

Flexible LED Strips Catalog

Reliability Test Items and Conditions

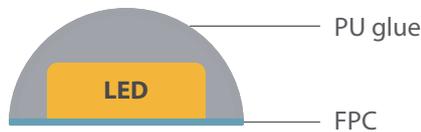
Test Items	Test Condition	Time	Passed
LED Thermal Shock	-40°C / 15min ~ 85°C / 15min	200 cycles	√
High Temperature & Humidity Life Test	Temp : 85°C, H : 85%	168 Hrs	√
Temperature cycle test	TA = -40°C ~ +85°C Dwell 60min, Transfer time ≤ 60min	IP67 65°C 336 Hrs IP20 55°C 168 Hrs	√
High Temperature Operation 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



IP 54



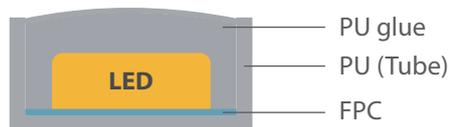
IP 65



IP 67



IP 67



IP 68

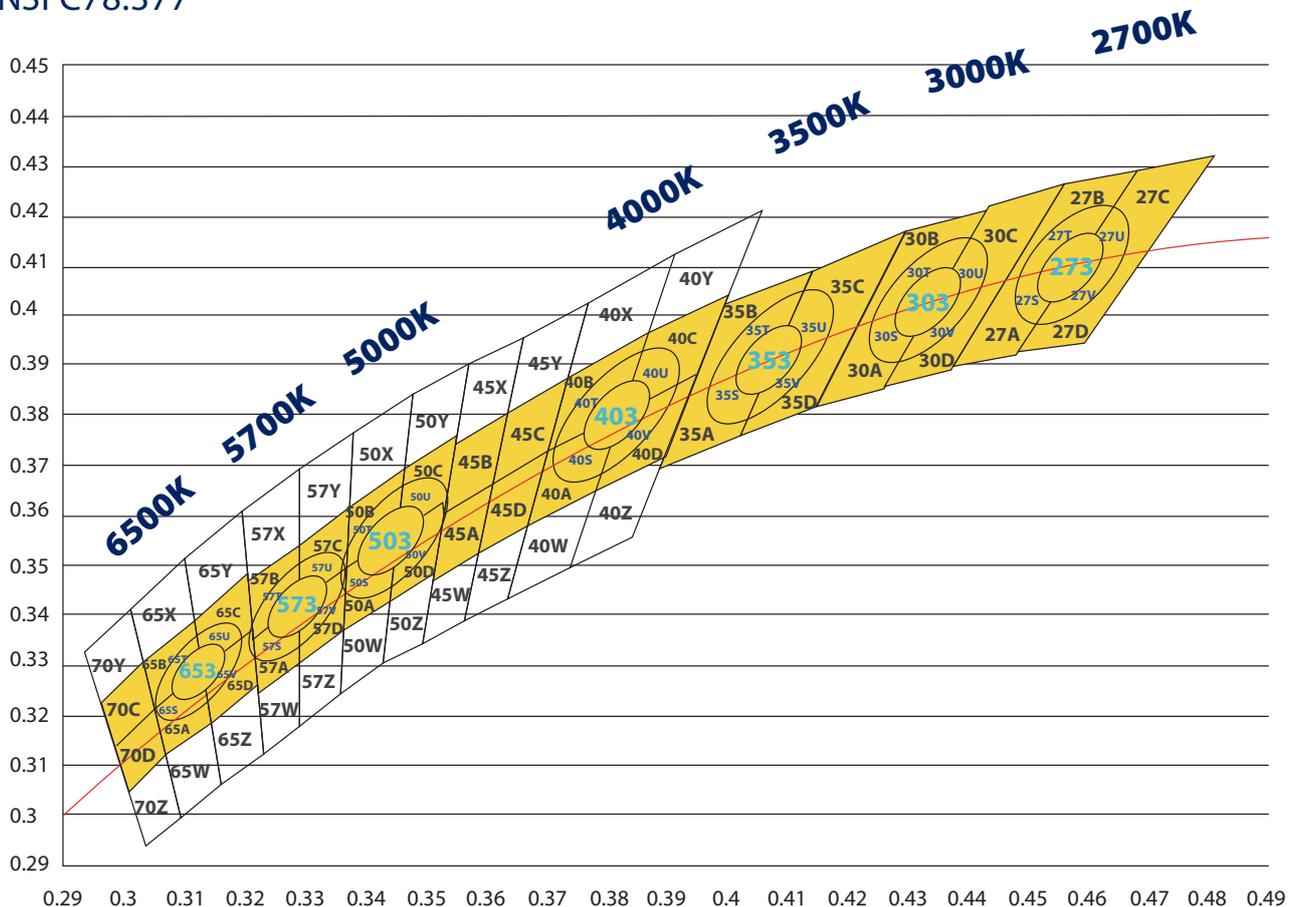


ANSI BIN

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

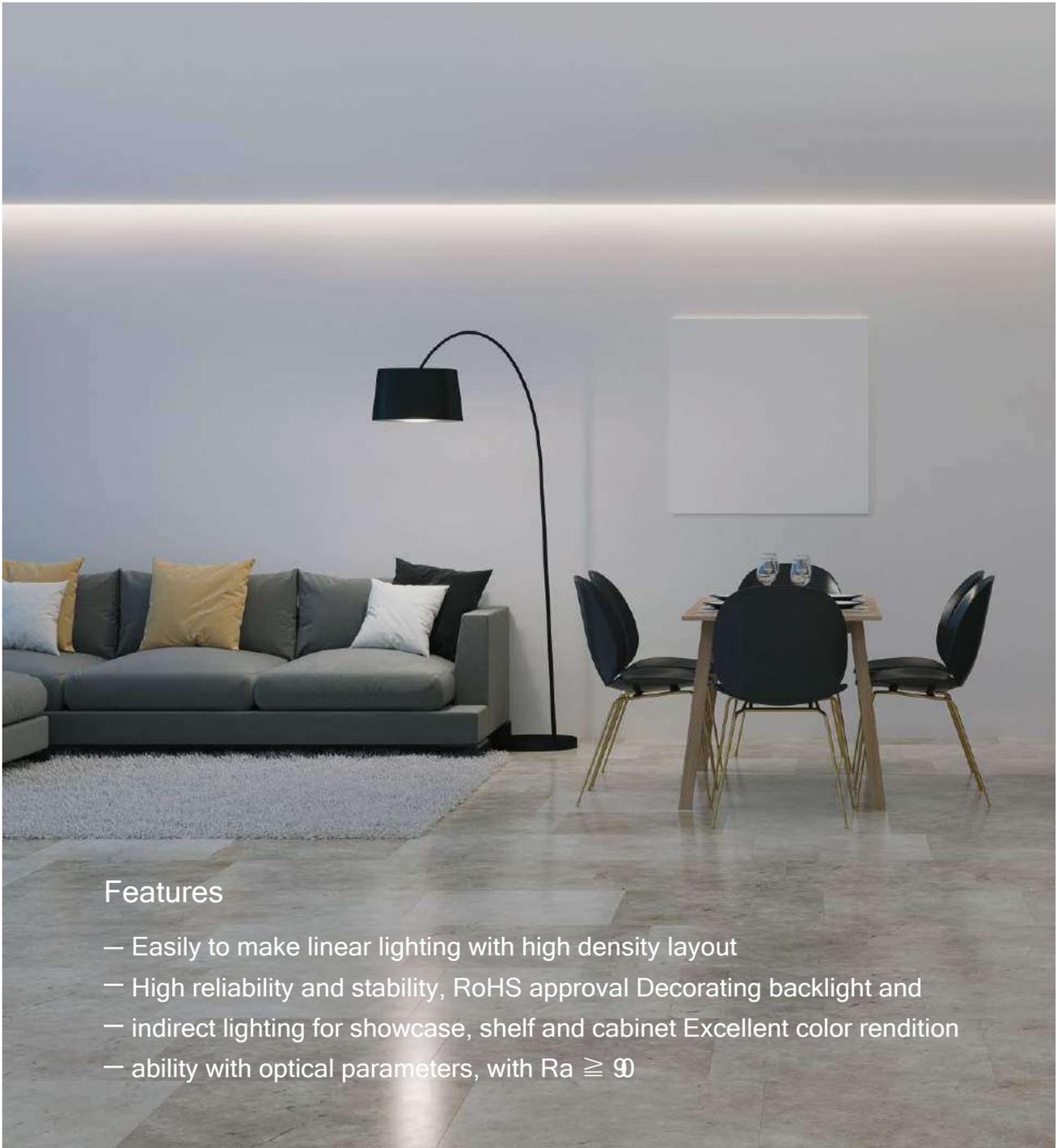


Environmental Compliance

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.

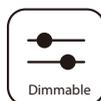
Elite

2110 Series



Features

- Easily to make linear lighting with high density layout
- High reliability and stability, 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



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

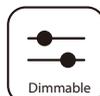
Elite

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, 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
  Beam Angle 120°
  Min. Cutting 100mm / 7LEDs
  Dimensions(mm) L5000*W4*H1.25

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

2216 24V 70D / M 8MM

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 7LEDs
  Dimensions(mm) L5000*W8*H1.25

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

2216 24V 140D / M 4MM

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50mm / 7LEDs
  Dimensions(mm) L5000*W4*H1.25

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

2216 24V 140D / M 8MM

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm / 7LEDs
  Dimensions(mm) L5000*W8*H1.25

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

2216 24V 240D / M 4MM

 Protection IP20
  Beam Angle 120°
  Min. Cutting 25 mm / 6LEDs
  Dimensions(mm) L5000*W4*H1.25

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

2216 24V 350D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 20 mm / 7LEDs
  Dimensions(mm) L5000*W10*H1.25

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWJE0B35003	 Warm White	24	28.8	2460	85	>90
6LBR1NWJE0B35003	 Neutral White	24	28.8	2620	91	>90
6LBR1CWJE0B35003	 Cool White	24	28.8	2790	97	>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, RoHS approval



3528 12V 60D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50mm / 3LEDs
  Dimensions(mm) L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWNI0000001	 Warm White	12	4.8	410	85	>80
6LBR1NWNII0000001	 Neutral White	12	4.8	450	94	>80
6LBR1CWNII0000001	 Cool White	12	4.8	450	94	>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
6LBR1WWNI0000007	 Warm White	12	4.8	388	81	>90
6LBR1NWNII0000009	 Neutral White	12	4.8	410	85	>90
6LBR1CWNII00000010	 Cool White	12	4.8	410	85	>90

3528 24V 60D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 6LEDs
  Dimensions(mm) L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWNJ0000006	 Warm White	24	4.8	410	85	>80
6LBR1NWNJ0000005	 Neutral White	24	4.8	450	94	>80
6LBR1CWNJ0000004	 Cool White	24	4.8	450	94	>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
6LBR1WWNJ0000011	 Warm White	24	4.8	388	81	>90
6LBR1NWNJ0000013	 Neutral White	24	4.8	410	85	>90
6LBR1CWNJ0000009	 Cool White	24	4.8	410	85	>90

3528 24V 120D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm / 6LEDs
  Dimensions(mm) L5000*W8*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWJEOJ12009	Warm White	24	9.6	820	85	>80
6LBR1NWJEOJ12009	Neutral White	24	9.6	900	94	>80
6LBR1CWJEOJ12009	Cool White	24	9.6	900	94	>80
6LBR1WWJEOJ12011	Warm White	24	9.6	780	81	>90
6LBR1NWJEOJ12011	Neutral White	24	9.6	820	85	>90
6LBR1CWJEOJ12011	Cool White	24	9.6	820	85	>90

