

Flexible LED Strips

FLEX

YOUR

IMAGINATION

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About Edison Opto

Edison Opto was established in 2001 from New Taipei, Taiwan.

The company's mission is to provide customers with the complete LED lighting product line, this ranges from components, AC / DC modules, light strips, street / outdoor lighting, automotive lighting and horticulture lighting.

In particular, it established the integrated lighting design manufacturing service, **LDMS** Lighting Design Manufacturing Service, to help customers manage every issue while designing LED lighting products.

To provide prompt delivery service, Edison Opto has also established factories in Dongguan and Yangzhou.

Moreover, the company has also set up a subsidiary in USA to expand the service domain.

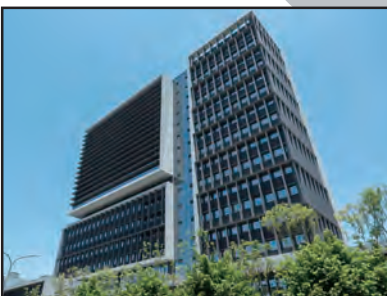
Main Business

DongGuan Factory



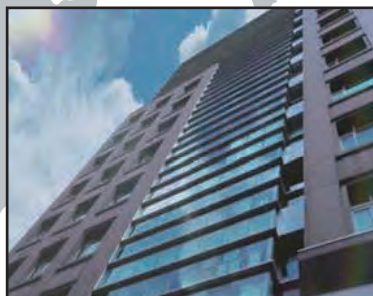
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Taipei Factory



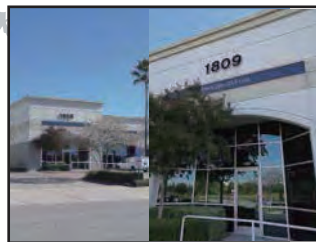
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Certificate

Edison Opto always keeps on concentrating to provide customers with the excellent LED lighting products. PLCC lightbar FPC series passes CE UL ENEC certification. To provide the high quality products to customers is always the first priority concern in Edison Opto.

TEST REPORT IEC 62471
LED modules for general lighting - Safety specifications

Report Number: ED0195-23
Date of Issue: 2023-05-04
Total number of pages: 17 pages

Member of Testing Laboratory: DEKRA Testing and Certification (Shanghai) Co., Ltd. Shanghai Branch

Applicant's name: EDISON OPTO (SHANGHAI) CO., LTD.
Address: 120000, Shanghai, China

Test specification: IEC 62471-2:2019
Test method: IEC 62471-2:2019
Test standard used: IEC 62471-2:2019
Test Report Form No.: ED0195-23

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TEST REPORT IEC 162771
Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires

Report Number: ED0195-23
Date of Issue: 2023-05-04
Total number of pages: 17 pages

Member of Testing Laboratory: DEKRA Testing and Certification (Shanghai) Co., Ltd. Shanghai Branch

Applicant's name: EDISON OPTO (SHANGHAI) CO., LTD.
Address: 120000, Shanghai, China

Test specification: IEC 162771:2019 (Classified Edition)
Test procedure: Type A
Test standard used: IEC 162771:2019
Test Report Form No.: ED0195-23

VERIFICATION OF EMC COMPLIANCE

Product Designation: LED indoor recessed light

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: EN 61326-1:2014

Test Results: Pass

TEST REPORT Electromagnetic Compatibility (EMC)

Product Designation: LED indoor recessed light

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: EN 55032:2015, EN 55035:2015

Test Results: Pass

TEST REPORT

Product Designation: LED modules

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: IEC 62471-2:2019

Test Results: Pass

2. Test Summary

Test Item	Standard	Method	Result	Pass/Fail
Blue Light Hazard	IEC 62471-2:2019	Class 1	Pass	Pass
Blue Light Hazard	IEC 62471-2:2019	Class 2	Pass	Pass
Blue Light Hazard	IEC 62471-2:2019	Class 3	Pass	Pass
Blue Light Hazard	IEC 62471-2:2019	Class 4	Pass	Pass
Blue Light Hazard	IEC 62471-2:2019	Class 5	Pass	Pass

VERIFICATION OF EMC COMPLIANCE

Product Designation: LED indoor recessed light

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: EN 61326-1:2014

Test Results: Pass

TEST REPORT Electromagnetic Compatibility (EMC)

Product Designation: LED indoor recessed light

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: EN 55032:2015, EN 55035:2015

Test Results: Pass

ATTESTATION OF CONFORMITY

Product Designation: LED modules

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: IEC 62471-2:2019

Test Results: Pass

ATTESTATION OF CONFORMITY

Product Designation: LED modules

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: IEC 62471-2:2019

Test Results: Pass

CERTIFICATE

Product Designation: LED modules

Manufacturer: EDISON OPTO (SHANGHAI) CO., LTD.

Model No.: ED0195-23

Standard: IEC 62471-2:2019

Test Results: Pass



Reliability Test Items And Conditions

Test Items	Test Condition	Times	Passed
LED Thermal Shock	-40°C / 15min ~ 85°C / 15min	200 cycles	√
High Temperature & Humidity Life Test	Temp : 85°C, H : 85%	168 Hrs	√
Temperature cycle test	TA = -40°C ~ +85°C Dwell 60min, Transfer time ≤ 60min	IP67 65°C 336 Hrs IP20 55°C 168 Hrs	√
High Temperature Operation Test	TA = 65°C	1000 Hrs	√
Low Temperature Life Test	Temp : -40°C	1000 Hrs	√
Constant Temperature Life Test	TA = 25°C	1000 Hrs	√
ON/OFF Life Test	30 sec ON 30 sec OFF	1000 Times	√
3M Test	Hanging 4 times of led strip weight for 2hours	168 Hrs	√
UV Accelerated Weathering Test	1.38W / m ² Temp : 60°C	98 Hrs	√
Vibration Test	150Hz 180Hz	95min 80min	√
Drop Test	The height the drop depends on the weight of the product 1 angle. 3 slides 6 flats	10 Times	√
Twisting test	1000cycles	720° / 7000cycles	√
Bending test	6cm bending test	-40°C / 20H - +60°C / 20H (1 cycle)	√
Waterproof test	IPX1 - IPX7 Testing standard	30min	√

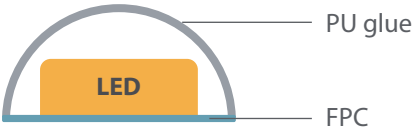
IP Rating

IP 20



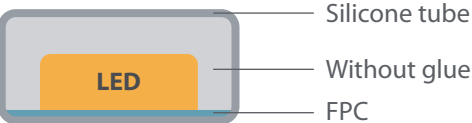
INDOOR

IP 54



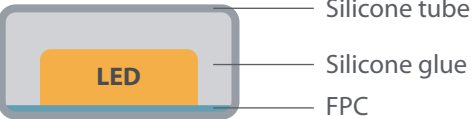
WATER-REPELLENT

IP 65



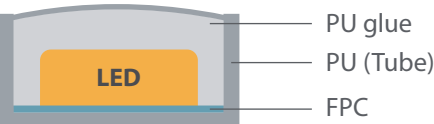
SEMI-OUTDOOR

IP 67



SEMI-OUTDOOR

IP 67



OUTDOOR

IP 68



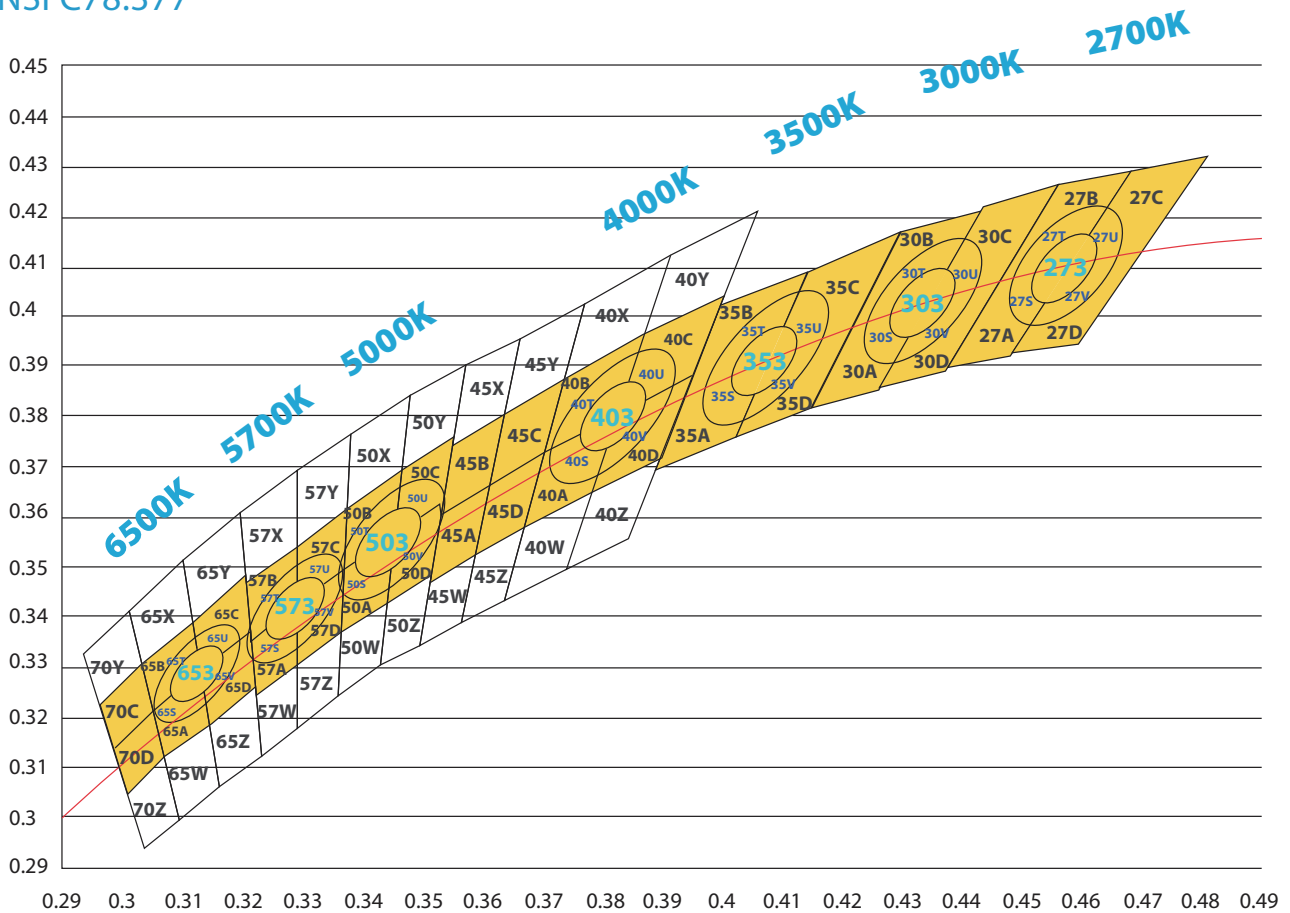
OUTDOOR

ANSI BIN

EDISON OPTO combines ANSI BIN group with MacAdam ellipse enhancing the color consistency of luminaires.

The new PLCC BIN group can not only control color temperature more precisely but can also enhance the ratio of utilization. Edison Opto provides its customers with a mix BIN service at a preferential price and helps to improve the color consistency of its luminaires.

ANSI C78.377



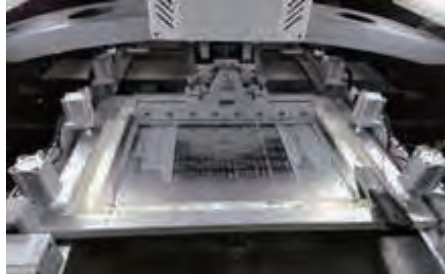
Environmental Compliance

PLCC lightbar FPC series are compliant to the Restriction of Hazardous Substances Directive or RoHS. The restricted materials including Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), di(2-ethylhexyl)phthalate(DEHP), Butyl Benzyl Phthalate(BBP),Dibutyl Phthalate(DBP) and Diisobutyl Phthalate(DIBP) are not used in PLCC lightbar FPC series to provide an environmentally friendly product to the customers.

Production Equipment



SMT Machine



Automatic Tin
Brushing Machine



Automatic Mounting
Machine



Automatic Reflow
Machine



Automatic Soldering Machine



Glue dripping Machine



Full- Automatic Aging Machine



Laser Marking Machine



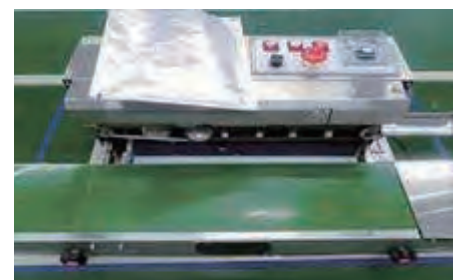
Logo Printing Machine



Integrating Sphere



X-ray Machine



Automatic Packing Machine

Quality Control



Constant temperature and humidity warehouse to protect the quality of product



Conduct incoming materials reliability and function test



The FAI test ,to make sure the electric-optical characteristics is correct.



