LEDstar

LEDSTAR LIGHTING CO., LTD
深圳市雷斯达光电科技有限公司

LEDstar

LEDSTAR LIGHTING CO., LTD

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Company Profile

LEDSTAR Lighting CO., LTD. was founded in 2009 and is a ISO9001:2008 and ISO 14001 certificated and registered company. Currently there are over 160 employees and a fabrication area of more than 7800sq. meters. High-grade materials and state-of-the-art equipments are utilized throughout the manufacturing process of our products. The entire production process is supervised by professional personal, every product undergoes multiple QC stages to ensure optimum performance and functionality.

LEDSTAR is a professional manufacturer of LED Tube, Panel Light and Ceiling Light etc., and has become a dependable leading player in LED industry. We devoted to developing new products at the cutting edge of LED technology. By now, our LED products are certificated by CE, ERP, TUV, RoHS. The experts at our R&D department are specialized in all areas from electronics, components, thermal management and optics to industrial design. More than 2 brand new designs are created and over 10 special proudcts for clients are customized monthly. Each one of our designs strictly follows the UL and EU electrical safety standards. In most cases prototypes of custom designs can be submitted to customers in only 3 days.

Our excellent international sales and after-sale team is at your service and will take good care of you, and all of our valued customers.

Certificate

Advantages

- New Technology, 330° wider beam angle
- Glass Cover, better heat dissipation
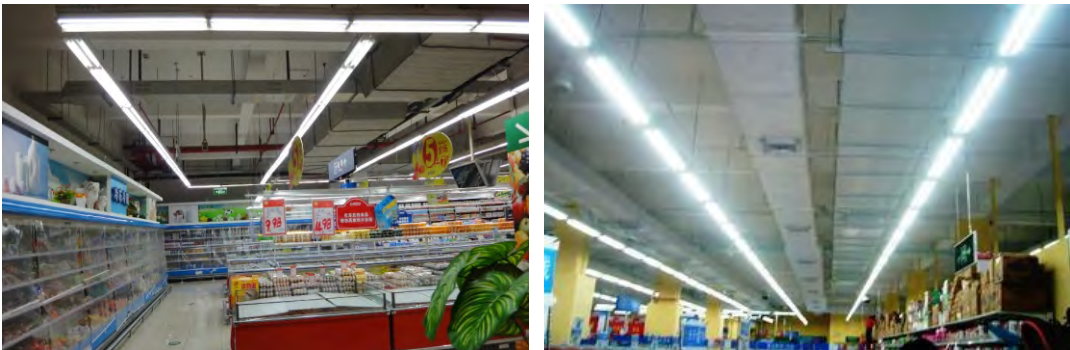- Epistar/Sanan SMD2835, >110lm/W
- Color Brilliancy

50K Hrs LIFE SPAN

3 Years WARRANTY

Basic Data

LED	SMD2835	Brightness	110lm/W	Input	AC85-265V
CCT	2700-6500K	CRI	>85Ra/75Ra	Frequency	50/60Hz
Beam Angle	330°	Cover	Milky Glass	PF	≥0.97

Models

Model	Length	Input	LEDType	LEDQty	Power	Lumens
LSD009WIIG13-330°	60cm	AC85V-265V	SMD2835	48pcs	9W	990 lm
LSD015WIIG13-330°	90cm	AC85V-265V	SMD2835	72pcs	15W	1650 lm
LSD018WIIG13-330°	120cm	AC85V-265V	SMD2835	96pcs	18W	1980 lm
LSD022WIIG13-330°	150cm	AC85V-265V	SMD2835	120pcs	22W	2420 lm

Features

1. Uniform illuminous,which is effectively to relieve fatigue of eyes.
2. With wider beam angle,more light is utilized for wider space.
3. Adopt special glass as cover, high color transmitance, not become yellowish.
4. Rational construction makes good heat dissipation.
5. Latest technology and finely processed.
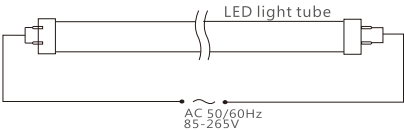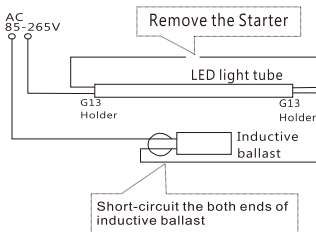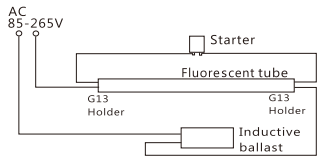6. Non-flashing driver (AC180V-260V/AC90V-130V) is available.

