BEST LA01 SERIES TRUNKING SYSTEM

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

BEST Linear Trunking System LA01 series is not a simple light, it is a 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 in a varriety of industral and commercial applications. BEST Lighting System is a modular concept consisting of trunking rails, luminaire inserts and accessories.

Certificates:

CE ✓RoHS C

SPECIFICATIONS

The BEST-LLA01 trunking system for challenging lighting demands in all applications. With fully compatible modular kit, it adapts individually to complex lighting tasks. All functions such as power supply and lighting control are integrated into this multi functional trunking. 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 use 6063 Aluminum material for the lamp body. Thermal Conductivity reaches 237 W/m·K

1. TRUNKING RAIL
   Trunking rail is standard with 3, 5, 7 or 11 cores through-wiring with 2.5mm² cable cross-section. Separate power supplies, dimming or emergency supply can be integrated with the 7 cores wiring.

2. LIGHT SOURCE
   The fitting is designed to operate a range of LED's up to 75W. 2835 SMD.

3. OPTICS
   Narrow, wide distribution, right/left/double asymmetric available.

4. DIMENSIONS
   1140mmx68mmx80mm /1424mmx68mmx80mm.

5. MOUNTING
   Suspended or surface mounted.
   cord hanger, ceiling mounting clip
   track spot light.

6. APPLICATION
   Suitable for indoor use only.

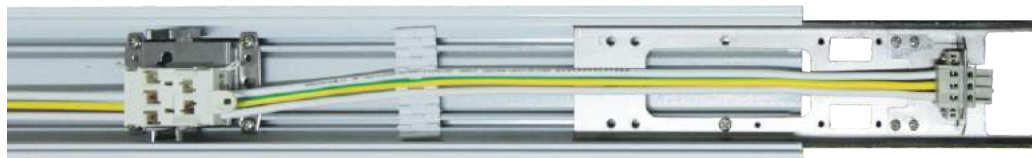7. Accessories

8. Packing

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.

● 3-CORE SYSTEM
  Standard function: L, N, G.
  Individual use/ Single-phase linkable use.

● 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.

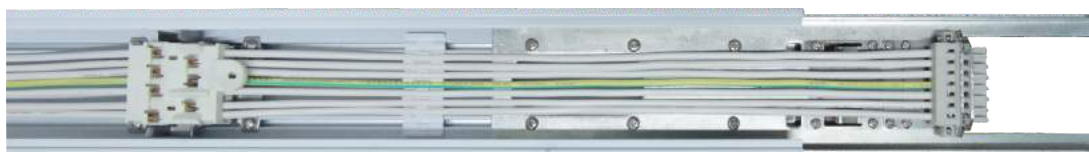 Dimming Function:
  DALI, 1-10V.

  Emergency Lighting Function:
  1. Built-in battery:1800mAh/3600mAh(NiMH).
 2. External emergency supply: generator, central UPS.

TRUNKING RAIL

● 11-CORE SYSTEM

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

Dimming Function:
DALI, 1-10V.

Emergency Lighting Function:
1. Built-in battery:1800mAh/3600mAh(NiMH).
2. External emergency supply: generator, central UPS.

2.5mm² cable carrying 16A, we can run maximum 65 meters of continued luminaire under 220V AC with 70W 1424mm lumiaires each.

For instance, total power of circuit: $P=UI=220V \times 16A=3520W$.
Total quantity of lumiaire it could bear 3520W/75W=46units.
Total length:1.4x46≈65meters.