In-process inspection



Small current lighting



Aging test



Shaking test



Quality test : OQC will check before delivery to assure the quality



Packing and storage

Reliability Test Equipment



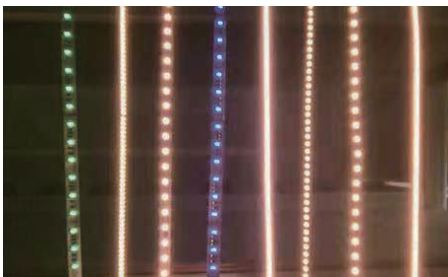
Thermal Shock Test



High Temperature and Humidity Test



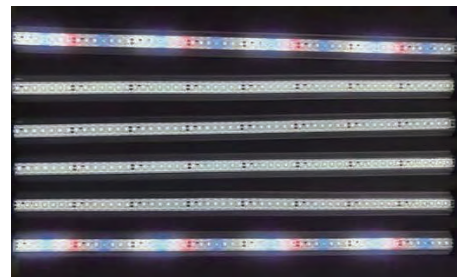
Temperature Cycle Test



Constant Temperature Test



High Temperature Test &
Lower Temperature Test



ON / OFF Test



Drop Test



Twisting Test



Waterproof Test

Elite

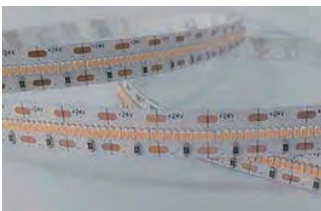
2110 Series



Features

- Easily to make linear lighting with high density layout
- High reliability and stability, 3-5 years warranty, ROHS approval
- Decorating backlight and indirect lighting for showcase, shelf and cabinet
- Excellent color rendition ability with optical parameters, with $Ra \geq 90$








2110 24V 700D / M

 Protection IP20

 Min. Cutting 10mm / 7LEDs

 Beam Angle 120°

 Dimensions(mm) L5000*W10*H1.8

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0C70011	 Cool White	24	24	2160	90	>90
6LBR1NWJE0C70011	 Neutral White	24	24	2160	90	>90
6LBR1WWJE0C70011	 Warm White	24	24	2040	85	>90

Elite

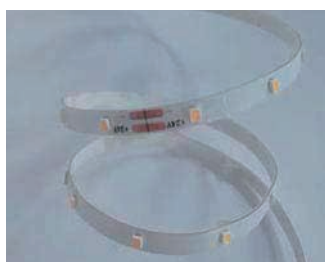
2216 Series



Features

- Excellent color rendition ability with optical parameters, with $Ra \geq 90$
- Linear lighting with demand of ultra-narrow and high-density performance
- High reliability and stability, 3-5 years warranty, ROHS approval
- Available in varying colors, cool white, neutral white and warm white
- Used in high-end LED market such as boutique and luxury apparel store








2216 24V 70D / M 4MM

 Protection
IP20

 Min. Cutting
100mm / 7LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W4*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B07003	 Cool White	24	4.8	490	102	>90
6LBR1NWJE0B07003	 Neutral White	24	4.8	480	100	>90
6LBR1WWJE0B07003	 Warm White	24	4.8	456	95	>90






2216 24V 70D / M 8MM

 Protection
IP20

 Min. Cutting
100mm / 7LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B07001	 Cool White	24	4.8	490	102	>90
6LBR1NWJE0B07001	 Neutral White	24	4.8	480	100	>90
6LBR1WWJE0B07001	 Warm White	24	4.8	456	95	>90






2216 24V 140D / M 4MM

 Protection
IP20

 Min. Cutting
50mm / 7LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W4*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B14003	 Cool White	24	9.6	980	102	>90
6LBR1NWJE0B14003	 Neutral White	24	9.6	960	100	>90
6LBR1WWJE0B14003	 Warm White	24	9.6	912	95	>90






2216 24V 140D / M 8MM

 Protection IP20

 Min. Cutting 50mm / 7LEDs

 Beam Angle 120°

 Dimensions(mm) L5000*W8*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B14001	 Cool White	24	9.6	980	102	>90
6LBR1NWJE0B14001	 Neutral White	24	9.6	960	100	>90
6LBR1WWJE0B14001	 Warm White	24	9.6	912	95	>90






2216 24V 240D / M 4MM

 Protection IP20

 Min. Cutting 25mm / 6LEDs

 Beam Angle 120°

 Dimensions(mm) L5000*W4*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B24001	 Cool White	24	19.2	1515	79	>90
6LBR1NWJE0B24001	 Neutral White	24	19.2	1478	77	>90
6LBR1WWJE0B24001	 Warm White	24	19.2	1440	75	>90






2216 24V 350D / M

 Protection IP20

 Min. Cutting 20mm / 7LEDs

 Beam Angle 120°

 Dimensions(mm) L5000*W10*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0B35001	 Cool White	24	28.8	2790	97	>90
6LBR1NWJE0B35001	 Neutral White	24	28.8	2620	91	>90
6LBR1WWJE0B35001	 Warm White	24	28.8	2460	85	>90

Elite

3528 Series



Features

- Available in cool white, neutral white and warm white
- With 3 LEDs / 6 LEDs in one circuit section, to achieve relatively high brightness output under same power consumption
- High reliability and stability, 3-5 years warranty, RoHS approval





3528 12V 60D / M



Protection
IP20



Min. Cutting
50mm / 3LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWNI0000001	Cool White	12	4.8	450	94	>80
6LBR1NWNII0000001	Neutral White	12	4.8	450	94	>80
6LBR1WWNI0000001	Warm White	12	4.8	410	85	>80
6LBR1RXNI0000001	Red	12	4.8	140	29	-
6LBR1TXNI0000003	Green	12	4.8	280	58	-
6LBR1BXNI0000001	Blue	12	4.8	80	16	-
6LBR1PXNI0000001	Deep Pink	12	4.8	300	62	>80
6LBR1PXNI0000002	Pink	12	4.8	300	62	>80
6LBR1CWNI0000010	Cool White	12	4.8	410	85	>90
6LBR1NWNII0000009	Neutral White	12	4.8	410	85	>90
6LBR1WWNI0000007	Warm White	12	4.8	388	81	>90

3528 24V 60D / M



Protection
IP20



Min. Cutting
100mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWNJ0000004	Cool White	24	4.8	450	94	>80
6LBR1NWNJ0000005	Neutral White	24	4.8	450	94	>80
6LBR1WWNJ0000006	Warm White	24	4.8	410	85	>80
6LBR1RXNJ0000002	Red	24	4.8	140	29	-
6LBR1TXNJ0000002	Green	24	4.8	280	58	-
6LBR1BXNJ0000002	Blue	24	4.8	80	16	-
6LBR1PXNJ0000003	Deep Pink	24	4.8	300	62	>80
6LBR1PXNJ0000005	Pink	24	4.8	300	62	>80
6LBR1CWNJ0000009	Cool White	24	4.8	410	85	>90
6LBR1NWNJ0000013	Neutral White	24	4.8	410	85	>90
6LBR1WWNJ0000011	Warm White	24	4.8	388	81	>90









3528 24V 120D / M

 Protection
IP20

 Min. Cutting
50mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0J12009	 Cool White	24	9.6	900	94	>80
6LBR1NWJE0J12009	 Neutral White	24	9.6	900	94	>80
6LBR1WWJE0J12009	 Warm White	24	9.6	820	85	>80
6LBR1CWJE0J12011	 Cool White	24	9.6	820	85	>90
6LBR1NWJE0J12011	 Neutral White	24	9.6	820	85	>90
6LBR1WWJE0J12011	 Warm White	24	9.6	780	81	>90








3528 24V 180D / M

 Protection
IP20

 Min. Cutting
33mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0J18002	 Cool White	24	14.4	1300	90	>80
6LBR1NWJE0J18002	 Neutral White	24	14.4	1300	90	>80
6LBR1WWJE0J18002	 Warm White	24	14.4	1165	81	>80
6LBR1CWJE0J18001	 Cool White	24	14.4	1165	81	>90
6LBR1NWJE0J18001	 Neutral White	24	14.4	1165	81	>90
6LBR1WWJE0J18001	 Warm White	24	14.4	1095	76	>90



3528 24V 240D / M



Protection
IP20









Min. Cutting
25mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W10*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0J24004	 Cool White	24	19.2	1705	89	>80
6LBR1NWJE0J24004	 Neutral White	24	19.2	1705	89	>80
6LBR1WWJE0J24004	 Warm White	24	19.2	1535	80	>80
6LBR1CWJE0J24003	 Cool White	24	19.2	1535	80	>90
6LBR1NWJE0J24003	 Neutral White	24	19.2	1535	80	>90
6LBR1WWJE0J24003	 Warm White	24	19.2	1440	75	>90

Elite Waterproof

3528 IP67 Series



Features

- Available in cool white, neutral white and warm white
- With 3 LEDs / 6 LEDs in one circuit section, to achieve relatively high brightness output under same power consumption
- Uniform, smooth and comfortable luminary up to 5 meters length
- IP67 with silicone tube technology makes high grade appearance, for indoor or outdoor usage
- High reliability and stability, 3-5 years warranty, ROHS approval








3528 12V 60D / M

 Protection
IP67

 Min. Cutting
50mm / 3LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1CWNI0000001	 Cool White	12	4.8	390	81	>80
6LBU1NWNII0000001	 Neutral White	12	4.8	380	79	>80
6LBU1WWNI0000001	 Warm White	12	4.8	340	71	>80






3528 24V 60D / M

 Protection
IP67

 Min. Cutting
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1CWNJ0000001	 Cool White	24	4.8	390	81	>80
6LBU1NWNJ0000001	 Neutral White	24	4.8	380	79	>80
6LBU1WWNJ0000001	 Warm White	24	4.8	340	71	>80

Elite Waterproof

5050 IP67 Series



Features

- Available in cool white, neutral white and warm white
- With 3 LEDs / 6 LEDs in one circuit section, to achieve relatively high brightness output under same power consumption
- Uniform, smooth and comfortable luminary up to 5 meters length
- Dimmable available with PWM signal
- IP67 with silicon tube technology makes high grade appearance, for indoor or outdoor usage
- High reliability and stability, 3-5 years warranty, ROHS approval





5050 12V 60D / M

 Protection
IP67

 Min. Cutting
50mm / 3LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1CWNI0000002	 Cool White	12	14.4	1225	85	>80
6LBU1NWNIO000002	 Neutral White	12	14.4	1225	85	>80
6LBU1WWNI0000002	 Warm White	12	14.4	1080	75	>80
6LBU1M1NI0000001	 RGB	12	14.4	R110/G285/B56	-	-



5050 24V 60D / M

 Protection
IP67

 Min. Cutting
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1CWNJ0000002	 Cool White	24	14.4	1225	85	>80
6LBU1NWNJ0000002	 Neutral White	24	14.4	1225	85	>80
6LBU1WWNJ0000002	 Warm White	24	14.4	1080	75	>80
6LBU1M1NJ0000002	 RGB	24	14.4	R110/G285/B56	-	-



Hunter

2835 & 5050 Series



Features

- Available in cool white, neutral white and warm white
- Getting specify and comfortable ambient
- High reliability and stability, 3 years warranty, RoHS approval





2835 12V / 24V 60D / M

 Protection
IP20

 Min. Cutting @12V
50mm / 3LEDs

 Min. Cutting @24V
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR2CWIE0S06002	Cool White	12	4.8	560	117	>80
6LBR2CWJE0S06002		24				
6LBR2NWIE0S06002	Neutral White	12	4.8	560	117	>80
6LBR2NWJE0S06002		24				
6LBR2WWIE0S06002	Warm White	12	4.8	510	106	>80
6LBR2WWJE0S06002		24				
6LBR2CWIE0S06004	Cool White	12	4.8	490	102	>90
6LBR2CWJE0S06004		24				
6LBR2NWIE0S06004	Neutral White	12	4.8	490	102	>90
6LBR2NWJE0S06004		24				
6LBR2WWIE0S06004	Warm White	12	4.8	450	94	>90
6LBR2WWJE0S06004		24				

2835 12V / 24V 60D / M

 Protection
IP54

 Min. Cutting @12V
50mm / 3LEDs

 Min. Cutting @24V
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H2.7

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2CWIE0S06001	Cool White	12	4.8	500	104	>80
6LBU2CWJE0S06001		24				
6LBU2NWIE0S06001	Neutral White	12	4.8	500	104	>80
6LBU2NWJE0S06001		24				
6LBU2WWIE0S06001	Warm White	12	4.8	455	95	>80
6LBU2WWJE0S06001		24				

2835 12V / 24V 60D / M



Protection
IP65



Min. Cutting @12V
50mm / 3LEDs



Min. Cutting @24V
100mm / 6LEDs

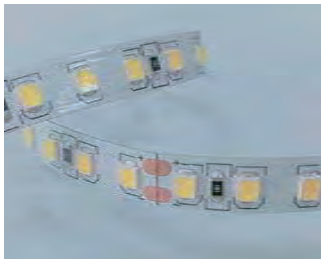


Beam Angle
120°



Dimensions(mm)
L5000*W10*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU6CWIE0S06001	Cool White	12	4.8	510	106	>80
6LBU6CWJE0S06001		24				
6LBU6NWIE0S06001	Neutral White	12	4.8	510	106	>80
6LBU6NWJE0S06001		24				
6LBU6WWIE0S06001	Warm White	12	4.8	465	97	>80
6LBU6WWJE0S06001		24				



2835 12V / 24V 120D / M



Protection
IP20



Min. Cutting @12V
25mm / 3LEDs



Min. Cutting @24V
50mm / 6LEDs

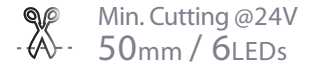


Beam Angle
120°



Dimensions(mm)
L5000*W8*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR2CWIE0S12002	Cool White	12	9.6	1120	117	>80
6LBR2CWJE0S12002		24				
6LBR2NWIE0S12002	Neutral White	12	9.6	1120	117	>80
6LBR2NWJE0S12002		24				
6LBR2WWIE0S12002	Warm White	12	9.6	1020	106	>80
6LBR2WWJE0S12002		24				
6LBR2CWIE0S12004	Cool White	12	9.6	980	102	>90
6LBR2CWJE0S12004		24				
6LBR2NWIE0S12004	Neutral White	12	9.6	980	102	>90
6LBR2NWJE0S12004		24				
6LBR2WWIE0S12004	Warm White	12	9.6	900	94	>90
6LBR2WWJE0S12004		24				

2835 12V / 24V 120D / M

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2CWIE0S12001	Cool White	12	9.6	1000	104	>80
6LBU2CWJE0S12001		24				
6LBU2NWIE0S12001	Neutral White	12	9.6	1000	104	>80
6LBU2NWJE0S12001		24				
6LBU2WWIE0S12001	Warm White	12	9.6	910	95	>80
6LBU2WWJE0S12001		24				

2835 12V / 24V 120D / M

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU6CWIE0S12001	Cool White	12	9.6	1020	106	>80
6LBU6CWJE0S12001		24				
6LBU6NWIE0S12001	Neutral White	12	9.6	1020	106	>80
6LBU6NWJE0S12001		24				
6LBU6WWIE0S12001	Warm White	12	9.6	930	97	>80
6LBU6WWJE0S12001		24				



5050 12V / 24V 60D / M



Protection
IP20



Min. Cutting @12V
50mm / 3LEDs



Min. Cutting @24V
100mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W10*H2.2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR2CWIE0M06002	Cool White	12	14.4	1470	102	>80
6LBR2CWJE0M06002		24				
6LBR2NWIE0M06002	Neutral White	12	14.4	1470	102	>80
6LBR2NWJE0M06002		24				
6LBR2WWIE0M06002	Warm White	12	14.4	1370	95	>80
6LBR2WWJE0M06002		24				
6LBR2M1IE0M06001	RGB	12	14.4	R125/G320/B65	-	-
6LBR2M1JE0M06001		24				