Dimensions

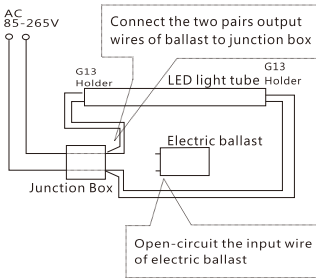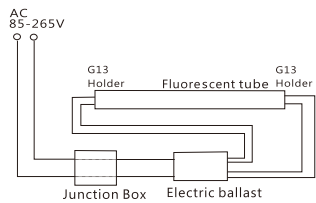| 588mm 7mm	894mm 7mm	1198mm 7mm	1498mm 7mm
60CM	90CM	120CM	150CM

Light Distribution

Installation Guide

⚠ CAUTION
1. Led Tube work without the starter or ballest
2. Must remove the starter or ballest before power the Led tube

LED light tube

AC 50/60Hz 85-265V

1. Lamp holder with starter

AC 85-265V
Starter
Fluorescent tube
G13 Holder   G13 Holder
Inductive ballast

AC 85-265V
Remove the Starter
LED light tube
G13 Holder   G13 Holder
Inductive ballast
Short-circuit the both ends of inductive ballast

2. Lamp holder with electrical ballest

AC 85-265V
G13 Holder   Fluorescent tube   G13 Holder
Junction Box   Electric ballast

AC 85-265V
Connect the two pairs output wires of ballast to junction box
G13 Holder   LED light tube   G13 Holder
Electric ballast
Junction Box
Open-circuit the input wire of electric ballast

Advantages

● Epistar/Sanan SMD2835

● Super Brightness, >105lm/W

● Perfect Color Consistency

● High CRI >85Ra

50K Hrs LIFE SPAN

3 Years WARRANTY

Basic Data

LED	SMD2835	Brightness	105LM/W	Input	AC85-265V
CCT	2700-6500K	CRI	>85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120/150°	Cover	Clear/Milky	PF	>0.97

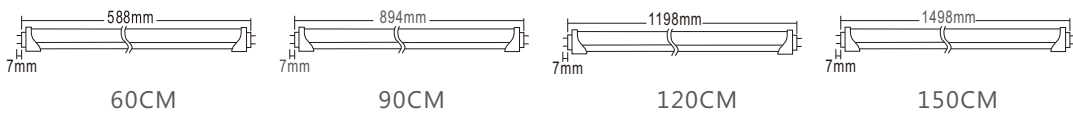Dimmable driver is available, 10%-100% adjustable.

Models

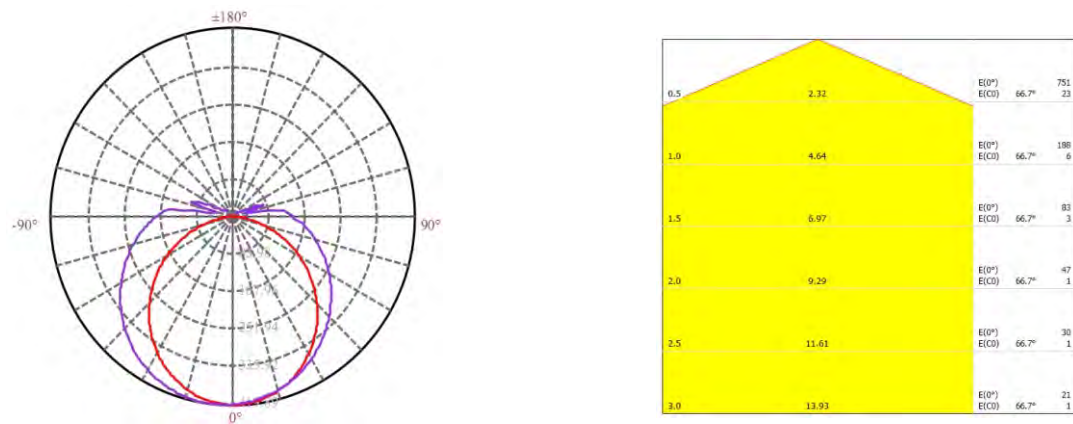| Model	Length	Input	LEDType	LEDQty	Power	Lumens
LSD009WIIG13	60cm	AC85-265V	SMD2835	48pcs	9W	945 lm
LSD015WIIG13	90cm	AC85-265V	SMD2835	72pcs	15W	1575 lm
LSD018WIIG13	120cm	AC85-265V	SMD2835	96pcs	18W	1890 lm
LSD023WIIG13	150cm	AC85-265V	SMD2835	120pcs	23W	2415 lm

Features

1. Adopt Epistar/Sanan, pure color temperature with exact color consistency.
2. Imported aluminum and PC cover, good heat dissipation.
3. Driver is with high PF and IC design, 105° electrolytic capacitor, long lifespan.
4. Uniform illminous, no dark spot.
5. IES data / DIALUX design is affordable for required project.
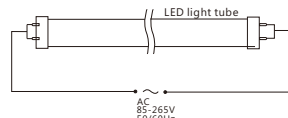
Dimensions

588mm 7mm 60CM

894mm 7mm 90CM

1198mm 7mm 120CM

1498mm 7mm 150CM

Light Distribution

E(0°) E(C0)	66.7°	751 23
E(0°) E(C0)	66.7°	186 6
E(0°) E(C0)	66.7°	83 3
E(0°) E(C0)	66.7°	47 1
E(0°) E(C0)	66.7°	30 1
E(0°) E(C0)	66.7°	21 1