LIGHTING
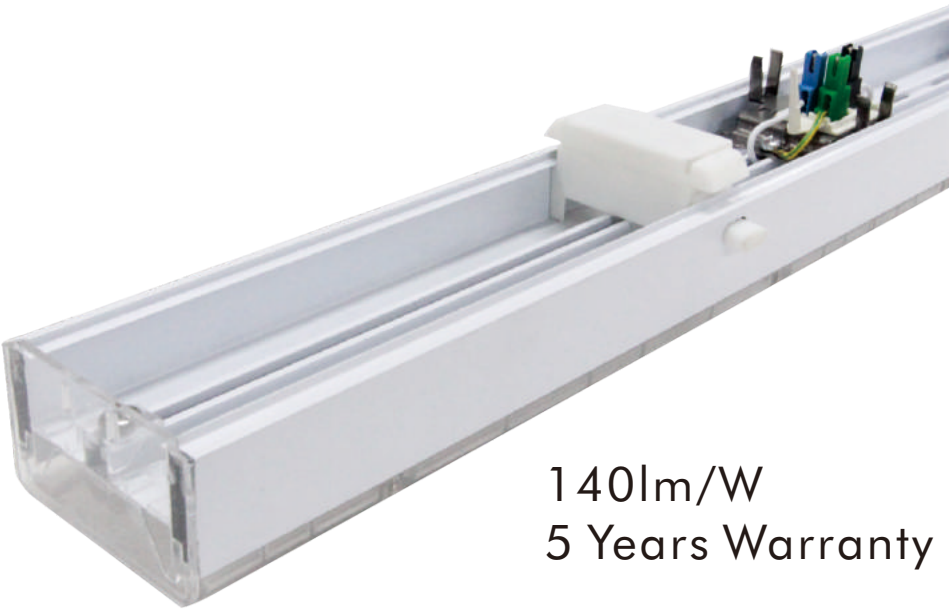
140lm/W
5 Years Warranty

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

	Length	Wattage	CRI	Colour Temp	Luminous Flux
LA01 series	1140mm	35W/50W	>80Ra	2700-6500K	4900lm/7000lm
	1424mm	35W/50W/70W			4900lm/7000lm/9800lm

Power Supply (flickering or flickering-free for your options)

TRIDONIC   **PHILIPS**   **LiFud**   **OSRAM**
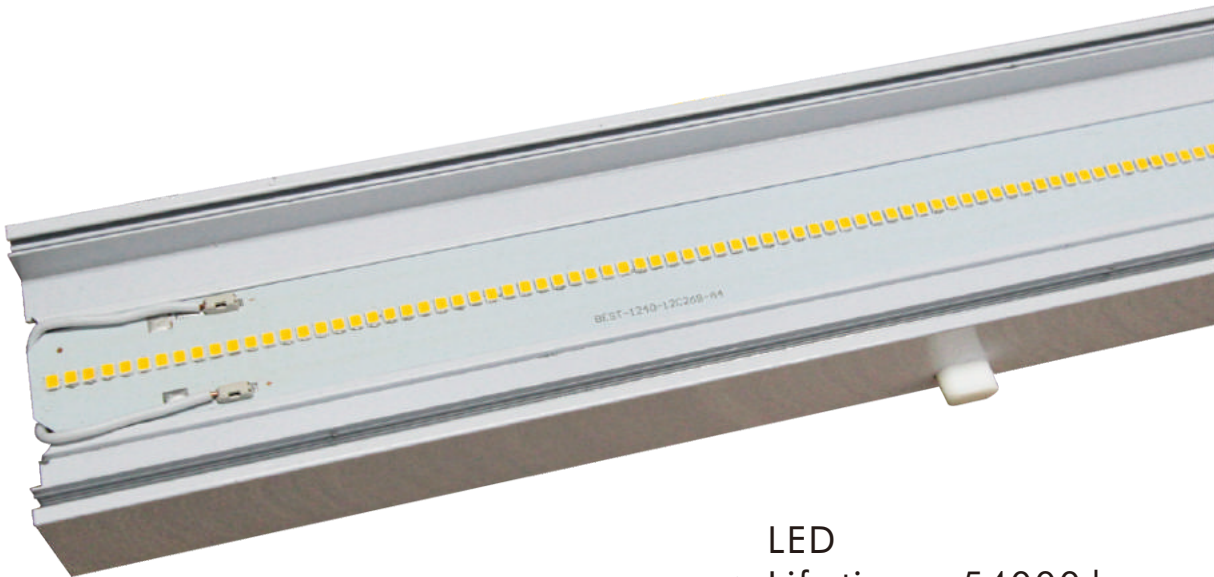
LED
- Life time > 54000 hours
- Lm80 Test Report
- UL RoHS CUL Certificate
- Eye Safety Certificate

Aluminum PCB
- High thermal conductivity
- High pressure resistant

All system components, trunking rail and luminaire inserts are perfectly matched. Modules can be positioned in the rails with randomly defined 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-efflcient 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.
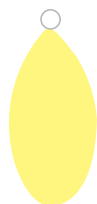
LIGHTING