5050 12V / 24V 60D / M



Protection
IP54



Min. Cutting @12V
50mm / 3LEDs



Min. Cutting @24V
100mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W10*H3.0

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2CWIE0M06004	Cool White	12	14.4	1295	90	>80
6LBU2CWJE0M06004		24				
6LBU2NWIE0M06004	Neutral White	12	14.4	1295	90	>80
6LBU2NWJE0M06004		24				
6LBU2WWIE0M06004	Warm White	12	14.4	1165	81	>80
6LBU2WWJE0M06004		24				
6LBU2M1IE0M06004	RGB	12	14.4	R118/G300/B60	-	-
6LBU2M1JE0M06004		24				

5050 12V / 24V 60D / M

Protection
IP65Min. Cutting @12V
50mm / 3LEDsMin. Cutting @24V
100mm / 6LEDsBeam Angle
120°Dimensions(mm)
L5000*W12*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU6CWIE0M06001	Cool White	12	14.4	1325	92	>80
6LBU6CWJE0M06001		24				
6LBU6NWIE0M06001	Neutral White	12	14.4	1325	92	>80
6LBU6NWJE0M06001		24				
6LBU6WWIE0M06001	Warm White	12	14.4	1240	86	>80
6LBU6WWJE0M06001		24				
6LBU6M1IE0M06002	RGB	12	14.4	R112/G290/B58	-	-
6LBU6M1JE0M06002		24				

Hunter

2835 High Efficiency Series



Features

- High efficiency and lower cost, with 7 LEDs in one circuit section
- Available in cool white, neutral white and warm white
- Getting specify and comfortable ambient
- High reliability and stability, 3 years warranty, RoHS approval







2835 24V 70D / M

 Protection
IP20

 Min. Cutting
100mm / 7LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S07018	 Cool White	24	4.8	672	140	>80
6LBR1NWJE0S07018	 Neutral White	24	4.8	672	140	>80
6LBR1WWJE0S07018	 Warm White	24	4.8	624	130	>80






2835 24V 112D / M

 Protection
IP20

 Min. Cutting
62.5mm / 7LEDs

 Beam Angle
120°

 Dimension(mm)
L5000*W8*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S11208	 Cool White	24	9.6	1344	140	>80
6LBR1NWJE0S11208	 Neutral White	24	9.6	1344	140	>80
6LBR1WWJE0S11208	 Warm White	24	9.6	1248	130	>80



HE

2835 Ultra High Efficiency Series



Features

- The highest luminous efficiency is 195 lm / w
- Available in cool white, neutral white and warm white
- With 7LEDs / 8LEDs / 14LEDs in one circuit section to achieve relatively high brightness output under same power consumption
- High reliability and stability, 3-5 years warranty, ROHS approval





2835 24V 70D / M 165LM / W



Protection
IP20



Min. Cutting
100mm / 7LEDs

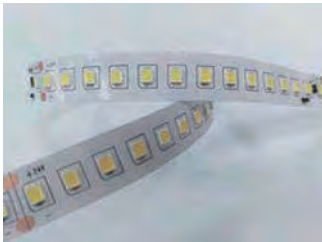


Beam Angle
120°



Dimensions(mm)
L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S07011	■ Cool White	24	14.4	2375	165	>80
6LBR1NWJE0S07011	■ Neutral White	24	14.4	2375	165	>80
6LBR1WWJE0S07011 @3000K	■ Warm White	24	14.4	2230	155	>80
6LBR1WWJE0S07013 @2700K				2088	145	



2835 24V 140D / M 165LM / W



Protection
IP20



Min. Cutting
100mm / 14LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W12*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S14011	■ Cool White	24	28.8	4750	165	>80
6LBR1NWJE0S14011	■ Neutral White	24	28.8	4750	165	>80
6LBR1WWJE0S14011 @3000K	■ Warm White	24	28.8	4465	155	>80
6LBR1WWJE0S14013 @2700K				4175	145	



2835 24V 80D / M 195LM / W



Protection
IP20






Min. Cutting
100mm / 8LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S08011	 Cool White	24	10.8	2105	195	>80
6LBR1NWJE0S08011	 Neutral White	24	10.8	2105	195	>80
6LBR1WWJE0S08011 @3000K	 Warm White	24	10.8	2000	185	>80
6LBR1WWJE0S08013 @2700K				1890	175	

HE

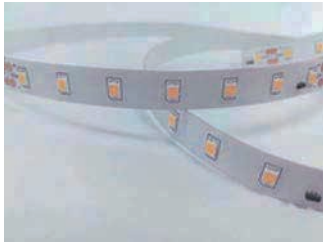
2835 High Efficiency Series



Features

- High efficiency series with 7 LEDs / 8 LEDs / 14 LEDs in one circuit section, to achieve relatively high brightness output under same power consumption
- Available in varying colors, 3-5 years warranty, ROHS approval
- Used in high-end LED market such as boutique and luxury apparel store





2835 24V 70D / M 150LM / W



Protection
IP20



Min. Cutting
100mm / 7LEDs

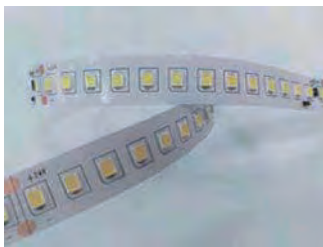


Beam Angle
120°



Dimensions(mm)
L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S07001	■ Cool White	24	14.4	2160	150	>80
6LBR1NWJE0S07001	■ Neutral White	24	14.4	2160	150	>80
6LBR1WWJE0S07001	■ Warm White	24	14.4	2015	140	>80
6LBR1CWJE0S07010	■ Cool White	24	14.4	1800	125	>90
6LBR1NWJE0S07010	■ Neutral White	24	14.4	1800	125	>90
6LBR1WWJE0S07010	■ Warm White	24	14.4	1655	115	>90



2835 24V 140D / M 150LM / W



Protection
IP20



Min. Cutting
100mm / 14LEDs

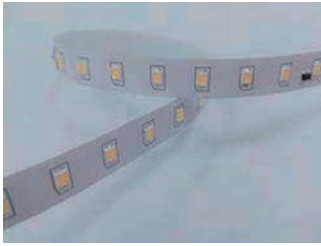


Beam Angle
120°



Dimensions(mm)
L5000*W12*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S14001	■ Cool White	24	28.8	4320	150	>80
6LBR1NWJE0S14001	■ Neutral White	24	28.8	4320	150	>80
6LBR1WWJE0S14001	■ Warm White	24	28.8	4030	140	>80
6LBR1CWJE0S14010	■ Cool White	24	28.8	3600	125	>90
6LBR1NWJE0S14010	■ Neutral White	24	28.8	3600	125	>90
6LBR1WWJE0S14010	■ Warm White	24	28.8	3310	115	>90
6LBR1M6JE0S07001	■ Cool White	24	14.4	2160	150	>80
	■ Warm White	24	14.4	2015	140	>80
6LBR1M6JE0S07010	■ Cool White	24	14.4	1800	125	>90
	■ Warm White	24	14.4	1655	115	>90









2835 24V 80D / M 170LM / W

 Protection
IP20

 Min. Cutting
100mm / 8LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1CWJE0S08001	 Cool White	24	10.8	1835	170	>80
6LBR1NWJE0S08001	 Neutral White	24	10.8	1835	170	>80
6LBR1WWJE0S08001	 Warm White	24	10.8	1730	160	>80
6LBR1CWJE0S08010	 Cool White	24	10.8	1565	145	>90
6LBR1NWJE0S08010	 Neutral White	24	10.8	1565	145	>90
6LBR1WWJE0S08010	 Warm White	24	10.8	1460	135	>90

HE

2835 PU Series



Features

- Using top quality material, such as high - end chip, high - quality phosphor and PU tube
- Excellent in waterproof function, and yellowing resistance
- Available in cool white, neutral white and warm white
- IP67 with PU tube process, for indoor or outdoor usage
- High reliability and stability, 3-5 years warranty, ROHS approval



RoHS
Compliance






2835 24V HE PU

 Protection
IP67




 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H3.8




2835 @ 42LEDs / m  Min. Cutting
166.7mm / 7LEDs

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU4CWJE0S04203	 Cool White	24	8.6	1000	116	>80
6LBU4NWJE0S04203	 Neutral White	24	8.6	960	112	>80
6LBU4WWJE0S04203	 Warm White	24	8.6	920	107	>80

2835 @ 70LEDs / m  Min. Cutting
100mm / 7LEDs

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU4CWJE0S07003	 Cool White	24	14.4	1680	117	>80
6LBU4NWJE0S07003	 Neutral White	24	14.4	1620	112	>80
6LBU4WWJE0S07003	 Warm White	24	14.4	1540	107	>80

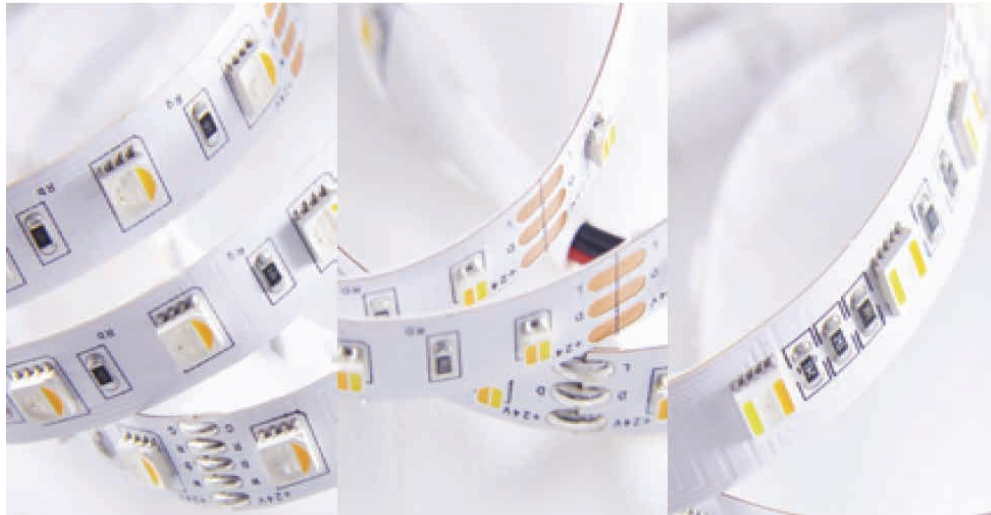
2835 @ 80LEDs / m  Min. Cutting
100mm / 8LEDs

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU4CWJE0S08001	 Cool White	24	10.8	1600	148	>80
6LBU4NWJE0S08001	 Neutral White	24	10.8	1560	145	>80
6LBU4WWJE0S08001	 Warm White	24	10.8	1500	139	>80



Colorful

2835 & 5050 Series









Features

- Multi - color & Multi - color temperature dimming pattern
- Cool white + warm white / RGBW / RGBWW multiple color combined, more appropriate for customized scenes lighting, such as boutique and luxury apparel store
- High reliability and stability, 3-5 years warranty, RoHS approval



2835 24V 60D / M

 Protection IP20	 Min. Cutting 100mm / 6LEDs
 Beam Angle 120°	 Dimensions(mm) L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WCJE0S06001	 Cool White	24	4.8	450	94	>80
	 Warm White	24	4.8	420	88	>80





2835 24V 120D / M

 Protection
IP20

 Min. Cutting
50mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WCJE0S12001	 Cool White	24	9.6	900	94	>80
	 Warm White	24	9.6	840	88	>80








5050RGBW 24V 60D / M

 Protection
IP20

 Min. Cutting
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H2.2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MCJE0M06001	 Red	24	3.6	90	25	-
	 Green	24	3.6	300	83	-
	 Blue	24	3.6	50	14	-
	 Cool White	24	3.6	310	86	>80
6LBR1MNJE0M06001	 Red	24	3.6	90	25	-
	 Green	24	3.6	300	83	-
	 Blue	24	3.6	50	14	-
	 Neutral White	24	3.6	290	80	>80
6LBR1MWJE0M06001	 Red	24	3.6	90	25	-
	 Green	24	3.6	300	83	-
	 Blue	24	3.6	50	14	-
	 Warm White	24	3.6	270	75	>80








5050RGBWW 12V 60D / M

 Protection
IP20

 Min. Cutting
50mm / 3LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MTIE0M06011	 Warm White	12	3.6	270	75	>80
	 Red	12	3.6	72	20	-
	 Green	12	3.6	200	55	-
	 Blue	12	3.6	45	12	-
	 Cool White	12	3.6	330	92	>80







5050RGBWW 24V 60D / M

 Protection
IP20

 Min. Cutting
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MTJE0M06011	 Warm White	24	3.6	270	75	>80
	 Red	24	3.6	72	20	-
	 Green	24	3.6	200	55	-
	 Blue	24	3.6	45	12	-
	 Cool White	24	3.6	330	92	>80

Colorful

4040 Series



Features

- Compact PKG 4040 for high density strips design, 120D per meter and 8.33mm LED distance.
- 3M double-sided tape for easy mounting
- Waterproof Level: IP20/ IP54
- Uniform light without spots.




