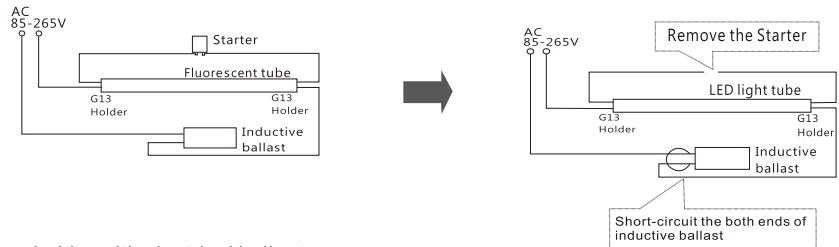0.5 2.32
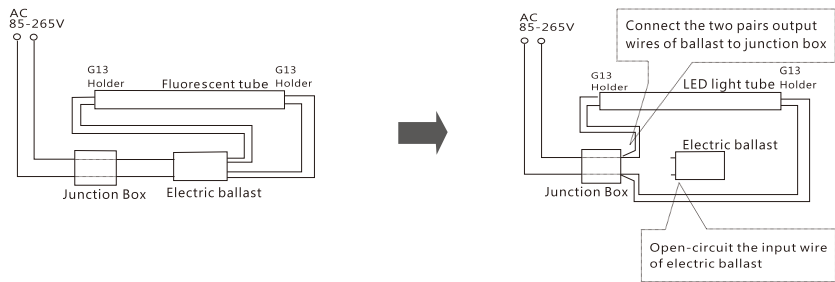1.0 4.64
1.5 6.97
2.0 9.29
2.5 11.61
3.0 13.93

Installation Guide

CAUTION
1. Led Tube work without the starter or ballest
2. Must remove the starter or ballest before power the Led tube

LED light tube
AC 85-265V 50/60Hz

1. Lamp holder with starter

AC 85-265V — Starter — Fluorescent tube — G13 Holder — Inductive ballast

AC 85-265V — Remove the Starter — LED light tube — G13 Holder — Inductive ballast — Short-circuit the both ends of inductive ballast

2. Lamp holder with electrical ballast

AC 85-265V — G13 Holder — Fluorescent tube — G13 Holder — Junction Box — Electric ballast

AC 85-265V — Connect the two pairs output wires of ballast to junction box — G13 Holder — LED light tube — G13 Holder — Electric ballast — Junction Box — Open-circuit the input wire of electric ballast

Advantages

- Radar Multi-functional
- Durable in Use
- 0%~100% adjustable
- Energy Saving

180°
10m

50K Hrs
LIFE SPAN

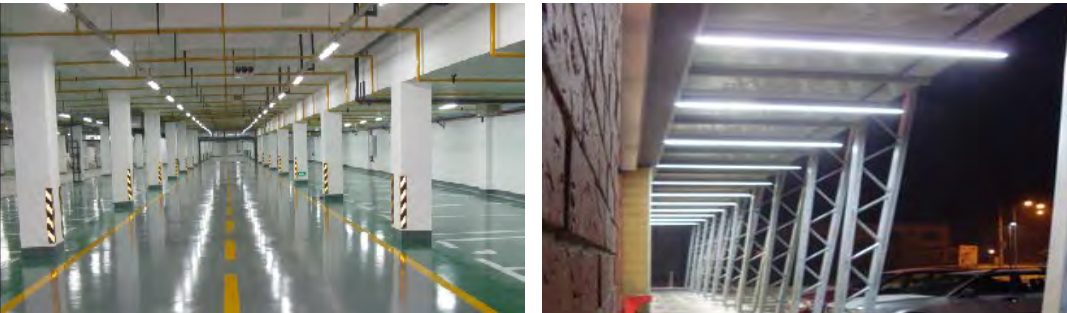3 Years
WARRANTY

Basic Data

LED	SMD2835	Brightness	100lm/W	Input	AC85-265V
CCT	2700-6500K	CRI	＞85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120/150°	Cover	Clear/Milky	PF	＞0.95

Models

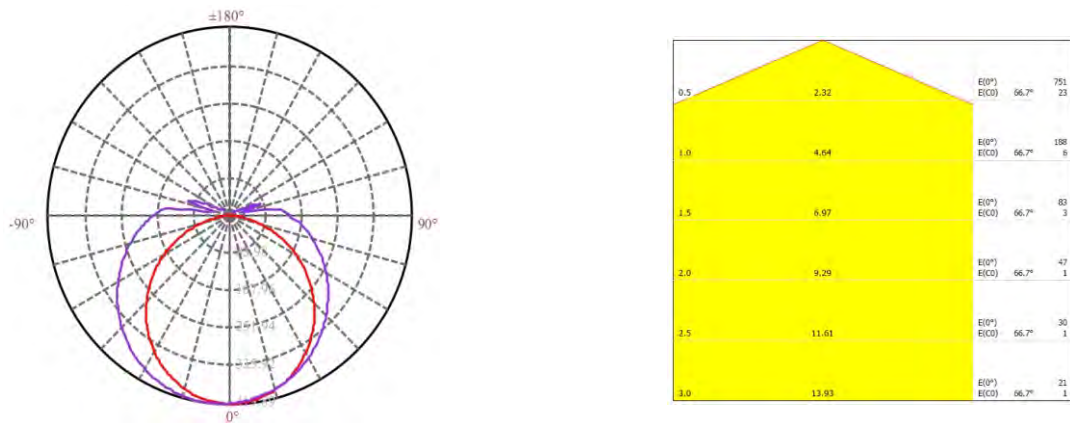| Model	Length	Input	LEDType	LEDQty	Power	Lumens
LSD009WIIG13-R	60cm	AC85V-265V	SMD2835	48pcs	9W	900 lm
LSD015WIIG13-R	90cm	AC85V-265V	SMD2835	72pcs	15W	1500 lm
LSD018WIIG13-R	120cm	AC85V-265V	SMD2835	96pcs	18W	1800 lm
LSD020WIIG13-R	150cm	AC85V-265V	SMD2835	120pcs	20W	2000 lm

