# LBY LED

## SIGNS NEVER BEEN SO EASY

**LBY**

WWW.LBYLED.COM

c(UL)us  E348340   CE  TUV  RoHS

# COMPANY PROFILE

LBY is a professional manufacturer that specializes in development, production, marketing of LED Light Source for worldwide sign industry. Since 2004, we were devoted to design and produce more efficient and easy–installation LED products, at the same time, we also offer customized design and work instruction serves. We are always trying to save total cost for customers.

Today, LBY, the name means reliable quality, higher light efficiency and high cost performance. We now have 22 domestic offices and built very strong partner relationships with our distributors from more than 50 countries. The company is also very active providing its products and services to national projects and government signs.

The employees feel proud of working in such a top LED supplier for signs, with the most knowledgeable team and technologically advanced products, we are looking forward to work with our customers throughout the world.

Founded: 2004

Employees: 500

Factory Area: 10 000㎡

## PHILOSOPHY

Value: Simple, Professional, Creative

Goal: First Choice of Worldwide LED Signs

Mission: Lower Total Cost, Reliable Product

深圳市零奔洋科技有限公司
SHENZHEN LINGBENYANG TECHNOLOGY CO., LTD.

cULus E348340   CE   TUV   RoHS

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- Constant current driving technology guarantees stable performance of product.
- SDCM ≤ 5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 50 pcs Max.(constant current) /20 pcs Max.(constant voltage) in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 3-6 cm depth illuminate letter or light box at airports,metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE01BB3 | 12V | 36*17.5*6.2 | 44 | 0.4 | 1 | 7000 | 2835 |
| ZE02BB3 | 12V | 56*17.5*6.2 | 88 | 0.8 | 2 | 7000 | 2835 |

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- Constant current driving technology guarantees stable performance of product.
- SDCM ≤ 5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 30 pcs Max.(constant current) /20 pcs Max.(constant voltage) in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 6-12 cm depth illuminate letter or light box at airports, metros, banks, buildings and shopping malls,etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE03BB3 | 12V | 80*17.5*6.2 | 130 | 1.2 | 3 | 7000 | 2835 |
| ZE04BB3 | 12V | 45*43*6.2 | 180 | 1.6 | 4 | 7000 | 2835 |

160° | IP65 | 5years



## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- Constant current driving technology guarantees stable performance of product.
- SDCM≤5 each BIN.
- Special lens design, 160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 50 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 8-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE02QB7 | 12V | 52.4*15*9.2 | 70 | 0.72 | 2 | 7000 | 2835 |
| ZE03QB7 | 12V | 74.4*15*9.2 | 106 | 1.1 | 3 | 7000 | 2835 |

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160° | IP65 | 5years



## Features

- Sourced by high output SMD5730, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 8-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZL03QA4 | 12V | 85*17.5*8.4 | 110 | 1.32 | 3 | 7000 | 5730 |
| ZE03BB5 | 12V | 87*17.5*7.2 | 110 | 1.32 | 3 | 7000 | SAMSUNG LED |

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD2835/5730, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 8-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| ZE02QA2 | 12V | 50*15*8.6 | 45 | 0.72 | 2 | 7000 | 2835 |
| ZE03QA1 | 12V | 74*15*8.6 | 70 | 0.72 | 3 | 7000 | 2835 |
| ZL03QA1 | 12V | 80*18*8.0 | 110 | 1.32 | 3 | 7000 | 5730 |

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD5050, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 8-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| ZH03QA5–Q | 12V | 85*17.5*8.4 | R6 G22 B5 | 0.65 | 3 | RGB | 5050 |
| ZH04QA1–Q | 12V | 33*33*5 | R6 G22 B5 | 1.32 | 4 | RGB | 5050 |

# MINI MODULE SERIES

 120° | IP65 | 3years

## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 120°beaming angle with even light.
- Well sealed: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, RoHS and UL certified.

