

Description:

RX-BKT28-500240-CCT LED Sheet, Patent: ZL201420249938.2, Flexible LED modules; you can cut and splice, making any shape LED module, High efficiency 120Lm / W @ constant voltage drive, Ideal for Light source, Backlighting for advertising, Blister words backlit, LED signs Do your own. energy-saving lighting project.



1. 4 LED cut, It can be cut into any shape!
2. Two-channel common anode, CCT color temperature adjustable
3. Slim light box LED sheet module, depth 40mm
4. High efficiency 130Lm / W DC24V Input
5. High CRI > 80
6. Patent: ZL201420249938.2
7. CV input DC24V, Easy to expand installation
8. Warranty 3 years
9. CE RoHS FCC PSE

Model	Dimension Net weight	Power Test & Luminous Flux	Efficacy Typ	Continuous connection QTY	Rated Power	Comment
RX-BKT28-500240 -CCT	500x240x1mm 130g	CH1: WW 3000K 25W DC24V 3250Lm	130Lm/W	4pcs (200W) 3A load per connection terminal	50W IN DC24V	1W LED derating high efficiency is more reliable T _{cp} 46°C
		CH2: CW 6000K 25W DC24V 3250Lm	130Lm/W			

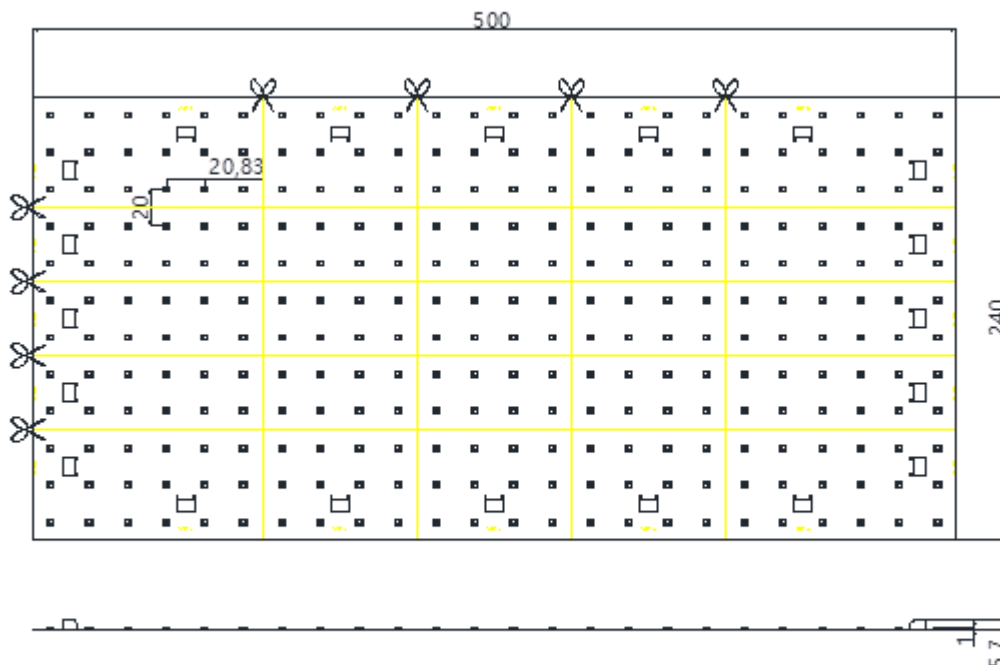
The above table data testing at room temperature is 25 °C, Cooling by free air convection. Lifetime: 40,000 hrs (Note:T_{cp} < 60 °C)

