

HIGH EFFICACY PHILIPS LED STRIPS

64/80/128/160/240 LEDs/m



Features

- Powered by high output 2835 PHILIPS LED.
- 99.99% gold thread, pure copper bracket coated with silver.
- CRI 80/90 available.
- SDCM ≤ 3 , 1 BIN only.
- Double layer rolled copper FPC.
- High light efficacy 150LM/W.
- 3M 300LSE tape attached.
- CE, RoHS, UL, TUV, BIS, CB and LM-80 certified.

Application

- Linear lighting, city lighting, landscape lighting, commercial lighting and house contour lighting, etc.

Parameters

Part Number	Dimensions (mm)	LED Type	LED Qty/m	Voltage (V)	Power (W/M)	LM/M	CCT/K	IP Grade
SE64LCF	5000*8	2835	64	DC24	6	940	2300–6500	IP20
SE80LCF	5000*8	2835	80	DC24	7.2	1100	2300–6500	IP20
SE128LCF	5000*10	2835	128	DC24	9.6	1520	2300–6500	IP20
SE160LCF	5000*10	2835	160	DC24	12	1880	2300–6500	IP20
SE240LCF	5000*12	2835	240	DC24	18	2860	2300–6500	IP20

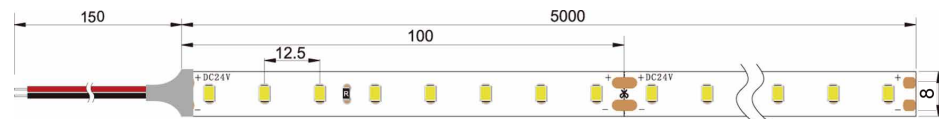
Dimension

Unit: mm

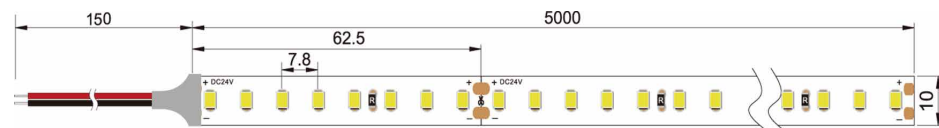
SE64LCF



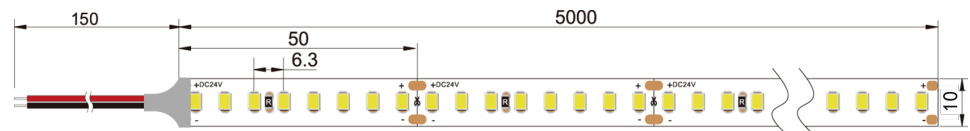
SE80LC1



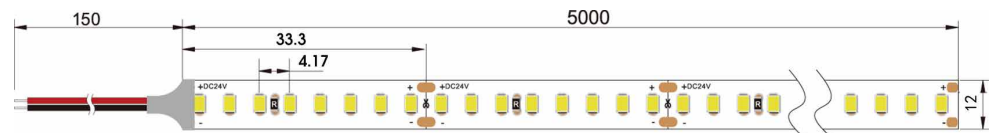
SE128LCF



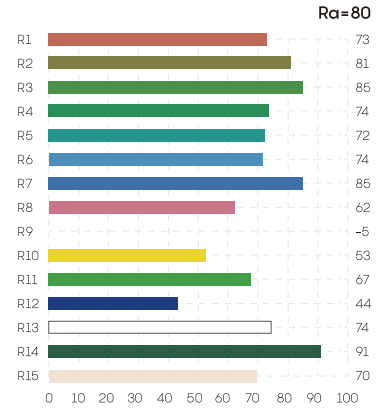
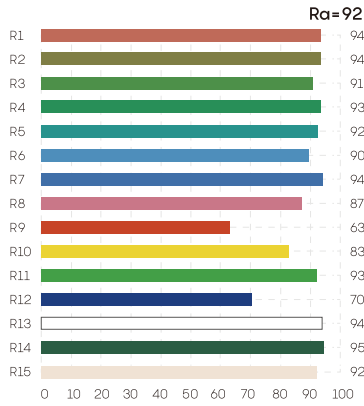
SE160LCF



