


LED MODULES

SA B-Flexible Panel Series

Flexible LED panels are super slimline, flexible, and single-cutable, providing bright, even illumination for backlighting materials like marble, natural stone, displays, light boxes, and billboards, making them ideal for slimline applications with depths of 30mm or more to prevent hotspots.

Features

- **INDOOR use only.**
- 480 x 240 x 8mm slimline flexible panel sheet.
- 24 x 24mm Single cuttable available.
- High efficiency up to 140lm/W.
- Support PWM, DMX, 0-10V dimming and  compatible.
- Cut sheet to custom shapes.
- Backed with 3M double sided tape for easy installation.
- 3 years warranty.

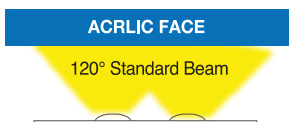
Specification

Voltage	Item Code	CCT(K)	Luminous Flux(lm)	Efficiency(lm/W)
DC12V	SA 7022	3000K	2240lm	146lm/W
	SA 7021	6500K	2330lm	152lm/W
DC24V	SA 7029-C	2700K	2180lm	142lm/W
	SA 7029	3000K	2240lm	145lm/W
	SA 7029-A	4000K	2330lm	150lm/W
	SA 7029-B	5000K	2330lm	152lm/W
	SA 7028	6500K	2330lm	152lm/W

Technical Characteristics

Power(W)	15.36W
Current Dissipation(A)	1.28A (12V) / 0.64A (24V)
IP Rating	IP20
CRI(Ra)	90+
Viewing Angle	120°
LED Type	2835 LED
Number of LED	200 LEDs
Cutable Length	Single Cut 24 x 24mm

Angle Beam



Warranty

Warranty	3 years
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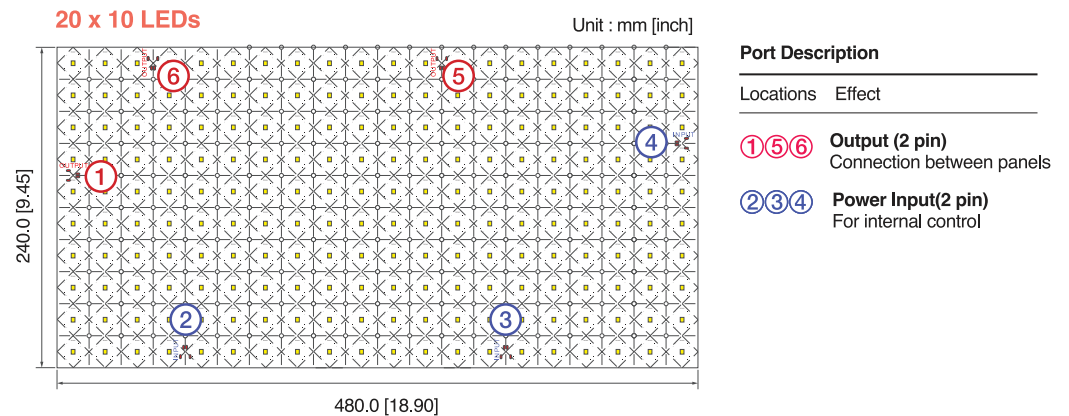
Temperature Ranges