4040RGB/RGBW 24V 120D / M

 Protection
IP20

 Min. Cutting
50 mm / 6 LEDs

 Beam Angle
120°

 Dimensions(mm)
L5000*W10*H2.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MWJE0N12002	 Warm White	24	5.4	350	65	>90
	 Red	24	5.4	146	27	-
	 Green	24	5.4	421	78	-
	 Blue	24	5.4	97	18	-
6LBR1MNJE0N12001	 Neutral White	24	5.4	378	70	>90
	 Red	24	5.4	146	27	-
	 Green	24	5.4	421	78	-
	 Blue	24	5.4	97	18	-
6LBR1MCJE0N12001	 Cool White	24	5.4	378	70	>90
	 Red	24	5.4	146	27	-
	 Green	24	5.4	421	78	-
	 Blue	24	5.4	97	18	-
6LBR1M1JE0N12001	 Red	24	7.2	187	26	-
	 Green	24	7.2	504	70	-
	 Blue	24	7.2	122	17	-

Colorful

5050 Magic Strip Series



Features

- Waterproof level: IP20/IP54
- Breakpoint continuation function, when one of the LEDs does not work, it will not affect the rest of the LEDs. It has higher stability.
- Using a typical data transmission frequency of 800 Kbps
- Widely applicable to SPI controller





5050RGB 5V 60D / M



Protection
IP20



Min. Cutting
16.67 mm / 1LED



Beam Angle
120°



Dimensions(mm)
L5010*W10*H2.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MBDE0M06001	■ Red	5	4	60	15	-
	■ Green	5	4	170	42.5	-
	■ Blue	5	4	40	10	-



5050RGB 12V 60D / M



Protection
IP20



Min. Cutting
50 mm / 3LEDs



Beam Angle
120°



Dimensions(mm)
L5010*W10*H2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1MBIE0M06003	■ Red	12	4.1	125	30.4	-
	■ Green	12	4.1	280	68.2	-
	■ Blue	12	4.1	47	11.4	-




5050RGB 12V 60D / M

 Protection
IP54

 Min. Cutting
50mm / 3LEDs

 Beam Angle
120°

 Dimensions(mm)
L5010*W10*H2.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2MBIE0M06001	 Red	12	4.1	119	29	-
	 Green	12	4.1	243	59.2	-
	 Blue	12	4.1	57	14	-






5050RGB 24V 60D / M

 Protection
IP20

 Min. Cutting
100mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5010*W10*H2.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2MBIE0M06001	 Red	24	6	105	17.5	-
	 Green	24	6	270	45	-
	 Blue	24	6	65	10.8	-




5050RGB
24V 60D / M

 Protection
IP54

 Min. Cutting
100 mm / 6LEDs

 Beam Angle
120°

 Dimensions(mm)
L5010*W10*H3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU2MBIE0M06001	 Red	24	6	100	16.6	-
	 Green	24	6	240	40	-
	 Blue	24	6	55	9.1	-

Neon

IP67 Silicone Series



Features

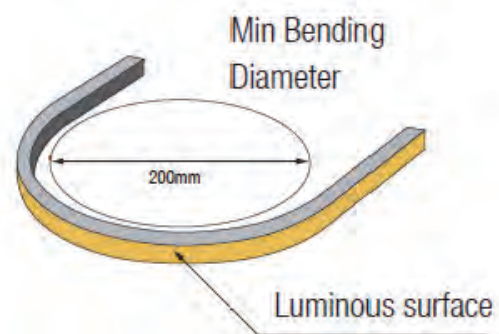
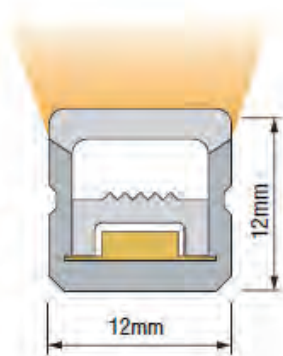
- Dual-color silicone extrusion process with cutting mark clearly visible
- High UV & salt spray corrosion resistance
- Ideal for architectural outline / decorative lighting
- Small color tolerance, Ra > 90
- 3-years Warranty



1212 24V



Across section
size's picture

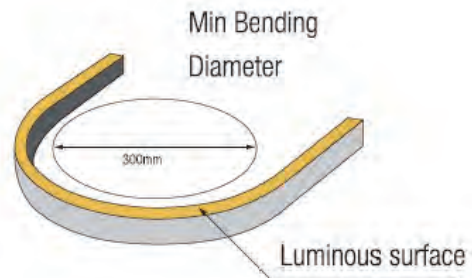
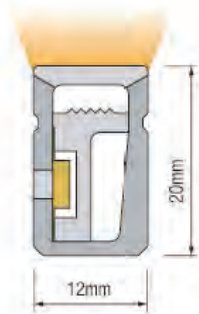


Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU524JE0S12006	■ Warm White	24	10	560	56	>90
6LBU527JE0S12006	■ Warm White	24	10	640	64	>90
6LBU530JE0S12006	■ Warm White	24	10	640	64	>90
6LBU540JE0S12006	■ Neutral White	24	10	670	67	>90
6LBU560JE0S12006	■ Cool White	24	10	660	66	>90
6LBU5RXJE0S12006	■ Red	24	10	280	28	-
6LBU5TXJE0S12006	■ Green	24	10	700	70	-
6LBU5BXJE0S12006	■ Blue	24	10	130	13	-
6LBU5YXJE0S12006	■ Amber	24	10	50	5	-
6LBU5PXJE0S12006	■ Pink	24	10	280	28	-

1220 24V



Across section size's picture



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU524JE0S12008	Warm White	24	15	410	27	>90
6LBU527JE0S12008	Warm White	24	15	430	29	>90
6LBU530JE0S12008	Warm White	24	15	430	29	>90
6LBU540JE0S12008	Neutral White	24	15	470	31	>90
6LBU560JE0S12008	Cool White	24	15	460	31	>90
6LBU5RXJE0S12008	Red	24	15	200	13	-
6LBU5TXJE0S12008	Green	24	15	470	31	-
6LBU5BXJE0S12008	Blue	24	15	90	6	-
6LBU5YXJE0S12008	Amber	24	15	40	2.6	-
6LBU5PXJE0S12008	Pink	24	15	200	13	-
6LBU5M6JE0G12003	Warm White	24	7.5	229	30.5	>90
	Cool White	24	7.5	244	32.5	>90

1220 24V

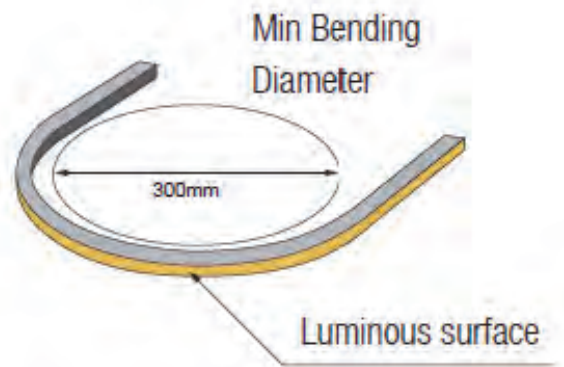
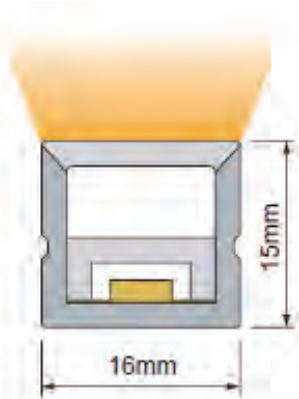


Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU5M1JE0M09608	Red	24	5.0	50	10	-
	Green	24	5.0	97	19	-
	Blue	24	5.0	20	4	-
6LBU5MWJE0M09603	Warm White	24	3.8	114	30	>80
	Red	24	3.8	32	8.4	-
	Green	24	3.8	102	26.8	-
	Blue	24	3.8	28	7.4	-
6LBU5MWJE0M09606	Warm White	24	3.8	124	32.6	>80
	Red	24	3.8	32	8.4	-
	Green	24	3.8	102	26.8	-
	Blue	24	3.8	28	7.4	-
6LBU5MNJE0M09604	Neutral White	24	3.8	126	33.2	>80
	Red	24	3.8	32	8.4	-
	Green	24	3.8	102	26.8	-
	Blue	24	3.8	28	7.4	-
6LBU5MCJE0M09603	Cool White	24	3.8	126	33.2	>80
	Red	24	3.8	32	8.4	-
	Green	24	3.8	102	26.8	-
	Blue	24	3.8	28	7.4	-

1615 24V



Across section size's picture



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU524JE0S12007	■ Warm White	24	15	660	44	>90
6LBU527JE0S12007	■ Warm White	24	15	770	51	>90
6LBU530JE0S12007	■ Warm White	24	15	770	51	>90
6LBU540JE0S12007	■ Neutral White	24	15	800	53	>90
6LBU560JE0S12007	■ Cool White	24	15	780	52	>90
6LBU5RXJE0S12007	■ Red	24	15	320	21	-
6LBU5TXJE0S12007	■ Green	24	15	700	47	-
6LBU5BXJE0S12007	■ Blue	24	15	150	10	-
6LBU5YXJE0S12007	■ Amber	24	15	60	4	-
6LBU5PXJE0S12007	■ Pink	24	15	300	20	-
6LBU5M6JE0G12004	■ Warm White	24	7.5	264	35.2	>90
	■ Cool White	24	7.5	387	51.6	>90

1615 24V



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU5M1JE0M09607	Red	24	5.0	80	16	-
	Green	24	5.0	194	39	-
	Blue	24	5.0	41	8	-
6LBU5MWJE0M09607	Warm White	24	3.8	191	50	>80
	Red	24	3.8	55	14.5	-
	Green	24	3.8	156	41	-
	Blue	24	3.8	42	11	-
6LBU5MWJE0M09608	Warm White	24	3.8	207	54.5	>80
	Red	24	3.8	55	14.5	-
	Green	24	3.8	156	41	-
	Blue	24	3.8	42	11	-
6LBU5MNJE0M09607	Neutral White	24	3.8	209	55	>80
	Red	24	3.8	55	14.5	-
	Green	24	3.8	156	41	-
	Blue	24	3.8	42	11	-
6LBU5MCJE0M09604	Cool White	24	3.8	209	55	>80
	Red	24	3.8	55	14.5	-
	Green	24	3.8	156	41	-
	Blue	24	3.8	42	11	-

Neon

IP68 PU Series

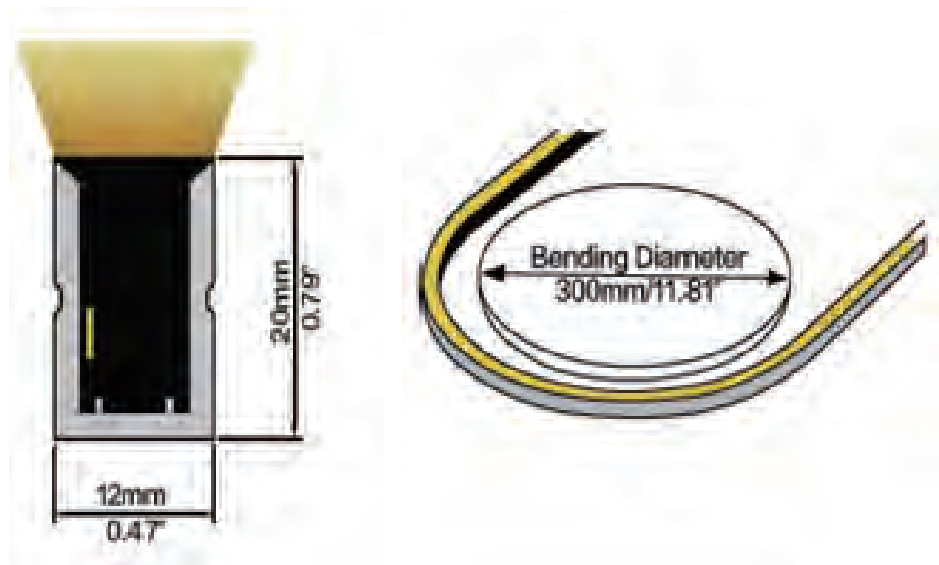


Features

- High UV & salt spray corrosion resistance
- Ideal for architectural outline / decorative lighting
- Small color tolerance, Ra > 90
- 3-years Warranty
- IP68 protection

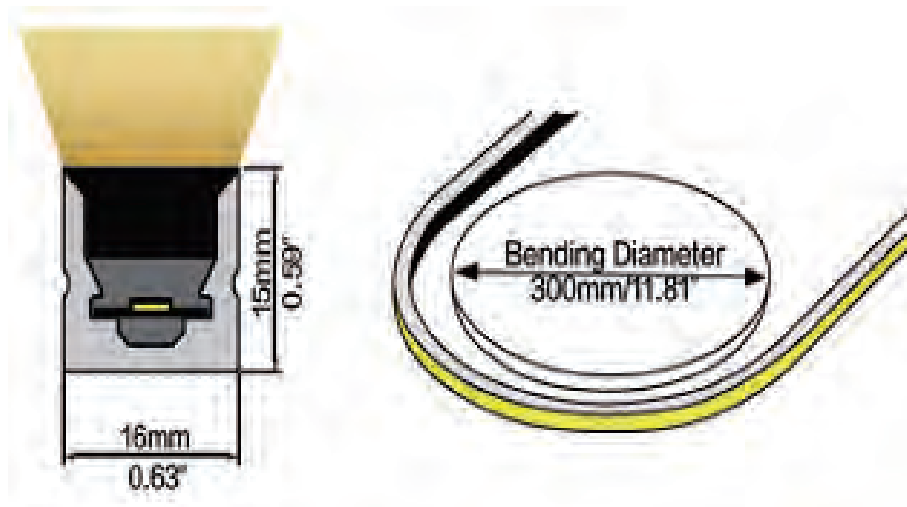


1220 24V



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU427JA0G14002	■ Warm White	24	10	400	40	>90
6LBU430JA0G14002	■ Warm White	24	10	410	41	>90
6LBU440JA0G14002	■ Neutral White	24	10	420	42	>90
6LBU465JA0G14002	■ Cool White	24	10	420	42	>90
6LBU4RXJA0G14002	■ Red	24	10	150	15	-
6LBU4TXJA0G14002	■ Green	24	10	310	31	-
6LBU4BXJA0G14002	■ Blue	24	10	70	7	-
6LBU4AXJA0G14002	■ Amber	24	10	150	15	-
6LBU4PXJA0G14002	■ Pink	24	10	240	24	-
6LBU4M1JA0E08402	■ Red	24	3.3	56	17	-
	■ Green	24	3.3	125	38	-
	■ Blue	24	3.3	23	7	-

1615 24V



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU427JA0G14001	■ Warm White	24	10	620	62	>90
6LBU430JA0G14001	■ Warm White	24	10	640	64	>90
6LBU440JA0G14001	■ Neutral White	24	10	650	65	>90
6LBU465JA0G14001	■ Cool White	24	10	650	65	>90
6LBU4RXJA0G14001	■ Red	24	10	200	20	-
6LBU4TXJA0G14001	■ Green	24	10	390	39	-
6LBU4BXJA0G14001	■ Blue	24	10	85	8.5	-
6LBU4AXJA0G14001	■ Amber	24	10	210	21	-
6LBU4PXJA0G14001	■ Pink	24	10	350	35	-
6LBU4M1JA0E08401	■ Red	24	3.3	82.5	25	-
	■ Green	24	3.3	191	58	-
	■ Blue	33	3.3	50	10	-