3528 24V 180D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 33 mm / 6LEDs
  Dimensions(mm) L5000*W10*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWJEOJ18002	Warm White	24	14.4	1165	81	>80
6LBR1NWJEOJ18002	Neutral White	24	14.4	1300	90	>80
6LBR1CWJEOJ18002	Cool White	24	14.4	1300	90	>80
6LBR1WWJEOJ18001	Warm White	24	14.4	1095	76	>90
6LBR1NWJEOJ18001	Neutral White	24	14.4	1165	81	>90
6LBR1CWJEOJ18001	Cool White	24	14.4	1165	81	>90

3528 24V 240D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 25 mm / 6LEDs
  Dimensions(mm) L5000*W10*H2.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1WWJEOJ24004	Warm White	24	19.2	1535	80	>80
6LBR1NWJEOJ24004	Neutral White	24	19.2	1705	89	>80
6LBR1CWJEOJ24004	Cool White	24	19.2	1705	89	>80
6LBR1WWJEOJ24003	Warm White	24	19.2	1440	75	>90
6LBR1NWJEOJ24003	Neutral White	24	19.2	1535	80	>90
6LBR1CWJEOJ24003	Cool White	24	19.2	1535	80	>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, RoHS approval



3528 12V 60D / M

 Protection IP67
  Beam Angle 120°
  Min. Cutting 50 mm / 3LEDs
  Dimensions(mm) L5000*W10*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1WWNI0000001	 Warm White	12	4.8	340	71	>80
6LBU1NWNII0000001	 Neutral White	12	4.8	380	79	>80
6LBU1CWNII0000001	 Cool White	12	4.8	390	81	>80

3528 24V 60D / M

 Protection IP67
  Beam Angle 120°
  Min. Cutting 100 mm / 6LEDs
  Dimensions(mm) L5000*W10*H4.3

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

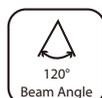
Elite Waterproof

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, RoHS approval



120°
Beam Angle



Cutting



Dimmable



IP67



5050 12V 60D / M

 Protection IP67
  Beam Angle 120°
  Min. Cutting 50 mm / 3LEDs
  Dimensions(mm) L5000*W12*H4.3

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU1WWNI0000002	 Warm White	12	14.4	1080	75	>80
6LBU1NWNII0000002	 Neutral White	12	14.4	1225	85	>80
6LBU1CWNII0000002	 Cool White	12	14.4	1225	85	>80
6LBU1M1NI0000001	 RGB	12	14.4	R110/G285/B56	-	-

5050 24V 60D / M

 Protection IP67
  Beam Angle 120°
  Min. Cutting 100mm / 6LEDs
  Dimensions(mm) L5000*W12*H4.3

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

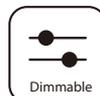
Hunter

2835 & 5050 Series



Features

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



2835 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection
IP20

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H1.4

 Min. Cutting @24V
100mm / 6LEDs

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

2835 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection
IP54

 Beam Angle
120°

 Dimensions(mm)
L5000*W8*H2.7

 Min. Cutting @24V
100mm / 6LEDs

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

2835 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection IP65  Beam Angle 120°  Dimensions(mm) L5000*W10*H4.3  Min. Cutting @24V
100mm / 6LEDs

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

2835 120D / M 12V
24V

 Min. Cutting @12V
25mm / 3LEDs

 Protection IP20  Beam Angle 120°  Dimensions(mm) L5000*W8*H1.4  Min. Cutting @24V
50mm / 6LEDs

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

2835 120D / M 12V
24V

 Protection IP54
  Beam Angle 120°
  Dimensions(mm) L5000*W8*H2.7
  Min. Cutting @12V 25 mm / 3LEDs
  Min. Cutting @24V 50 mm / 6LEDs

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

2835 120D / M 12V
24V

 Protection IP65
  Beam Angle 120°
  Dimensions(mm) L5000*W10*H4.3
  Min. Cutting @12V 25 mm / 3LEDs
  Min. Cutting @24V 50 mm / 6LEDs

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

5050 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection IP20  Beam Angle 120°  Dimensions(mm) L5000*W10*H2.2  Min. Cutting @24V
100mm / 6LEDs

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

5050 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection IP54  Beam Angle 120°  Dimensions(mm) L5000*W10*H3.0  Min. Cutting @24V
100mm / 6LEDs

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

5050 60D / M 12V
24V

 Min. Cutting @12V
50mm / 3LEDs

 Protection
IP65

 Beam Angle
120°

 Dimensions(mm)
L5000*W12*H4.3

 Min. Cutting @24V
100mm / 6LEDs

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

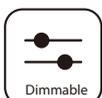
Hunter

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, RoHS approval



2835 24V 70D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 7LEDs
  Dimensions(mm) L5000*W8*H1.4

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

2835 24V 112D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 62.5 mm / 7LEDs
  Dimensions(mm) L5000*W8*H1.4

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

2835 24V 140D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm / 7LEDs
  Dimensions(mm) L5000*W10*H1.4

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR127JE0S14022	 Warm White	24	14.4	1945	135	>80
6LBR130JE0S14022	 Warm White	24	14.4	2015	140	>80
6LBR140JE0S14022	 Neutral White	24	14.4	2160	150	>80
6LBR157JE0S14022	 Cool White	24	14.4	2160	150	>80

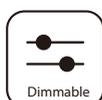
HE

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, RoHS approval



2835 24V 70D / M 165LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 7 LEDs
  Dimensions (mm) L5000*W10*H1.4

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

2835 24V 140D / M 165LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 14 LEDs
  Dimensions (mm) L5000*W12*H1.4

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

2835 24V 80D / M 195LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 8 LEDs
  Dimensions (mm) L5000*W10*H1.4

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

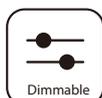
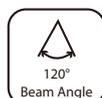
HE

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, RoHS approval
- Used in high-end LED market such as boutique and luxury apparel store



2835 24V 70D / M 150LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 7LEDs
  Dimensions(mm) L5000*W10*H1.4

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

2835 24V 140D / M 150LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 14LEDs
  Dimensions(mm) L5000*W12*H1.4

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

2835 24V 80D / M 170LM / W

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100mm / 8LEDs
  Dimensions(mm) L5000*W10*H1.4

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

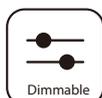
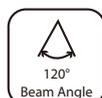
HE

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, RoHS approval



2835 24V HE PU

2835 @ 42LEDs / m

 Protection IP67
  Beam Angle 120°
  Min. Cutting 166.7mm / 7LEDs
  Dimensions(mm) L5000*W12*H3.8

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

2835 @ 70LEDs / m

 Protection IP67
  Beam Angle 120°
  Min. Cutting 100mm / 7LEDs
  Dimensions(mm) L5000*W12*H3.8

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

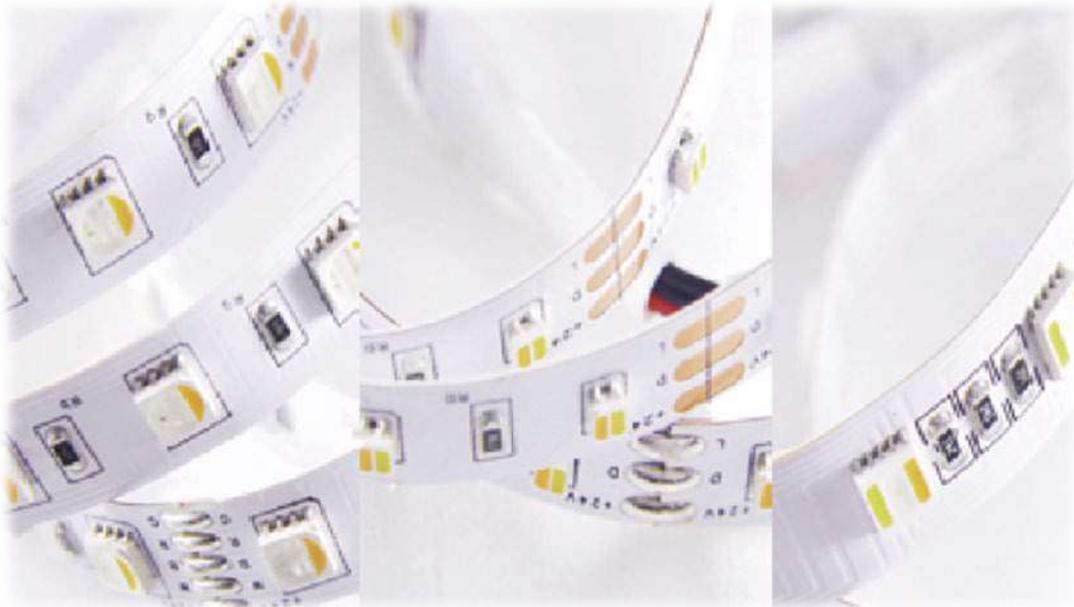
2835 @ 80LEDs / m

 Protection IP67
  Beam Angle 120°
  Min. Cutting 100mm / 8LEDs
  Dimensions(mm) L5000*W12*H3.8

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

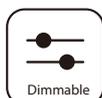
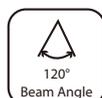
Colorful

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, RoHS approval



2835 24V 60D / M

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

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

2835 24V 120D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm / 6LEDs
  Dimensions(mm) L5000*W10*H1.4

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

5050RGBW 24V 60D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 100 mm / 6LEDs
  Dimensions(mm) L5000*W12*H2.2

Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
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
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
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

5050RGBWW 12V 60D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm / 3LEDs
  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
  Beam Angle 120°
  Min. Cutting 100 mm / 6LEDs
  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

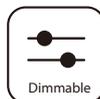
Colorful

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
- Uniform light without spots.



4040RGB/RGBW 24V 120D / M



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	-

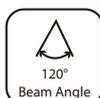
Colorful

5050 Magic Strip Series



Features

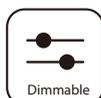
- Waterproof level: IP20/IP54
- Breakpoint continuation function, when one of the LEDs does not work, it will not affect the rest of the LEDs. It has higher stability.
- Using a typical data transmission frequency of 800 Kbps
- Widely applicable to SPI controller



120°
Beam Angle



Cutting



Dimmable



IP20/54



5050RGB 5V 60D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 16.67mm/1 LEDs
  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
  Beam Angle 120°
  Min. Cutting 50 mm / 3LEDs
  Dimensions(mm) L5010*W10*H2.4

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
  Beam Angle 120°
  Min. Cutting 50 mm/3 LEDs
  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
  Beam Angle 120°
  Min. Cutting 100 mm / 6 LEDs
  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	-

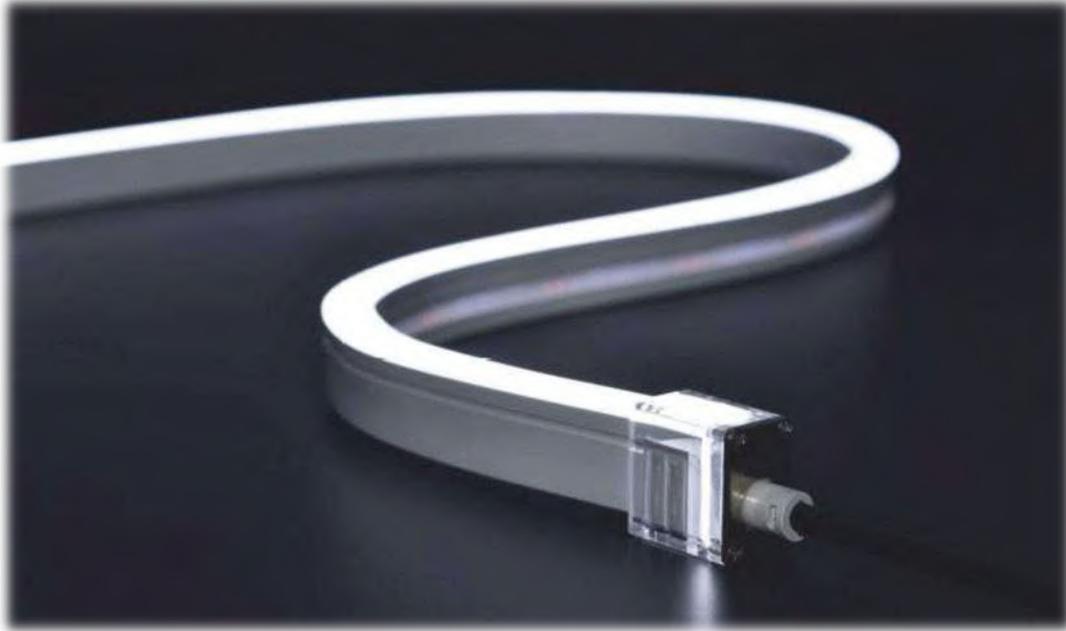
5050RGB 24V 60D / M

 Protection IP54
  Beam Angle 120°
  Min. Cutting 100 mm / 6 LEDs
  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



