Description:
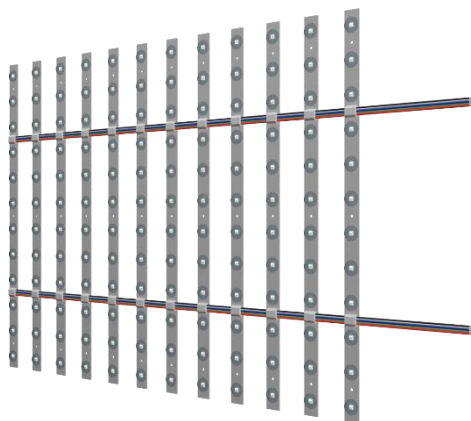
BKT41S-41-500 RGBW LED curtain (LED lattice backlight, LED bamboo slips). Lattice LED Matrix Lighting System is the most versatile and practical illumination solution for indoor and outdoor sign cabinets and large area illumination. Innovative design of Lattice system comes in lightweight easy-to-install rolls, which allows for easy population of perfectly spaced LEDs in minutes for uniform backlit lighting.

1. RGBW 4 channel dimming and color adjustment excellent lighting effects
2. 160°Wide Angle TV Lens Large backlight source for Lightbox
3. Perfect square Matrix (LED rigid light strip, But it can be bent in 0.5m diameter!)
4. Minimal depth required at 4cm distance no hot spots on the graphic! (strip to strip 6cm)
5. Available in 0.5m, widths and max 3m/length rolls.
6. Warranty: 2 years
7. life of 50000 hours
8. CE RoHS FCC

Model	Dimension Strip	Luminous Flux	Efficacy Typ	Power Test	Rated Power IN DC24V	Comment
BKT41S-41	496x20x8mm	Red 26Lm	26Lm/W	1W	Total 4W/strip	Tcp 46°C
		Green65Lm	65Lm/W	1W		
		Blue 16Lm	16Lm/W	1W		One strip Test
		White6000K 90Lm	90Lm/W	1W		

The above data is one strip test, can connect into a roll, and the distance between the light bar and the light bar is 60 mm and 90 mm.
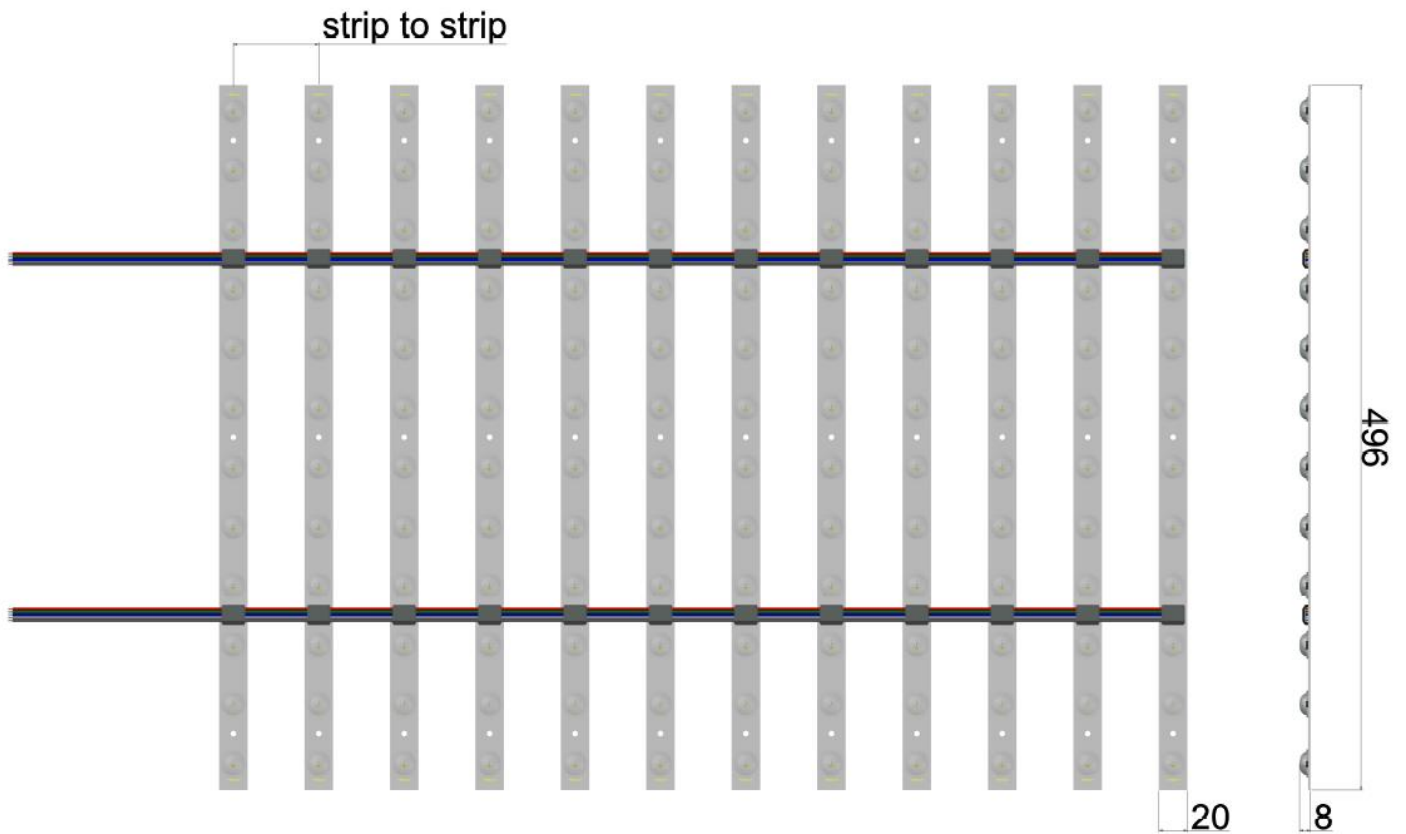
The above table data testing at room temperature is 25 °C, Cooling by free air convection, Surface temperature rise Tc 28 K

