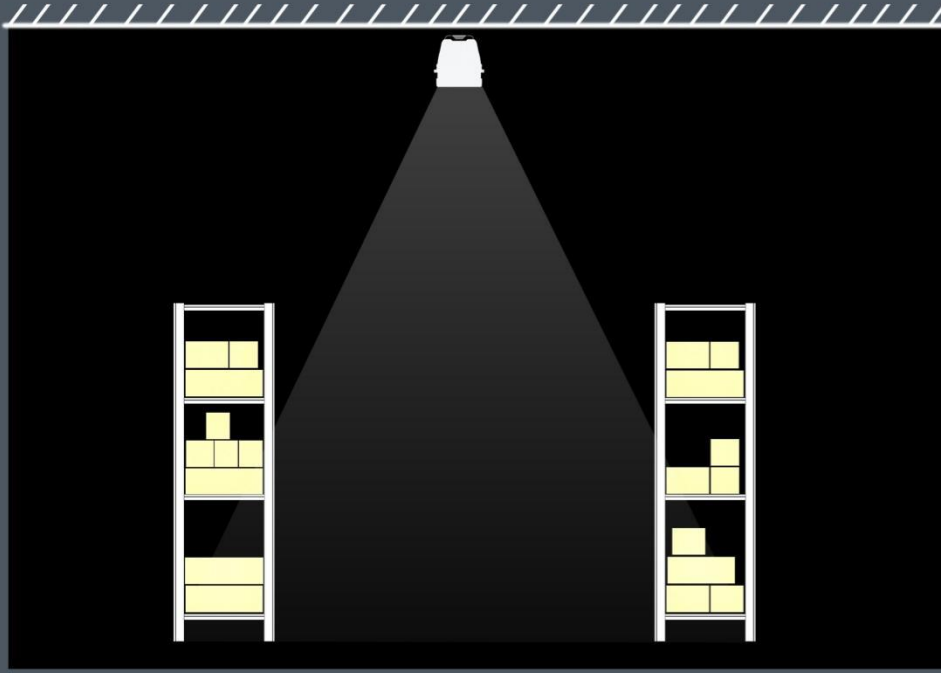
Socket Module

This module allows power to be supplied to third-party appliances from the track trunking.

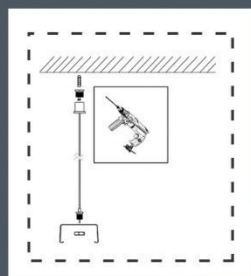


Escape Sign

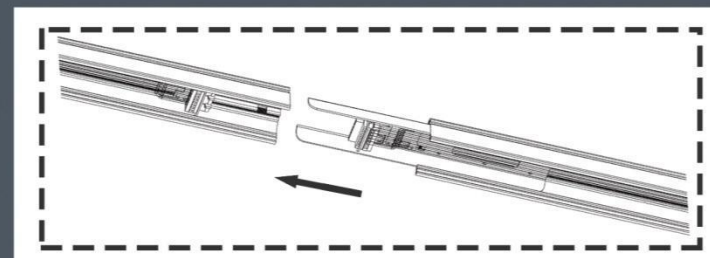
Widely used in shopping malls, supermarkets, hotels, entertainment venues, stations, public buildings and other places for emergency evacuation of lighting instructions.



**2021
LED**
Linear Lighting System



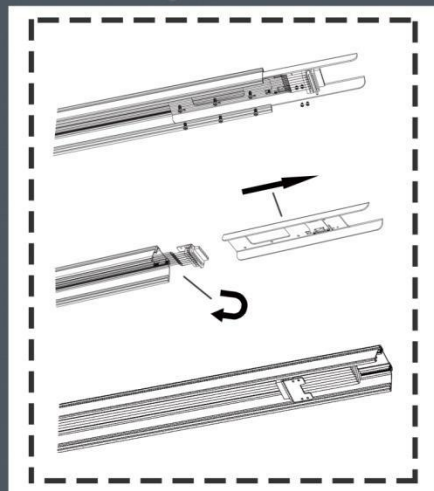
A1 : Hanging Installation Parts



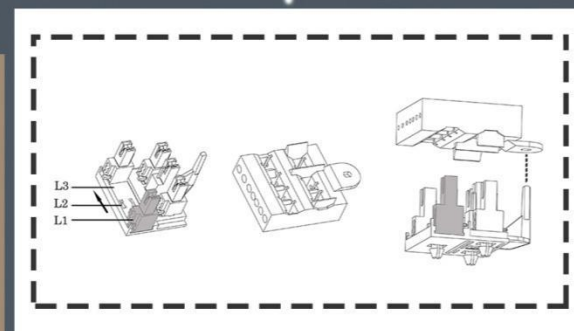
B1 : Splicing tracks, aligning the insertion sites, and then stitching.