LENS
- PMMA material
- High transparency
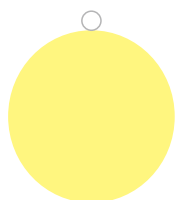- Fireproofing

Different optics for different distributions

Narrow
(30°)

Narrow
(60°)
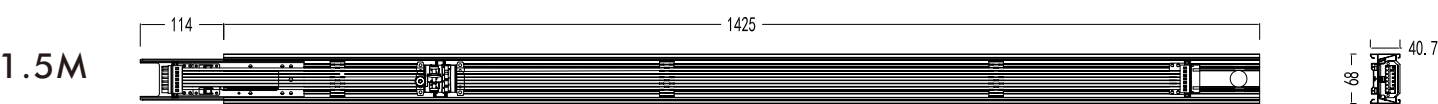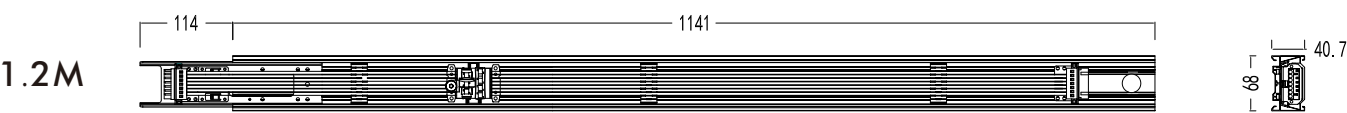
Wide
(90°)
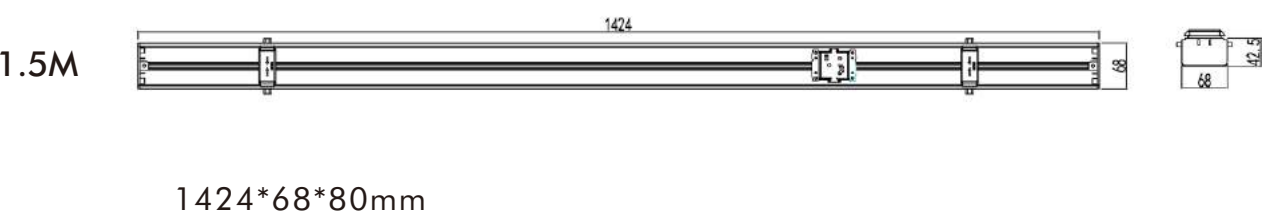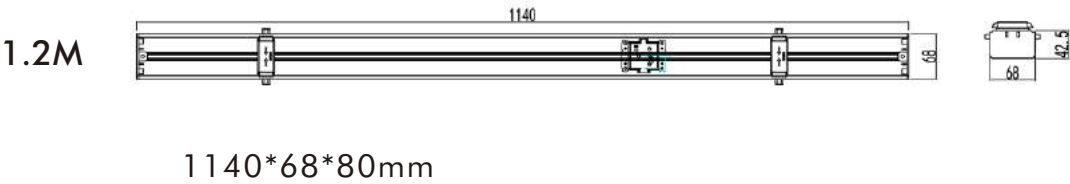
Flat
(120°)

Right/Left
Asymmetric

(Double Asymmetric)