## Application

- Apply to 3-6cm depth signs at airports, metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE02QA1 | 12V | 30*7.5*4.3 | 20 | 0.32 | 2 | 7000 | 2835 |

# BACK LIGHTING SERIES

 170° | IP65 | 5years

## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded on alluminum PCB: anti-dusting, anti-moisture, waterproof, anti-shock.
- 38 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 3.5-10 cm depth single-sided light box at airports, metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE01BA2 | 12V | 35*22.5*7.09 | 55 | 0.72 | 1 | 7000 | 2835 |

# BACK LIGHTING SERIES



## Features

- Sourced by high output SMD2835/3030, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ⩽ 5 each BIN.
- Special lens design, 170°/160°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 50/20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 3.5-15 cm depth single-sided light box at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZE01BB2 | 12V | 37*25.5*7.1 | 55 | 0.72 | 1 | 7000 | 2835 |
| ZF01BB2 | 12V | 43*23*7.8 | 125 | 1.32 | 1 | 7000 | 3030 |

# BACK LIGHTING SERIES



## Features

- Sourced by high output SMD LG LED, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ⩽ 5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 12 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 10-20 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZX03QB1 | 12/24V | 180*26*8.4 | 500 | 4 | 3 | 7000 | LG LED |

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD 3030LED, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 9 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 10-20 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZF09QB1 | 12V | 94*94*7.8 | 650 | 7 | 9 | 7000 | 3030 |

# BACK LIGHTING SERIES

## Features

- Sourced by high output SMD Seoul 1919, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 175°beaming angle with even light.
- Special overmoulded construction: anti-dusting, anti-moisture, waterproof, anti-shock.
- 12 pcs Max. in a series connection.
- CE, RoHS and UL certified.

## Application

- Best for 10-18cm depth light box at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| ZW03WB1 | 12V | 124*82*11 | 600 | 7 | 3 | 7000 | Seoul LED |

# BACK LIGHTING SERIES

| 170° | IP33 | 5years |



## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 170°beaming angle with even light
- Well sealed: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 bars Max. in a series connection.
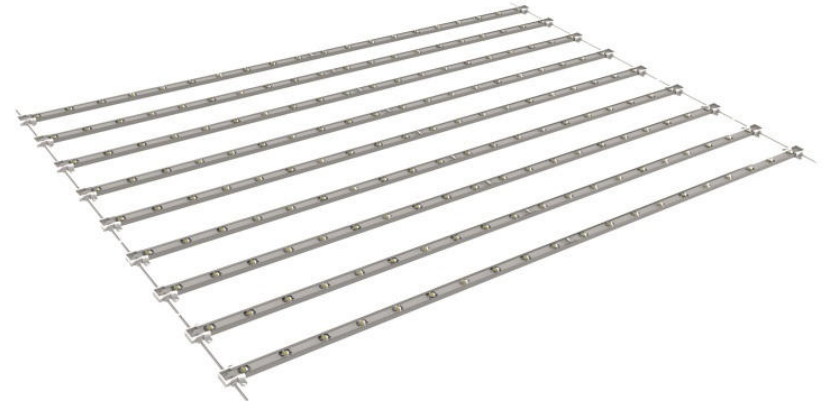- CE, ROHS and UL certified.

## Application

- Best for 4-10cm depth single-sided light box or 10-20cm depth double-sided light box at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| YE08LC2-64-80 | 24V | 640*20*7 | 480 | 6 | 8 | 7000 | 2835 |

