



The perfect continuous LED linear solution for industry, commercial and other applications.

BEST Linear Trunking System LLC series is not a simple linear light. It is an integrated lighting solution. With its advantages of energy-efficiency, low maintenance costs and convenient installation. It is an ideal alternative to traditional linear fluorescent lights. BEST Lighting System is a modular concept consisting of trunking rails, luminaire inserts and accessories.

Certificates:



## SPECIFICATIONS

Luminaires can be positioned flexibly and the system can be adapted to suit structural alterations at any time. The trunking rail is simply a matter of replacing or adding lighting modules, light sources or optics as required.

We choose 6063 aluminum material for the lamp body. Thermal Conductivity reaches 237 W/m·K



### **1. LIGHT SOURCE**

The fitting is designed to operate a range of LED' s up to 72W. 2835 SMD.

### **2. TRUNKING RAIL**

5, 7 or 11 cores through-wiring with 2.5mm<sup>2</sup> cable cross-section.

### **3.OPTIONS**

Wide, double asymmetric.

### **4. DIMENSIONS**

1140\*68\*69mm/ 1424\*68\*69mm

### **5. MOUNTING**

Suspended or surface mounted; Cord hanger, ceiling mounting clip track spot light.

### **6. APPLICATION**

### **7.Accessories**

### **8.Packing**

## LIGHT SOURCE



160-170lm/W

UGR<19

5 Years Warranty



Switch built in luminaire,  
easy and convenient for  
installation and maintenance

LLC SERIES	Length	Wattage	CRI	Color Temp	Luminous Flux
	1140mm	50W	>80Ra	2700-6500K	8000lm
	1424mm	50W/70W			8000lm/11200lm

**Power Supply(flickering or flicker-free for options)**



**TRIDONIC PHILIPS**

Email: [admin@elightingcn.com](mailto:admin@elightingcn.com)

Tel: +86-20-82787153

[www.elightingcn.com](http://www.elightingcn.com)

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Professional Lighting Solution Manufacturer

Guangzhou Best Electronic Technology Co., Ltd.

## LIGHT SOURCE



Aluminum PCB  
High thermal conductivity  
High pressure resistant

LED Samsung 2835 SMD  
Life time > 54000 hours  
Lm80 Test Report  
CE RoHS CUL Certificate  
Eye Safety Certificate

All system components, trunking rail and luminaire inserts are perfectly matched. Modules can be positioned in the rails with randomly dedined distances according to system dimensions for both trunking rail and individual luminaire installations.

With a color rendering index of  $Ra > 80$ , Color temperatures of 2700K, 3000K, 4000K, 5000K, 5700K and 6000K, it could meet environmental requirements for energy-effcient building and lighting solutions.

For special applications where requests high accuracy of color, such as in museum, printing factory and so on, CRI95 linear series is highly recommended.

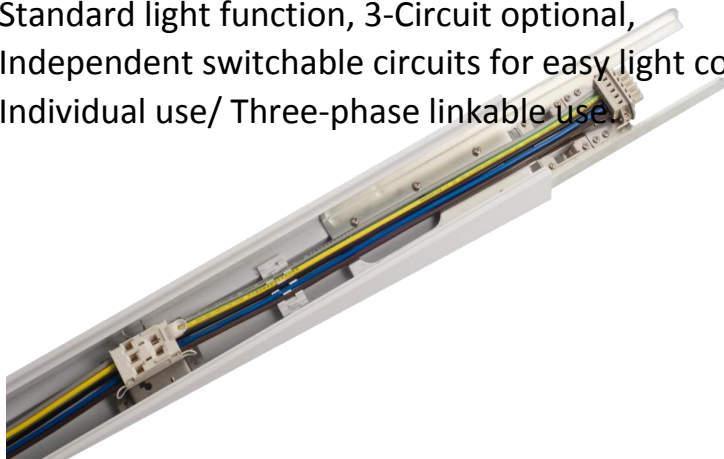
## TRUNKING RAIL



The cable in the trunking with pre-assembled connectors makes it possible to join trunking units without any tools, 3 circuit pre-selection via moving of contact pin prior to installation in rail.

### **5-CORE SYSTEM**

Standard light function, 3-Circuit optional,  
Independent switchable circuits for easy light control,  
Individual use/ Three-phase linkable use.



### **7-CORE SYSTEM**

Standard and dimming function  
Standard and emergency function  
Three-phase linkable use  
Standard and sensor function.

Dimming Function: DALI, 1-10V.

Emergency Lighting Function:  
Built-in battery: 1800mAh/3600mAh(NiMH).