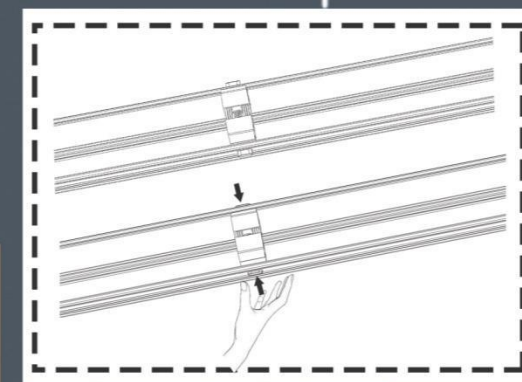
C1 : Install the bellows and connect the corresponding line through the terminal.



D1: Remove the 8 screws on the splicing piece
D2: Remove the splicing piece, Fold the wire and the splicing terminal back into the track



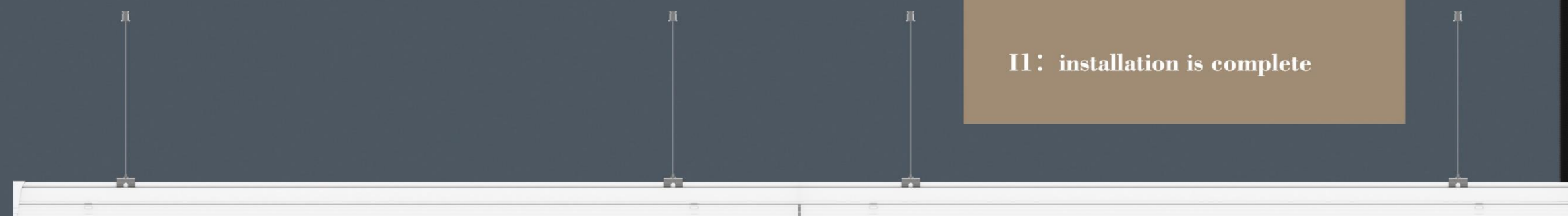
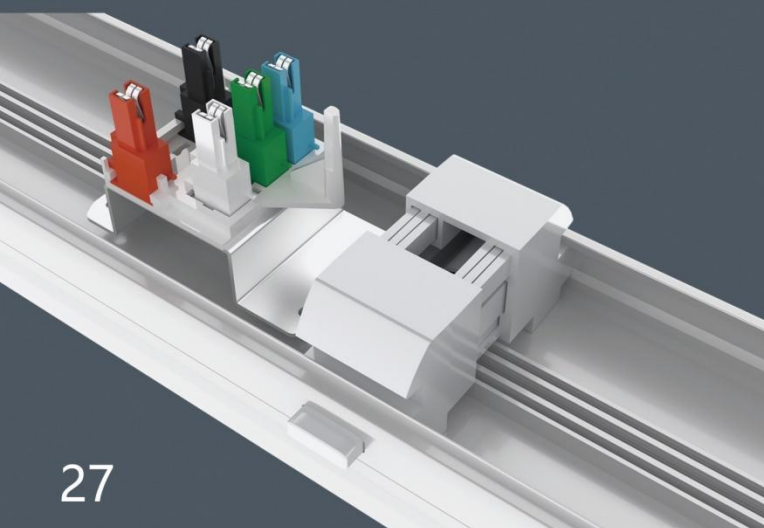
E1 : Slide the plug, select L1, L2, L3 Wire, and then install the lamp body.