Features

1. Microwave control, test moving object intelligently, auto-adjust work status.
2. Low power consumption in standby status, when people approach, adjust to full load automaticlly.
3. 0%-100% brightness & power is adjustable in standby status.
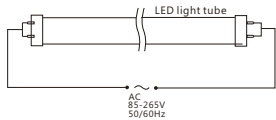4. Action sensitivity: 180°, ≤10m.

Dimensions

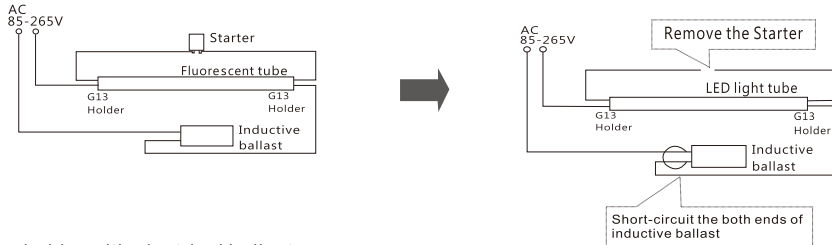| 588mm	894mm	1198mm	1498mm
7mm	7mm	7mm	7mm
60CM	90CM	120CM	150CM

Light Distribution

±180°
-90°   90°
0°

Installation Guide

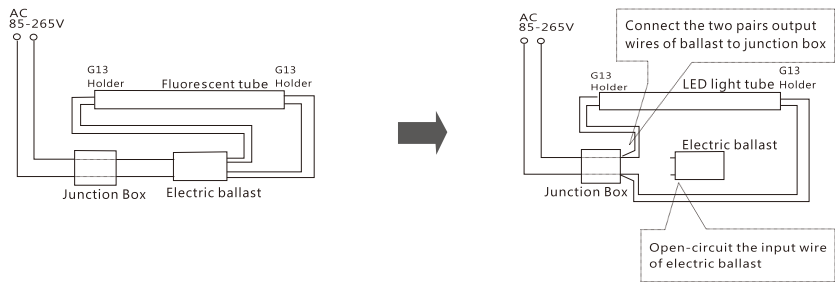⚠ CAUTION
1. Led Tube work without the starter or ballest
2. Must remove the starter or ballest before power the Led tube

LED light tube
AC 85-265V 50/60Hz

1. Lamp holder with starter

AC 85-265V
Starter
Fluorescent tube
G13 Holder   G13 Holder
Inductive ballast

AC 85-265V
Remove the Starter
LED light tube
G13 Holder   G13 Holder
Inductive ballast
Short-circuit the both ends of inductive ballast

2. Lamp holder with electrical ballest

AC 85-265V
G13 Holder   Fluorescent tube   G13 Holder
Junction Box   Electric ballast

AC 85-265V
Connect the two pairs output wires of ballast to junction box
G13 Holder   LED light tube   G13 Holder
Electric ballast
Junction Box
Open-circuit the input wire of electric ballast

Advantages

- PIR Multi-functional
- Durable in Use
- 0%~100% adjustable
- Energy Saving

Max. 120°
3-5m

50K Hrs LIFE SPAN
3 Years WARRANTY

Basic Data

LED	SMD2835	Efficiency	100LM/W	Input	AC85-265V
CCT	2700-6500K	CRI	≥ 85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120/150°	Cover	Clear/Milky	PF	≥0.95

Models

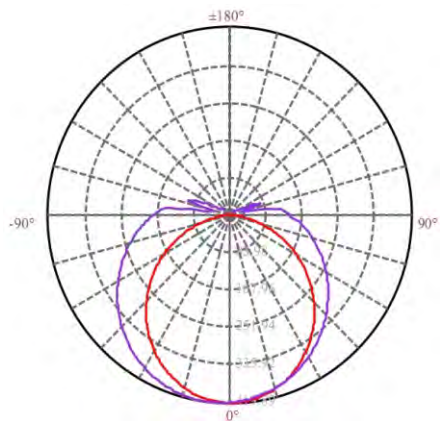| Model	Length	Input	LED Type	LED Qty	Power	Lumens	Color
LSD009WIIG13-PIR	60cm	AC85~265V	SMD2835	48pcs	9W	900lm	W/WW
LSD015WIIG13-PIR	90cm	AC85~265V	SMD2835	72pcs	15W	1500lm	W/WW
LSD018WIIG13-PIR	120cm	AC85~265V	SMD2835	96pcs	18W	1800lm	W/WW
LSD020WIIG13-PIR	150cm	AC85~265V	SMD2835	120pcs	20W	2000lm	W/WW

