

LED LIGHT SHEET RGBCB

Description:

Made with 3 oz of full copper and FPCB for good heat dissipation and longer life. Perfect for back-lighting advertisements or translucent panels. It can be bent and cut into many shapes; each 2"x2" square can be segmented.



Features:

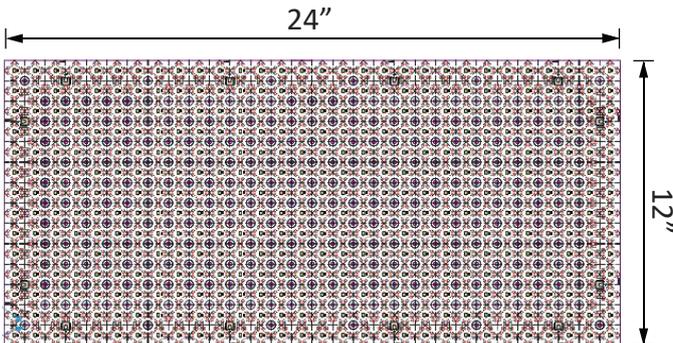
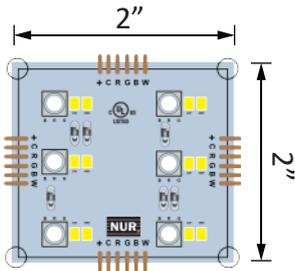
- 24V DC input
- LED Chips used: 3 White LEDs 3000K,4000K,5000K
- 3 in 1 SMD RGB
- High CRI +90
- 3M adhesive backing
- IP20 environmental rating



Application:

- Backlighting Translucent Materials and Signage
- Worship Centers
- Hotel Lobbies
- Task lighting
- Night Clubs
- Accent lighting
- Cabinet lighting.

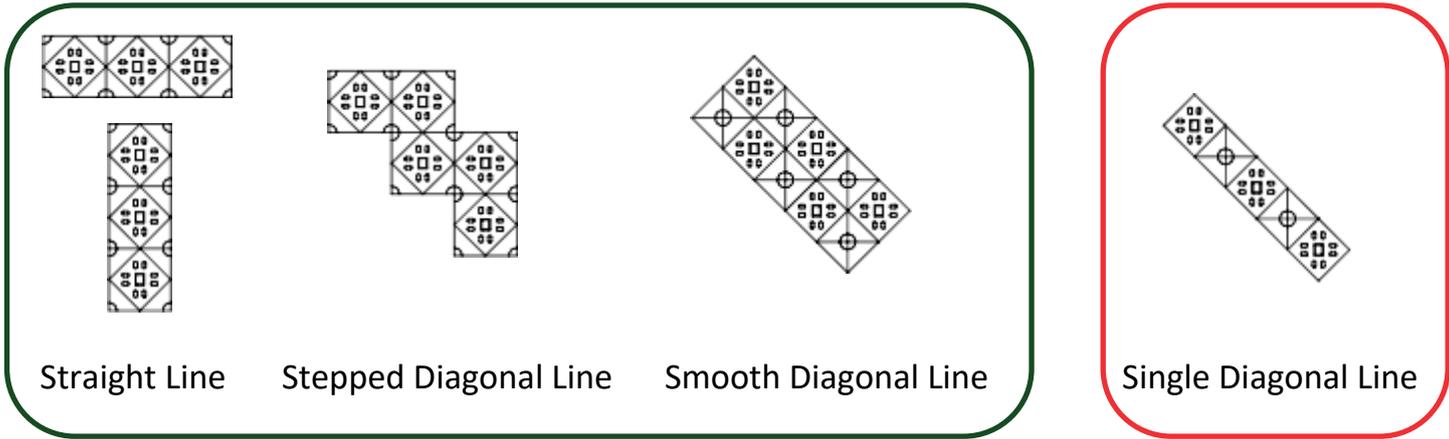
Dimensions:



- Cut every 2" square

Cutting Segments:

Strip sheets can be cut into many custom shapes. When cutting strips, it is important to use only the pre-marked cut lines on the sheet and also to maintain electrical contact. The images below represent the smallest possible linear routing types. The green box represents strip routing types that work by preserving the electrical connection, and the one in red represents a routing type that will not function correctly due to interruptions of the electrical connection.



