



ZL 2017 2 1153882.0



CCT Available



Lighting Mode:



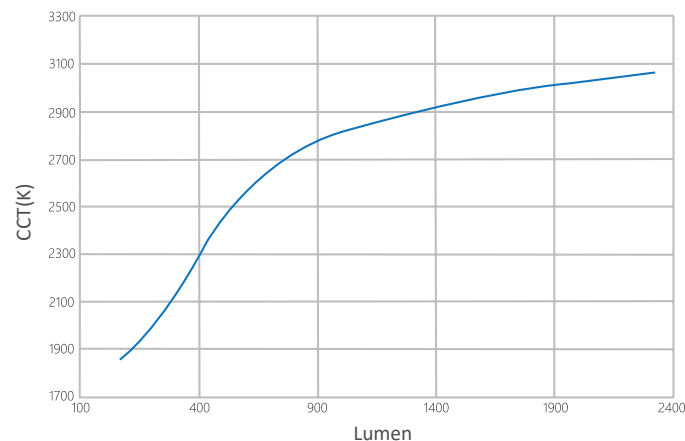
PRODUCT DESCRIPTION

Blueview PTW-2835A series strip adopt PWM to warm technology to achieve dual white CCT and brightness tuned at one time.

FEATURES

- **CCT:** 1800-3000K
- **Max. Run:** 3.5m(single feed)
- **High brightness:** up to 2323lm/m
- **High LED density:** 168leds/m
- **Min. Cut:** 83.7mm[3.3inch]
- **Light Efficacy:** 84lm/w
- **Min. PCB Width:** 12mm [0.47inch]
- **Dimmable:** PWM, DMX512, Dali, 0-10V, Casambi available
- **Auxiliary heat dissipation:** to be required in channel(extrusion) to ensure the max. service life of the strip, or use in ventilation heat dissipation environment.
- **Waterproof:** IP64(Spray Glue Coated), IP65(Thick Glue Coated), IP67(Tube Water proof), IP68(Glue Tube /Silicone Tube Waterproof)
- **Mounting:** Two- side thermal conductive adhesive tape or 9080H 3M self adhesive tape
- **Lumen Maintenance:** L70 > 54000 hrs, 53°C: test 9000hrs ,lumen maintenance rate 98.18%. 85°C: test 9000hrs ,lumen maintenance rate 97.59%.

DIMMING CURVE



PRODUCT DESCRIPTION

Model No.	Light Color	Color Temperature(K)	Beam Angle	Lumens/m	CRI	Efficacy(lm/W)	Voltage(V DC)	Power(W/m)
PTW-2835A-168-24 -WN	W	1800	120°	76	90+	63	24	1
	N	3000		2323		84		26
	W+N	2700		711		88		8

OTHER PARAMETERS

Model No.	LED QTY(pcs/m)	Product Size(L*W)	Max Run	Min Cuttable Length	Working Temperature	Storage Temperature
PTW-2835A-168-24 -WN	168	5000*12mm	3.5m	83.7mm	-20~+60℃	-20~+70℃

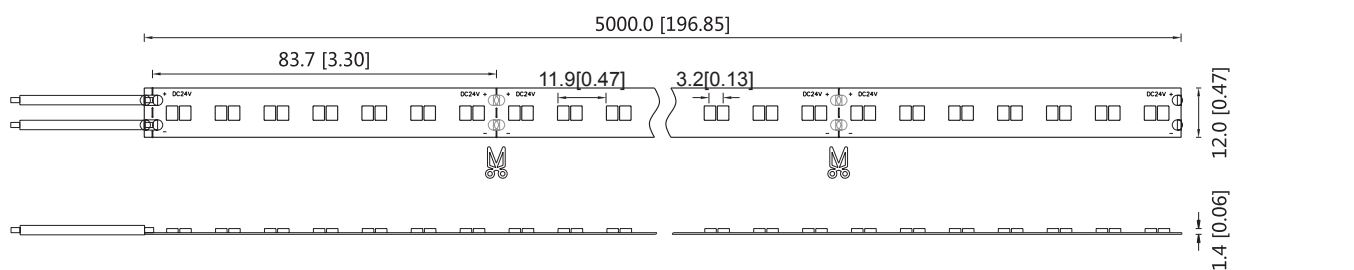
NOTE:

- Figures above are typical figures. Actual figures could be different with typical figures, and the data is subject to change without notice.
- The luminous flux is tested with corresponding color light on.
- Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 10%.
- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.

PERFORMANCE

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Blueview 's TUV Innovation Lab.