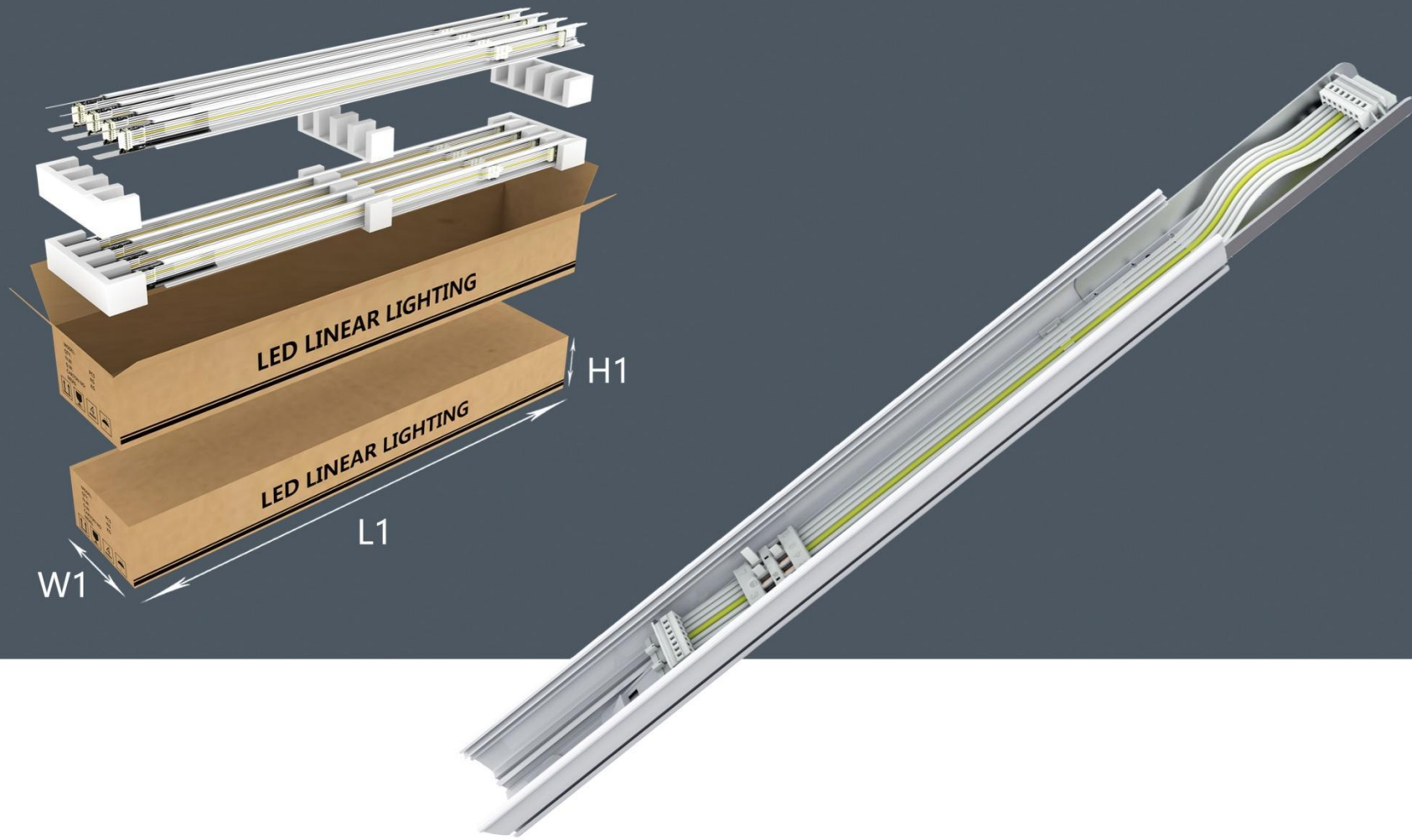
F1 : Push and fix the lamp body into the plug position of the cascade track.