SE240LCF



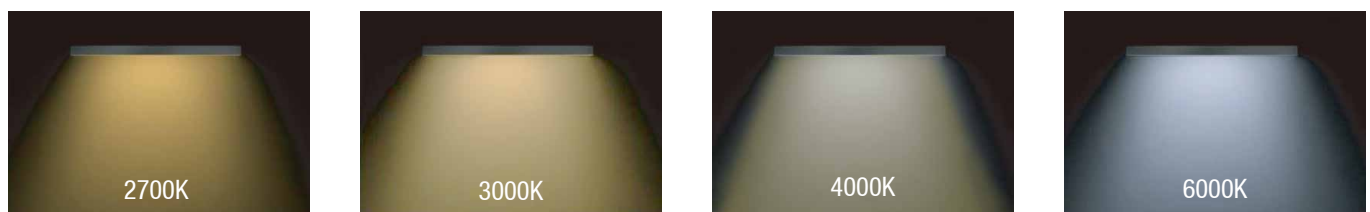
Rendering Index Comparison



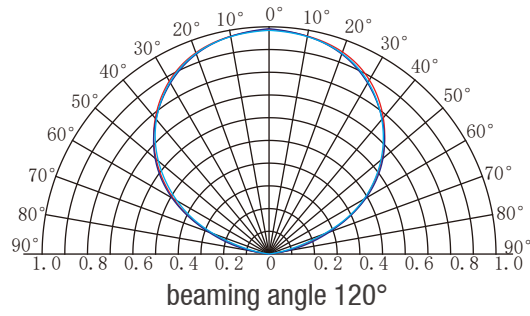
Provides Different IP Graded Strips

IP20	Non-waterproof		(indoor)
IP54	silicone spray		(in humid air)
IP65	silicone hollow tube		(in humid air)
IP67	silicone solid extrusion		(in rain)
IP68	PU/PVC glue hollow extrusion		(in water)

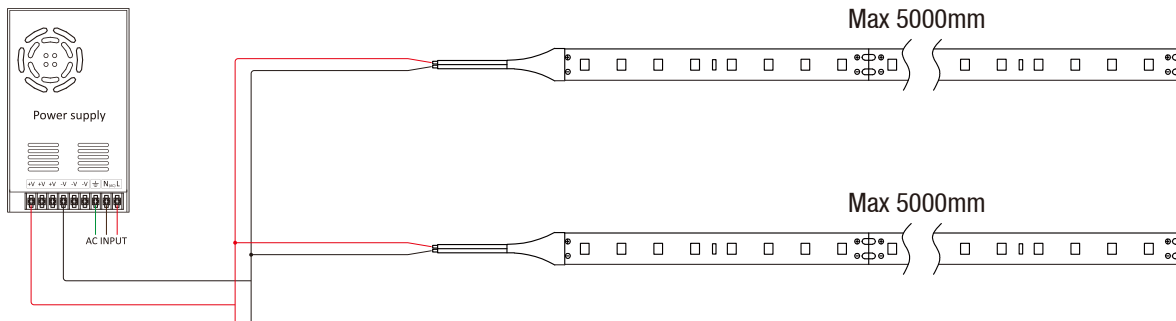
Provide Full CCT Range From 2700K to 6000K



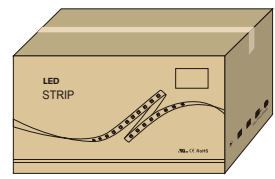
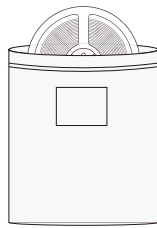
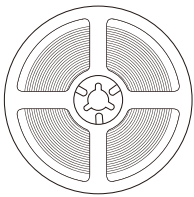
Beaming Angle