PCB DRAWING



Note:

Wire length customizable, recommend to use 15cm length 20AWG parallel wire/sheathed cable, properly reduce the max run when the wire length more than 20cm

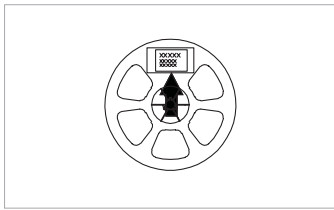
ORDERING CODE

PTW	—	2835	A	—	168	—	24	—	WN
Model	LED Package			LED quantity		Voltage		Color	
PWM Dim To Warm	2835 LED	A level	168leds/m		DC 24V		White and warm white		

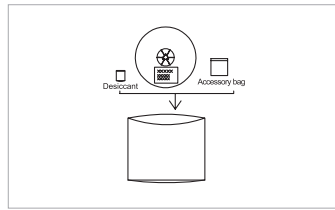
Operating Length VS. Electrical Parameters

PTW-2835A-168-24 -WN	Operating Length(m)(single feed)					
Parameters	1	2	3	3.5	4	5
Operating Voltage (DC V)	24.0	24.0	24.0	24.0	24.0	24.0
Total Current(A)	1.20	2.32	3.30	3.71	4.07	4.72
Total Power(W)	28.80	55.68	79.20	89.04	97.68	113.28
Head voltage(V)	23.89	23.82	23.74	23.71	23.68	23.53
Tail voltage(V)	23.85	23.54	23.17	22.92	22.70	22.11
Head Current(mA)	94.50	93.06	92.50	91.8	91.50	91.3
Tail Current(mA)	93.22	88.17	82.61	77.52	72.78	58.8
Head-to-tail Voltage Drop Rate(%)	0.17	1.17	2.40	3.33	4.14	6.03
Head-to-tail Current Drop Rate(%)	1.35	5.25	10.69	15.55	20.46	35.6
Double feed needed or not	NO	NO	NO	NO	NO	NO

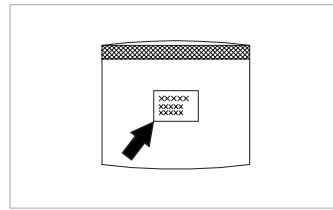
PACKING



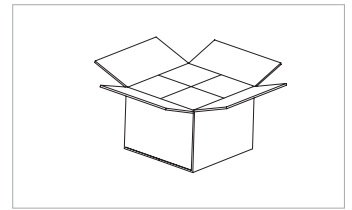
Label the reel;



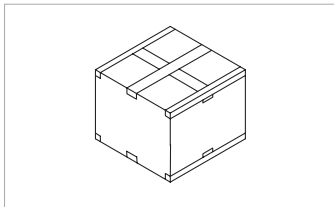
Put reel, accessory bag and desiccant together into static shielding bag;



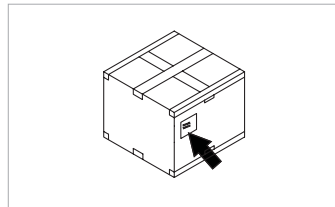
Seal and label the static shielding bag;



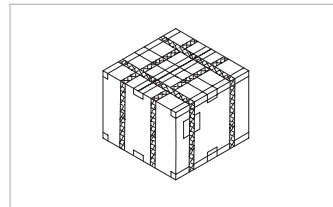
Put the packed static shielding bag into carton box;



Seal the carton box;



Label the box;



Use packing belt to pack. Add edge protectors if necessary.

Packaging Information

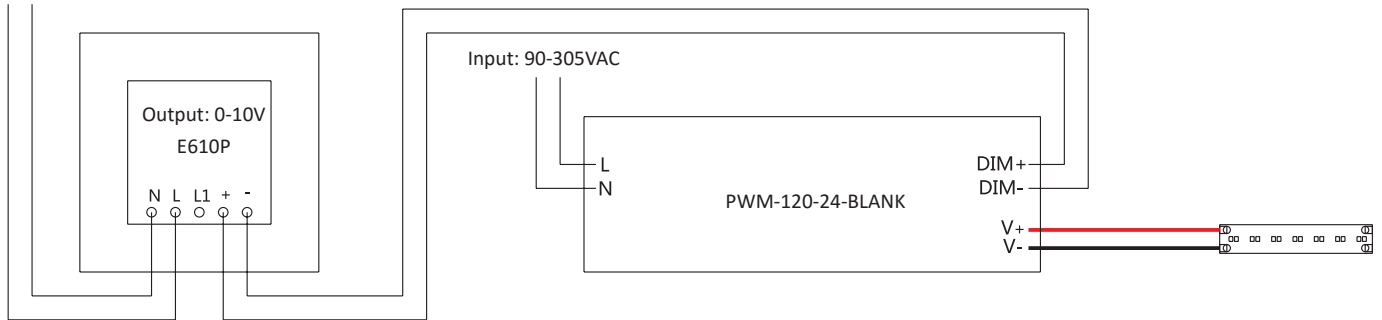
Model No.	Product Size L*W(mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight(kg)	Gross Weight(kg)
PTW-2835A-168-24 -WN	5000*12	550*400*340	5	100	7.75(1±10%)	12.25(1±10%)

NOTE:

1. Non water-proof, every 5m for a reel, one reel for a static shielding bag.
2. The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.

Dimmer Wire Connection

Input: 100-240VAC



Note: The drawing above choice E610P dimmer and PWM-120-24-BLANK power supply as the sample