Sensor Function: Microwave.



## TRUNKING RAIL

### **11-CORE SYSTEM**

Standard and dimming function

Standard and emergency function

Standard and dimming function & emergency function

Three-phase linkable use

Standard and sensor function.

Dimming Function: DALI, 1-10V.

Emergency Lighting Function:

Built-in battery: 1800mAh/3600mAh(NiMH).

Sensor Function: Microwave.



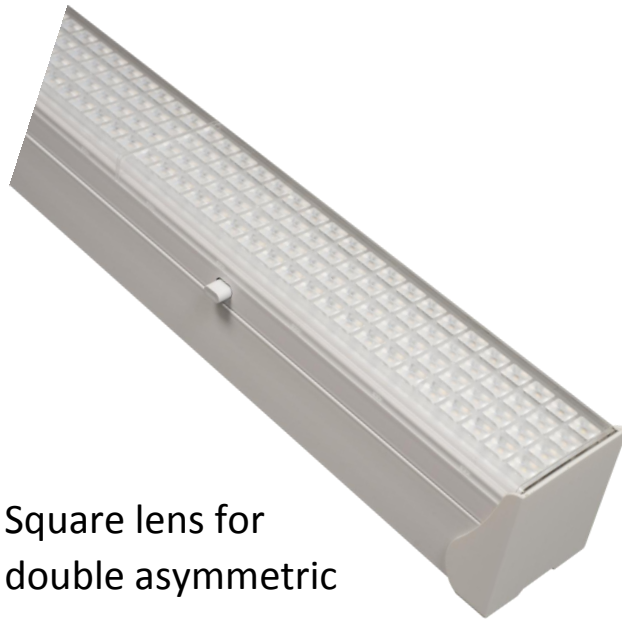
2.5mm<sup>2</sup> cable carrying 16A, we can run maximum 70 meters of continued luminaire under 220V AC with 70W 1424mm luminares each.

For instance, total power of circuit:  $P=UI=220V \times 16A=3520W$ .

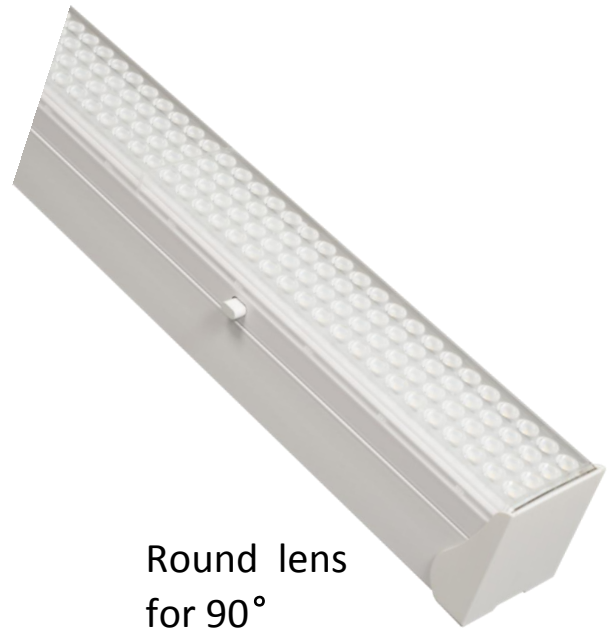
Total quantity of luminaire it could bear  $3520W/70W=50$ units.

Total length:  $1.4 \times 50 \approx 70$ meters.

## OPTIONS



Square lens for  
double asymmetric



Round lens  
for 90°

**LENS: PMMA material**

**High transparency**

**Fireproofing**

Different optics for different distributions:

For special applications where required low UGR, normally, it works with wide 90°