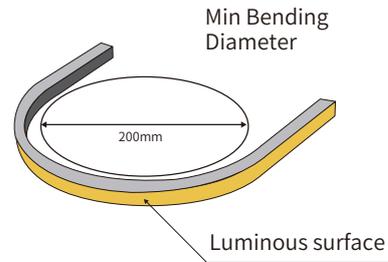
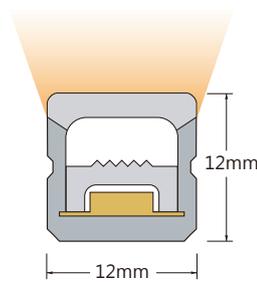
Features

- 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



1212 24V

Cross Section

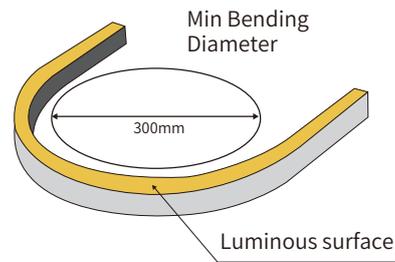
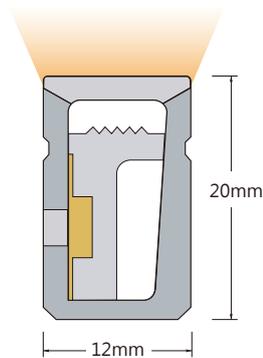


 Protection IP67
  Beam Angle 120°
  Min. Cutting 50mm
  Dimensions(mm) L5000*W12*H12

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

Cross Section



 Protection IP67
  Beam Angle 120°
  Min. Cutting 50mm
  Dimensions(mm) L5000*W12*H20

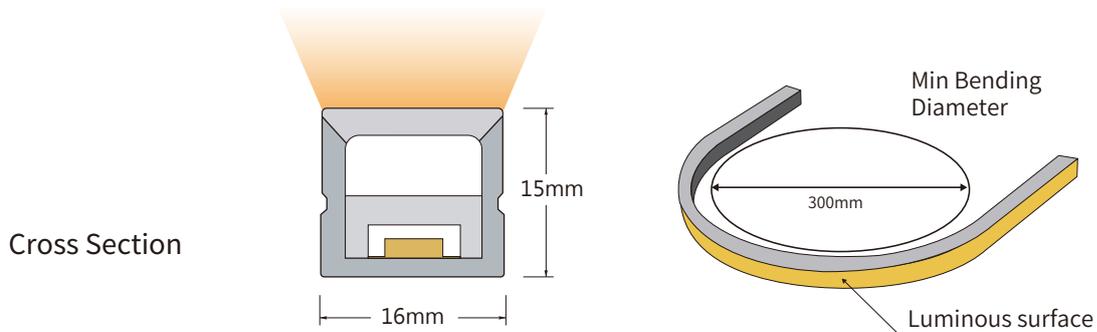
Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBU524JE0S12008	 Warm White	24	15	410	27	>90
6LBU527JE0S12008	 Warm White	24	15	430	29	>90
6LBU530JE0S12008	 Warm White	24	15	430	29	>90
6LBU540JE0S12008	 Neutral White	24	15	470	31	>90
6LBU560JE0S12008	 Cool White	24	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

 Protection IP67
  Beam Angle 120°
  Min. Cutting 62.5mm
  Dimensions(mm) L5000*W12*H20

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	>90
	 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	>90
	 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	>90
	 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	>90
	 Red	24	3.8	32	8.4	-
	 Green	24	3.8	102	26.8	-
	 Blue	24	3.8	28	7.4	-

1615 24V



 Protection IP67
  Beam Angle 120°
  Min. Cutting 50mm
  Dimensions(mm) L5000*W16*H15

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

 Protection IP67
  Beam Angle 120°
  Min. Cutting 62.5mm
  Dimensions(mm) L5000*W16*H15

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	>90
	 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	>90
	 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	>90
	 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	>90
	 Red	24	3.8	55	14.5	-
	 Green	24	3.8	156	41	-
	 Blue	24	3.8	42	11	-

Neon

IP68 TPU Series



Features

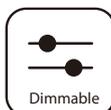
- High UV & salt spray corrosion resistance
- Ideal for architectural outline / decorative lighting
- Small color tolerance, Ra > 90
- IP68 protection



120°
Beam Angle



Cutting



Dimmable

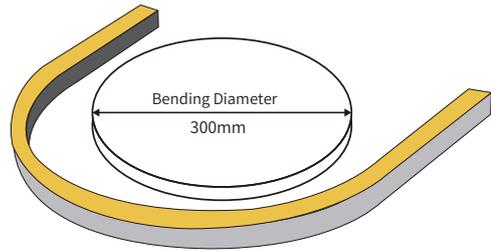
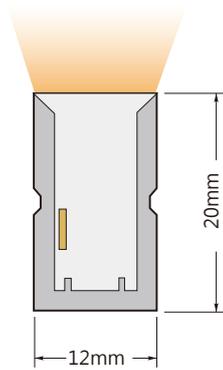


IP68



1220 24V

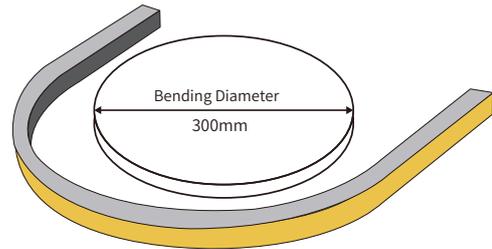
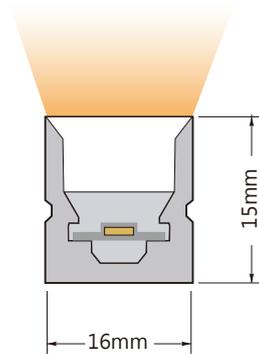
Cross Section



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

Cross Section



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	-

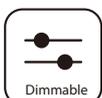
Neon

R25 360° Neon Strips Series

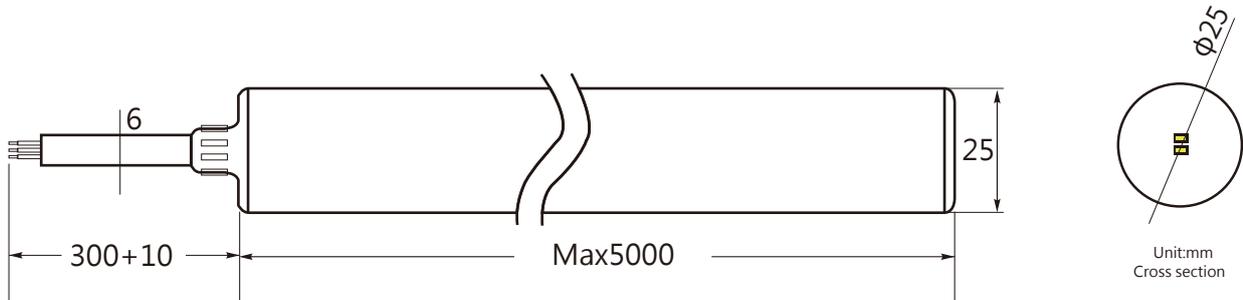


Features

- 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



R25 IP65 360°



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	-

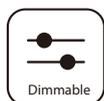
Neon

Double-Sided IP65 Series

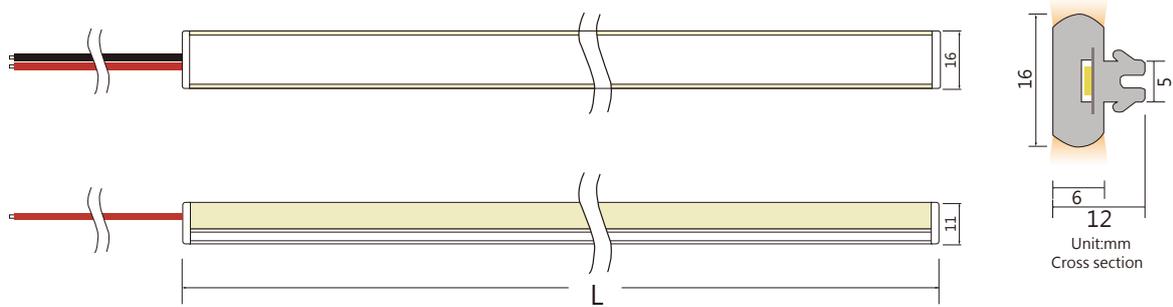


Features

- 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



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	-

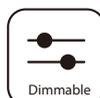
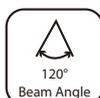
Neon

Embedded IP44 Series

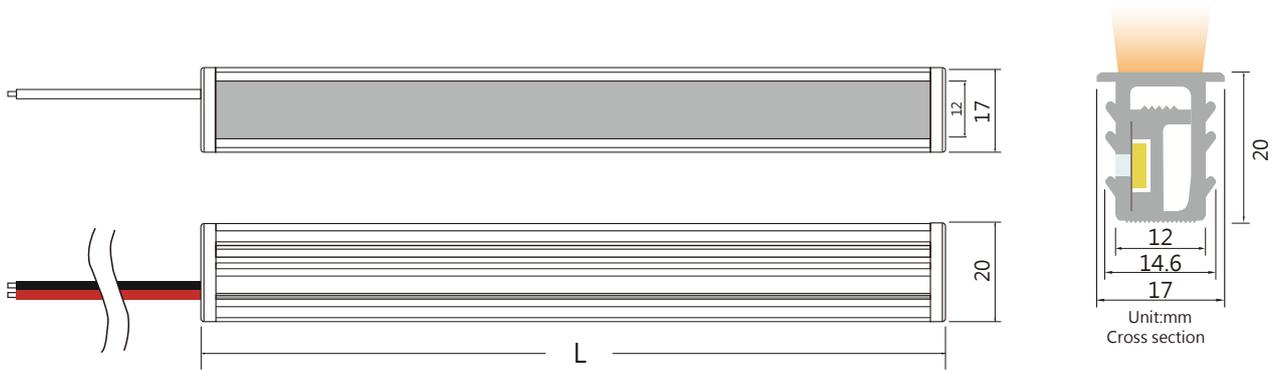


Features

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

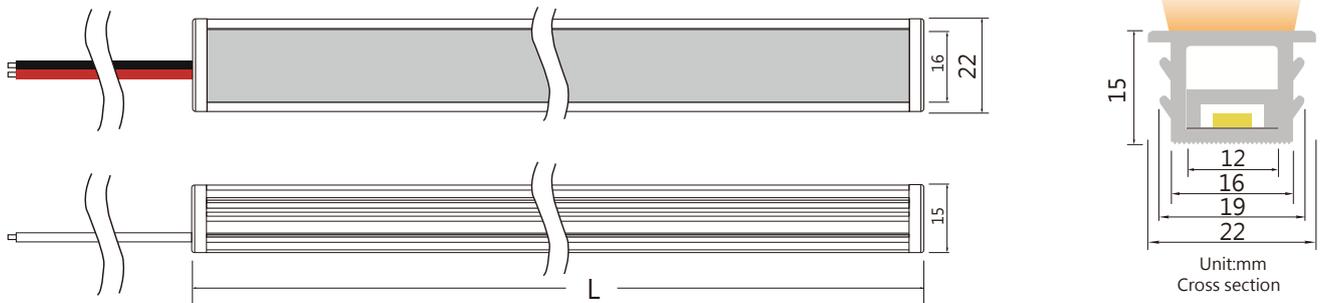


1220



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	3.3	173	52.4	-
	Blue	24	3.3	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	-