Neon

R25 360° Neon Strips Series

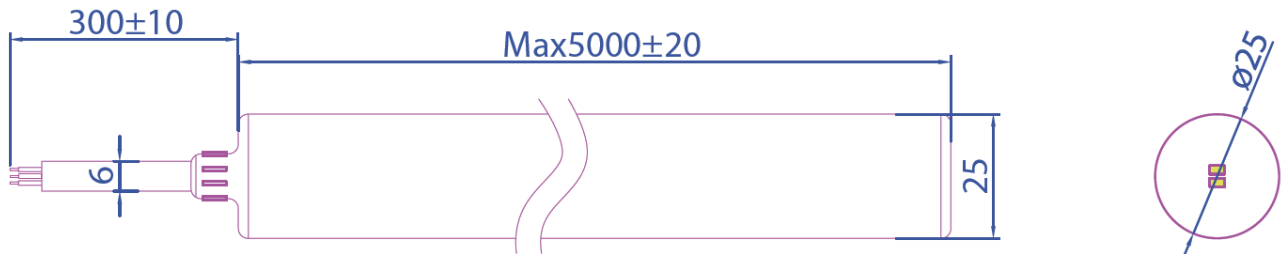


Features

- Various color options: 2400K/2700K/3000K/4000K/6000K/Dual Color/Red/Green Blue/Yellow/Pink
- Higher Specs: Ra>90 for White Color Series
- Integrated extrusion molding process, high light transmittance
- Excellent toughness, stylish appearance, elegant design
- Silicone material. Salt, acid, alkali corrosion, UV and fire resistance
- 3-years warranty



R25 IP65 360°



Unit : mm

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU124JA0S24001	■ Warm White	24	10	510	51	≥90
6LBU127JA0S24001	■ Warm White	24	10	510	51	≥90
6LBU130JA0S24001	■ Warm White	24	10	510	51	≥90
6LBU140JA0S24001	■ Neutral White	24	10	550	55	≥90
6LBU160JA0S24001	■ Cool White	24	10	580	58	≥90
6LBU1M6JA0S24001	■ Warm white	24	5	255	51	≥90
	■ Cool White	24	5	290	58	≥90
6LBU1RXJA0S24001	■ Red	24	10	240	24	-
6LBU1TXJA0S24001	■ Green	24	10	500	500	-
6LBU1BXJA0S24001	■ Blue	24	10	110	11	-
6LBU1YXJA0S24001	■ Yellow	24	10	200	20	-
6LBU1PXJA0S24001	■ Pink	24	10	400	40	-

Neon

Double-Sided IP65 Series

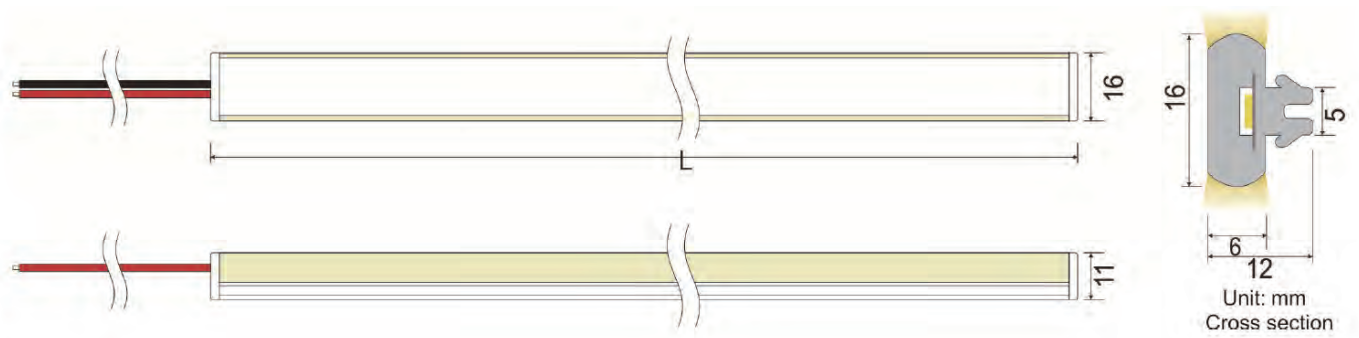


Features

- Salt resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance
- Environment-friendly silicone material, integrated extrusion molding process
- Unique two-sided luminous structure design
- 3-year warranty



1612



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU627JA0S12001	Warm White	24	10	458	45.8	>90
6LBU630JA0S12001	Warm White	24	10	450	45	>90
6LBU640JA0S12001	Neutral White	24	10	510	51	>90
6LBU660JA0S12001	Cool White	24	10	452	45.2	>90
6LBU6RXJA0S12001	Red	24	10	212	21.2	-
6LBU6TXJA0S12001	Green	24	10	505	50.5	-
6LBU6BXJA0S12001	Blue	24	10	125	12.5	-
6LBU6YXJA0S12001	Yellow	24	10	161	16.1	-
6LBU6M6JA0S19201	Warm White	24	5	280	56	>90
	Cool White	24	5	272	54	>90
6LBU6M1JA0S12001	Red	24	3.3	42	12.7	-
	Green	24	3.5	133	38	-
	Blue	24	3.0	18	6	-

Neon

Embedded IP44 Series



Features

- Salt resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance
- Environment-friendly silicone material, integrated extrusion molding process
- 3-year warranty

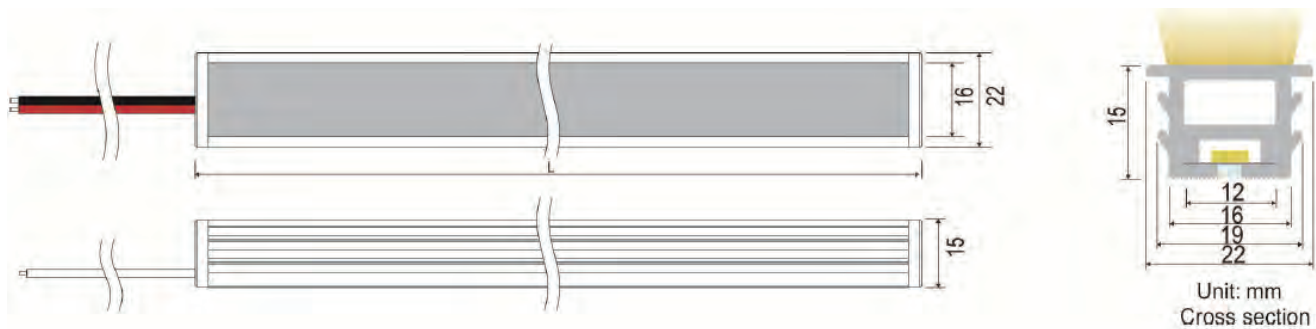


1220



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU627JA0S12003	■ Warm White	24	10	365	36.5	>90
6LBU630JA0S12003	■ Warm White	24	10	370	37	>90
6LBU640JA0S12003	■ Neutral White	24	10	407	40.7	>90
6LBU658JA0S12003	■ Cool White	24	10	378	37.8	>90
6LBU6RXJA0S12003	■ Red	24	10	169	16.9	-
6LBU6TXJA0S12003	■ Green	24	10	427	42.7	-
6LBU6BXJA0S12003	■ Blue	24	10	98	9.8	-
6LBU6YXJA0S12003	■ Yellow	24	10	126	12.6	-
6LBU6M6JA0S19203	■ Warm White	24	5	226	45.2	>90
	■ Cool White	24	5	241	48.2	>90
6LBU6M1JA0M08403	■ Red	24	3.3	45	13.6	-
	■ Green	24	3.5	173	52.4	-
	■ Blue	24	3.0	34	10.3	-

1615



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU630JA0S12002	Warm White	24	10	607	60.7	>90
6LBU641JA0S12002	Neutral White	24	10	663	66.3	>90
6LBU660JA0S12002	Cool White	24	10	630	63	>90
6LBU6RXJA0S12002	Red	24	10	256	25.6	-
6LBU6TXJA0S12002	Green	24	10	666	66.6	-
6LBU6BXJA0S12002	Blue	24	10	157	15.7	-
6LBU6YXJA0S12002	Yellow	24	10	198	19.8	-
6LBU6M6JA0S19202	Warm White	24	5	348	69.6	>90
	Cool White	24	5	366	73.2	>90
6LBU6M1JA0M08402	Red	24	3.3	71	21.5	-
	Green	24	3.3	284	86.1	-
	Blue	24	3.3	56	17	-

Neon

Neon 0408 IP65 Series

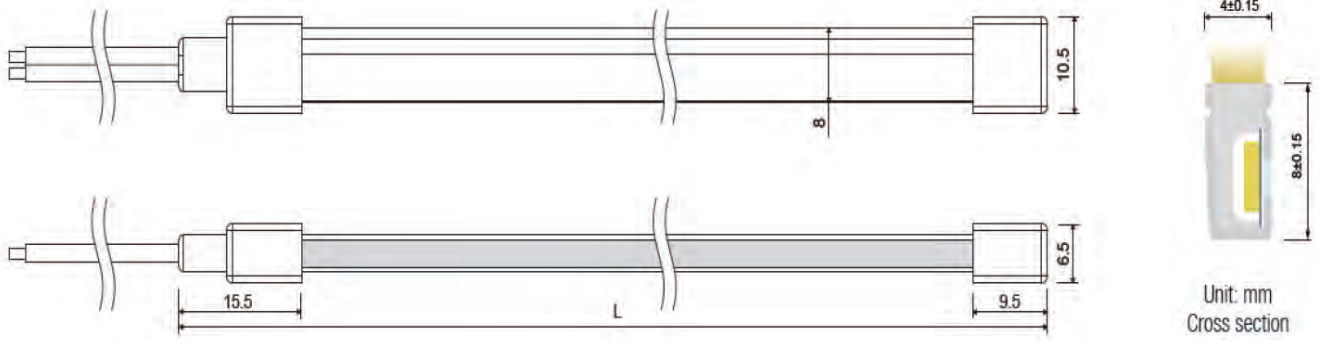


Features

- Uniform lighting surface and no shadow
- Available for aluminum profile mounting
- 3-year warranty



0408 IP65



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU127JA0B24001	■ Warm White	24	6	186	31	>90
6LBU130JA0B24001	■ Warm White	24	6	192	32	>90
6LBU140JA0B24001	■ Neutral White	24	6	204	34	>90
6LBU155JA0B24001	■ Cool White	24	6	204	34	>90

Neon

Neon 0606 IP67 Series

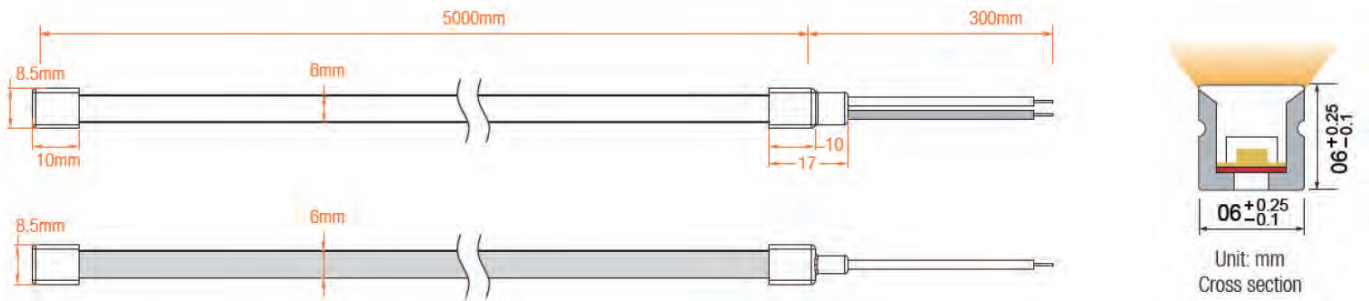


Features

- Uniform lighting surface and no shadow
- Available for aluminum profile mounting
- 3-year warranty



0606 IP67



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU528JA0B24001	■ Warm White	24	6	516	86	≥ 90
6LBU532JA0B24001	■ Warm White	24	6	528	88	≥ 90
6LBU538JA0B24001	■ Neutral White	24	6	546	91	≥ 90
6LBU556JA0B24001	■ Cool White	24	6	546	91	≥ 90

Neon

Neon 0612 IP67 Series

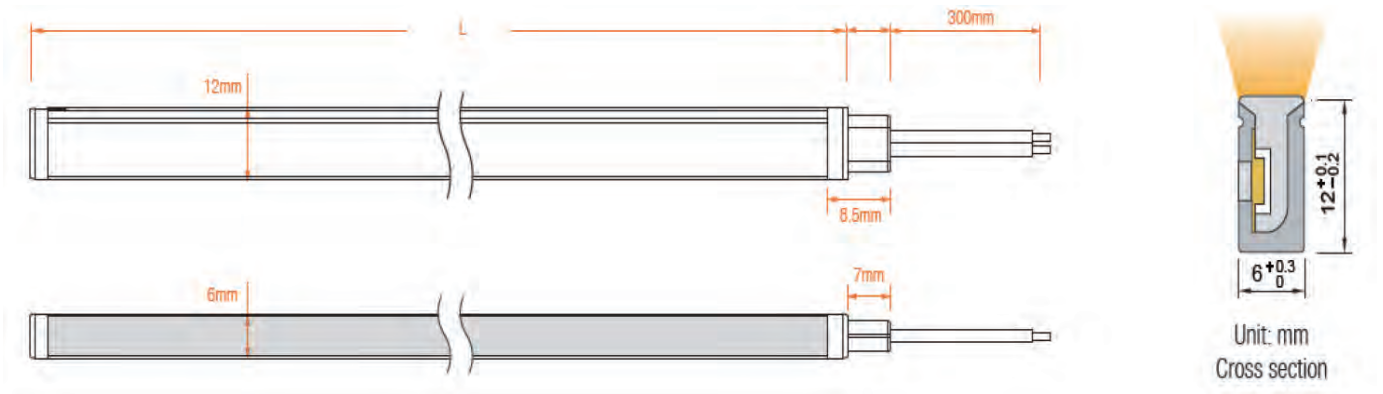


Features

- Uniform lighting surface and no shadow
- Available for aluminum profile mounting
- 3-year warranty