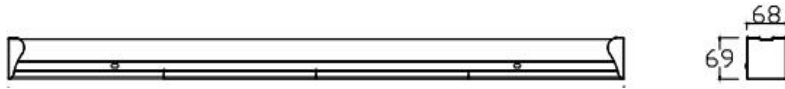


wide 90°

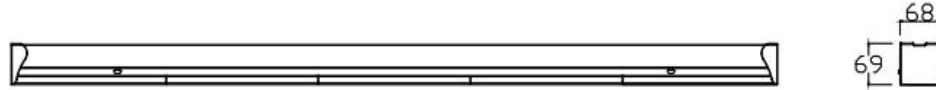


Double Asymmetric

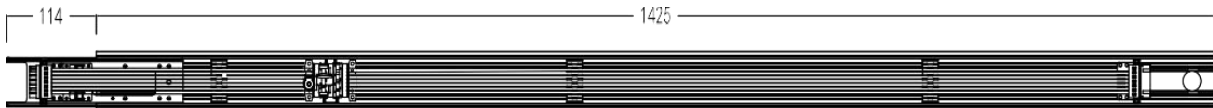
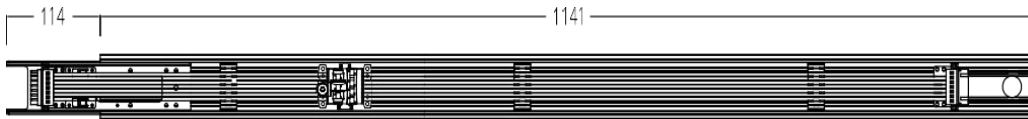
## DIMENSION



1.2M (1141\*68\*69mm)

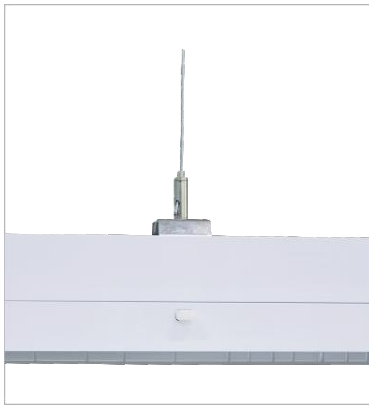
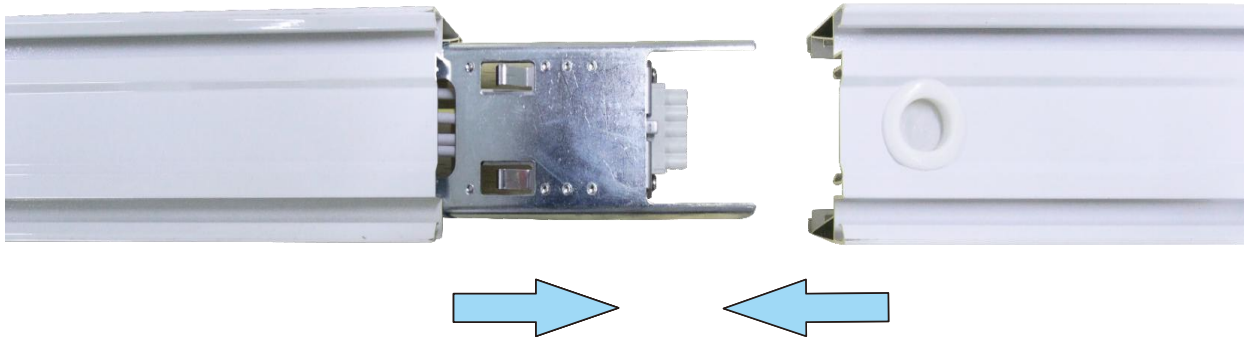


1.5M (1424\*68\*69mm)





## MOUNTING



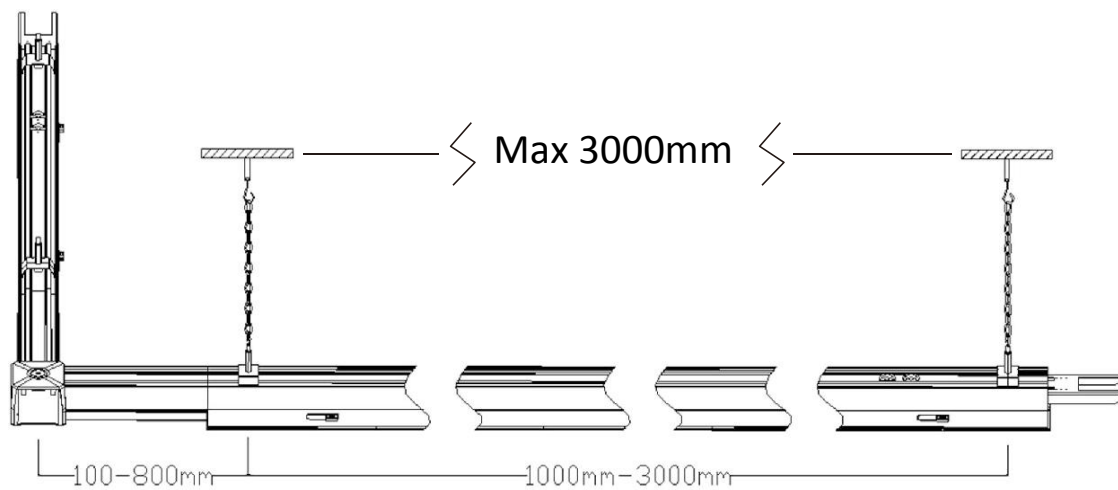
Suspended Cord



Suspended Chain



Surface Mounted



## TRACK SPOT LIGHT MODULAR

We also supply LED track lights. The track lights as below are our new models. If you have any need of them, please feel free to contact us.



