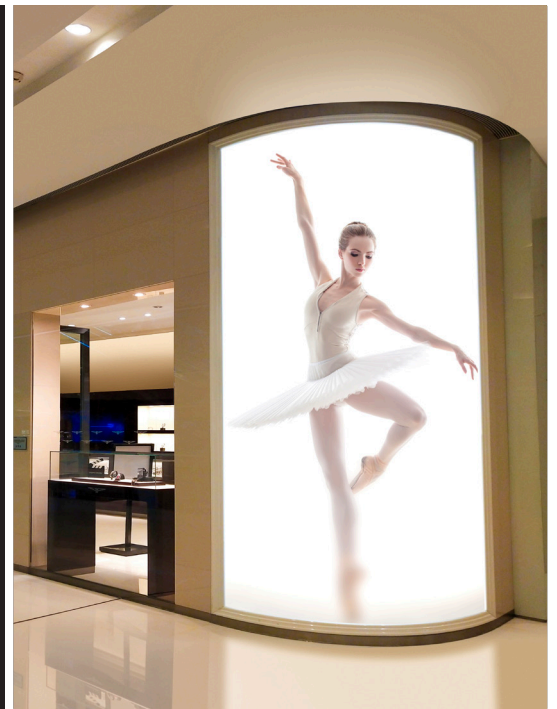
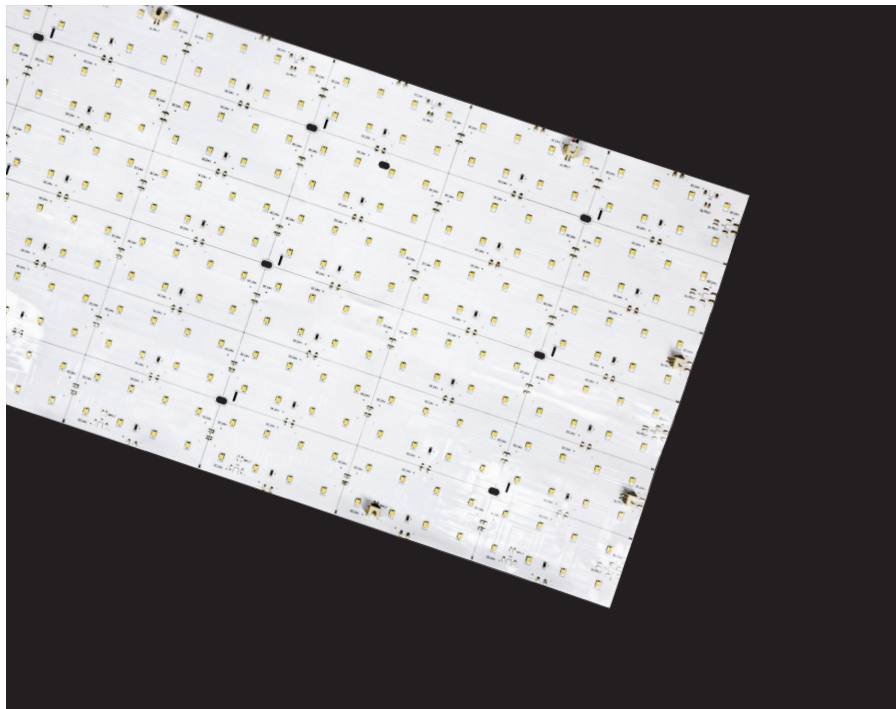


DIMMABLE FLEXIBLE PANEL

H150-W-FN-H2835-XXX-24-W1





CCT Available



Features

- Efficacy: Efficacy: CRI90+ up to 140lm/w, CRI95+ up to 120lm/w.
- CRI/TM-30-15: CRI >95 / [Rf>93-Rg>99, R9>94] CRI >90 / [Rf>90-Rg>99, R9>65]
- Color Consistency : 3SDCM [typical]
- Waterproof: IP64 [Spray Glue Coated] / Nonwaterproof IP22
- Lumen Maintenance: 55°C: L70/B10>54000hrs, lumen maintenance 88.51%, L90/B10>47000hrs, lumen maintenance 89.95%
L70/B10>54000hrs, lumen maintenance 86.01%, L90/B10>38000hrs, lumen maintenance 89.95% .
- Warranty: 3year.
- Mounting: double-side thermal conductive adhesive tape or 9080H 3M self adhesive tape
- Dimmable: PWM, 0-10V, DALI, DMX available

