

# WATER-DROP LIGHTING STRIP



**MYNICE®**

- BACK-LIGHTING STRIP
- EDGE-LIGHTING STRIP



# Back-lighting strip



- High quality and stable glue potting, can get good reliability and achieve IP65 water-proof.



- Excellent bat-wing optical lens (178°), can get much more uniformity performance.

\* Best for 40mm to 250mm light box application.

# Back-lighting strip

Series (6500K)	Product number	Voltage	Dimension	LED quantity	Power	Lumen output	Efficacy	lifetime
WB15	L212GW15A-1.0-SD	12VDC	L950 x W14.8 x H6.3 mm	12	12W	1200lm	100lm/W	3 years
	L206GW15A-0.5-SD	12VDC	L475 x W14.8 x H6.3 mm	6	6W	600lm	100lm/W	3 years
	L212GW15B-1.0-SD	24VDC	L950 x W14.8 x H6.3 mm	12	12W	1200lm	100lm/W	3 years
	L206GW15B-0.5-SD	24VDC	L475 x W14.8 x H6.3 mm	6	6W	600lm	100lm/W	3 years
	L216GW15B-1.0-SD	24VDC	L950 x W14.8 x H6.3 mm	16	8W	1200lm	150lm/W	3 years
	L208GW15B-0.5-SD	24VDC	L475 x W14.8 x H6.3 mm	8	4W	600lm	150lm/W	3 years

Remark:

- The CCT can be 2700K, 3000K, 4000K, 5000K, 6500K, 8000K, >10000K.
- Beam angle: 170°.
- 10 strips/chain.
- Distance (center to center): 150mm.

# Back-lighting strip

Series (6500K)	Product number	Voltage	Dimension	LED quantity	Power	Lumen output	Efficacy	lifetime
WB17	L212GW17A-1.0-SD	12VDC	L950 x W17 x H6.8 mm	12	12W	1320lm	110lm/W	5 years
	L206GW17A-0.5-SD	12VDC	L475 x W17 x H6.8 mm	6	6W	660lm	110lm/W	5 years
	L212GW17B-1.0-SD	24VDC	L950 x W17 x H6.8 mm	12	12W	1320lm	110lm/W	5 years
	L206GW17B-0.5-SD	24VDC	L475 x W17 x H6.8 mm	6	6W	660lm	110lm/W	5 years
	L216GW17B-1.0-SD	24VDC	L950 x W17 x H6.8 mm	16	8W	1320lm	165lm/W	5 years
	L208GW17B-0.5-SD	24VDC	L475 x W17 x H6.8 mm	8	4W	660lm	165lm/W	5 years

Remark:

- The CCT can be 2700K, 3000K, 4000K, 5000K, 6500K, 8000K, >10000K.
- Beam angle: 178°.
- 10 strips/chain.
- Distance (center to center): 200mm.

# Back-lighting strip

Series	Product number	Voltage	CCT	Dimension	LED quantity	Power	Lumen output	lifetime
<b>WBTW</b> (tunable white)	L212GW17A-1.0-TW-SD	12VDC	2700K~6500K	L950 x W17 x H6.8 mm	12	12W (6W+6W)	1170lm (600lm + 570lm)	5 years
	L206GW17A-0.5-TW-SD	12VDC	2700K~6500K	L475 x W17 x H6.8 mm	6	6W (3W+3W)	585lm (300lm + 285lm)	5 years
	L212GW17B-1.0-TW-SD	24VDC	2700K~6500K	L950 x W17 x H6.8 mm	12	12W (6W+6W)	1170lm (600lm + 570lm)	5 years
	L206GW17B-0.5-TW-SD	24VDC	2700K~6500K	L475 x W17 x H6.8 mm	6	6W (3W+3W)	585lm (300lm + 285lm)	5 years

Series	Product number	Voltage	Wavelength	Dimension	LED quantity	Power	Lumen output	lifetime
<b>WBRGB</b>	L212HA20B-RGB-SD	24VDC	Red:620-630nm Green:520-530nm Blue:460-470nm	L950 x W20 x H6.8 mm	12	18W Red: 6W Green: 6W Blue: 6W	636lm Red: 180lm Green: 360lm Blue: 96lm	3 years
	L206HA20B-RGB-0.5-SD	24VDC	Red:620-630nm Green:520-530nm Blue:460-470nm	L475 x W20 x H6.8 mm	6	9W Red: 3W Green: 3W Blue: 3W	318lm Red: 90lm Green: 180lm Blue: 48lm	3 years

**Remark:**

- Beam angle: 178°.
- 10 strips/chain.
- Distance (center to center): 200mm.



# Back-lighting strip

- Roll-up type connection



# Edge-lighting strip



- High quality and stable glue potting, can get good reliability and achieve IP65 water-proof.



- Excellent edge-lighting optical lens, can get much more uniformity performance.

\* Best for 70mm to 250mm light box application.

# Edge-lighting strip

Series (6500K)	Product number	Voltage	Dimension	LED quantity	Power	Lumen output	Efficacy	lifetime
WE24	L218GW24B-1.0-SD	24VDC	L980 x W24 x H13.4 mm	18	18W	1800lm	100lm/W	5 years
	L218HW24B-1.0-SD	24VDC	L980 x W24 x H13.4 mm	18	27W	2700lm	100lm/W	5 years

Remark:

- The CCT can be 2700K, 3000K, 4000K, 5000K, 6500K, 8000K, >8000K.
- Beam angle: 15° x 30°.





# Edge-lighting strip

Series (6500K)	Product number	Voltage	Dimension	LED quantity	Power	Lumen output	Efficacy	lifetime
WE25	Z206HW25E-SD	24VDC	L420 x W25 x H15.3 mm	6	14.5W	1740lm	120lm/W	5 years
	Z203HW25E-SD	24VDC	L195 x W25 x H15.3 mm	3	7.2W	864lm	120lm/W	5 years

Remark:

- The CCT can be 2700K, 3000K, 4000K, 5000K, 6500K
- Constant current design (Buck circuit).
- EMI/EMC passed.
- Beam angle: 15° x 45°.



# Additional information

Operating Environment ( t <sub>a</sub> )	-25°C to +60°C
Storage Temperature Range ( t <sub>s</sub> )	-40°C to +85°C
IP Rating	IP65
Installation method	screw

- Installation of LED strip with power supplies needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED strips is discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload.
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED strips that can be operated on one control gear.