# BACK LIGHTING SERIES

| 160° | IP65 | 5years |



## Features

- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 160°beaming angle with even light
- Well sealed: anti-dusting, anti-moisture, waterproof, anti-shock.
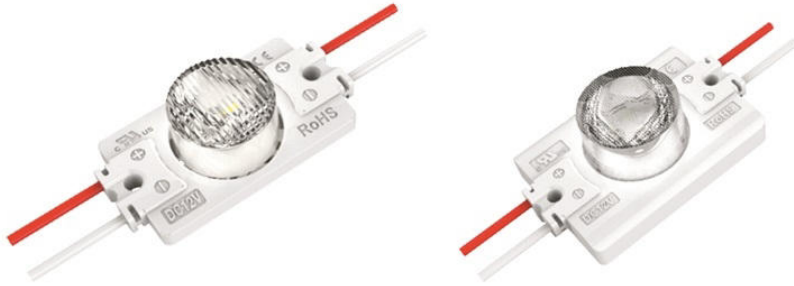- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Apply to 18-40cm depth double-sided light box or 10-20cm depth single-sided light box at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| YE30GA1-AO-AO | 12V | 982*36*9.8 | 620 | 7.2 | 30 | 7000 | 2835 |

# EDGE LIGHTING SERIES

| 10*65° | 15*45° | IP68 | 5years |

## Features

- Sourced by high output SMD3030/3535, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 10*65°/15*45°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 15-30cm depth double-sided light box or 8-20 cm depth single-sided light box at airports, metros,banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| ZF01BB3 | 12V | 43*23*11.6 | 125 | 1.32 | 1 | 7000 | 3030 |
| ZX01BB2 | 12V | 51.4*32*14.8 | 250 | 2.5 | 1 | 7000 | 3535 |

# EDGE LIGHTING SERIES
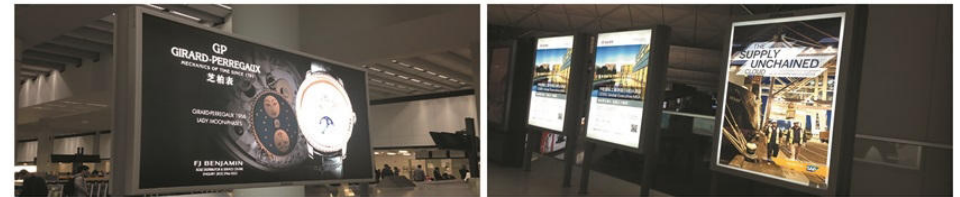
| 10*65° | IP68 | 5years |

## Features

- Sourced by high output SMD3030, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM ≤ 5 each BIN.
- Special lens design, 10*65°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 15-30cm depth double-sided light box or 8-20 cm depth single-sided light box at airports, metros,banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| ZF03BB1 | 12V | 74*20*9.8 | 250 | 2.5 | 3 | 7000 | 3030 |

# EDGE LIGHTING SERIES

| 10*40° | 15*45° | IP65 | 5years |

## Features

- Sourced by high output LG LED, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤5 each BIN.
- Special lens design, 10*40°/15*45°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20/10 pcs Max. in a series connection.
- CE, ROHS and UL certified.

## Application

- Best for 12-18 cm depth double-sided light box at airports, metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| ZW01BB3 | 12~24V | 68*30*15 | 260 | 2 | 1 | 7000 | LG LED |
| ZW03BB3 | 12~24V | 142*30*15 | 780 | 6 | 3 | 7000 | LG LED |

# EDGE LIGHTING SERIES

| 15*45° | IP65 | 5years |

## Features

- Sourced by high output OSRAM LED, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- SDCM≤3 each BIN.
- Special lens design, 15*45°beaming angle with even light.
- 20/10 pcs Max. in a series connection.
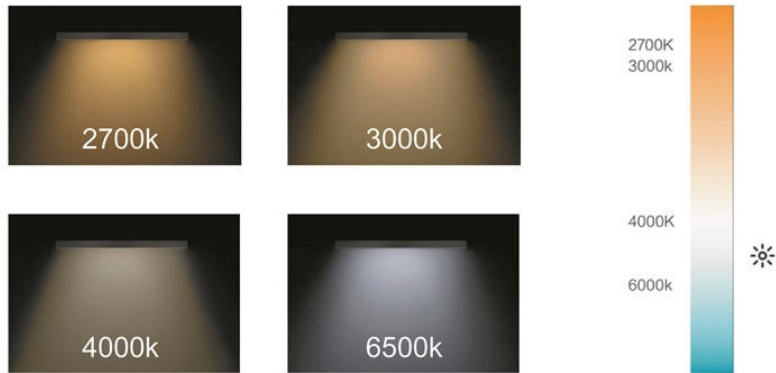- CE, ROHS and UL certified.