TM-30

CRI:90+







CCT	Rg	Rf
2000-2200	102	90
2400-2600	103	91
2600-2800	97	91
2800-3200	99	91
3300-3700	102	92
3800-4300	99	91
4700-5300	99	91
5800-6800	100	94







CRI:95+

CCT	Rg	Rf
2000-2200	100	95
2400-2600	101	95
2600-2800	99	93
2800-3200	102	95
3300-3700	101	94
3800-4300	101	93
4700-5300	101	94
5800-6800	99	94









Optical & Electrical Parameters









CRI:80+

H150-W-FN-H2835-200-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2600-2800K	2700	150	18.00
	 2800-3200K	2790	155	
	 3300-3700K	2826	157	
	 3800-4300K	2880	160	
	 4800-5400K	2844	158	
	 6500-7200K	2844	158	









H150-W-FN-H2835-288-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2600-2800K	3888	150	25.92
	 2800-3200K	4108	155	
	 3300-3700K	4069	157	
	 3800-4300K	4147	160	
	 4800-5400K	4095	158	
	 6500-7200K	4095	158	









CRI:90+

H150-W-FN-H2835T-200-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2050-2300K	2160	120	18.00
	 2400-2600K	2286	127	
	 2600-2800K	2376	132	
	 2800-3200K	2430	135	
	 3300-3700K	2466	137	
	 3800-4300K	2628	146	
	 4700-5300K	2574	143	
	 5700-6600K	2574	143	

H150-W-FN-H2835T-288-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2050-2300K	3110	120	25.92
	 2400-2600K	3292	127	
	 2600-2800K	3421	132	
	 2800-3200K	3499	135	
	 3300-3700K	3551	137	
	 3800-4300K	3784	146	
	 4700-5300K	3707	143	
	 5700-6600K	3707	143	

CRI:95+

H150-W-FN-H2835T-200-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2050-2300K	1656	92	18.00
	 2400-2600K	1764	98	
	 2600-2800K	1980	110	
	 2800-3200K	2016	112	
	 3300-3700K	2124	118	
	 3800-4300K	2124	118	
	 4700-5300K	2250	125	
	 5700-6600K	2286	127	

H150-W-FN-H2835T-288-24-W1				
Voltage	CCT/Wavelength	LM/pcs	LM/W	W/pcs
24V DC	 2050-2300K	2385	92	25.92
	 2400-2600K	2540	98	
	 2600-2800K	2903	110	
	 2800-3200K	2903	112	
	 3300-3700K	3059	118	
	 3800-4300K	3059	118	
	 4700-5300K	3240	125	
	 5700-6600K	3292	127	

Other Parameters

Model No.	LED QTY (pcs)	W/pcs	Min Cuttable Length (mm)	Max Run (pcs)	Working Temperature	Storage Temperature
H150-W-FN-H2835-200-24-W1	200	18.00	96*48	4	-20~+60°C	-20~+70°C
H150-W-FN-H2835-288-24-W1	288	25.92	101.6*50.8	3		
H150-W-FN-H2835T-200-24-W1	200	18.00	96*48	4		
H150-W-FN-H2835T-288-24-W1	288	25.92	101.6*50.8	3		

NOTE:

- The above data were measures under standard conditions and actual data may be different. We would update data without further notice.
- The luminous flux is tested while the corresponding-color products were lightened.
- UL max run refers to operating length at UL class II @100W,24V.
- Luminous flux values were measured accordance to IES LM-80-08. LED chips with range tolerance of +/- 10%.
- Each maximum-run requires a dedicated power feed from the driver. Do not extend exceed the recommended maximum run length. Max run may exceed Class 2 limits.
- Actual wattage may be different from the calculated wattage due to voltage drop while using.
- Actual efficacy value is determined by the specific LED driver (power supply). An estimated efficacy value can be calculated as follows: Luminous intensity divided by average power consumption.
- Do not install products in the conditions that exceed the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, luminous intensity output, and/or adversely impact color consistency.
- Operating temperature was measured under the minimum and maximum ambient temperature environment.
- Cutting segment are marked on the profile below.

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.