Features

1. Infrared controll, test ambient temperature intelligently, auto-adjust work status
2. Low power consumption in standby status, when people approach, adjust to full load automaticlly.
3. 0%-100% brightness&power adjustable in standby static
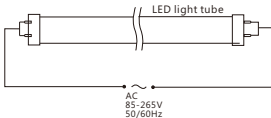4. Action sensitivity: 120°, ≤5m

Dimensions

588mm 7mm — 60CM
894mm 7mm — 90CM
1198mm 7mm — 120CM
1498mm 7mm — 150CM

Light Distribution

±180°
-90° / 90°
0°

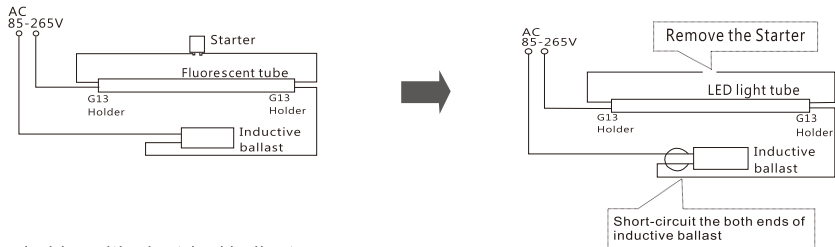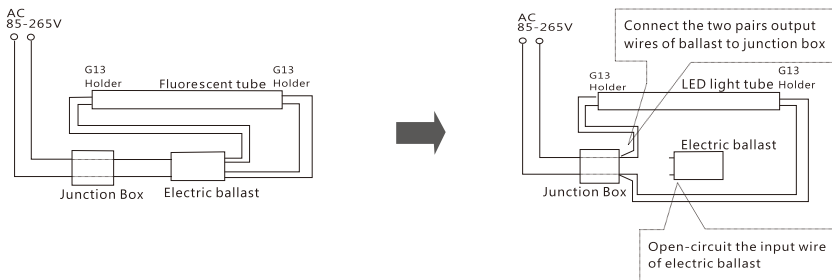|		
0.5	2.32	E(0°) E(C0) 66.7° 751 23
1.0	4.64	E(0°) E(C0) 66.7° 198 8
1.5	6.97	E(0°) E(C0) 66.7° 83 3
2.0	9.29	E(0°) E(C0) 66.7° 47 1
2.5	11.81	E(0°) E(C0) 66.7° 30 1
3.0	13.93	E(0°) E(C0) 66.7° 21 1

Installation Guide

⚠ CAUTION
1. Led Tube work without the starter or ballest
2. Must remove the starter or ballest before power the Led tube

LED light tube
AC 85-265V 50/60Hz

1. Lamp holder with starter

AC 85-265V
Starter
Fluorescent tube
G13 Holder / G13 Holder
Inductive ballast

AC 85-265V
Remove the Starter
LED light tube
G13 Holder / G13 Holder
Inductive ballast
Short-circuit the both ends of inductive ballast

2. Lamp holder with electrical ballest

AC 85-265V
G13 Holder Fluorescent tube G13 Holder
Junction Box Electric ballast

AC 85-265V
Connect the two pairs output wires of ballast to junction box
G13 Holder LED light tube G13 Holder
Electric ballast
Junction Box
Open-circuit the input wire of electric ballast

LEDstar

Advantages

- Epistar/Sanan SMD2835
- Super Brightness
- Reliable Quality
- Easy Installation

50K Hrs LIFE SPAN
3 Years WARRANTY

Basic Data

LED	SMD2835	Efficiency	95LM/W	Input	AC85-265V
CCT	2700-6500K	CRI	>85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120/150°	Cover	Clear/Milky	PF	≥0.95

Models

| Model	Length	Input	LED Type	LED Qty	Power	Lumens
LSD009WAI000	60cm	AC85~265V	SMD2835	45pcs	9W	900lm
LSD014WAI000	90cm	AC85~265V	SMD2835	72pcs	14W	1400lm
LSD018WAI000	120cm	AC85~265V	SMD2835	96pcs	18W	1800lm
LSD023WAI000	150cm	AC85~265V	SMD2835	120pcs	20W	2300lm

Features

1. Adopt LED SMD2835, high brightness.
2. 10pcs T5 tube can be connected continuously.
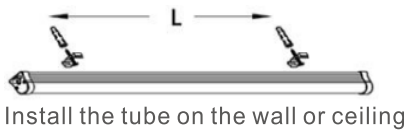3. Integration design, easy installation & room saving.