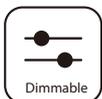
Neon

Neon 0408 IP65 Series

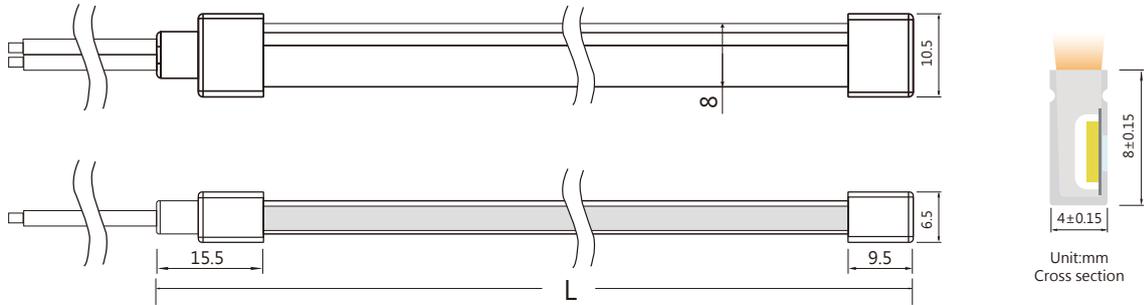


Features

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



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

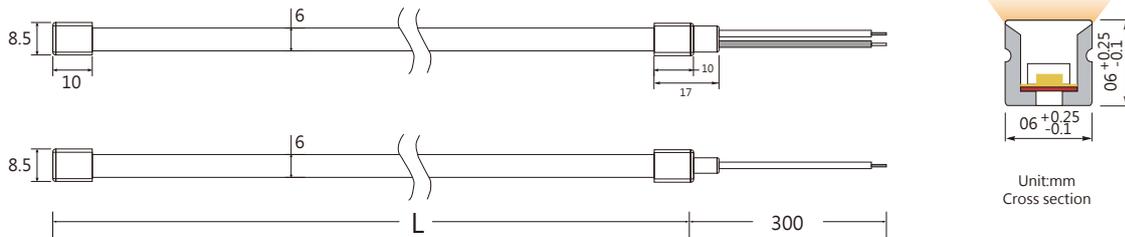


Features

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



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

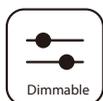
Neon

Neon 0612 IP67 Series

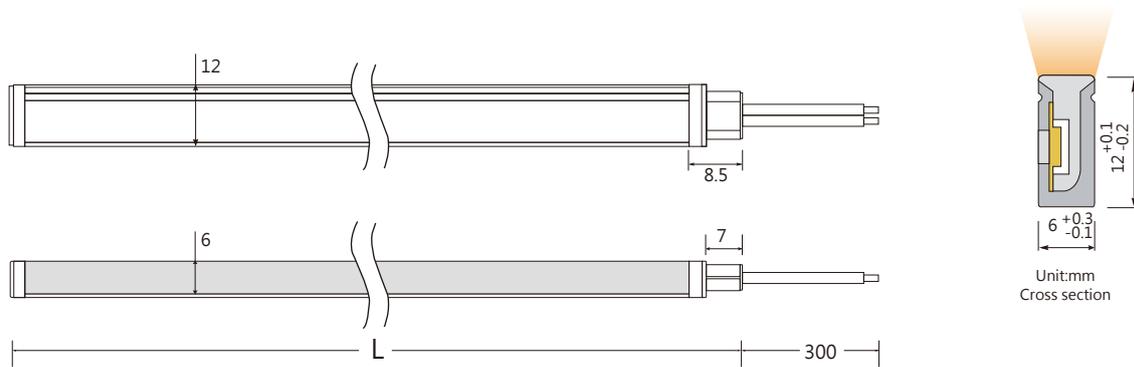


Features

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



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	-

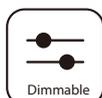
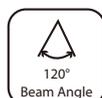
Neon

FCOB Plus IP65 Series

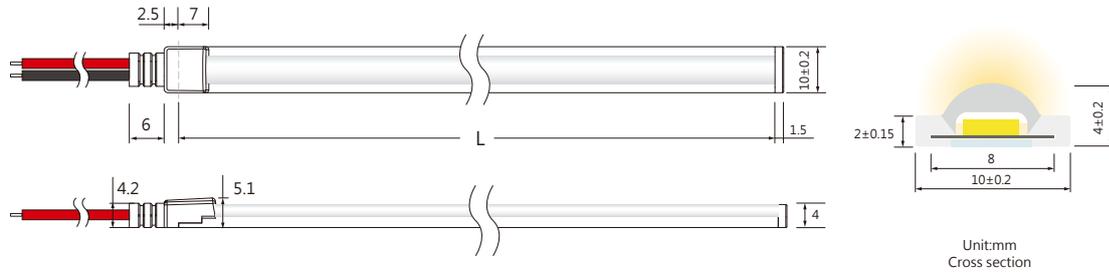


Features

- Abrasive technology for better feeling
- Food grade silicone material for anti-corrosion and UV protection
- Extrusion technology
- IP65 protection



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

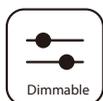
Neon

Neon HV series

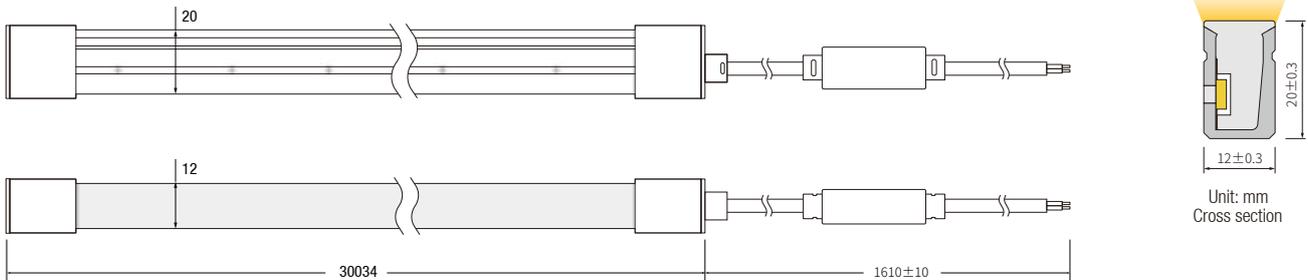


Features

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength
- Environmental protection grade silicone material, integrated extrusion molding process
- Unique optical light distribution structure design, uniform lighting surface and no shadow
- IP65 protection level, salt solution resistance, acids & alkalis, corrosive gases and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- working life ≥ 30000 hours

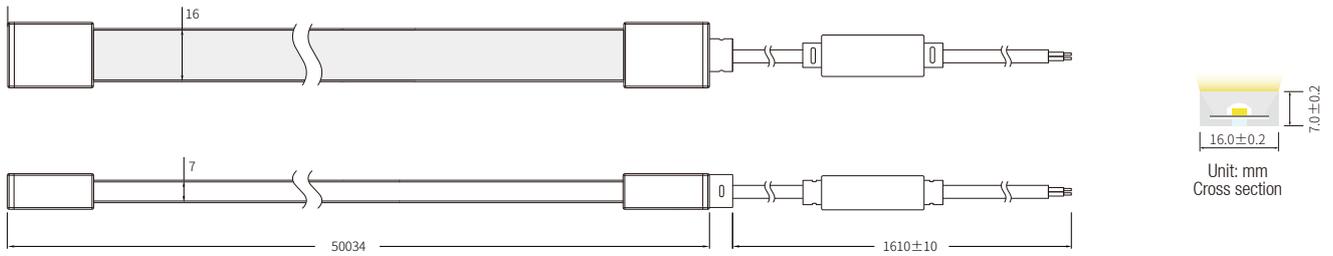


1220 IP65



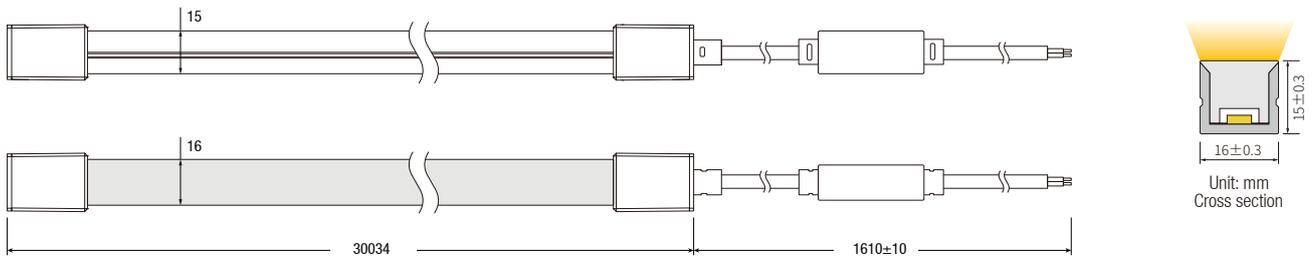
Type	Bending Direction	CCT	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)	Max.run length(M)
1220	Side view	■ 2400K	≥90	AC 230	12	492	41	100	30
		■ 2700K				560	46.7	100	
		■ 3000K				579	48.3	100	
		■ 4000K				597	49.8	100	
		■ 6500K				594	49.5	100	

1607 IP65



Type	Bending Direction	CCT	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)	Max.run length(M)
1607	Top view	■ 2400K	≥90	AC 230	12	835	69.6	100	50
		■ 2700K				932	77.7	100	
		■ 3000K				910	75.9	100	
		■ 4000K				1050	87.5	100	
		■ 6500K				1000	83.4	100	

1615 IP65



Type	Bending Direction	CCT	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)	Max.run length(M)
1615	Top view	■ 2400K	≥90	AC 230	12	689	57.5	100	30
		■ 2700K				741	61.8	100	
		■ 3000K				765	63.8	100	
		■ 4000K				787	65.6	100	
		■ 6500K				793	66	100	

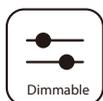
Neon

Neon 3D Series

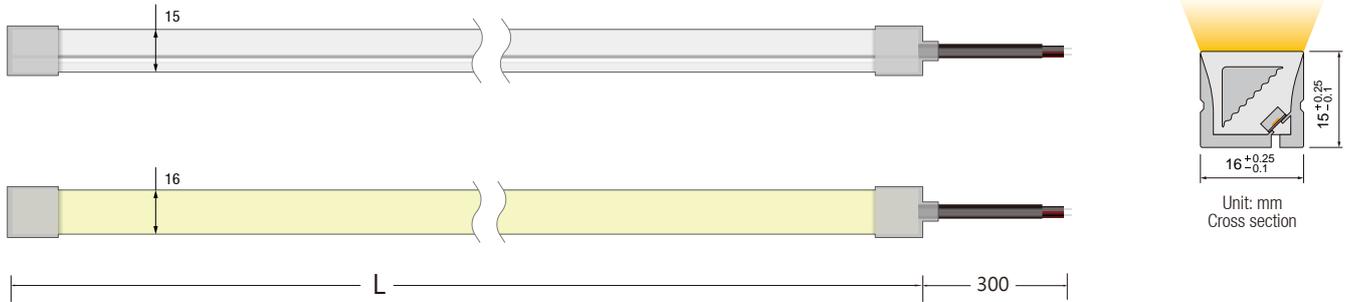


Features

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength
- Environmental protection grade silicone material, integrated extrusion molding process
- Unique optical light distribution structure design, uniform lighting surface and no shadow
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- working life ≥ 30000 hours