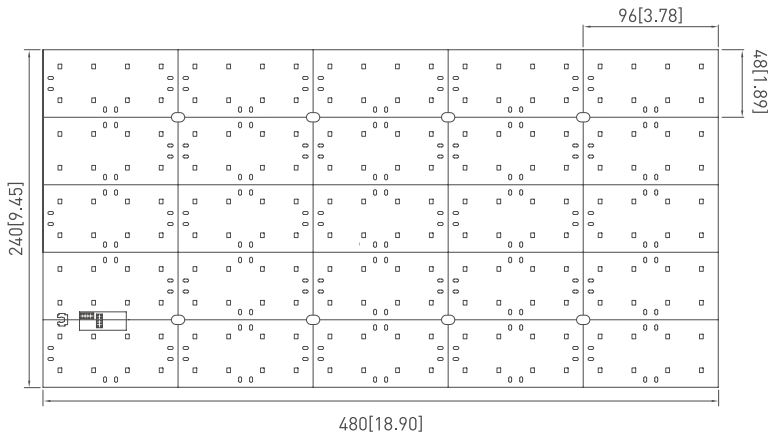
Compliance & Regulatory Approvals

	CE LVD	Standard: EN 60598-2-21: 2015; EN 60598-1: 2015; EN 62471: 2008; EN 62493:2015; EN 62031: 2015+A1: 2013+A2: 2015
	CE EMC	Standard: EN IEC 55015: 2019; EN IEC 61000-3-2: 2019; EN 61000-3-3:2013+A1: 2019;EN 61547: 2009
	CB	Standard: IEC 62031:2018
	UL	Standard: IFDR.E354137; IFDR2.E354137; IFDR7.E354137; IFDR8.E354137-Low-voltage Lighting Systems, Power Units, Luminaires and Fittings
	ROHS	Standard: IEC62321

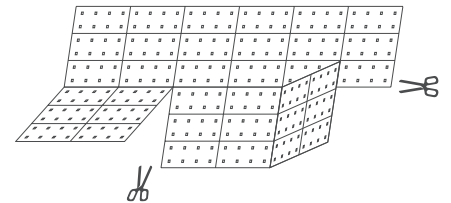
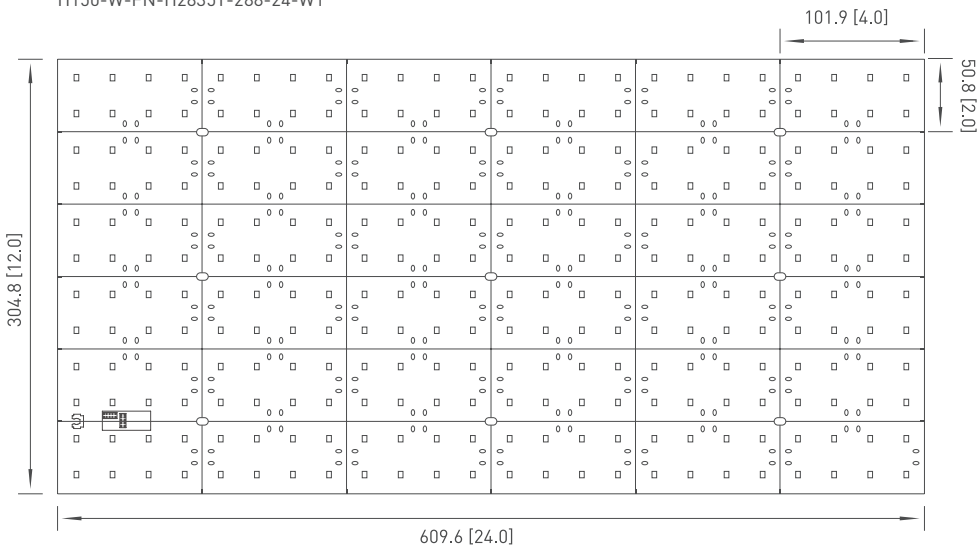
Profile Drawings

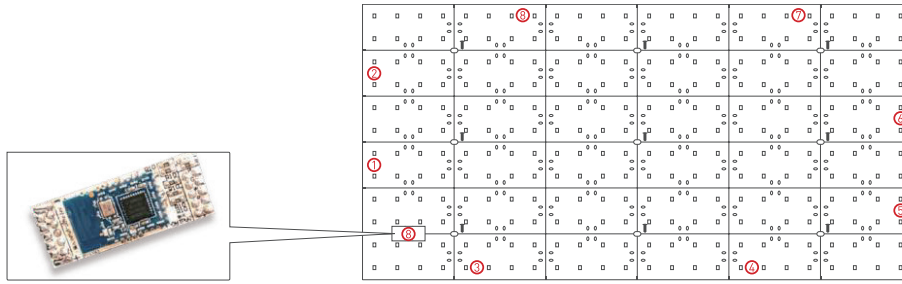
Unit: mm [inch]