Wire Connection



Packing information



5 meters per roll

One roll per antistatic bag

30 rolls per inner box

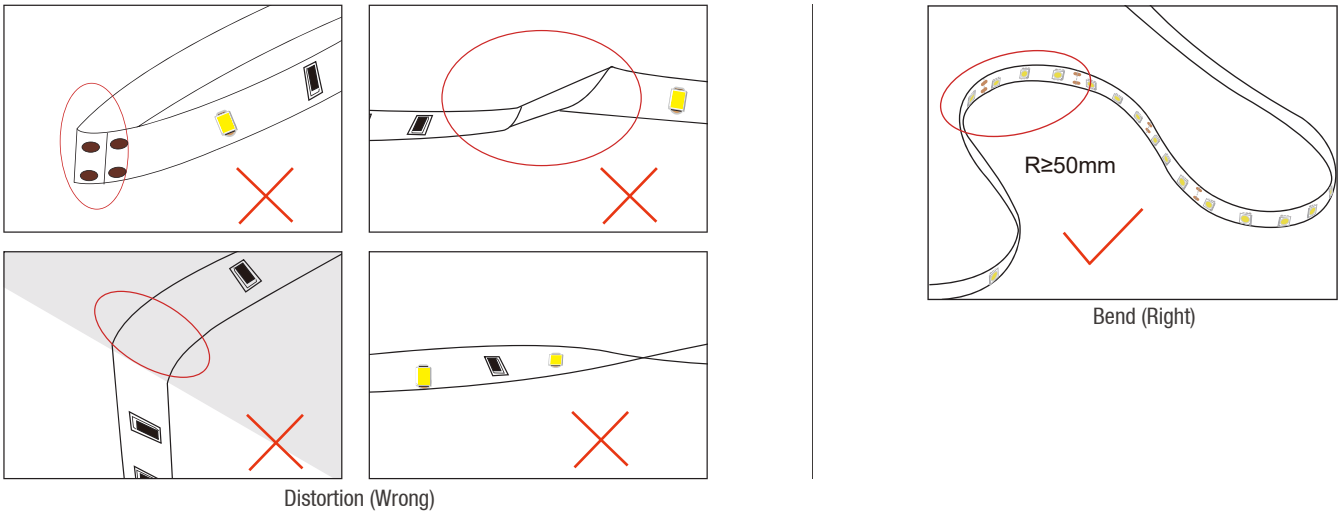
300m per carton

Part Number	Carton Dimension (mm)	Bags Per Carton (pcs)	Quantity Per Carton (m)	Net Weight (kg)	Gross Weight (kg)
SE64LCF	495*395*290	60	300	6.37	7.53
SE80LCF	495*395*290	60	300	6.42	7.58
SE128LCF	495*395*290	60	300	6.52	7.65
SE160LCF	495*395*290	60	300	6.62	7.78
SE240LCF	495*395*290	50	250	6.82	7.99

Given the packing manner difference, the actual packing information is subject to that for the real products.

Cautions

When install the led strip, please note the installaiton technique. The led strip can be bent, but not distorted, as shown below.



➤ LED strips are low vottage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC 110V or AC 220V, otherwise it will burn out the LED strips.

➤ Clean up the installation surface, it will ensure the reliability of the adhesive, .The electrical connection process must be operated by a professional person.

Installation Guidance

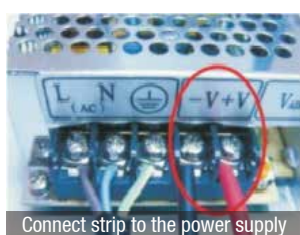
Accessories	Item No.	Description
Solderless Connector	LBY-JXD20-D1/D2/T1/T2	Insert the wire and close the cover
Strip-to-Wire Connector	LBY-8XB20-2/QJ-SL-8XB-2Y	Insert the wire and strip and ensure secure contact
Strip-to-Strip Connector	LBY-8BB20-2/QJ-SL-8BB-2	Insert both strips and ensure secure contact



- Clean the installation surface.
- Mounting with 3M tape.
 - (1) Unroll the led strip.
 - (2) Peel the adhesive tape.
 - (3) Stick the led strip into place.



- Mounting with clip.
 - (1) Unroll the led strip.
 - (2) Mount with fixing clip and secure with M3*6 screws.



- Connect to the power supply and proceed with insulation treatment. Make sure that the polarity for connection is correct. Note: Red wire is positive and black wire is negative.
- Electrify the power supply.

Instructions

01. Disassembling or modifying the product is not allowed.
02. Installation with power on is not allowed.
03. Any organic solvent chemical is not allowed.
04. Isolation and corrosion prevention on all wiring points and wire ends.
05. Make sure the power wire is big enough and ensure the voltage and connection are all correct before power on.
06. Installation, maintenance should be done by professional staff.
07. 5M in a serial connection maximum for DC 24V strips.
08. The power wire between power supply and LED strips should be less than two meters to keep the same brightness on all parts.

Declaration

01. Warranty: 5 years.
02. To ensure the safety, the broken wires need to be replaced by the manufacturer or the service agent, or by the qualified staff.
03. The given data in the specification is the laboratory data, there may be discrepancy found in the actual products.
04. The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
05. The products are subject to change without prior notification.



Official Website



WeChat Public

SHENZHEN LEADBEYOND LINEAR LIGHTING CO., LTD.

Tel: +86-755-83056231 info@leadbeyondled.com www.leadbeyondled.net www.leadbeyondled.com

Company Address.: 28F, Luban Building, Hongli West Road, Futian District, Shenzhen 518034, China

Factory Address : 2F, Block 6, Chuangjian Industrial Area (2nd Phase), Yingrenshi Village, Shiyan Town, Bao'an District, Shenzhen 518108, China