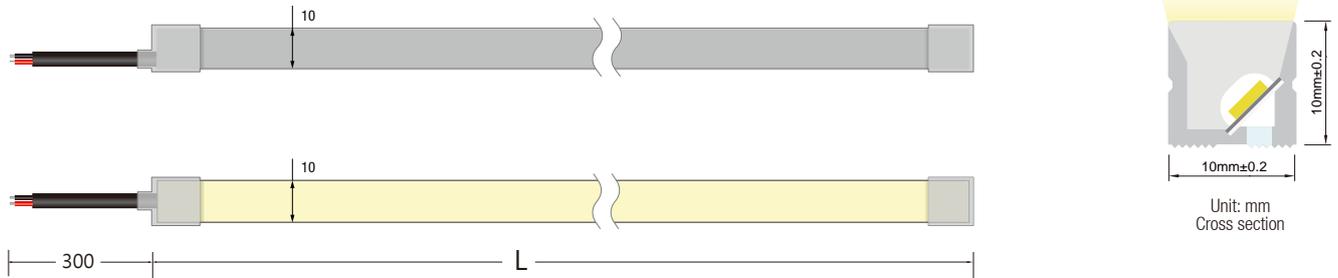


1615 IP67



Type	Emitting Side	CCT	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)	Wiring	Max.run length(M)
1615	Top&Side view	2400K	≥90	DC 24V (CV)	10	750	75	50	Front Side Bottom	5
		2700K				805	80.5			
		3000K				840	84			
		4000K				875	87.5			
		6000K				875	87.5			
		Red	/			370	37			
		Green				635	63.5			
		Blue				165	16.5			
		Yellow				310	31			
		Pink				575	57.5			

1010 IP67



Type	Emitting Side	CCT	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)	Wiring	Max.run length(M)
1010	Top&Side view	2700K	≥90	DC 24V (CV)	10	555	55.5	35.7	Front Side Bottom	5
		3000K				585	58.5			
		4000K				605	60.5			
		6500K				590	59			
		Red	/			200	20			
		Green				534	53.4			
		Blue				114	11.4			
		Yellow				132	13.2			
		Amber				176	17.6			
		Pink				445	44.5			

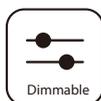
Professional

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



2835 24V 120D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm/6 LEDs
  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

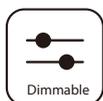
Professional

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



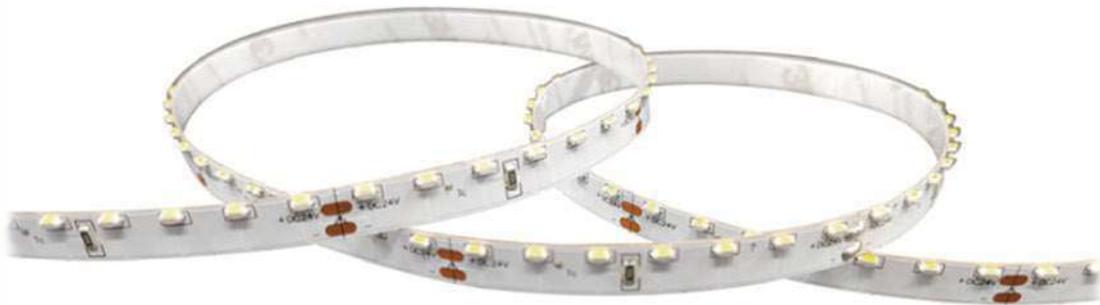
2835 24V 120D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 50 mm/6 LEDs
  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

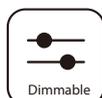
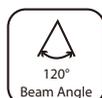
Professional

3014 Side-Emitting Lightbar Series



Features

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



3014 24V 112D / M

 Protection IP20
  Beam Angle 120°
  Min. Cutting 62.5 mm/7 LEDs
  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

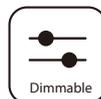
Professional

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°)



TPU Beam angle 40°

 Protection IP67
  Beam Angle 40°
  Min. Cutting @24V 166.67mm/8 LEDs
  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

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
  Beam Angle 30°
  Min. Cutting @24V 100 mm/7 LEDs
  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

 Protection IP20
  Beam Angle 50°
  Min. Cutting @24V 100 mm/7 LEDs
  Dimensions(mm) L5000*W10*H5.7

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

 Protection IP20
  Beam Angle 50°
  Min. Cutting @24V 100 mm/7 LEDs
  Dimensions(mm) L5000*W10*H5.7

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

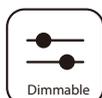
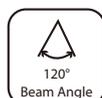
Professional

Dim to Warm Dimming LED strip



Features

- Small color tolerance, $R_a > 90$
- Color temperature 1800K-3000K



2216 24V 224D / M



Order Code	Color	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Ra
6LBR1N7JE0B11201	1800K-3000K	24	9.6	630	72	90

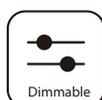
Professional

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 160 lm/W
- XH-2Y connection, convenient and fast



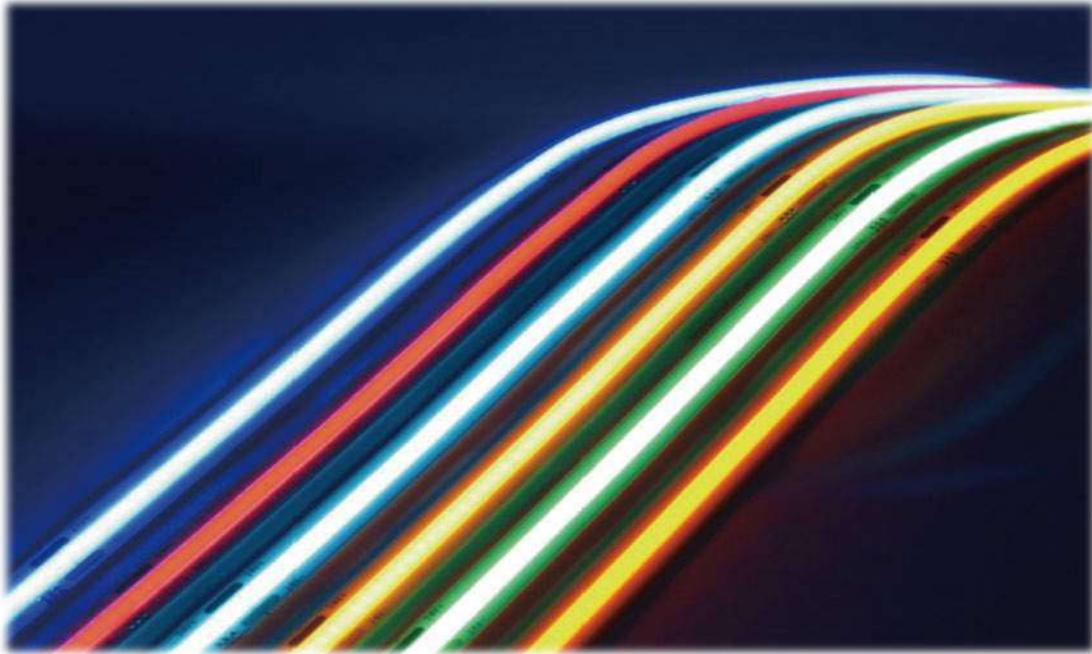
LED Lighting Board 24V

 Protection IP20
  Beam Angle 120°
  @Single color Dimensions(mm) L72*W36mm
  @Single color Dimensions(mm) L432*W216
 @RGB Dimensions(mm) L81*W54mm
  @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	 Green	24	5.7	513	90	-
	 Red	24	5.7	200	35	-
	 Blue	24	5.7	114	20	-

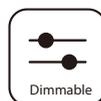
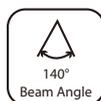
FCOB

FCOB Strip Series



Features

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



FCOB 24V 512D / M HE

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 62.5mm
  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	1150	115	>90
6LBR330JE0F51202	■ Warm White	24	10	1200	120	>90
6LBR340JE0F51202	■ Neutral White	24	10	1250	125	>90
6LBR365JE0F51202	■ Cool White	24	10	1250	125	>90

FCOB 24V 512D / M HE

 Protection IP65
  Beam Angle 140°
  Min. Cutting @24V 62.5mm
  Dimensions(mm) L5000*W12*H5.5

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

FCOB 24V 528D / M Narrow 5mm

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 45.2mm
  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	640	80	>90
6LBR330JE0F52802	■ Warm White	24	8	680	85	>90
6LBR340JE0F52802	■ Neutral White	24	8	720	90	>90
6LBR365JE0F52802	■ Cool White	24	8	720	90	>90
6LBR3BXJE0F52802	■ Blue	24	8	160	20	-
6LBR3TXJE0F52802	■ Green	24	8	960	120	-
6LBR3RXJE0F52802	■ Red	24	8	120	15	-

FCOB 24V 1008D / M Dual Color

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 41.7mm
  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	510	60	>90
	 Cool White	24	8.5	660	75	>90

FCOB RGB+CW 24V 700D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  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	23.3	-
	 Green	24	Max 4.5	330	73.3	-
	 Blue	24	Max 4.5	55	12.2	-
	 Warm White	24	Max 4.5	260	57.7	>90
	 Cool White	24	Max 4.5	270	60	>90

FCOB RGB+2700K 24V 560D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  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	23.3	-
	 Green	24	Max 4.5	330	73.3	-
	 Blue	24	Max 4.5	55	12.2	-
	 Warm White	24	Max 4.5	260	57.7	>90

FCOB RGB+3000K 24V 560D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  Dimensions(mm) L5000*W12*H2.3

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

FCOB RGB+4000K 24V 560D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  Dimensions(mm) L5000*W12*H2.3

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

FCOB RGB+6500K 24V 560D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  Dimensions(mm) L5000*W12*H2.3

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

FCOB RGB 24V 1134D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 55.6mm
  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	-
	 Green	24	Max 5.5	400	72.7	-
	 Blue	24	Max 5.5	50	9.1	-

FCOB Side-emitting 24V 378D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 55.6mm
  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	290	29	>90
6L BR330JE0F37801	 Warm White	24	10	290	29	>90
6LBR340JE0F37801	 Neutral White	24	10	300	30	>90
6BR365JE0F37801	 Cool White	24	10	300	30	>90

FCOB SPI-Magic 24V 840D / M

 Protection IP20
  Beam Angle 140°
  Min. Cutting @24V 100mm
  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	120	20	-
	 Green	24	6	540	90	-
	 Blue	24	6	80	13.3	-

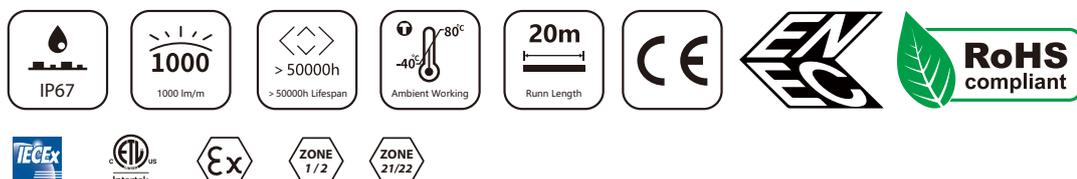
Niche

Explosion-proof

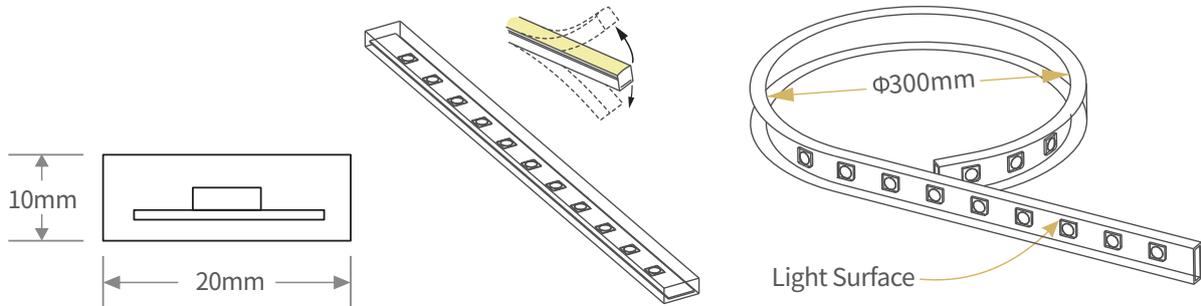


Features

- Able to attach to a wall or beam, or fit neatly in recesses or suspension
- The silicone housing can withstand more than 100kg tensile force without breaking
- Ideal for long-range scenarios including hand rails and stairs
- Built-in LED light source boasts a luminous efficiency up to 83lm/W and a lifespan up to 50,000 hours
- Silicone encapsulation isolates explosive gases and minimize explosion risks; 24V low-voltage reduces risks of serious electric shock and ensures safety for outdoor lighting installations
- Multiple color options are available including white, red, green, amber depending on what function or purpose the place requires