H150-W-FN-H2835T-200-24-W1



H150-W-FN-H2835T-288-24-W1

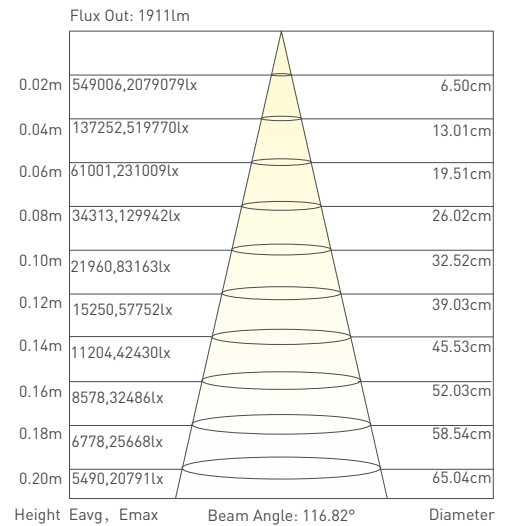
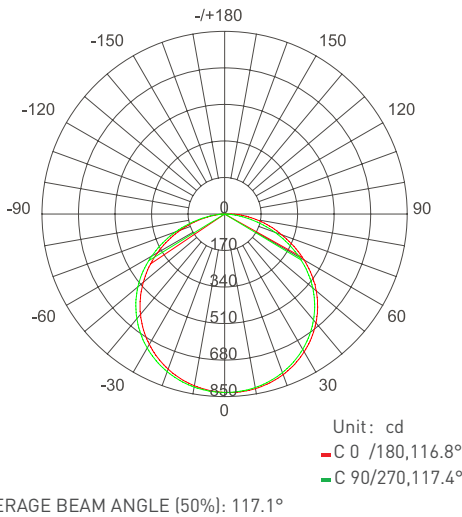




Port location	Port name	Port type	Effect	Note
①②③④	Power input	2pin	mains input for Internal control	INPUT
⑤⑥⑦⑧	Signal output	2pin	output connection between light panel	OUTPUT
⑨	Built-in Controller	--	Blueview's self-developed control module, directly connect with APP.	External controller don't need this

Luminous Intensity Distribution Diagram

Average Illumination



Note: the above two figures are tested with the sample H150-W-FN-H2835T-288-24, for other data, please consult sales rep.

Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	PCS/Bag	Bag/Carton	Net Weight (kg)	Gross Weight (kg)
H150-W-FN-H2835-200-24-W1	480*240*8	555*295*275	2	50	8.64 (1±10%)	10.35 (1±10%)
H150-W-FN-H2835-288-24-W1	610*304.8*8	610*355*380	2	40	12.9 (1±10%)	14.8 (1±10%)
H150-W-FN-H2835T-200-24-W1	480*240*8	555*295*275	2	50	8.64 (1±10%)	10.35 (1±10%)
H150-W-FN-H2835T-288-24-W1	610*304.8*8	610*355*380	2	40	12.9 (1±10%)	14.8 (1±10%)

NOTE:

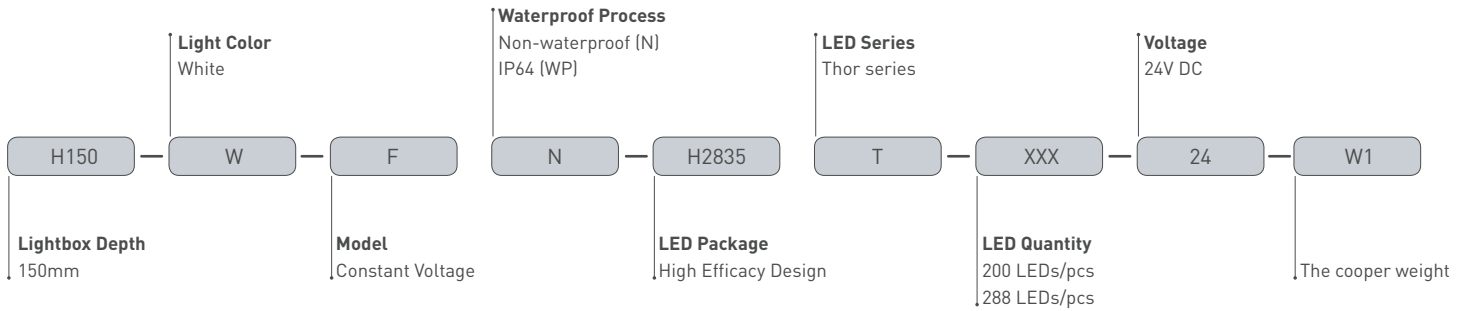
- The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.
- The gross weights of all above model are less than volume weight, the volume weight is 16.45kg.