Dimensions

566 mm 7mm	876 mm 7mm	1176mm 7mm	1476mm 7mm
60CM	90CM	120CM	150CM
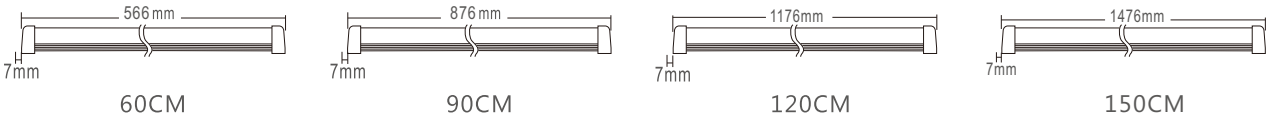
Light Distribution
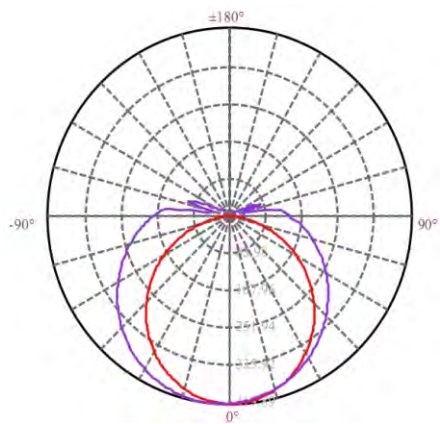
Installation Guide

1. Single installatin

   Install the tube on the wall or ceiling

2. Wire connection

   Use the plug with wire, connect the tube to power. Use the plastic cover to another end, make sure it's insulated.

3. Series connection

   Connect 2 tubes by the connector with 2 hole ends.
   10pcs of tubes can be connected toget her at most.

Advantages

- Non-traditional Technology
- Ultra-thin 9MM, Elegant Shape
- Epistar/Sanan SMD2835
- No screw on back
- Customized Logo on LGP available

50K Hrs LIFE SPAN

3 Years WARRANTY

Basic Data

LED	SMD2835	Brightness	90-95lm/W	Input	AC85-265V
CCT	2700-6500K	CRI	≥85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120°	Efficiency	90%	PF	≥0.95

Models

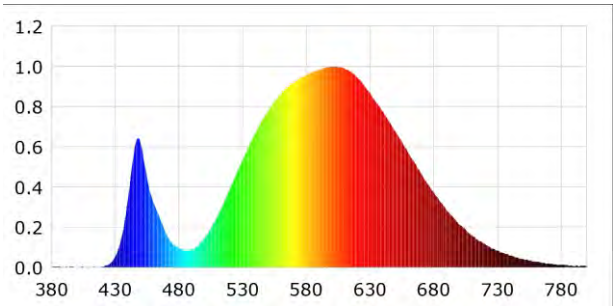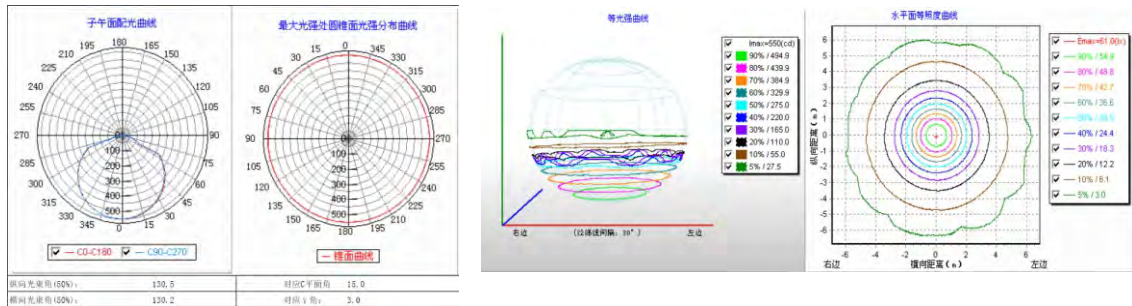| Model Number	Power	LED Qty	Lumen	Dimension(mm)	Hole Size	Input	Color
LD-PL-7W-CL1	7w	36pcs	665lm	Φ145*H9-4inch	Φ130±2mm	AC85-265V	W/WW
LD-PL-9W-CL1	9w	45pcs	855lm	Φ145*H9-4inch	Φ130±2mm	AC85-265V	W/WW
LD-PL-12W-CL1	12w	60pcs	1140lm	Φ180*H9-6inch	Φ165±2mm	AC85-265V	W/WW
LD-PL-15W-CL1	15w	80pcs	1425lm	Φ210*H9-7inch	Φ195±2mm	AC85-265V	W/WW
LD-PL-18W-CL1	18w	96pcs	1710lm	Φ240*H9-8inch	Φ225±2mm	AC85-265V	W/WW

Features

1. Adopt unique new technology of lasing dot, light is refracted by LGP directly.
2. 10% higher light efficiency than normal.
3. Ultra-thin design, only 9mm; No screw on the back.
4. Flicker-free,no RF interference,no uv radiation.
5. Special pattern or LOGO can be lasered on the LGP.
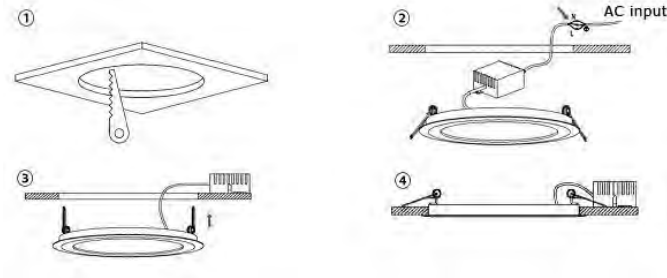6. Easy to install and maintenance-free.