Operating temperature	-20~60°
Storage temperature	-20~70°

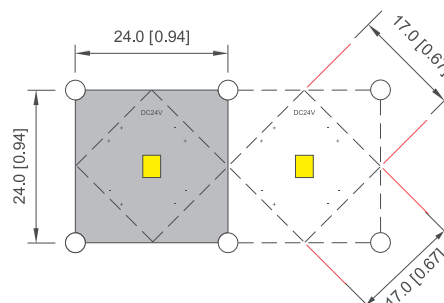
Physical Characteristics

Dimensions(W*H*M) / Sheet	480 x 240 x 8mm
Weight / Sheet	207g

Profile Drawings

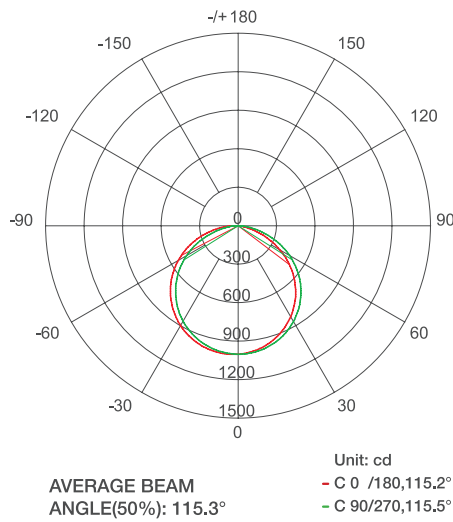


Min. Cutting Unit



Luminous intensity distribution diagram

Beam Angle Diagram



Average illumination

Flux Out: 2217lm CCT=2700K

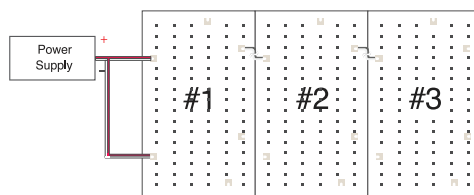
Height	Eavg, Emax	Beam Angle: 115.16°	Diameter
0.02m	688795,2510502lx		6.30cm
0.04m	172199,627626lx		12.60cm
0.06m	76533,278945lx		18.89cm
0.08m	43050,156906lx		25.19cm
0.10m	27552,100420lx		31.49cm
0.12m	19133,69736lx		37.79cm
0.14m	14057,51235lx		44.09cm
0.16m	10762,39227lx		50.38cm
0.18m	8504,30994lx		56.68cm
0.20m	6888,25105lx		62.98cm

12V_Max in series

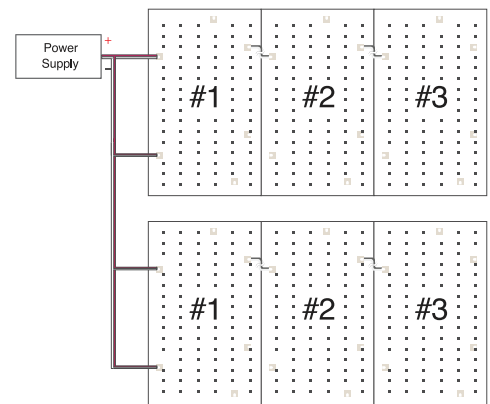
3 Panels

*Up to 3-panel sheets in a single series.

Single series



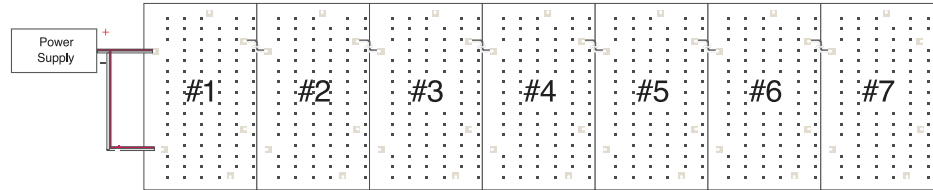
Multiple series



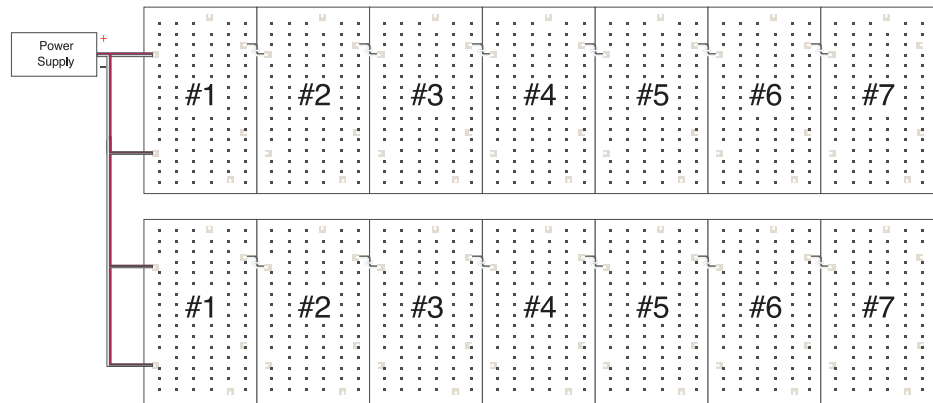
24V_Max in series **7 Pannels**

*Up to 7-panel sheets in a single series.

Single series

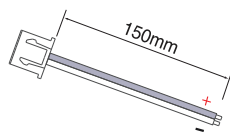


Multiple series

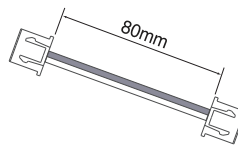


Accessories

Panel Connectors



One End 150mm
20AWG Wire
SA 9731



Both End 80mm
20AWG Wire
SA 97312