## Application

- Best for 12-40cm depth double-sided light box or 10-20cm depth single-sided light box at airports,metros, banks, buildings and shopping malls, etc.

| Part No. | Input Vol. | Dimensions(mm) | Lumen/lm | Power(W/pcs) | LED Qty/pcs | CCT/K | LED Type |
|----------|-----------|----------------|----------|--------------|-------------|-------|----------|
| YX03DD1 | 24V | 295*27.5*15.6 | 810 | 9 | 3 | 7000 | OSRAM LED |
| YX05DD1 | 24V | 495*27.5*15.6 | 1350 | 15 | 5 | 7000 | OSRAM LED |

# FLEX LINEAR LIGHT

LBY LED provide full CCT range from 2300K to 12000K
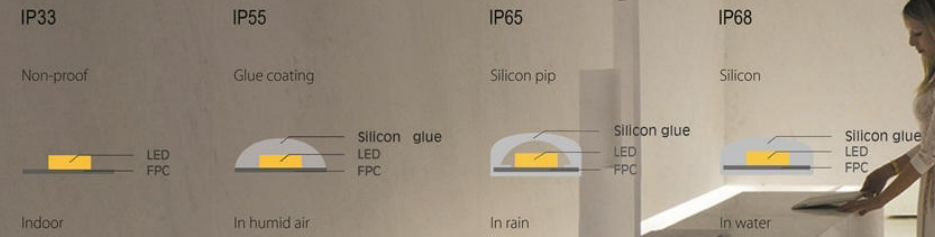as well as CRI option from 75 to 95

2700k

3000k

4000k

6500k

2700K
3000k

4000K

6000k

Various CRI option from 75 to 95

CRI 95

CRI 75

# INGRESS PROTECTION

LBY LED provide different IP graded strips

| IP33 | IP55 | IP65 | IP68 |
|------|------|------|------|
| Non-proof | Glue coating | Silicon pip | Silicon |
| | Silicon glue | Silicon glue | Silicon glue |
| LED FPC | LED FPC | LED FPC | LED FPC |
| Indoor | In humid air | In rain | In water |

○ 99.99% golden thread, pure copper bracket coated with silver.

○ USA Intematix phosphor with CRI＞80.

○ SDCM≤5 each BIN.

○ Double layer rolled copper FPC.

○ Silicon glue sealed by automatic machine and injection caps, IP68 rated.

○ Back adhesive 300LSE 3M.

○ CE, RoHS and UL certified.

# BENDABLE STRIP



| | | |
|---|---|---|
| 120° | IP33 | 3years |

| 2700k | 3000k | 4000k | 6500k |
|---|---|---|---|



## Features

- Sourced by high output 2835 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- Apply to 3-6cm depth signs at airports, metros, banks, buildings and shopping malls, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SE60LA2-S | 12V | 5000*6 | 11 | 6.2 | 60 | 6500 | 2835 |

# SIDE EMITTING STRIP

| | | |
|---|---|---|
| 120° | IP33 | 3years |

| 2700k | 3000k | 4000k | 6500k |
|---|---|---|---|



## Features

- Sourced by high output 335 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SA60LA1 | 12/24V | 5000*8 | 6 | 4.8 | 60 | 6500 | 335 |
| SAC0LA1 | 12/24V | 5000*8 | 6 | 9.6 | 120 | 6500 | 335 |

# 2835 STRIP

| 120° | IP33 | 3years |

| 2700k | 3000k | 4000k | 6500k |

## Features

- Sourced by high output OSRAM 2835 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|-----------|-----------|-------|----------|
| SR60LA1 | 12/24V | 5000*8 | 25 | 12 | 60 | 6500 | OSRAM LED |
| SRC0LA1 | 12/24V | 5000*8 | 25 | 15 | 120 | 6500 | OSRAM LED |