Dimensions

Φ130mm±2mm Hole size	Φ165mm±2mm Hole size	Φ195±2mm Hole size	Φ225mm±2mm Hole size
9mm	9mm	9mm	9mm
Φ145mm	Φ180mm	Φ210mm	Φ240mm

Light Distribution

Installation Guide

① ② AC input ③ ④
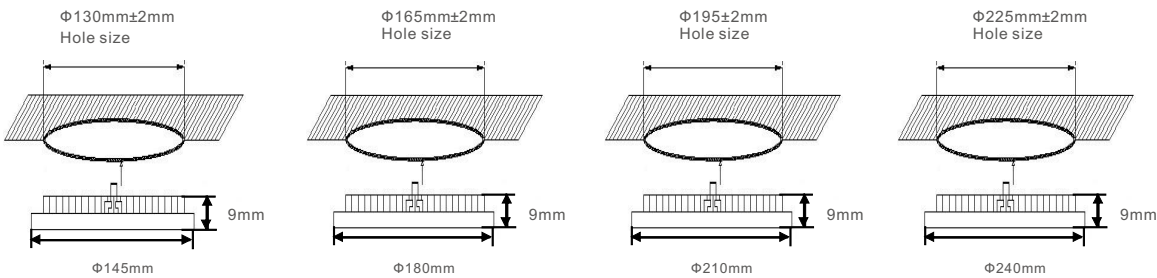
Advantages

- Epistar/Sanan SMD2835
- Ultra-thin 9mm
- Sophisticated Technology
- Illumination Uniformity

50K Hrs LIFE SPAN

3 Years WARRANTY

Basic Data

LED	SMD2835	Brightness	85lm/W	Input	AC85-265V
CCT	2800-6500K	CRI	>85Ra/75Ra	Frequency	50/60Hz
Beam Angle	120°	Power efficiency	>90%	PF	>0.95

Models

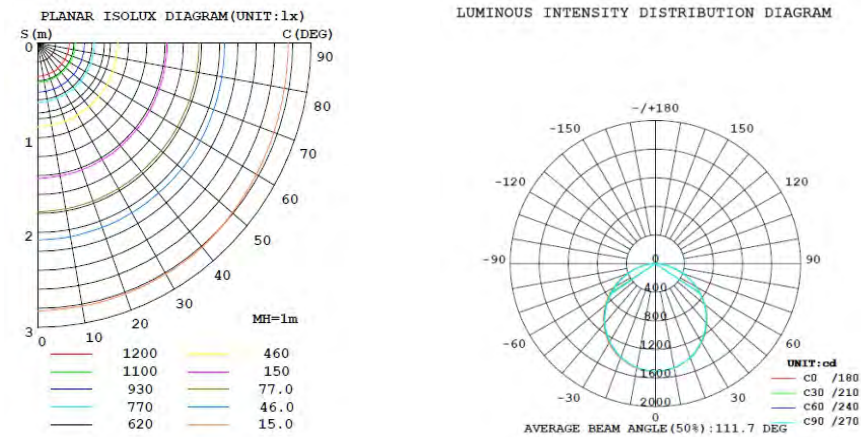| Model	Power	LEDQty	Lumen	Real size(mm)	Input	Color
LD-PL-3030-CL1-18W	18W	96pcs	1530lm	295*295*9 (3030)	AC85~265V	W/WW
LD-PL-3060-CL1-27W	27W	144pcs	2295lm	295*595*9 (3060)	AC85~265V	W/WW
LD-PL-3060-CL1-36W	36W	192pcs	3060lm	295*595*9 (3060)	AC85~265V	W/WW
LD-PL-6060-CL1-36W	36W	192pcs	3060lm	595*595*9 (6060)	AC85~265V	W/WW
LD-PL-6060-CL1-48W	48W	288pcs	4080lm	595*595*9 (6060)	AC85~265V	W/WW
LD-PL-6060-CL1-54W	54W	288pcs	2916lm	595*595*9 (6060)	AC85~265V	W/WW
LD-PL-30120-CL1-36W	36W	192pcs	3060lm	295*1195*9 (30120)	AC85~265V	W/WW
LD-PL-30120-CL1-48W	48W	240pcs	4085lm	295*1195*9 (30120)	AC85~265V	W/WW

Features

1. High brightness and Longlife time, can reach 50000hs.
2. Mitsubishi light guide plate, light transmitance >92%.
3. Pure aluminum frame: bright silver processing, good heat dissipation, high-grade appearance.
4. Constant current driver can work stably under 85~265V voltage.
5. Environment friendly: No UV, IR radiation, No Mercury.
6. Adopt 1.8mm thickness reflective plate, uniform illumination, no dark spot, no light leak.
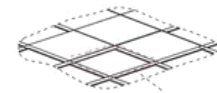
Dimensions

295mm × 295mm	595mm × 295mm	595mm × 595mm	1195mm × 295mm
3030	3060	6060	3012

Light Distribution

PLANAR ISOLUX DIAGRAM(UNIT:lx)
S(m)   C(DEG)
MH=1m

1200	460
1100	150
930	77.0
770	46.0
620	15.0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0 /180
C30 /210
C60 /240
C90 /270