Recommended power supply upon working length

H150-W-FN-H2835-200-24-W1		Operating Length (m)				
Parameters	1	2	3	4	5	
Total Power (W)	17.88	34.49	48.96	60.48	69.84	

H150-W-FN-H2835-288-24-W1		Operating Length (m)			
Parameters	1	2	3	4	
Total Power (W)	26.98	51.86	69.16	83.28	

Ordering Code



Packaging

Products and Tools



XH-2Y Power cable



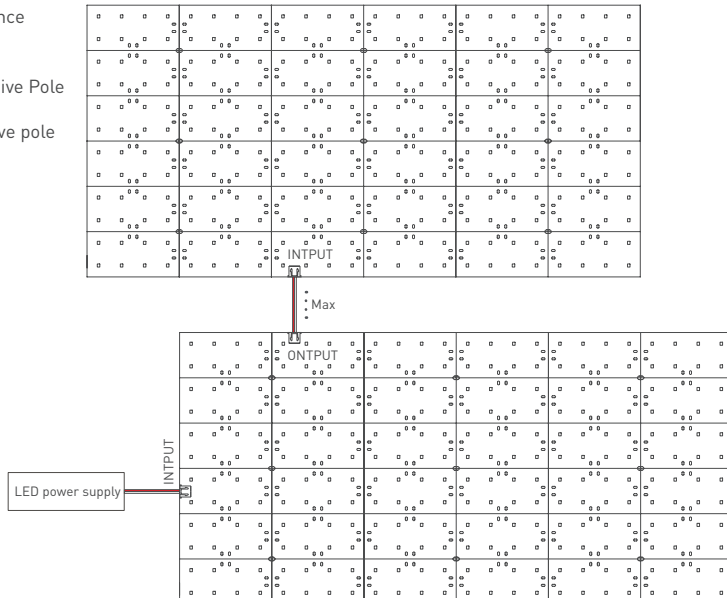
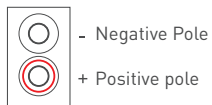
XH-2Y Joint line



Screw

Product Connection Diagram

Port Wire Sequence



Note:

When connecting to the control board, the insertion direction cannot be reversed.

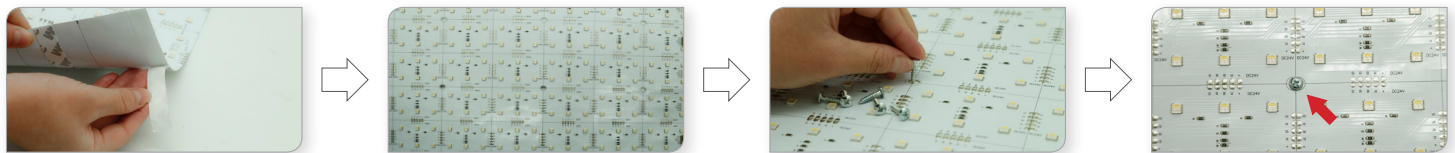
When the electrical terminal line is connected, connect to the side with INPUT. terminal line will connect the input and output of two panels, and note that the light panel is placed in the same direction. If the direction is reversed, the positive and negative poles will be reversed and the light panel will not light up;

If gluing is needed, reference as below:





1. The terminal wire didn't do waterproof treatment when shipping
2. Prepare products, glue, syringes and other materials.
3. Apply the glue on the terminal, the glue amount should be full and uniform, and all the terminals should be covered, and there should be no bubbles and gaps; note that the glue should not cover the lamp beads, resistors and other devices.
4. When the glue is completely solidified, power on and light it up


Installation Steps



 Sign surface

 Flexible panel

 Light box border

 Light box bottom

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