Straight Line

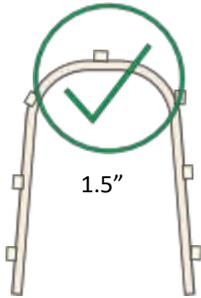
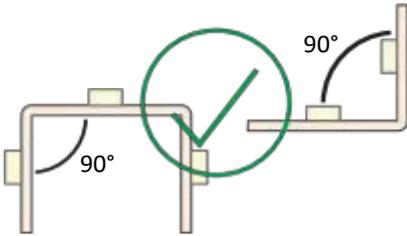
Stepped Diagonal Line

Smooth Diagonal Line

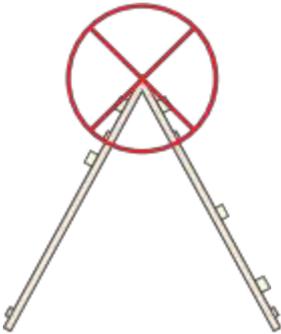
Single Diagonal Line

Strip Flexibility:

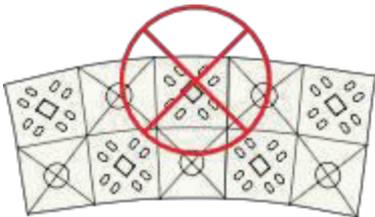
Hard bends can be made up to 90° in either direction



Soft bends less than 1.5 in. may damage circuit traces and void warranty.



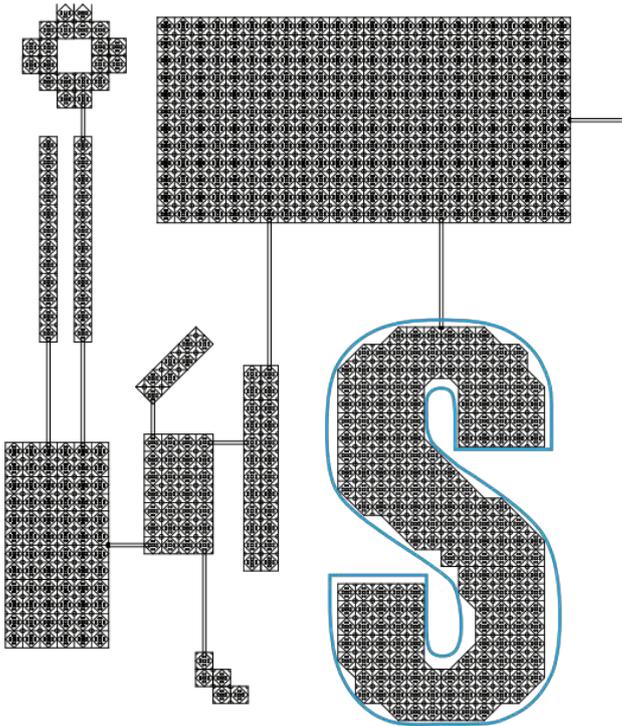
Bending strips sheets or sections at sharp angles will damage circuit traces and void warranty



Bending strip sheets or sections on horizontal plane will damage circuit traces and void warranty.

Strip Sheet Specifications:

Below are examples of the types of shapes and patterns that can be made and linked as needed to fit nearly any application. The only limiting factor is maxed run, which can be easily extended by connecting additional power supplies 3. Additional power supplies can connect to any individual square LED segment anywhere in the run for maximum flexibility.



Technical Specifications:

Wattage	30 watt per color
Size	12" x 24"
Input Voltage	24V DC
Color Temperature	RGBCB Selectable
LED Chips	3 - 3040 SMD, 1 - 5050 SMD
Lumen (lm/sheet)	Red (168), Green (652), Blue (272), White (743), RGBW (1815)
Efficacy (lm/w)	Red (20), Green (79), Blue (33), White (90), RGBW (55)
LED Quantity	1296LEDs/Sheet
LED Segment	8LED/ Seg
Working Temperature	-4F°~113F°
CRI	>90
IP Rating	IP20
LED Lifetime	>50,000 hrs
Warranty	5 Years