DIALux evo DIALux files, IES files can be provided for your lighitng projects

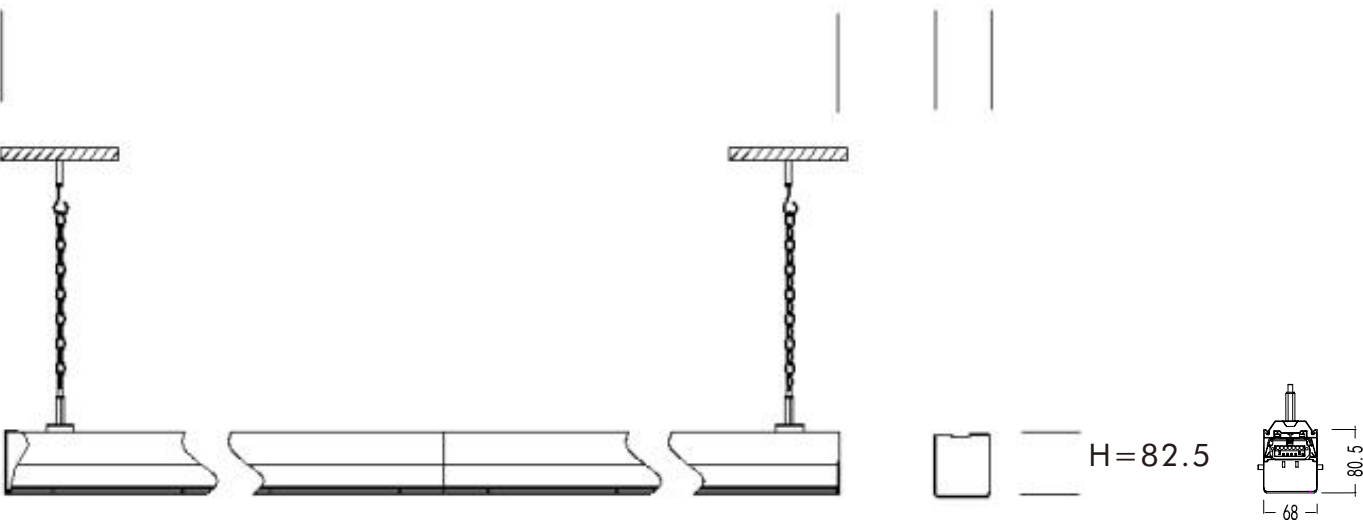For special applications where required low UGR, normally, it works with wide 90°
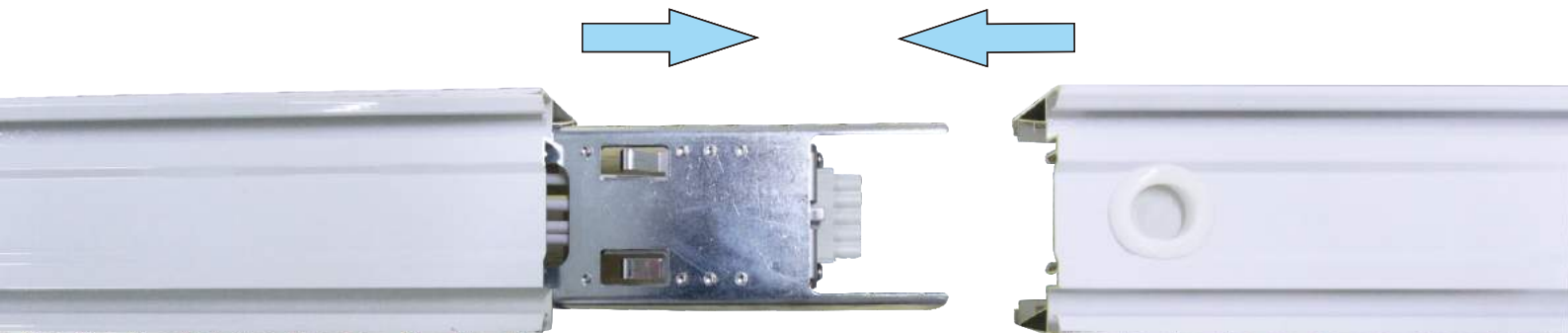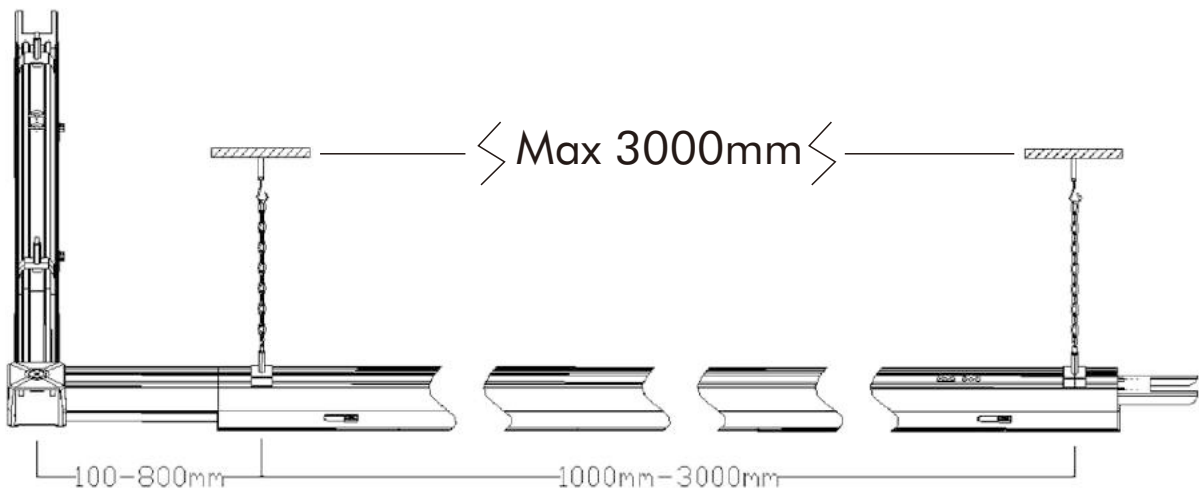
DIMENSION