# 2835 STRIP

| 120° | IP68 | 3years |

| 2700k | 3000k | 4000k | 6500k |

## Features

- Sourced by high output OSRAM 2835 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- Sealed by silicon glue, anti-UV and never turn yellow
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|-----------|-----------|-------|----------|
| SR60JA1 | 12/24V | 5000*10 | 25 | 12 | 60 | 6500 | OSRAM LED |
| SRC0JA1 | 12/24V | 5000*10 | 25 | 15 | 120 | 6500 | OSRAM LED |

# 5050 STRIP

| 120° | IP33 | 3years |

| 2700k | 3000k | 4000k | 6500k |

## Features

- Sourced by high output 5050 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|------------|-----------|-------|----------|
| SH30LA1 | 12/24V | 5000*10 | 23 | 6 | 30 | 6500 | 5050 |
| SH60LA1 | 12/24V | 5000*10 | 23 | 12 | 60 | 6500 | 5050 |

# 5050 STRIP

| 120° | IP68 | 3years |

| 2700k | 3000k | 4000k | 6500k |

## Features

- Sourced by high output 5050 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- Sealed by silicon glue, anti-UV and never turn yellow.
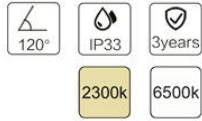- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|------------|-----------|-------|----------|
| SH30JA1 | 12/24V | 5000*12 | 23 | 6 | 30 | 6500 | 5050 |
| SH60JA1 | 12/24V | 5000*12 | 23 | 12 | 60 | 6500 | 5050 |

# CCT TURNABLE STRIPS

| 120° | IP33 | 3years |
|------|------|--------|
| 2300k | 6500k | |

## Features

- Sourced by high output 2835 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
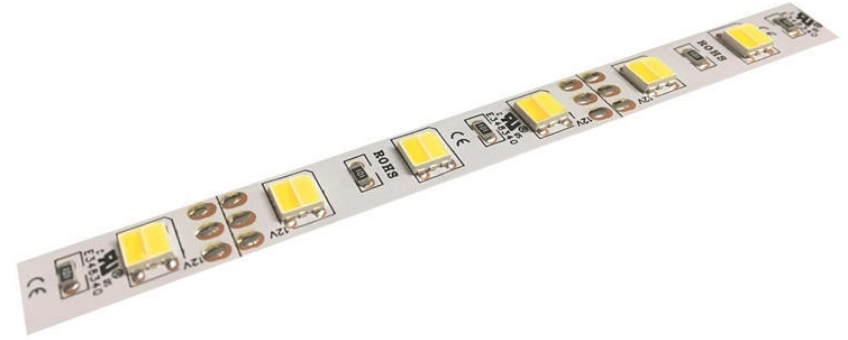- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|-----------|-----------|-------|----------|
| SEC0LA1-DW | 12V | 5000*8 | 25 | 18 | 120 | 2300/6500 | 2835 |

# CCT TURNABLE STRIPS

| 120° | IP33 | 3years |
|------|------|--------|
| 2300k | 6500k | |

## Features

- Sourced by high output 5050 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
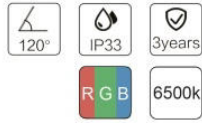- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.

| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|----------|-----------|----------------|--------|-----------|-----------|-------|----------|
| SH60LA1-DW | 12V | 5000*10 | 15 | 15 | 60 | 2300/6500 | 5050 |

# RGB+W STRIP

## Features

- Sourced by high output 5050RGB+W LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SH60LA1-RGB+W | 12/24V | 5000*10 | 15 | 14.4 | 60 | RGB+W | 5050 |

# RGBW STRIP

## Features

- Sourced by high output 5050 RGBW LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SH60LA1-RGBW | 12/24V | 5000*10 | 15 | 18 | 60 | RGBW | 5050 |

