



LED TYPE	
PROJECT	
NOTES	

Features

- 400 x chips per sheet(122xSMD LEDs per foot)
- Tunable color temperature 2700-6500K
- Built-in terminal ports easy to connect to power
- Flexible, ideal for back lighting of acrylic, marble and glass
- Free-cut perfect to meet irregular shape application
- Durable, flexible and low profile
- Double sided 3M tape or screw mounting
- 50,000 hours rated life, and 5-year limited warranty

Electrical Data

Voltage	24.0V DC
Wattage per sheet	40W (12W/ft)
Current per sheet	1.67A(0.5A/ft)/24V

LED Data

LED type	2835
Manufacturer	Lumileds
Chips per sheet	400 (122 Led/ft)

Photometric Data

Color			
CRI	90+		
Luminous flux	2700K	4000K	6500K
	1,815 (553 Lm/ft) Lm/sheet	3,830 (1,167 Lm/ft) Lm/sheet	1,915 (583 Lm/ft) Lm/sheet
Luminous efficacy	95 Lm/W@4000K		
Beam angle	120°		
Dimmable	1~100%		

Construction / Protection

Substrate	Double layer FPCB
Thickness of FPCB	2 oz
Mounting	Double sided tape 3M/screw
IP rating	See figure 4.
Operating temperature	-20 ~ +50 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	24mm x 24mm (0.94*0.94in) See figure 1.
Length	480mm (18.9 in)
Width	240mm (9.45 in)
Height	1.6 mm (0.06 in)

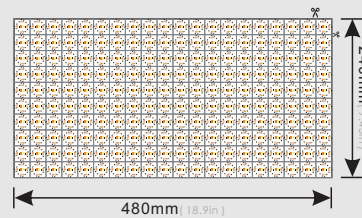
Lifetime

Lifespan (L70)	>50,000 hours
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Figure 1.

Dimensions & Cutting increments
One sheet



Cutting increments

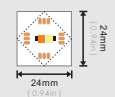


Figure 2.

Suitable Accessories

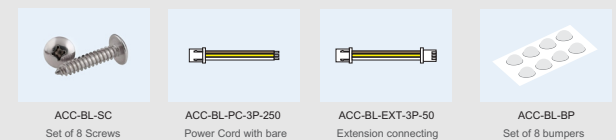
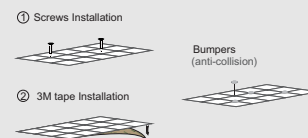


Figure 3.

Example of Installation



Wiring connection

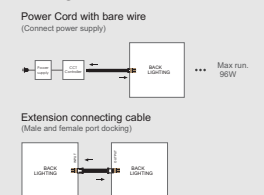


Figure 4.

IP Protection Ratings