1.2M

1140

68

68

42.5

1140*68*80mm

1.5M

1424

68

68

42.5

1424*68*80mm

1.2M

114

1141

68

40.7

1.5M

114

1425

68

40.7

Unit: mm

L=1140/1424

W=73

H=82.5

80.5

68

MOUNTING

SUSPENDED CORD

SURFACE MOUNTED

SUSPENDED CHAIN

Max 3000mm

100-800mm   1000mm-3000mm

We also supply LED track lights as bellow. If you have any need of them, please feel free to contact us.

BST-TL-A

Light colour 2700-5000K	Driver Topxin	Light efficiency 100lm/W	Beam 15° 24° 38° 60°
Wattage 10w 20w 30w 10w	LED CREE Citizen	Wire Three-phase 4 wire	Colours Black White

BST-TL-C01
Zoomable

Light colour 2700-5000K	Driver Lifud(no flickering)	Light efficiency 100lm/W	Beam 16°-60°
Wattage 10w 20w 30w 37w	LED CREE Citizen	Wire Three-phase 4 wire	Colours Black White

BST-TL-C

Light colour 2700-5000K	Driver Lifud(no flickering)	Light efficiency 100lm/W	Beam 12° 24° 38° 60°
Wattage 10w 20w 30w 37w	LED CREE Citizen	Wire Three-phase 4 wire	Colours Black White

(Following project pictures are from our customers)

ACCESSORIES

Power feed-in connector
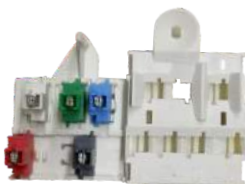
3 wire	5 wire	7 wire

Phase selection part

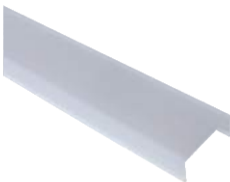| 3/5 core	7 core	11 core

For electrical connecting luminaire with trunking rail
3/5/7/11 pins socket part and "L" pin for phase selesion

End cap	Cable gland	Blank cover

Mounting accessories

Surface-mounted	Suspension cord	Suspension chain

Node connectors

"I" node

With linkable parts

Size: 1352*447*135mm
Weight: 14KG
5PCS/Carton

LED Trunking System Linear Light
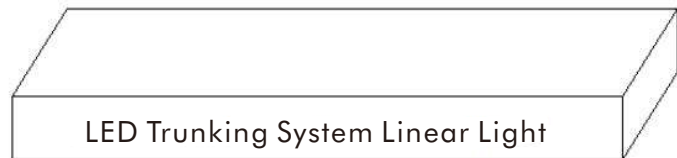
Size: 1632*447*135mm
Weight: 17.5KG
5PCS/Carton

LED Trunking System Linear Light
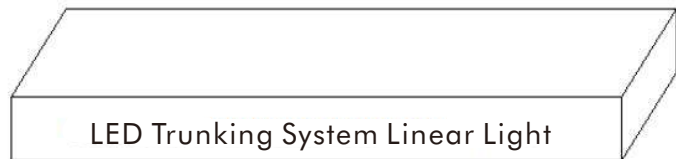
Without linkable parts

Size: 1215*447*145mm
Weight: 13KG
5PCS/Carton

LED Trunking System Linear Light
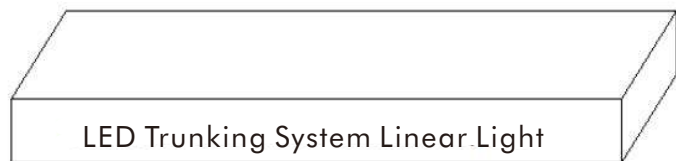
Size: 1515*447*145mm
Weight: 16.5KG
5PCS/Carton

LED Trunking System Linear Light