Operation Temperature: -30 °C ~ 70°C At the T_c point

Tolerance range for optical and electrical data: ±10 %

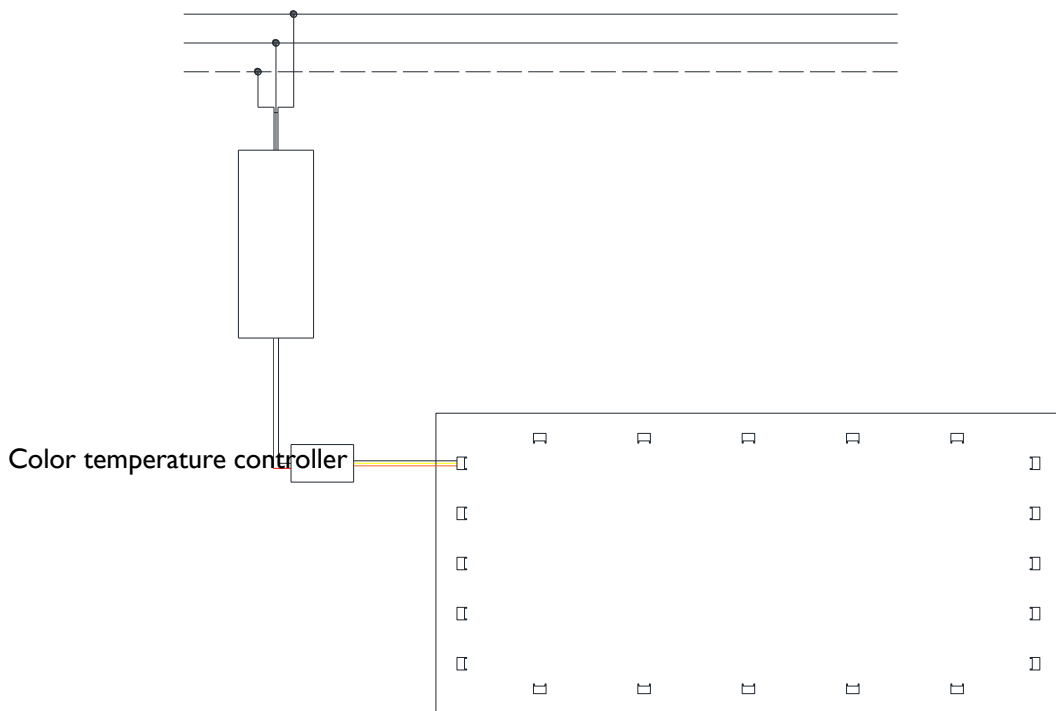
Customize the power you need, power range 10-100W. Customizing power requires extra cost!

Dimension:



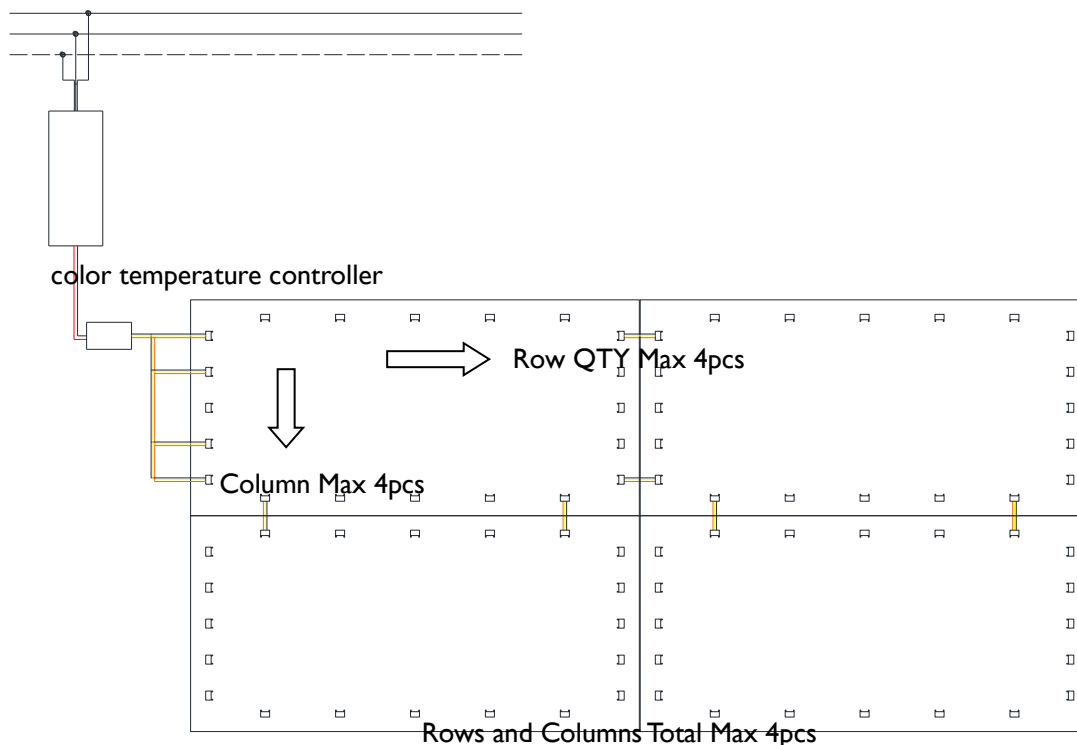
UNIT:mm

Wiring diagram 1



Single connection, constant voltage power supply is 120% LED module power

Wiring diagram 2



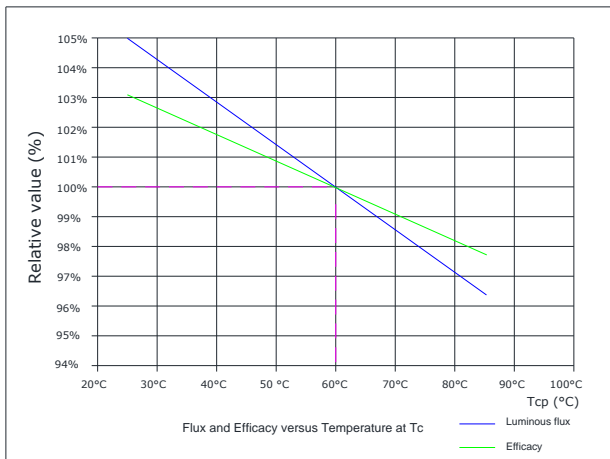
The maximum power of series and parallel connection is: 240W

Load current per connection socket: max. 3A

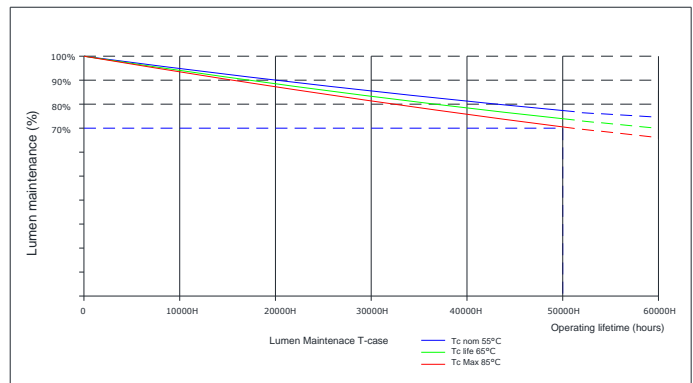
If you need a larger size stitching, increase the LED power supply QTY

Note: reduce the power, you can cascade more LED modules in parallel, the total power cannot exceed 240W

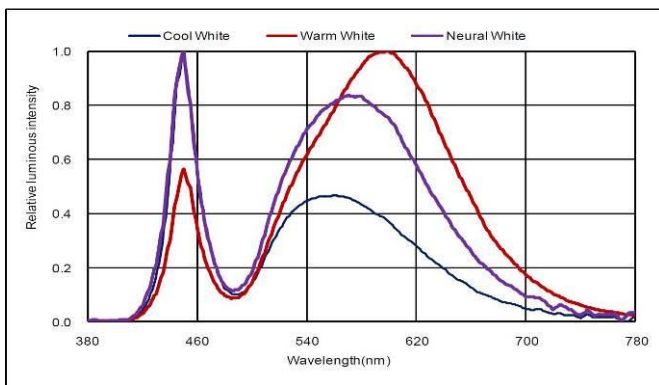
Flux and Efficacy versus Temperature at Tc



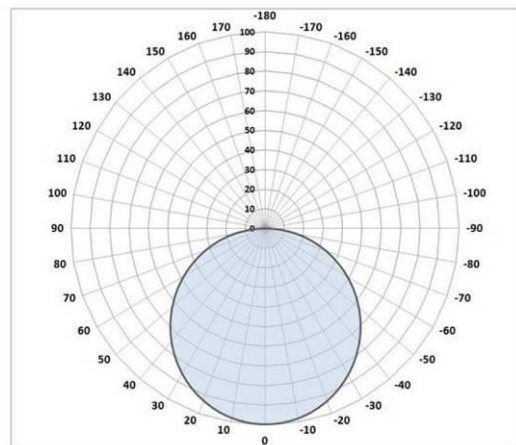
Lumen Maintenance T-case



Relative spectral emission



Light distribution



CAUTION: This product is installed by a professional engineering staff.

Safety Information

- The LED panel itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED lamp (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED panel.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED panel.
- Please ensure that the power supply of adapters power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the LED panel.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- Waterproof LED panel , please note waterproof wiring department
- LED panel can't be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.