Explosion-proof



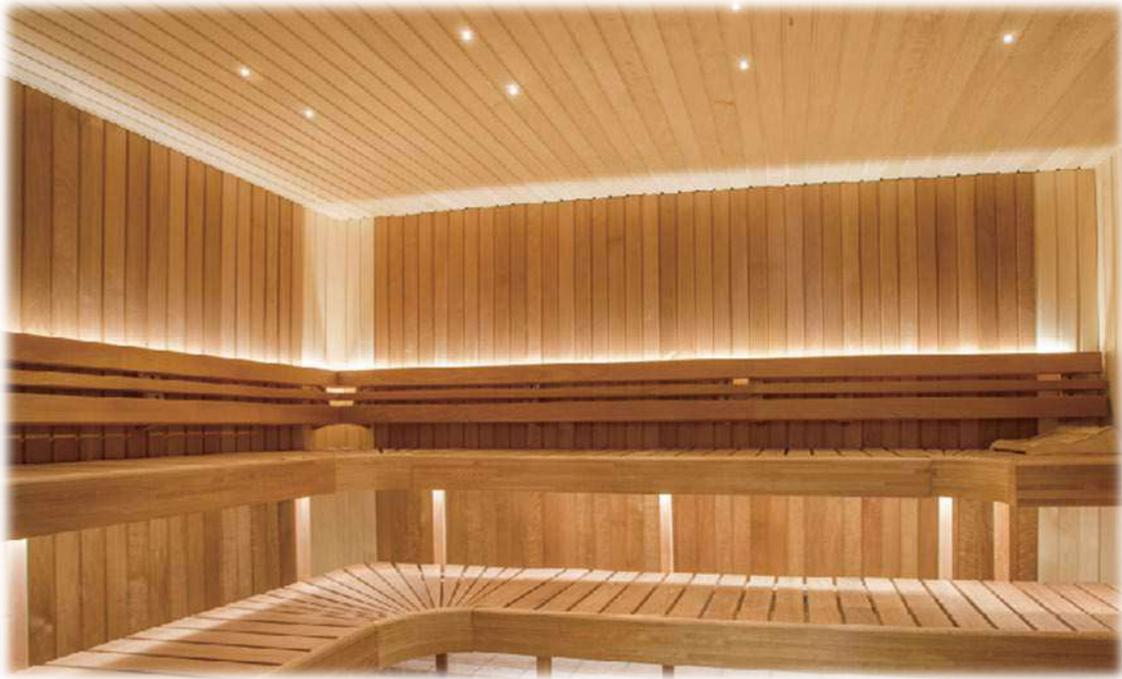
Note: Unless otherwise specified, the tolerance of the dimensions is $\pm 0.3\text{mm}$.

Type	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	LED QTY/M	Unit Cut (cm)
White	6500K	80	24	12	1000	84 (7/Unit)	8.3
R/G/A	Red	/		10	310		
	Green			10	880		
	Amber			10	350		

*Max. run length is 20m

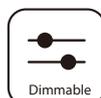
Niche

Sauna/Hot Spring

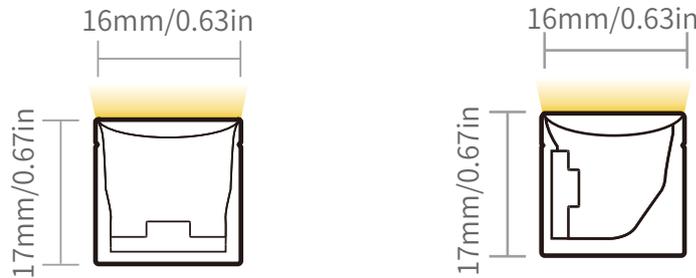


Features

- LED Light Strip is housed in silicone to better resist cracking, making it harder for trace elements to get into the light body and minimizing light failure
- The silicone extruded encasing and silicone injected connector enable IP68 waterproof rating. The light strip conforms to UL676 Standard for Underwater Luminaires
- The structure offers good thermal management and a constant current chip inside to avoid overheating
- As one of the few flexible light strips designed for hot springs, these immersible and heat proof lights are available in two bending directions, allowing for more flexibility and adaptability to irregularly shaped hot springs, providing a uniform lighting scheme and personalized options.
- Provide you to save your energy and costs on maintenance, guaranteed by premium quality of products



F22



Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F22 Single Color	Top view	2700K	80	24	6	350	58	55.6
		3000K				350	58	55.6
		4000K				350	58	55.6
		5700K				350	58	55.6
		Red	/			190	32	83.3
		Green				390	65	55.6
		Blue				75	13	55.6
		Amber				190	32	83.3
	Side view	2700K	80			260	43	55.6
		3000K				260	43	55.6
		4000K				260	43	55.6
		5700K				260	43	55.6
		Red	/			140	23	83.3
		Green				300	50	55.6
		Blue				55	9	55.6
		Amber				140	23	83.3

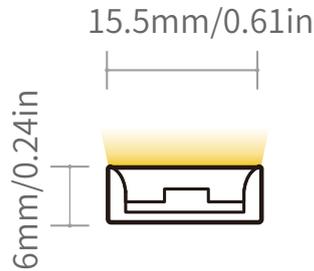
F22

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F22 Dual Color	Top view	■ 2200K	80	24	3	110	37	83.3
		■ 5700K			3	135	45	
	Side view	■ 2200K			3	110	37	83.3
		■ 5700K			3	135	45	

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F22 RGB	Top view	RGB	/	24	4.5	135	/	83.3
	Side view	RGB				110	/	83.3

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F22 RGBW	Top/Side view	■ Red	/	24	1.5	36	24	83.3
		■ Green			1.5	95	63	
		■ Blue			1.5	16	11	
		■ 2700K			80	1.5	95	
	Top/Side view	■ Red	/	24	1.5	36	24	83.3
		■ Green			1.5	95	63	
		■ Blue			1.5	16	11	
		■ 3000K			80	1.5	95	
	Top/Side view	■ Red	/	24	1.5	36	24	83.3
		■ Green			1.5	95	63	
		■ Blue			1.5	16	11	
		■ 4000K			80	1.5	95	

F16



Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F16 Single Color	Top view	2700K	80	24	6	400	67	166.7
		3000K				450	75	166.7
		4000K				450	75	166.7
		5700K				450	75	166.7
		Red	/		4	150	38	250
		Green			6	250	42	166.7
		Blue			6	85	14	166.7
		Amber			4	150	38	250

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F16 Dual Color	Top view	2200K	80	24	3	160	53	83.3
		5700K			3	205	68	

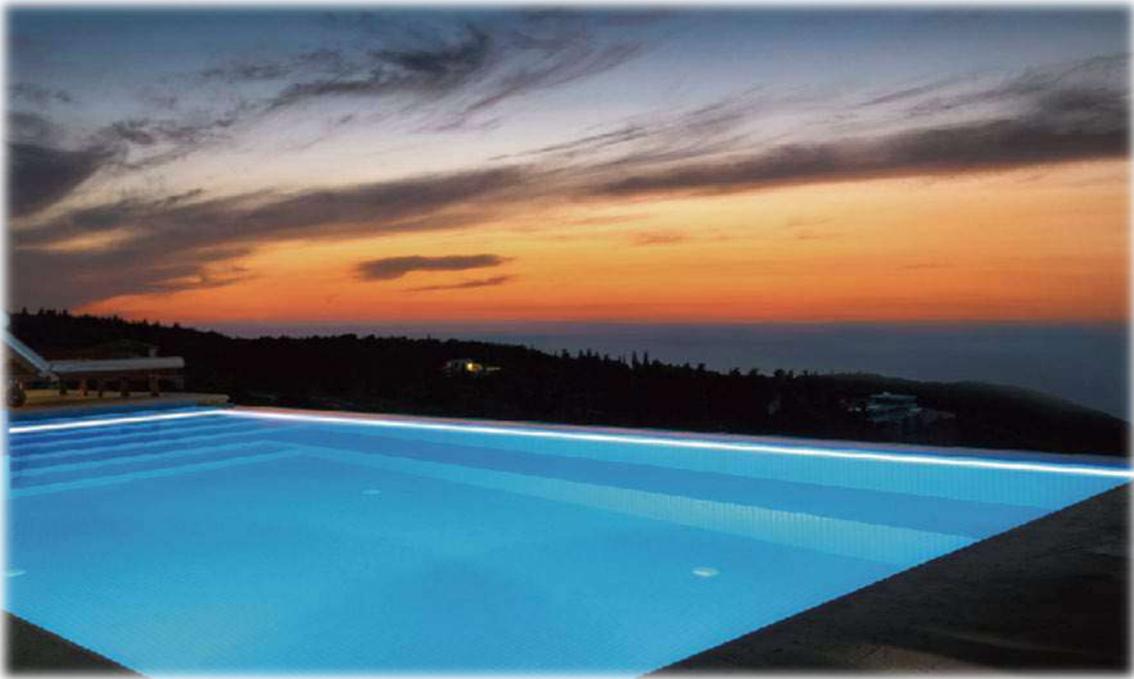
F16

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F16 RGB	Top view	RGB	/	24	3.6	130	/	100

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)
F16 RGBW	Top view	■ Red	/	24	1.25	35	28	100
		■ Green			1.25	92	73.6	
		■ Blue			1.25	18	14.4	
		■ 2700K	80		1.25	92	73.6	
	Top view	■ Red	/	24	1.25	35	28	100
		■ Green			1.25	92	73.6	
		■ Blue			1.25	18	14.4	
		■ 3000K	80		1.25	92	73.6	
	Top view	■ Red	/	24	1.25	35	28	100
		■ Green			1.25	92	73.6	
		■ Blue			1.25	18	14.4	
		■ 4000K	80		1.25	92	73.6	

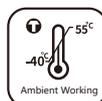
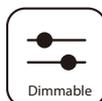
Niche

Underwater



Features

- Comply with UL 676, one of the most stringent standards for Safety Underwater Luminaires and Accessories. Fully encapsulated in silicone and sealed by the injection-moulded connector with dedicated weather-resistant SJTW cable
- IP68 rated, permanently submersible for swimming pool, water features, fountain, and more in the depth up to 5m
- A homogenous and soft light line is achievable up to 30m per piece. Optional in horizontal and vertical bending to accommodate the needs of installation
- Provide you with a maintenance-free purchase experience, guaranteed by premium quality of products



Applicable



Fresh Water



Sea Water
(Salinity ≤ 4%)



Swimming pool
(Chlorine ≤ 2PPM)



Swimming pool
(Ozone ≤ 0.3PPM)



Spring Water
(conditions are restricted)

F22

Type	Bending Direction	Color	Ra	Voltage (V)	Power (w/m)	Typ.Flux (lm/m)	Typ.Efficiency (lm/w)	Unit Cut (mm)		
F22 Single Color	Top view	2700K	80	24	12	565	47	55.6		
		3000K				565	47			
		4000K				580	48			
		5700K				580	48			
	Side view	2700K	80			470	39	55.6		
		3000K				470	40			
		4000K				480	39			
		5700K				480	40			
F22 Dual Color	Top view	2200K	80	24	6	220	37	83.3		
		5700K				270	45			
	Side view	2200K	80			24	6	220	37	83.3
		5700K						270	45	