	Wattage	LED, Driver	Color	Light efficiency
<b>BST-TL-S</b>	20W 30W 37W	Lumileds chip, Lufid flicker free driver	Black White	120-130lm/W



	Wattage	LED, Driver	Color	Light efficiency
<b>BST-TL-G</b>	20W 30W 37W	Lumileds chip, Lufid flicker free driver	Black White	110lm/W



	Wattage	LED, Driver	Color	Light efficiency
<b>BST-TL-A Zoomable</b>	10W 20W 30W 37W	CITIZEN chip, Allooking flicker free driver	Black White	95lm/W

## APPLICATION

Linear Trunking System Lights can be applied to various projects, such as supermarket, warehouse, stadium, factory etc.



(Project pictures above are from our customers. Without permission, shall not be reproduced.)



## APPLICATION



DIALux files, IES files can be provided for your lighting projects.

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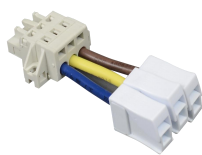
Tel: +86-20-82787153

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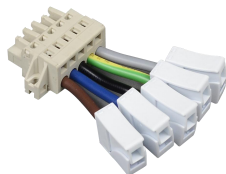
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## ACCRSSORIES

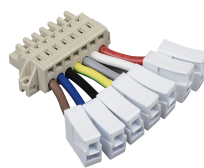
### Power feed-in connector



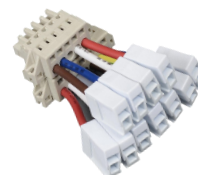
3wires



5wires

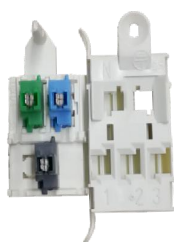


7wires

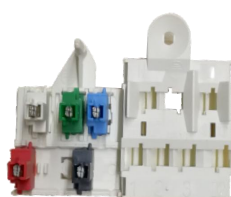


11wires

### Phase selection part



3/5 core



7 core



11 core

### Mounting Accessories



Surface-



Suspension cord



Suspension

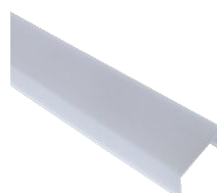
### Others



End Cup



Cable Gland



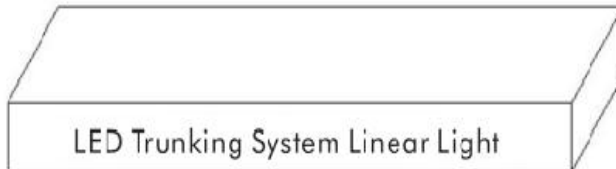
Blank Cover



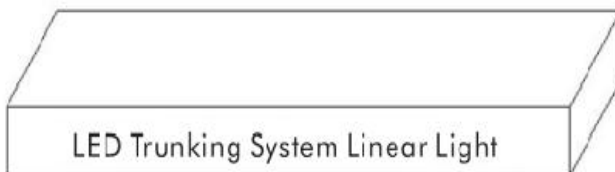
"I" shapr  
Connetor

## PACKAGE

### With linkable parts

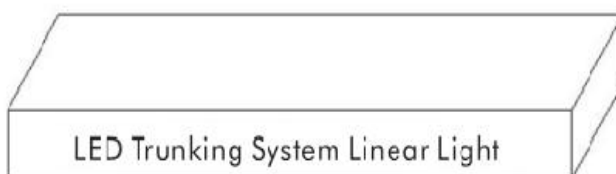


Size:  
1352\*447\*135mm  
Weight: 17KG  
5PCS/Carton

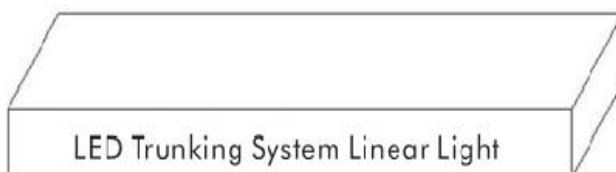


Size:  
1632\*447\*135mm  
Weight: 20.5KG  
5PCS/Carton

### Without linkable parts



Size:  
1215\*447\*145mm  
Weight: 16KG  
5PCS/Carton



Size:  
1515\*447\*145mm  
Weight: 19.5KG  
5PCS/Carton