0612 IP67



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU527JA0S12001	■ Warm White	24	10	350	35	>90
6LBU530JA0S12001	■ Warm White	24	10	360	36	>90
6LBU540JA0S12001	■ Neutral White	24	10	390	39	>90
6LBU560JA0S12001	■ Cool White	24	10	400	40	>90
6LBU5M6JA0S09601	■ Warm White	24	5	150	30	>90
	■ Cool White	24	5	170	34	>90
6LBU5M1JAS012001	■ Red	24	3.3	43	13	-
	■ Green	24	3.3	100	33	-
	■ Blue	24	3.3	20	6	-

Neon

FCOB Plus IP65 Series

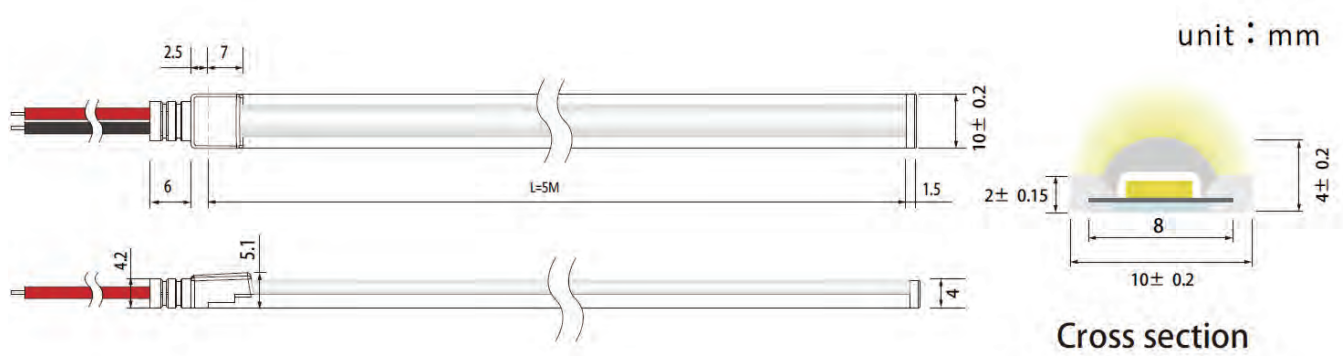


Features

- Abrasive technology for better feeling
- Food grade silicone material for anti-corrosion and UV protection
- Extrusion technology
- IP 65



FCOB Plus IP65

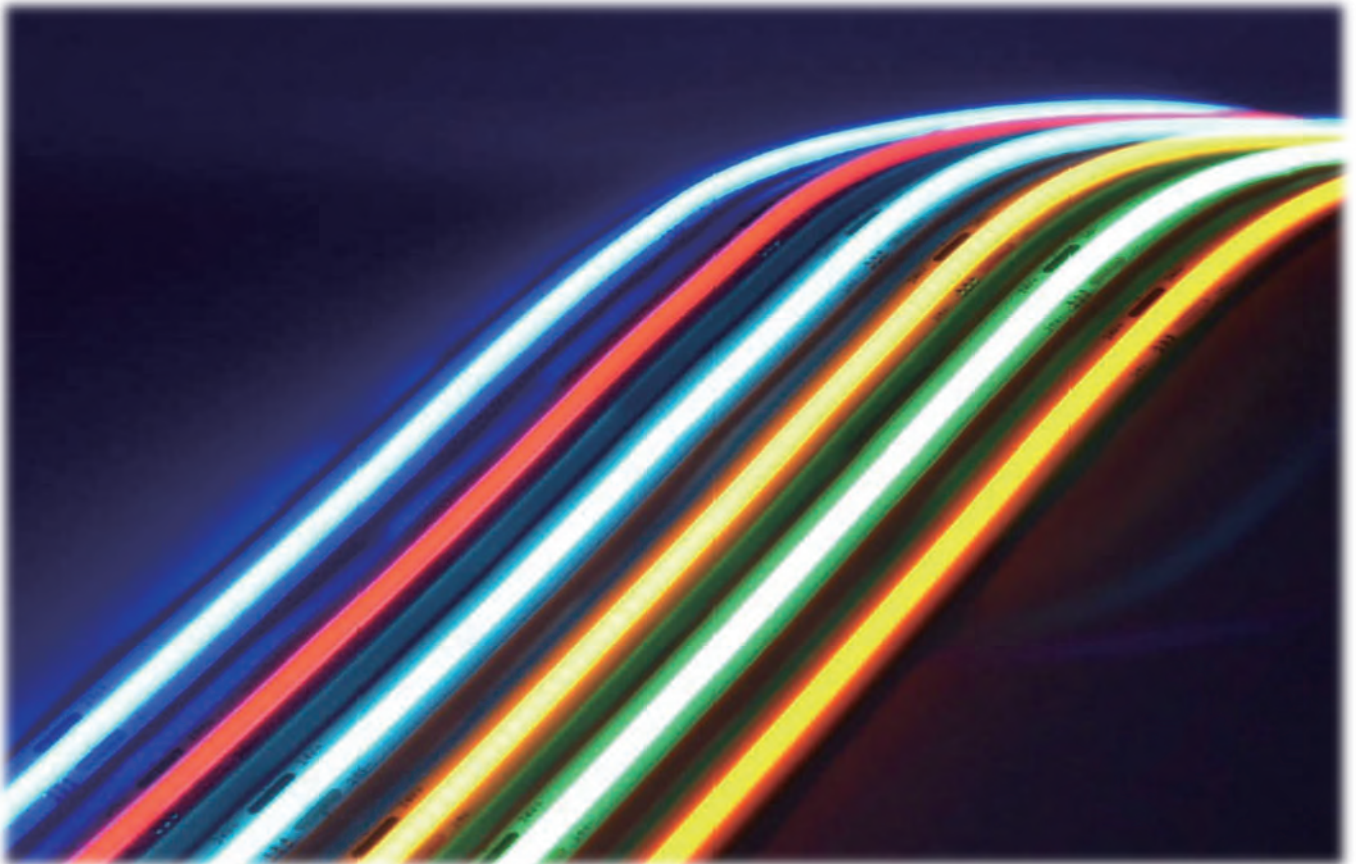


Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU627JA0F28001	■ Warm White	24	10	910	91	≥ 90
6LBU630JA0F28001	■ Warm White	24	10	920	92	≥ 90
6LBU640JA0F28001	■ Neutral White	24	10	1000	100	≥ 90
6LBU665JA0F28001	■ Cool White	24	10	990	99	≥ 90



FCOB

FCOB Strip Series



Features

- 2700~6500K, Red, Blue, Green, Dual Color, RGB RGBW, RGBCW
- 3M double-sided tape for easy mounting
- IP20/65





FCOB 24V 320D / M Reel to Reel



Protection
IP20



Min. Cutting @24V
50 mm



Beam Angle
140°



Dimensions(mm)
L5000*W8*H2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR327JE0F32002	■ Warm White	24	10±15%	780±10%	78±10%	>90
6LBR330JE0F32002	■ Warm White	24	10±15%	800±10%	80±10%	>90
6LBR340JE0F32002	■ Neutral White	24	10±15%	870±10%	87±10%	>90
6LBR365JE0F32002	■ Cool White	24	10±15%	870±10%	87±10%	>90

FCOB 24V 320D / M Reel to Reel



Protection
IP65



Min. Cutting @24V
50 mm



Beam Angle
140°



Dimensions(mm)
L5000*W10*H5.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU127JE0F32002	■ Warm White	24	10±15%	720±10%	72±10%	>90
6LBU130JE0F32002	■ Warm White	24	10±15%	750±10%	75±10%	>90
6LBU140JE0F32002	■ Neutral White	24	10±15%	800±10%	80±10%	>90
6LBU165JE0F32002	■ Cool White	24	10±15%	800±10%	80±10%	>90



FCOB 24V 512D / M HE



Protection
IP20



Min. Cutting @24V
62.5 mm



Beam Angle
140°



Dimensions(mm)
L5000*W8*H2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR327JE0F51202	Warm White	24	10±10%	1150±10%	115±10%	>90
6LBR330JE0F51202	Warm White	24	10±10%	1200±10%	120±10%	>90
6LBR340JE0F51202	Neutral White	24	10±10%	1250±10%	125±10%	>90
6LBR365JE0F51202	Cool White	24	10±10%	1250±10%	125±10%	>90

FCOB 24V 512D / M HE



Protection
IP65



Min. Cutting @24V
62.5 mm



Beam Angle
140°



Dimensions(mm)
L5000*W10*H5.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU127JE0F51202	Warm White	24	10±10%	1030±10%	103±10%	>90
6LBU130JE0F51202	Warm White	24	10±10%	1080±10%	108±10%	>90
6LBU140JE0F51202	Neutral White	24	10±10%	1130±10%	113±10%	>90
6LBU165JE0F51202	Cool White	24	10±10%	1130±10%	113±10%	>90

FCOB 24V 528D / M Narrow 5mm



Protection
IP20



Min. Cutting @24V
45.2 mm

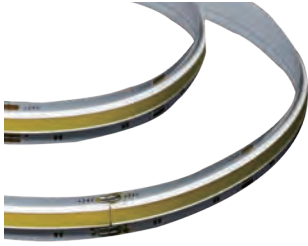


Beam Angle
140°



Dimensions(mm)
L5000*W5*H2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR327JE0F52802	Warm White	24	8±10%	640±10%	80±10%	>90
6LBR330JE0F52802	Warm White	24	8±10%	680±10%	85±10%	>90
6LBR340JE0F52802	Neutral White	24	8±10%	720±10%	90±10%	>90
6LBR365JE0F52802	Cool White	24	8±10%	720±10%	90±10%	>90
6LBR3BXJE0F52802	Red	24	8±10%	160±10%	20±10%	-
6LBR3TXJE0F52802	Green	24	8±10%	960±10%	120±10%	-
6LBR3RXJE0F52802	Blue	24	8±10%	120±10%	15±10%	-



FCOB 24V 1008D / M Dual Color



Protection
IP20



Min. Cutting @24V
41.7 mm



Beam Angle
140°



Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M6JE0F50402	■ Warm White	24	8.5±10%	510±10%	60±10%	>90
	■ Cool White	24	8.5±10%	660±10%	75±10%	>90



FCOB RGB+CW 24V 700D / M



Protection
IP20



Min. Cutting @24V
100mm



Beam Angle
140°



Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3FTJE0F70001	■ Red	24	Max 4.5	105±20%	23.3	-
	■ Green	24	Max 4.5	330±20%	73.3	-
	■ Blue	24	Max 4.5	55±20%	12.2	-
	■ Warm White	24	Max 4.5	260±20%	57.7	>90
	■ Cool White	24	Max 4.5	270±20%	60	>90



FCOB RGB+2700K 24V 560D / M

 Protection
IP20



 Min. Cutting @24V
100 mm

 Beam Angle
140°





 Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M7JE0F56001	 Red	24	Max 4.5	105±20%	23.3	-
	 Green	24	Max 4.5	330±20%	73.3	-
	 Blue	24	Max 4.5	55±20%	12.2	-
	 Warm White	24	Max 4.5	260±20%	57.7	>90





FCOB RGB+3000K 24V 560D / M

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M7JE0F56002	 Red	24	Max 4.5	105±20%	23.3	-
	 Green	24	Max 4.5	330±20%	73.3	-
	 Blue	24	Max 4.5	55±20%	12.2	-
	 Warm White	24	Max 4.5	260±20%	57.7	>90

FCOB RGB+4000K 24V 560D / M

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3N0JE0F56001	 Red	24	Max 4.5	105±20%	23.3	-
	 Green	24	Max 4.5	330±20%	73.3	-
	 Blue	24	Max 4.5	55±20%	12.2	-
	 Neutral White	24	Max 4.5	275±20%	61.1	>90

FCOB RGB+v6500K 24V 560D / M

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M2JE0F56001	 Red	24	Max 4.5	105±20%	23.3	-
	 Green	24	Max 4.5	330±20%	73.3	-
	 Blue	24	Max 4.5	55±20%	12.2	-
	 Cool White	24	Max 4.5	290±20%	64.4	>90



FCOB RGB 24V 1134D / M



Protection
IP20



Min. Cutting @24V
55.6 mm



Beam Angle
140°



Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M1JE0F36002	■ Red	24	Max 5.5	110±20%	20	-
	■ Green	24	Max 5.5	400±20%	72.7	-
	■ Blue	24	Max 5.5	50±20%	9.1	-



FCOB Side-emitting 24V 378D / M



Protection
IP20



Min. Cutting @24V
55.6 mm



Beam Angle
140°



Dimensions(mm)
L5000*W10*H3.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR327JE0F37801	■ Warm White	24	10±10%	290±20%	29	>90
6L BR330JE0F37801	■ Warm White	24	10±10%	290±20%	29	>90
6LBR340JE0F37801	■ Neutral White	24	10±10%	300±20%	30	>90
6BR365JE0F37801	■ Cool White	24	10±10%	300±20%	30	>90



FCOB SPI-Magic 24V 840D / M



Protection
IP20



Min. Cutting @24V
100mm



Beam Angle
140°



Dimensions(mm)
L5000*W12*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR3M1JE0F42001	■ Red	24	6±10%	120±20%	20	-
	■ Green	24	6±10%	540±20%	90	-
	■ Blue	24	6±10%	80±20%	13.3	-



Professional

Full Spectrum Series



Features

- Infinite close to the sun light band, high fidelity and saturation, the perfect embodiment of the color of the object
- Small color tolerance, Ra> 95
- Color temperature 2700K, 3000K, 4000K and 5700K
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- 3-year guarantee





2835 24V 120D / M



Protection
IP20







Min. Cutting
50mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W8*H2.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWJE0S12018	 Warm White	24	9.6	800	84	>95
	 Warm White	24	9.6	800	84	>95
6LBR1NWJE0S12018	 Neutral White	24	9.6	860	90	>95
6LBR1CWJE0S12018	 Cool White	24	9.6	860	90	>95

Professional

Amber Light Series



Features

- Small color tolerance
- Amber light, color temperature 1800K
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- 3-year guarantee





2835 24V 120D / M



Protection
IP20



Min. Cutting
50mm / 6LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W8*H2.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)
6LBR1AXJE0S12001	■ Warm White	24	9.6	860	90

Professional

3014 Side-Emitting Lightbar Series



Features

- High CRI(Ra) > 90
- Side-emitting
- 3M double-sided tape for easy mounting
- 3-year warranty