Dimmer for LED Strips

Item	Product Code	Application	Feature
	33LBR1030001 (Controller+Remote)	Double color dimming	<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
	33LBR1030002 (Controller+Remote)	RGB 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 : 18A 7. Output Power : 12V < 216W, 24V < 432W

Item	Product Code	Application	Feature
	<p>33LBR1030003 (Controller+Remote)</p>	<p>RGBW 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 : 24A 7. Output Power : 12V < 216W, 24V < 432W
	<p>33LBR1030006 (Controller+Remote)</p>	<p>RGBWW dimming</p>	<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

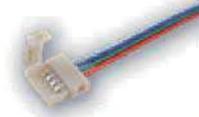
Solderless Connector



33WR10000001



33WR10000002



33WR10000003



33WR10000004



33CNR10000001

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



33CNR10000002

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



33CNR10000003

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



33CNR10000004

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)



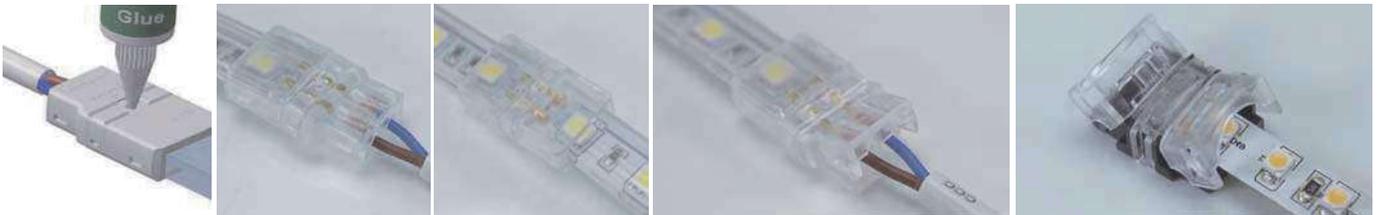
4-Pins connection diagram

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

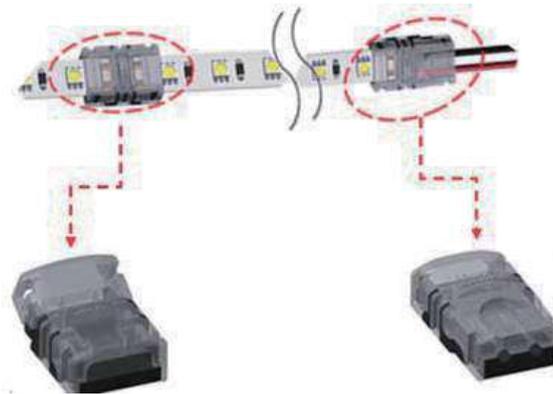


No.	Product Code	Specification					Sample
		PCB Width	Channel Color	LED Density	Application	Connection mode	
01	13CNX1000013	8 mm	2-PINs Single color	30~120 LEDs/m	IP20 LED strips	PCB to PCB	
02	13CND1000004					Cable to PCB	
03	13CNX1000014	10 mm	2-PINs Single color	30~120 LEDs/m	IP20 LED strips	PCB 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 plug-in Power Supplies

Constant Voltage CV

Input voltage: 220 - 240 VAC
 Max. No-load power < 0.5W
 Without dimming function
 Customized output lines possible
 EN61347-2-13, CE



	Part No.	Power [W]	Output current [mA]	LED voltage range [V _{oc}]	LED-Spg. [V _{oc}]	Efficiency [%]	Power factor	t _c [°C]	Case Dimensions L x W x H [mm]
plug-in power supplies-CV	AW06-12VD07	7	600	-	12	75	0,8	+85	65 x 42 x 28
	AW06-24VD07	7	300	-	24	78	0,8	+85	65 x 42 x 28
	AW06-12VD12	12	1.000	-	12	80	0,8	+85	65 x 42 x 28
	AW06-24VD12	12	500	-	24	82	0,8	+85	65 x 42 x 28
	AW06-12VD15	15	1.250	-	12	82	0,8	+85	65 x 42 x 28
	AW06-24VD15	15	625	-	24	82	0,8	+85	65 x 42 x 28
	AW06-12VD20	20	1.670	-	12	84	0,8	+85	95 x 74 x 55
	AW06-24VD20	20	840	-	24	84	0,9	+85	95 x 74 x 55
	AW06-12VD30	30	2.500	-	12	86	0,8	+85	95 x 74 x 55
	AW06-24VD30	30	1.250	-	24	86	0,8	+85	95 x 74 x 55
	AW06-24VD36-	36	1.500	-	24	88	0,9	+85	95 x 74 x 55

LED Power Supplies

Constant Voltage CV

- Input voltage: 220 - 240VAC | Max. No-load power < 0.5W
- Flicker-free | Without dimming function | Independent control gear
- Safety approval according to EN61347-1, EN61347-2-13
- Very good price/performance ratio
- Can be supplied with ready-made primary/secondary leads



	Part No.	Output [W]	Output current [mA]	LED-Volt. Area [V _{DC}]	LED-Spg. [V _{DC}]	Efficiency [%]	Performance factor	t _c [°C]	Case Dimensions L x W x H [mm]
SL-Series	AW06-12SL15	15	1.250	-	12	83	0.5	+85	100,0 x 46,5 x 15,0
	AW06-24SL15	15	625	-	24	84	0.8	+85	100,0 x 46,5 x 15,0
	AW06-12SL20	20	1.666	-	12	85	0.5	+85	128,0 x 50,5 x 15,0
	AW06-24SL20	20	833	-	24	84	0.9	+85	128,0 x 50,0 x 15,5
R-Series	AW06-12VR07	7	580	-	12	81	0.8	+85	80,4 x 38,5 x 17,5
	AW06-24VR07	7	300	-	24	82	0.8	+85	80,4 x 38,5 x 17,5
C-Series	AW06-12VC12	12	1.000	-	12	82	0.8	+85	80,0 x 38,0 x 22,5
	AW06-24VC12	12	500	-	24	85	0.8	+85	80,0 x 38,0 x 22,5
E-Series	AW06-12VE15	15	1.250	-	12	82	0.8	+85	122,0 x 39,0 x 18,0
	AW06-24VE15	15	625	-	24	85	0.8	+85	122,0 x 39,0 x 18,0
XM-Series	AW06-12VXM20	20	1.666	-	12	85	0.96	+85	135,0 x 44,5 x 29,0
	AW06-24VXM25	25	1.050	-	24	85	0.96	+85	135,0 x 44,5 x 29,0

	Part No.	Output [W]	Output current [mA]	LED-Volt. Area [V _{DC}]	LED-Spg. [V _{DC}]	Efficiency [%]	Performance factor	t _c [°C]	Case Dimensions L x W x H [mm]
XL-Series	AW06-12VXL30	30	2.500	-	12	84	0.9	+85	150,0 x 44,5 x 29,0
	AW06-12VXL40	40	3.333	-	12	85	0.9	+80	150,0 x 44,5 x 29,0
	AW06-24VXL40	40	1.666	-	24	86	0.9	+85	150,0 x 44,5 x 29,0
P-Series	AW06-12VP50	50	4.160	-	12	87	0.9	+85	166,0 x 50,0 x 32,0
	AW06-24VP50	50	2.080	-	24	85	0.9	+85	166,0 x 50,0 x 32,0
	AW06-12VP60	60	5.000	-	12	88	0.9	+85	166,0 x 50,0 x 32,0
	AW06-24VP60	60	2.500	-	24	87	0.9	+85	166,0 x 50,0 x 32,0

Power Supplies

AW06 Slim-Series with 6 outputs

- Optional with SMART Home interface
- Optional with PIR motion sensor
- WiFi / Zigbee / Bluetooth / 2,4G / PIR
- Compatible with common SMART Home solutions
- With 6 output sockets for 2-pole Dupont plug



Part No.	Power [W]	Output current [mA]	LED-Volt. Area [V _{DC}]	Efficiency [%]	Input Voltage [V _{AC}]	Case Dimensions L x W x H [mm]
AW06-12SA15	15	1.250	12	83	220-240	120,0 x 51,5 x 17,0
AW06-24SA15	15	625	24	83	220-240	120,0 x 51,5 x 17,0
AW06-12SC30	30	2.500	12	86	220-240	163,0 x 51,5 x 17,0
AW06-24SC30	30	1.250	24	86	220-240	163,0 x 51,5 x 17,0
AW06-12ST45	45	3.750	12	87	220-240	200,0 x 67,5 x 17,0
AW06-24ST45	45	1.875	24	87	220-240	200,0 x 67,5 x 17,0
AW06-12ST60	60	5.000	12	87	220-240	200,0 x 67,5 x 17,0
AW06-24ST60	60	2.500	24	87	220-240	200,0 x 67,5 x 17,0
AW06-12SE100	100	8.333	12	88	220-240	247,0 x 67,5 x 17,0
AW06-24SE100	100	4.166	24	88	220-240	247,0 x 67,5 x 17,0

Accessories

SMART Module for AW06 Slim Series



	Interface	Dimensions [mm]
ASC-1224BT1	Bluetooth	52,0 x 38,0 x 13,0
ASC-1224-2.4G	2.4G	52,0 x 38,0 x 13,0
ASC-1224-ZB1	Zigbee	52,0 x 38,0 x 13,0
ASC-1224WF1-1K	Wifi	52,0 x 38,0 x 13,0
ASC-PIR	PIR Sensor	Ø 12,0 x 30,0
ASC-Touch	Capacitive	Ø 12,0 x 20,0
ASC-Hand	ReflectiveOptoSwitches	Ø 12,0 x 20,0

LED Power Supplies

With SMART Home connectivity

- Compatible with popular SMART Home solutions (Philips Hue / Amazon alexa / Google Home) via Tuya standard
- Optional with Wifi , Zigbee or BLE interface
- Optional with 2 (CCT) or 5 (CCT+RGB) channels
- Protection IP20
- Independent control gear



	Part No.	Power [W]	Number of Channels	Output current [mA]	LED-Volt. Area [V _{dc}]	Efficiency [%]	Input Voltage [V _{ac}]	Case Dimensions L x W x H [mm]
CV-Series	AS-24CV12-2	12	2	500	24	77	220 – 240	107,5 x 38,0 x 29,0
	AS-12CV20-2	20	2	1.670	12	85	220 – 240	107,5 x 44,5 x 29,0
	AS-12CV20-5	20	5	1.670	12	85	220 – 240	107,5 x 44,5 x 29,0
	AS-24CV20-2	20	2	830	24	85	220 – 240	107,5 x 44,5 x 29,0
	AS-24CV20-5	20	5	830 / RGB: 625	24	85	220 – 240	107,5 x 44,5 x 29,0
	AS-12CV30-2	30	2	2.500	12	85	220 – 240	135,0 x 44,5 x 29,0
	AS-12CV30-5	30	5	2.500	12	85	220 – 240	135,0 x 44,5 x 29,0
	AS-24CV30-2	30	2	1.250	24	86	220 – 240	135,0 x 44,5 x 29,0
	AS-24CV30-5	30	5	1.250	24	86	220 – 240	135,0 x 44,5 x 29,0
	AS-12CV40-2	40	2	3.333	12	85	220 – 240	135,0 x 44,5 x 29,0
	AS-12CV40-5	40	5	3.333	12	85	220 – 240	135,0 x 44,5 x 29,0
	AS-24CV40-2	40	2	1.670	24	88	220 – 240	135,0 x 44,5 x 29,0
	AS-24CV40-5	40	5	1.670 / RGB: 1250	24	88	220 – 240	135,0 x 44,5 x 29,0
	AS-12CV60-2	60	2	5.000	12	88	220 – 240	160,0 x 50,0 x 29,0
	AS-12CV60-5	60	5	5.000 / RGB: 3.750	12	88	220 – 240	160,0 x 50,0 x 29,0
	AS-24CV60-2	60	2	2.500	24	90	220 – 240	160,0 x 50,0 x 29,0
AS-24CV60-5	60	5	2.500	24	90	220 – 240	160,0 x 50,0 x 29,0	