# DOUBLE ROW STRIPS

120° | IP33 | 3years

2700k | 3000k | 4000k | 6500k



## Features

- Sourced by high output 2835 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

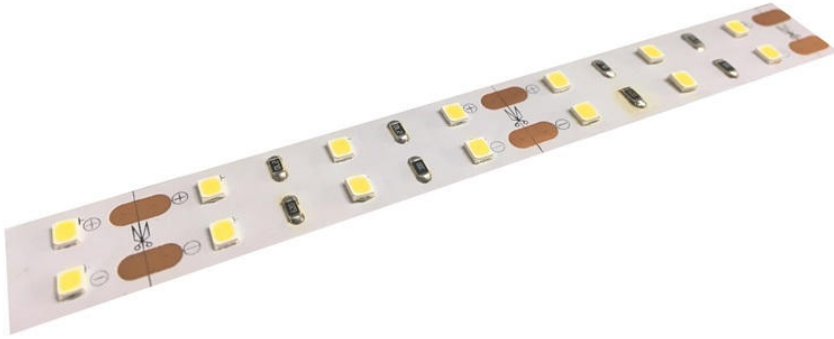- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SEC0LAB | 24V | 1000*15 | 25 | 18 | 120 | 6500 | 2835 |

# DOUBLE ROW STRIPS

120° | IP33 | 3years

2700k | 3000k | 4000k | 6500k



## Features

- Sourced by high output 5050 LED with good color conformity.
- 99.99% gold thread, pure copper bracket coated with silver.
- USA Intematix phosphor with CRI＞80.
- SDCM≤5 each BIN.
- Double layer rolled copper FPC.
- 3M 300LSE tape attached.
- CE, RoHS and UL certified.

## Application

- City lighting, landscape lighting, commercial lighting and house contour lighting, etc.



| Part No. | Input Vol. | Dimensions(mm) | LM/LED | Power(W/M) | LED Qty/M | CCT/K | LED Type |
|---|---|---|---|---|---|---|---|
| SHC0LAB | 24V | 1000*24 | 23 | 18 | 120 | 6500 | 5050 |

# LED POWER SUPPLY

IP67 | 3years

### Features

- Constant Voltage design
- Universal AC input
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over load/Over current
- Cooling by free air convection
- 100% full load burn-in test
- High Reliability

| Part No. | Input Vol. | Dimensions(mm) | Input Frequency | Power(W/pcs) | Output Vol. | Efficiency | Working Temperature |
|----------|-----------|----------------|-----------------|--------------|-------------|------------|---------------------|
| LV-12030P | 100-240VAC | 170*34*24 | 50-60Hz | 30 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12060P | 100-240VAC | 162*43*32 | 50-60Hz | 60 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12100P | 100-240VAC | 190*62*38 | 50-60Hz | 100 | 12V/24V | ≥85% | -40°C-70°C |

# LED POWER SUPPLY

IP67 | 3years

### Features

- Constant Voltage design
- Universal AC input
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over load/Over current
- Cooling by free air convection
- 100% full load burn-in test
- High Reliability

| Part No. | Input Vol. | Dimensions(mm) | Input Frequency | Power(W/pcs) | Output Vol. | Efficiency | Working Temperature |
|----------|-----------|----------------|-----------------|--------------|-------------|------------|---------------------|
| LV-12030 | 100-240VAC | 220*29*20 | 50-60Hz | 30 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12060 | 100-240VAC | 150*53*35 | 50-60Hz | 60 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12100 | 100-240VAC | 180*68*40 | 50-60Hz | 100 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12150 | 100-240VAC | 246*68*52 | 50-60Hz | 150 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12200 | 100-240VAC | 272*68*55 | 50-60Hz | 200 | 12V/24V | ≥85% | -40°C-70°C |
| LV-12250 | 100-240VAC | 280*80*48 | 50-60Hz | 250 | 12V/24V | ≥85% | -40°C-70°C |