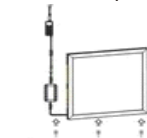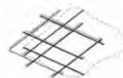AVERAGE BEAM ANGLE(50%):111.7 DEG
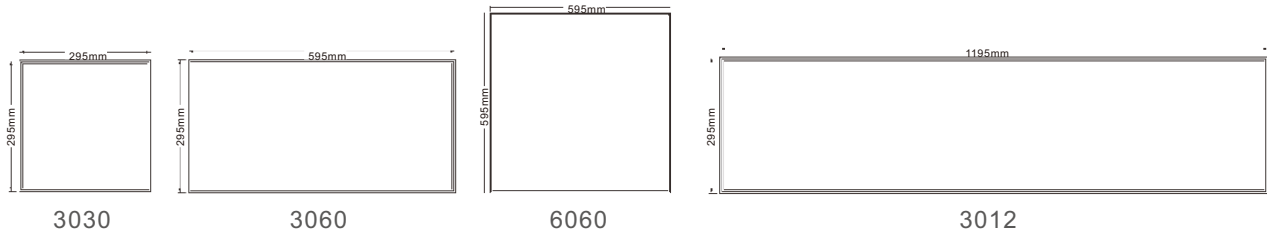
Installation Guide

In-built Installation

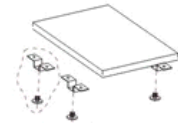1.Move away ceiling plaster slab,then arrange the wire

2.Put through the panel light along ceiling's diagonal and then wiring

3.fix the panel light to suitable place

Suspending Installation

1.install the hanging fixed block in order

2.set up hanging fitting and stainless steel rope

3.fix the rope on suitable height by using lifter

Advantages

- Hongli SMD5630
- Super Brightness
- Luxuriant in Design
- Skillful Manufacture

50K Hrs LIFE SPAN

3 Years WARRANTY

Basic Data

LED	SMD5630	Brightness	100lm/W	Input	AC85-265V
CCT	2700-6500K	CRI	≥80Ra	Frequency	50/60Hz
Beam Angle	120°	Efficiency	90%	PF	≥0.95

Models

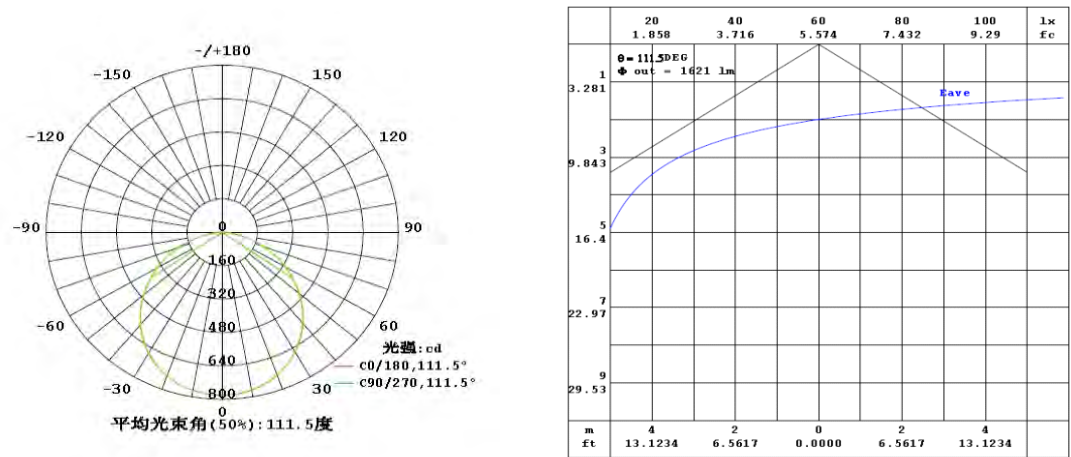| ModelNumber	Power	LEDQty	Lumen	Dimension(mm)	HoleSize	Input
LD-DL-15W-CL1	15W	30pcs	1350lm	Φ140-4inch	Φ120mm	AC85-265V
LD-DL-20W-CL1	20W	40pcs	1800lm	Φ190-6inch	Φ165mm	AC85-265V
LD-DL-25W-CL1(8inch)	25W	50pcs	2250lm	Φ190-6inch	Φ165mm	AC85-265V
LD-DL-25W-CL1(8inch)	25W	50pcs	2250lm	Φ230-8inch	Φ190mm	AC85-265V
LD-DL-30W-CL1	30W	60pcs	2700lm	Φ230-8inch	Φ190mm	AC85-265V

Features

1. Using advanced back-light technology and high light efficiency.
2. Flicker-free, no RF interference, no uv radiation.
3. Rational construction with aluminum for excellent heat dissipation.
4. Easy to install and maintenance-free.

Dimensions

Hole Size Φ120mm   Φ140mm

Hole Size Φ165mm   Φ190mm

Hole Size Φ190mm   Φ230mm

Light Distribution

平均光束角(50%):111.5度

光强:cd
C0/180,111.5°
C90/270,111.5°

θ=111.5DEG
φ out = 1621 lm

Installation Guide

① ② AC INPUT

③ LED Driver ④