3014 24V 120D / M



Protection
IP20



Min. Cutting
62.5 mm / 7LEDs



Beam Angle
120°



Dimensions(mm)
L5000*W8*H2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR127JEOG11201	■ Warm White	24	4.8	505	105	>90
6LBR130JEOG11201	■ Warm White	24	4.8	505	105	>90
6LBR140JEOG11201	■ Neutral White	24	4.8	530	110	>90
6LBR150JEOG11201	■ Cool White	24	4.8	530	110	>90
6LBR127JEOG11202	■ Warm White	24	9.6	960	100	>90
6LBR130JEOG11202	■ Warm White	24	9.6	960	100	>90
6LBR140JEOG11202	■ Neutral White	24	9.6	1000	104	>90
6LBR150JEOG11202	■ Cool White	24	9.6	1000	104	>90

Professional

TPU Flexible Wall Washer Lightbar



Features

- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion weak acid and alkali, and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion good durability and high reliability.
- It can replace the traditional hard wall washer light or LED strip. It's small in size light in weight, flexible and easy to install.
- Various beam angles (40°, 70°)



TPU Beam angle 40°



Protection
IP67



Min. Cutting @24V
166.67mm / 8LEDs



Beam Angle
40°



Dimensions(mm)
L5000*W20*H8.5

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU522JE0S04801	■ Warm White	24	16	2240	140	>80
6LBU527JE0S04801	■ Warm White	24	16	2560	160	>80
6LBU530JE0S04801	■ Warm White	24	16	2560	160	>80
6LBU540JE0S04801	■ Neutral White	24	16	2720	170	>80
6LBU557JE0S04801	■ Cool White	24	16	2720	170	>80

TPU Beam angle 70°

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU522JE0S04802	■ Warm White	24	16	2240	140	>80
6LBU527JE0S04802	■ Warm White	24	16	2560	160	>80
6LBU530JE0S04802	■ Warm White	24	16	2560	160	>80
6LBU540JE0S04802	■ Neutral White	24	16	2720	170	>80
6LBU557JE0S04802	■ Cool White	24	16	2720	170	>80

Professional

5050 Mini Wall Washer Lightbar



Features

- 5050 LED with self beam angle
- For narrow space application. 3M backside tape for handy installation
- Wall wash for partial illumination
- Angle: White:30°; RGB: 50°



5050 Beam angle 30°



Protection
IP20



Min. Cutting @24V
100mm / 7LEDs



Beam Angle
30°



Dimensions(mm)
L5000*W10*H5.7

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR127JE0M07001	■ Warm White	24	15	1305	87	>90
6LBR130JE0M07001	■ Warm White	24	15	1350	90	>90
6LBR140JE0M07001	■ Neutral White	24	15	1455	97	>90
6LBR157JE0M07001	■ Cool White	24	15	1455	97	>90

5050 Beam angle 50° RGB

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1M1JE0M06016	■ Red	24	5.5	180	33	-
	■ Green	24	5.5	495	90	-
	■ Blue	24	5.5	110	20	-

5050 Beam angle 50° Magic RGB-SPI

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Pixel (M)
6LBR1M1JE0M06017	■ Red	24	6	105	17.5	10
	■ Green	24	6	330	55	10
	■ Blue	24	6	85	14	10

Professional

Dim to Warm Dimming LED strip



Features

- Small color tolerance, Ra>90
- Color temperature 1800K-3000K
- 3-years guarantee



2216
24V 224D / M

Protection IP20

Min. Cutting @24V 62.5 mm

Beam Angle 120°

Dimensions(mm) L5000*W10*H1.55

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1UNJE0S14001	1800K-3000K	24	9.6	630	72	90

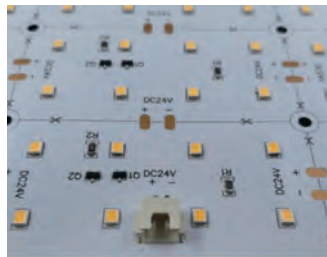
Professional LED Lighting Board



Features

- Suitable for light box with thickness above 5CM
- With cutting position, can be cut at will, can be customized according to requirements
- Luminous efficiency up to 160LM/W
- XH-2Y connection, convenient and fast
- 3-year warranty





LED Lighting Board 24V

 Protection
IP20






 @Single color
Min. Cutting
L72*W36mm

 @RGB
Min. Cutting
L81*W54mm



 Beam Angle
120°

 @Single color
Dimensions(mm)
L432*W216

 @RGB
Dimensions(mm)
L486*W216

Order Code	Color	Voltage (V)	Power (w/Pcs)	Typ.Flux (lm/Pcs)	Typ.Efficiency (lm/Pcs)	Ra
6LBR127J04S28801	 Warm White	24	17.2	2666	155	≥80
6LBR130J04S28801	 Warm White	24	17.2	2752	160	≥80
6LBR140J04S28801	 Neutral White	24	17.2	2838	165	≥80
6LBR165J04S28801	 Cool White	24	17.2	2838	165	≥80
6LBR1M1J04M14401	 Red	24	5.7	513	90	-
	 Green	24	5.7	200	35	-
	 Blue	24	5.7	114	20	-

Dimmer for LED Strips

Item	Product Code	Application	Feature
	<p>33LBR1030001 (Controller+Remote)</p>	<p>Double color dimming</p>	<ol style="list-style-type: none"> 1. RF 2.4G Hz 2. Dimmer <ol style="list-style-type: none"> 2.1. Brightness Adjustment (100%~1%, 20 grades of Brightness to adjust) 2.2. Color temperature Adjusting(11 grades to adjust) 3. Effective receiving distance nearly 30m 4. 12 automatical change modes to choose 5. Input / Output Voltage : DC 12V ~ 24V 6. Current : 12A 7. Output Power : 12V < 72W, 24V < 144W
	<p>33LBR1030002 (Controller+Remote)</p>	<p>RGB dimming</p>	<ol style="list-style-type: none"> 1. RF 2.4G Hz 2. Dimmer 3. Effective receiving distance nearly 30m 4. 20 automatical change modes to choose 5. Input / Output Voltage : DC 12V ~ 24V 6. Current per channel : 6A ; Total Output Current : 18A 7. Output Power : 12V < 216W, 24V < 432W

Item	Product Code	Application	Feature
	33LBR1030003 (Controller+Remote)	RGBW dimming	<ol style="list-style-type: none"> 1. RF 2.4G Hz 2. Dimmer 3. Effective receiving distance nearly 30m 4. 20 automatical change modes to choose 5. Input / Output Voltage : DC 12V ~ 24V 6. Current per channel : 6A ; Total Output Current : 24A 7. Output Power : 12V < 216W, 24V < 432W
	33LBR1030006 (Controller+Remote)	RGBWW dimming	<ol style="list-style-type: none"> 1. RF 2.4G Hz 2. Dimmable control 3. Effective receiving distance nearly 30m 4. Input / Output Voltage : DC 12V ~ 24V 5. 16 millions of colors to choose 6. Current per channel : 6A ; Total Output Current : 10A

Solderless Connector Series

Solderless Connector



33WR10000001



33WR10000002



33WR10000003



33WR10000004



33CNR1000001

a) 2-Pins connector for 8mm width FPC (150mm wire)



33CNR1000002

b) 2-Pins connector for 10mm width FPC (150mm wire)



33CNR1000003

c) 4-Pins connector for 10mm width FPC (150mm wire)



33CNR1000004

d) 4-Pins connector for 12mm width FPC (150mm wire)

Assembly methods

Order Code : 33WR100000xx (2-Pins)



2-Pins connection diagram

Order Code : 33WR100000xx (4-Pins)



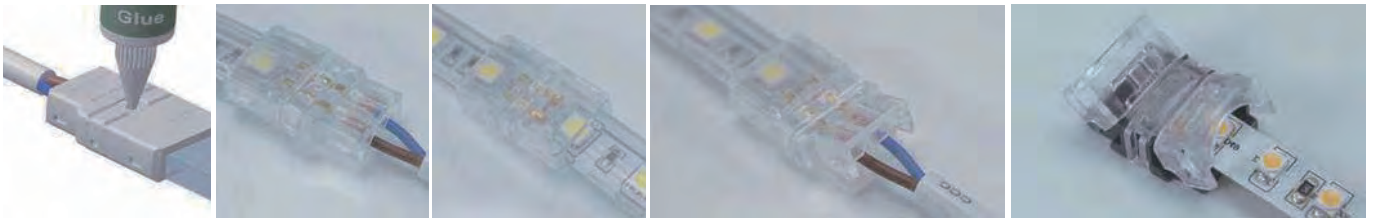
4-Pins connection diagram

Hippo Connector Series

















connect strip














Feature	Quick Solderless connecting; Flexible application , easy installation and front-flip type.	
Operating Conditions	Rate voltage	0 - 36V
	Rate current	5A
	Working temperature	-20°C ~ 50°C
Type	IP20 / IP54 / IP65 / IP67	
Application	Thickness 0.25 mm ~ 0.35 mm ; Wire diameter : 0.35mm ² ~ 0.75mm ² (AWG22-AWG18) For plating plate (not suitable for wire panels); One time usage	



Glue promises waterproof effect

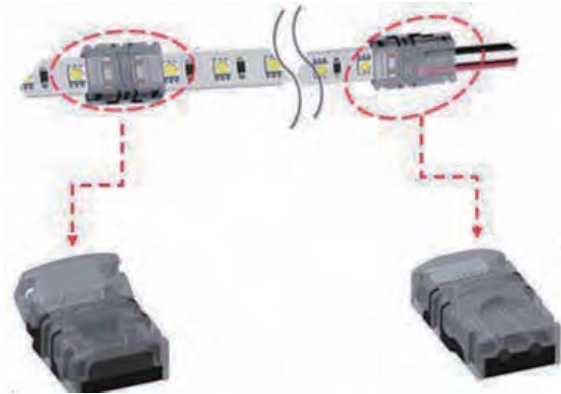


No.	Product Code	Specification					Sample
		PCB Width	Channel Color	LED Density	Application	Connection mode	
01	13CNX1000013	8 mm	2-PINs Single color	30~120 LEDs/m	IP20 LED strips	PCB to PCB	
02	13CND1000004					Cable to PCB	
03	13CNX1000014	10 mm	2-PINs Single color	30~120 LEDs/m	IP20 LED strips	PCB to PCB	
04	13CND1000005					Cable to PCB	
05	13CNX1000016	10 mm	4-PINs RGB color	30~120 LEDs/m	IP20 LED strips	PCB to PCB	
06	13CND1000007					Cable to PCB	
07	13CND1000011	8 mm	2-PINs Single color	30~120 LEDs/m	IP54 LED strips	PCB to PCB	
08	13CND1000010					Cable to PCB	
09	13CND1000013	10 mm	2-PINs Single color	30~120 LEDs/m	IP54 LED strips	PCB to PCB	
10	13CND1000012					Cable to PCB	
11	13CND1000015	10 mm	4-PINs RGB color	30~120 LEDs/m	IP54 LED strips	PCB to PCB	
12	13CND1000014					Cable to PCB	
13	13CNX3000001	8 mm	2-PINs Single color	30~120 LEDs/m	IP65 LED strips	PCB to PCB	
14	13CND3000001					Cable to PCB	

No.	Product Code	Specification					Sample
		PCB Width	Channel Color	LED Density	Application	Connection mode	
15	13CNX3000002	10 mm	2-PINs Single color	30~120 LEDs/m	IP65 LED strips	PCB to PCB	
16	13CND3000002					Cable to PCB	
17	13CNX3000003	10 mm	4-PINs RGB color	30~120 LEDs/m	IP65 LED strips	PCB to PCB	
18	13CND3000003					Cable to PCB	
19	13CND1000016	8 mm	2-PINs Single color	<120 LEDs/m	10mm solid tube LED strips	PCB to PCB joint	
20	13CND1000017					PCB to PCB bridge	
21	13CND1000018					Cable to PCB	
22	13CND1000019	10 mm	2-PINs Single color	<120 LEDs/m	12mm solid tube LED strips	PCB to PCB joint	
23	13CND1000020					PCB to PCB bridge	
24	13CND1000021					Cable to PCB	
25	13CND1000022	10 mm	4-PINs RGB color	<120 LEDs/m	12mm solid tube LED strips	PCB to PCB joint	
26	13CND1000023					PCB to PCB bridge	
27	13CND1000024					Cable to PCB	

Hippo Detail Description

a) Typical application

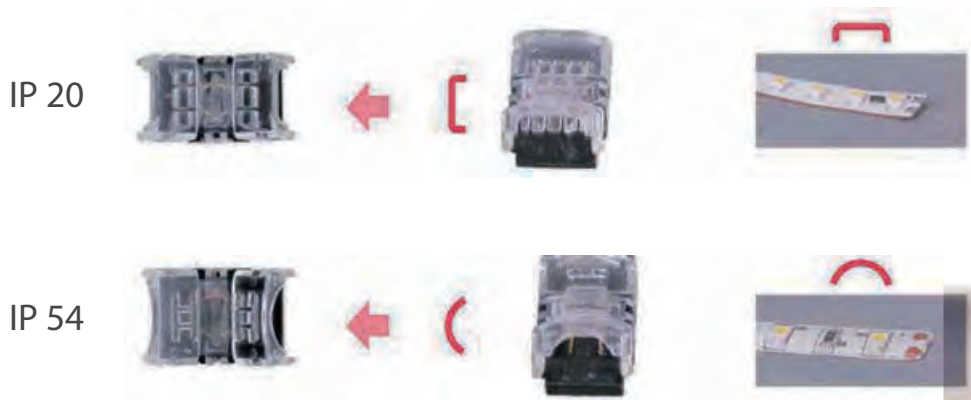


PCB to PCB : PCB clamp

Cable to PCB : cable slot

typical application of hippo connector

b) The difference between IP20 and IP54



the difference between IP20 and IP54

Mounting Clip

It is better fixing solution than adhesive tape



13MABG000032
Applied: 8mm FPC width
Color: clear



13MABG000033
Applied: 10mm FPC width
Color: clear



13MABG000034
Applied: 12mm FPC width
Color: clear



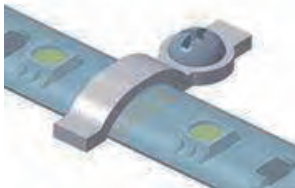
For IP20 LED strip



13MABG000035
Applied: 8mm FPC width
Color: clear



13MABG000036
Applied: 10mm FPC width
Color: clear



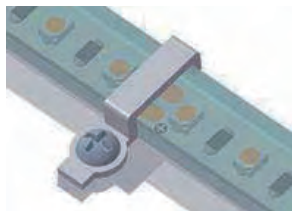
For IP54 LED strip



13MABG000037
Applied: 10mm FPC width
Color: clear



13MABG000038
Applied: 12mm FPC width
Color: clear



For IP65 LED strip

LED Driver

LRS Series



13EEE50J0002

Input Voltage : 85-264VAC
Output Voltage : 12VDC
Power : 50W
Certificates : UL, CE, CB, CCC
Size : 99x82x30mm
Waterproof : IP20