Accessories

Remote control for Anway AS-series

Compatible with popular SMART Home solutions
Choice of 2 (CCT) or 5 (CCT+RGB) channels
Protection IP20



	Dimensions [mm]	Channel	Modul	Several groups	Quantity Operating devices	Mesh Function	Operating distance [m]	Battery
AR-IR-2	150 x 38,5 x 17,0	Dimming + CCT	Infrared	No	no limit	No	8-10	2 x AAA
AR-IR-5	150 x 38,5 x 17,0	Dimming + CCT	Infrared	No	no limit	No	8-10	2 x AAA
AR-2.4G-2	150 x 38,5 x 17,0	RGBCCT	2.4GHz	Yes	no limit	No	20	2 x AAA
AR-2.4G-5	150 x 38,5 x 17,0	RGBCCT	2.4GHz	Yes	no limit	No	20	2 x AAA
AR-SIG-5	150 x 38,5 x 17,0	RGBCCT	Sigmesh	Yes	max. 30 Pcs.	Yes	20	2 x AAA

Accessories

Battery-less Kinetic Switch for Anway AS-series



AR-433-1K



AR-433-2K



AR-IR2

	Dimensions [mm]	Channel	Modul	Several groups	Quantity Operating devices	Mesh Function	Operating distance [m]	Battery
AR-433-1K	86,0 x 86,0 x 14,5	Dimming	433 MHz	Yes	max. 10	No	20	-
AR-433-2K	86,0 x 86,0 x 14,5	Dimming + CCT	433 MHz	Yes	max. 1	No	20	-
AR-IR2	86,0 x 86,0 x 14,5	RGBCCT	433 MHz	Yes	max. 10	No	20	-

LED Power Supplies

Constant Voltage CV

Best performance for highest demands in the indoor area

Input voltage 90-305Vac or 127-250Vdc PWM

Output frequency <1kHz

Low inrush current <4A

100000h lifetime @ Tc = 75°C

Optional with DALI or 1-10V interface



Part No.	Power [W]	Output current [mA]	LED-Volt. Area [V _{oc}]	Length [mm]	Width [mm]	Height [mm]
BSR-055-V024-XXX	55	2.300	24	378	30.0	21,0
BSR-055-V048-XXX	55	1.200	48	378	30.0	21,0
BSR-080-V024-XXX	80	3.330	24	378	30.0	21,0
BSR-080-V048-XXX	80	1.670	48	378	30.0	21,0

LED Power Supplies

Constant Voltage CV

Optional dimming functions: DALI, 0-10V, DIMoff Wide input

Voltage range: 90 - 305 VAC | 127 - 420 VDC Operating

Temperature range: -40° C to +70° C

Very high noise immunity 6 KV DM and 10 KV CM

>100,000 hours lifetime at Tc +75° C Efficiency up to 93CM



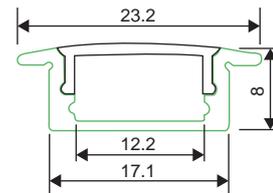
Part No.	Power [W]	Output current [mA]	LED – Volt. – Area [Voc]	Length [mm]	Width [mm]	Height [mm]
BLD-075-V012-XXX	75	3.100	12	158	67,5	33,5
BLD-075-V024-XXX	75	3.100	24	158	67,5	33,5
BLD-075-V036-XXX	75	2.100	36	158	67,5	33,5
BLD-075-V048-XXX	75	1.600	48	158	67,5	33,5
BLD-096-V012-XXX	96	8.000	12	188	67,5	33,5
BLD-096-V024-XXX	96	4.000	24	188	67,5	33,5
BLD-096-V036-XXX	96	2.670	36	188	67,5	33,5
BLD-096-V048-XXX	96	2.000	48	188	67,5	33,5
BLD-120-V024-XXX	120	5.000	24	188	67,5	33,5
BLD-120-V036-XXX	120	3.300	36	188	67,5	33,5
BLD-120-V048-XXX	120	2.500	48	188	67,5	33,5
BLD-150-V012-XXX	150	12.500	12	188	67,5	33,5
BLD-150-V024-XXX	150	6.300	24	188	67,5	33,5
BLD-150-V036-XXX	150	4.200	36	188	67,5	33,5
BLD-150-V048-XXX	150	3.200	48	188	67,5	33,5
BLD-200-V012-XXX	200	16.700	12	201	68,0	33,5
BLD-200-V024-XXX	200	8.300	24	201	68,0	33,5
BLD-200-V048-XXX	200	4.200	48	201	68,0	33,5
BLD-240-V012-XXX	240	20.000	12	242	67,5	33,5
BLD-240-V024-XXX	240	10.000	24	242	67,5	33,5
BLD-240-V048-XXX	240	5.000	48	242	67,5	33,5
BLD-320-V024-XXX	320	13.300	24	251	68,0	38,5
BLD-320-V048-XXX	320	6.700	48	251	68,0	38,5
BLD-400-V012-XXX	400	33.300	12	267	90,0	41,5
BLD-400-V024-XXX	400	16.700	24	251	90,0	41,5
BLD-400-V048-XXX	400	8.300	48	251	90,0	41,5
BLD-600-V024-XXX	600	25.000	24	262	125	43
BLD-600-V048-XXX	600	12.500	48	262	125	43
BLD-800-V024-XXX	800	33.300	24	262	125	43
BLD-800-V048-XXX	800	16.700	48	262	125	43

Decorative Aluminium Extruding Solution



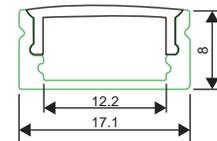
TYPE 1 33LBR104xxxx

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



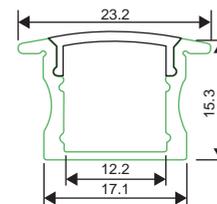
TYPE 2 33LBR104xxxx

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



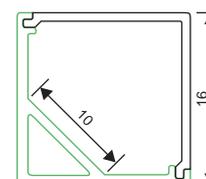
TYPE 3 33LBR104xxxx

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



TYPE 4 33LBR104xxxx

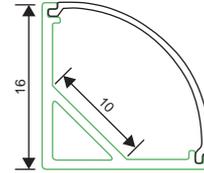
CORNER MOUNTING
.....
Square aluminium LED profile
Length | 1m, 2m or 2.5m each pcs





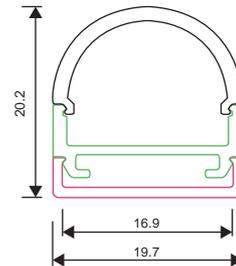
TYPE 5
33LBR104xxxx

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



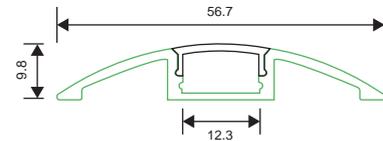
TYPE 6 33LBR104xxxx

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



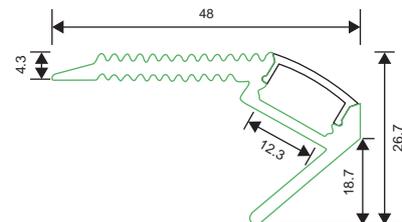
TYPE 7 33LBR104xxxx

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



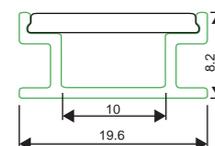
TYPE 8
33LBR104xxxx

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

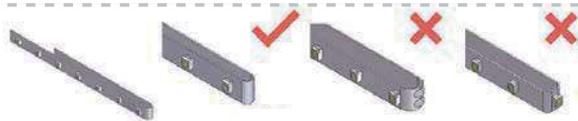
IP 20 Non-Waterproof Series

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.

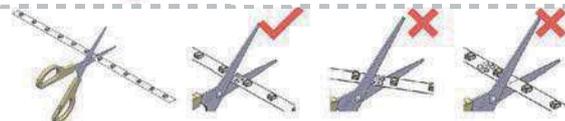
Do not twist it



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°



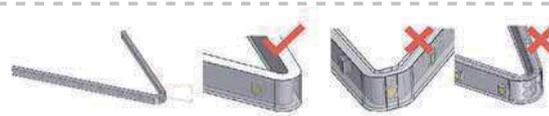
IP54/IP65/IP67 Waterproof Series

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°



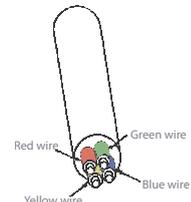
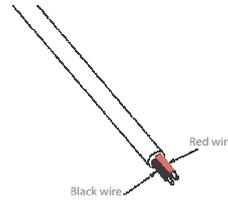
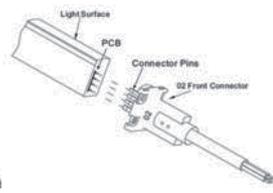
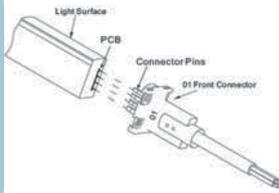
Single Color LED Ribbon Light Connection Diagram

For 01 type connector

For 02 type connector

2-Wires cable

4-Wires cable



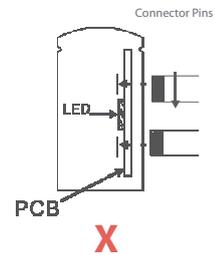
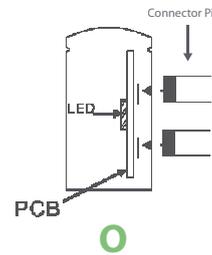
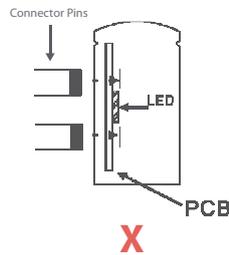
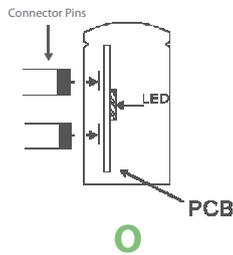
Connector Type 01/02 Identification

Wire anode and cathode

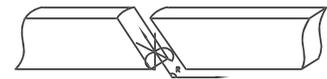
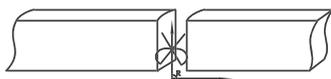
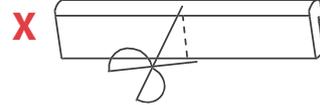
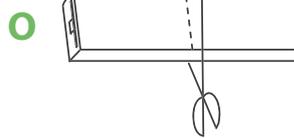
Connector Pin Position

For 01 type connector

For 02 type connector



Cutting Instruction



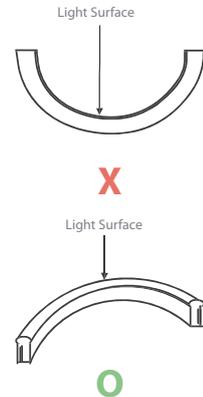
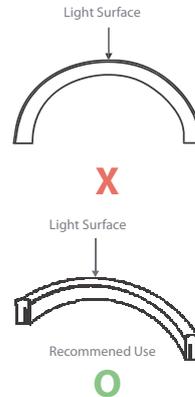
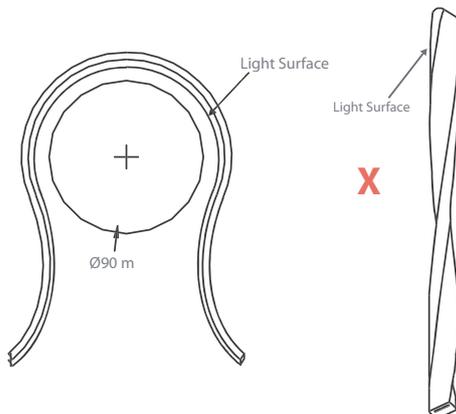
O The correct cutting way, $R = 90^\circ$

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.