Operation Temperature: -30 °C ~ 70°C At the Tc point, Lifetime: 40,000 hrs (Note: Tcp < 60 °C)
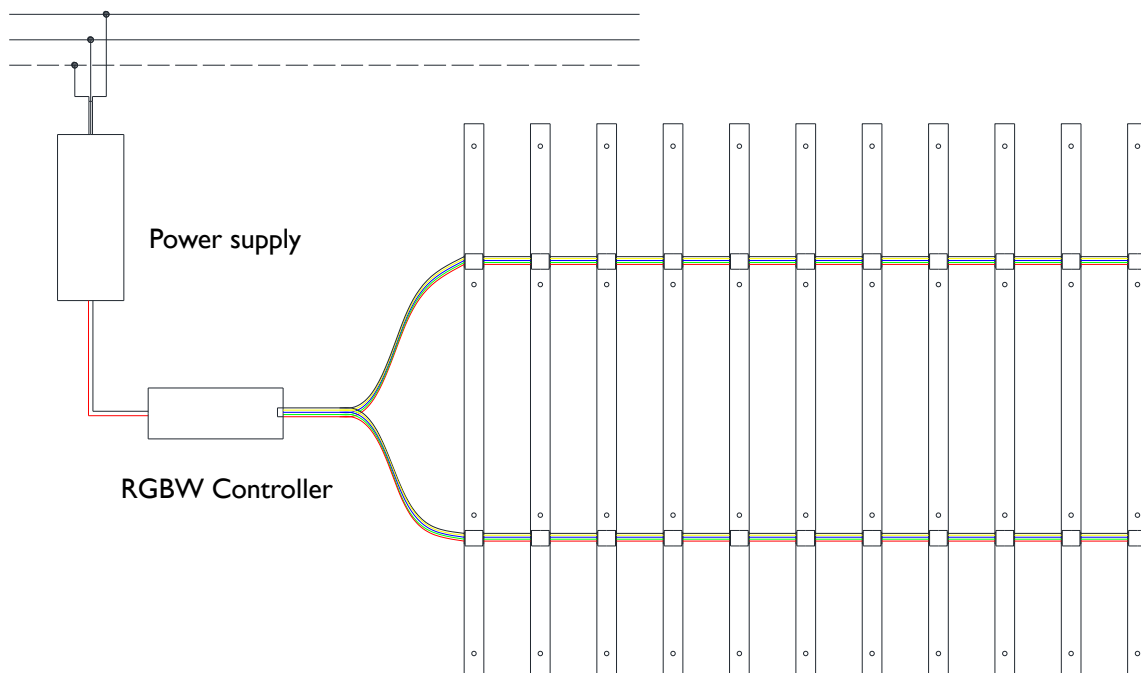
Tolerance range for optical and electrical data: ±10 %.

Constant voltage RGBW controller must be used. Please note the output current of the RGBW controller, More than the LED module current!

Dimension:

strip to strip

496

20   8

Unit: mm

Wiring diagram

Power supply

RGBW Controller

constant voltage power supply is 120% LED module power