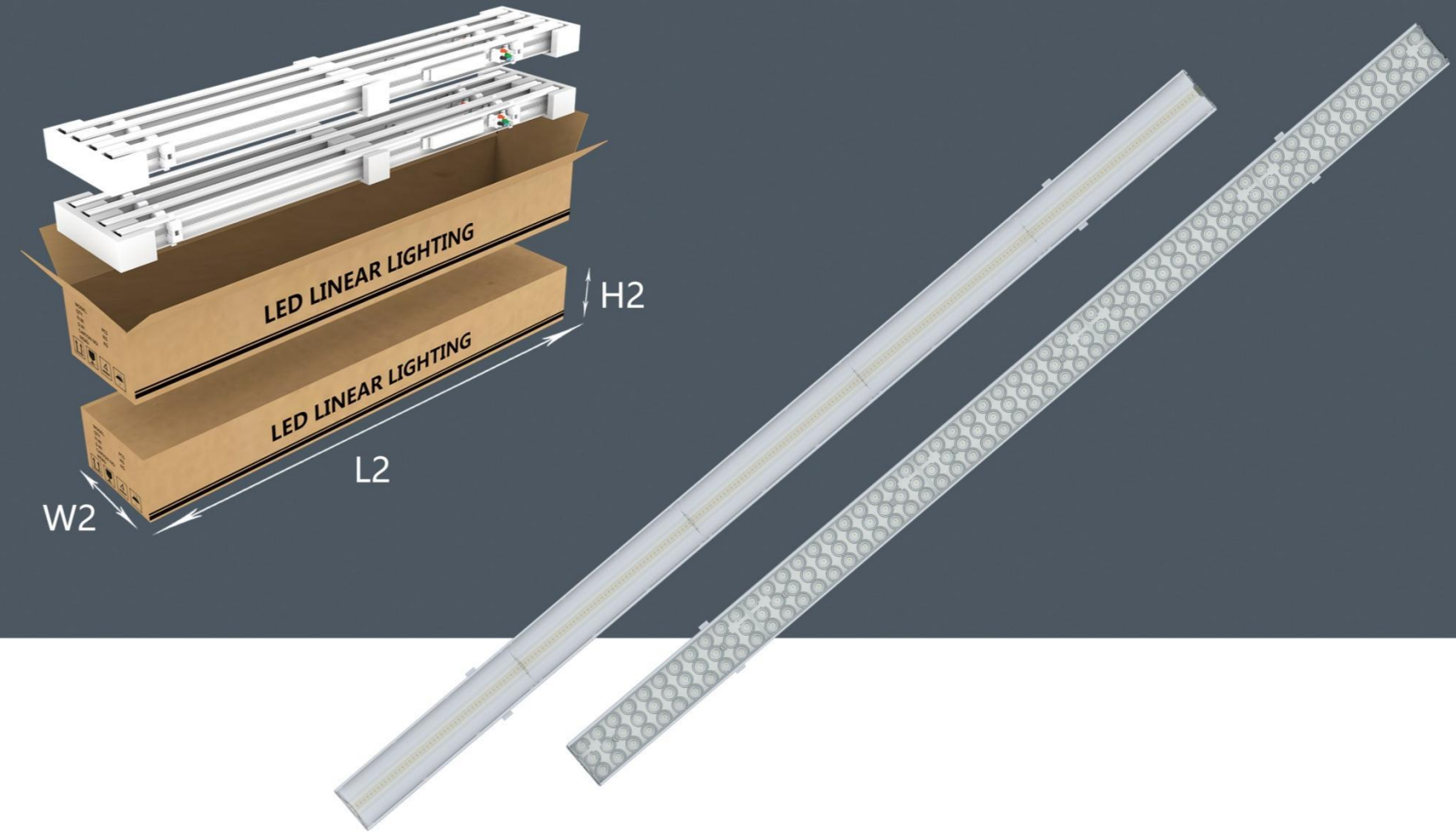
G1: Fix the end cap



H1 : installation is complete



Item	Package Dimension (L1*H1*W1)	N.W	Qty / CTN	G.W
Trunking Rail-0.6m	775*330*200mm	0.75kg	8PCS	7kg
Trunking Rail-1.2m	1345*330*200mm	1.15kg	8PCS	11kg
Trunking Rail-1.5m	1625*330*200mm	1.3kg	8PCS	12kg



Item	Package Dimension (L2*H2*W2)	N.W	Qty / CTN	G.W
LED Linear Light-0.6m	625*330*200mm	0.75kg	8PCS	6.9kg
LED Linear Light-1.2m	1195*330*200mm	1.25kg	8PCS	11.8kg
LED Linear Light-1.5m	1475*330*200mm	1.55kg	8PCS	14.5kg