13EEE50K0002

Input Voltage : 85-264VAC
Output Voltage : 24VDC
Power : 50W
Certificates : UL, CE, CB, CCC
Size : 99x82x30mm
Waterproof : IP20



13EEEA0J0002

Input Voltage : 85-264VAC
Output Voltage : 12VDC
Power : 100W
Certificates : UL, CE, CB, CCC
Size : 129x97x30mm
Waterproof : IP20



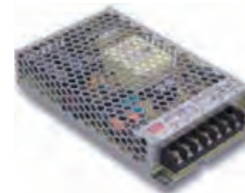
13EEEA0K0002

Input Voltage : 85-264VAC
Output Voltage : 24VDC
Power : 100W
Certificates : UL, CE, CB, CCC
Size : 129x97x30mm
Waterproof : IP20



13EEEA5J0002

Input Voltage : 85-264VAC
Output Voltage : 12VDC
Power : 150W
Certificates : UL, CE, CB, CCC
Size : 159 x 97x30mm
Waterproof : IP20



13EEEA5K0002

Input Voltage : 85-264VAC
Output Voltage : 24VDC
Power : 150W
Certificates : UL, CE, CB, CCC
Size : 159 x 97x30mm
Waterproof : IP20



13EEEEB0J0002

Input Voltage : 90-132 / 180-264VAC
 Output Voltage : 12VDC
 Power : 200W
 Certificates : UL, CE, CB, CQC
 Size : 215x115x30mm
 Waterproof : IP20



13EEEEB0K0002

Input Voltage : 90-132 / 180-264VAC
 Output Voltage : 24VDC
 Power : 200W
 Certificates : UL, CE, CB, CQC
 Size : 215x115x30mm
 Waterproof : IP20



13EEEC5J0003

Input Voltage : 90-132 / 180-264VAC
 Output Voltage : 12VDC
 Power : 350W
 Certificates : UL, CE, CB, CQC
 Size : 215x115x30mm
 Waterproof : IP20



13EEEC5K0003

Input Voltage : 90-132 / 180-264VAC
 Output Voltage : 24VDC
 Power : 350W
 Certificates : UL, CE, CB, CQC
 Size : 215x115x30mm
 Waterproof : IP20

PLC Series



13EEE30J0001

Input Voltage : 90-264VAC
Output Voltage : 12VDC
Power : 30W
Certificates : UL, CE, CB, CCC
Size : 160x46x30mm
Waterproof : IP20



13EEE30K0001

Input Voltage : 90-264VAC
Output Voltage : 24VDC
Power : 30W
Certificates : UL, CE, CB, CCC
Size : 160x46x30mm
Waterproof : IP20



13EEE60J0001

Input Voltage : 90-264VAC
Output Voltage : 12VDC
Power : 60W
Certificates : UL, CE, CB, CCC
Size : 181.5x62x35mm
Waterproof : IP20



13EEE60K0001

Input Voltage : 90-264VAC
Output Voltage : 24VDC
Power : 60W
Certificates : UL, CE, CB, CCC
Size : 181.5x62x35mm
Waterproof : IP20



13EEEA0J0001

Input Voltage : 90-264VAC
Output Voltage : 12VDC
Power : 100W
Certificates : UL, CE, CB, CCC
Size : 200.5x69.5x35mm
Waterproof : IP20



13EEEA0K0001

Input Voltage : 90-264VAC
Output Voltage : 24VDC
Power : 100W
Certificates : UL, CE, CB, CCC
Size : 200.5x69.5x35mm
Waterproof : IP20

LPF Series



13EEE40J0004

Input Voltage : 90-305 VAC
 Output Voltage : 12VDC
 Power : 40W
 Certificates : ENEC, UL,CE,CB,CCC
 Size : 162.5x43x32
 Waterproof : IP67
 Power Factor : >0.9



13EEE40K0004

Input Voltage : 90-305VAC
 Output Voltage : 24VDC
 Power : 40W
 Certificates : ENEC, UL,CE,CB,CCC
 Size : 162.5x43x32
 Waterproof : IP67
 Power Factor : >0.9



13EEE60J0004

Input Voltage : 90-305VAC
 Output Voltage : 12VDC
 Power : 60W
 Certificates : ENEC, UL,CE,CB,CCC
 Size : 162.5x43x32
 Waterproof : IP67
 Power Factor : >0.9



13EEE60K0004

Input Voltage : 90-305VAC
 Output Voltage : 24VDC
 Power : 60W
 Certificates : ENEC, UL,CE,CB,CCC
 Size : 162.5x43x32
 Waterproof : IP67
 Power Factor : >0.9



13EEE90K0004

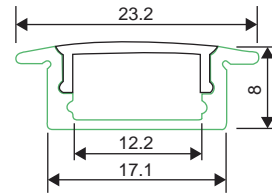
Input Voltage : 90-305VAC
 Output Voltage : 24VDC
 Power : 90W
 Certificates : ENEC, UL,CE,CB,CCC
 Size : 161x61x36mm
 Waterproof : IP67
 Power Factor : >0.9

Decorative Aluminium Extruding Solution



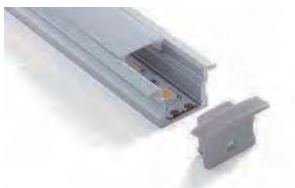
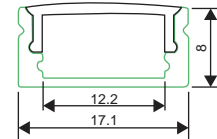
TYPE 1 33LBR104xxxx

RECESSED MOUNTING
Super slim 8mm recessed aluminium
LED profile with flange
Length | 1m, 2m or 2.5m each pcs



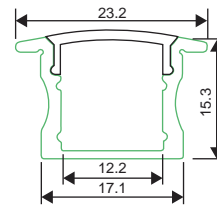
TYPE 2 33LBR104xxxx

SURFACE MOUNTING
Super slim 8mm recessed aluminium
LED profile
Length | 1m, 2m or 2.5m each pcs



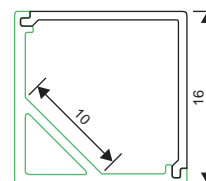
TYPE 3 33LBR104xxxx

RECESSED MOUNTING
15mm recessed aluminium LED profile
with flange
Length | 1m, 2m or 2.5m each pcs



TYPE 4 33LBR104xxxx

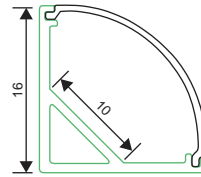
CORNER MOUNTING
Square aluminium LED profile
Length | 1m, 2m or 2.5m each pcs





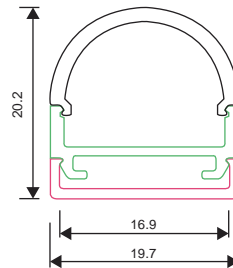
TYPE 5
33LBR104xxxx

CORNER MOUNTING
Aluminium corner LED profile
Length | 1m, 2m or 2.5m each pcs



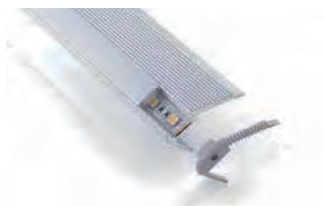
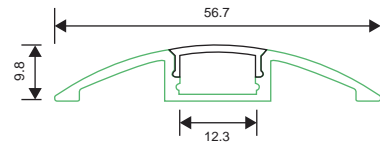
TYPE 6
33LBR104xxxx

SURFACE MOUNTING
Aluminium LED profile for ceiling
Length | 1m, 2m or 2.5m each pcs



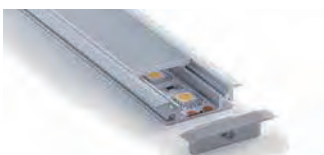
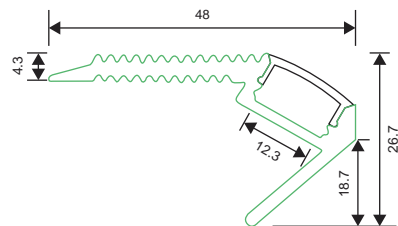
TYPE 7
33LBR104xxxx

SURFACE MOUNTING
Double Wings Aluminium
LED profile for cupboard
Length | 1m, 2m each pcs



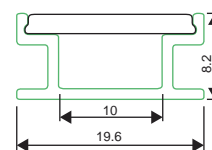
TYPE 8
33LBR104xxxx

SURFACE MOUNTING
Aluminium LED profile for stairs
Length | 1m, 2m each pcs



TYPE 9
33LBR104xxxx

RECESSED MOUNTING
Aluminium LED profile for floor
Length | 1m, 2m each pcs



*Hardened Design
Can be applied to the ground!*

Application Guide

IP 20 Non-Waterproof Series

IP 20 series is non-waterproof strip, it should be used for indoor application. For outdoor or harsh environment applications, we suggest using IP54 and up.

Do not twist it



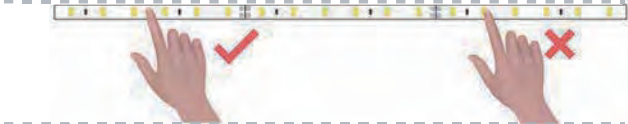
The maximum bending angle is 180° and the minimum bend radius is 3mm. Do not bend the components and solder parts (each 50cm)



Cut the LED strip along the cutting lines



Do not touch the emitting surface when installing and moving



If it's necessary to change the position after installation, please note that the tear angle should not exceed 30°



IP54/IP65/IP67 Waterproof Series

Waterproof Strip can't be used in seawater or swimming pool

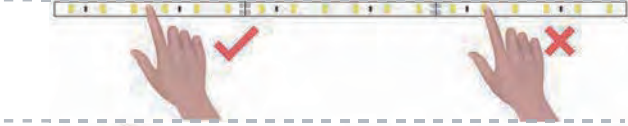
Do not twist it



The maximum bending angle is 135° and the minimum bend radius is 3mm. Do not bend the components and solder parts (each 50cm)



Do not touch the emitting surface when installing and moving



If it's necessary to change the position after installation, please note that the tear angle should not exceed 30°



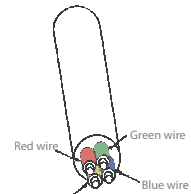
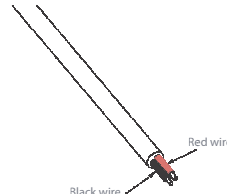
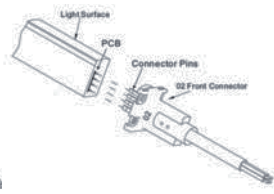
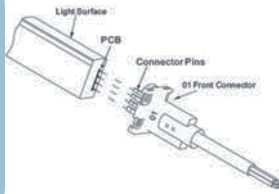
Single Color LED Ribbon Light Connection Diagram

For 01 type connector

For 02 type connector

2-Wires cable

4-Wires cable



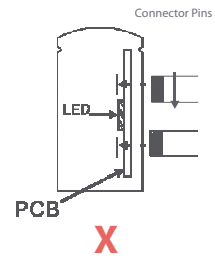
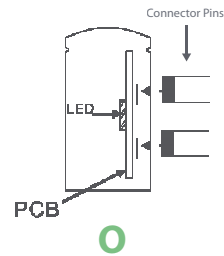
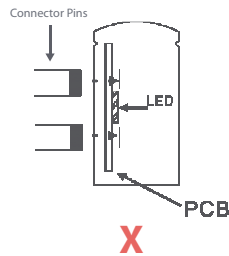
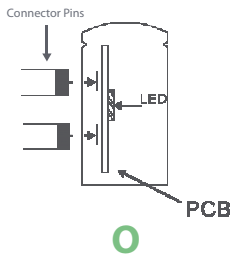
Connector Type 01/02 Identification

Wire anode and cathode

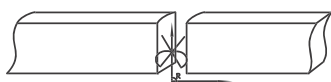
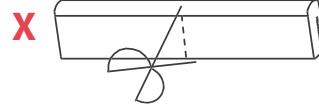
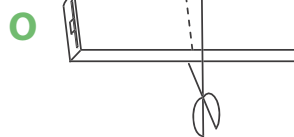
Connector Pin Position

For 01 type connector

For 02 type connector



Cutting Instruction



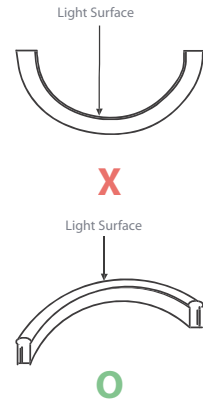
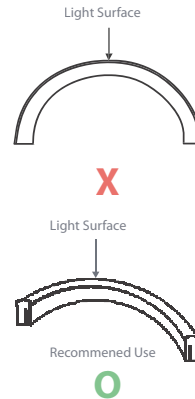
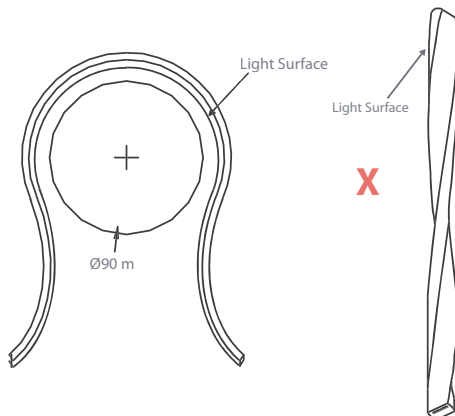
O The correct cutting way, $R = 90^\circ$

X Wave cutting is incorrect

X $R = 90^\circ$ is incorrect

Cutting Caution

ED10B Series minimum bent diameter and bending direction



* Specifications are subject to change without notice. Please refer to the datasheets for final specifications.

2023V.1

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