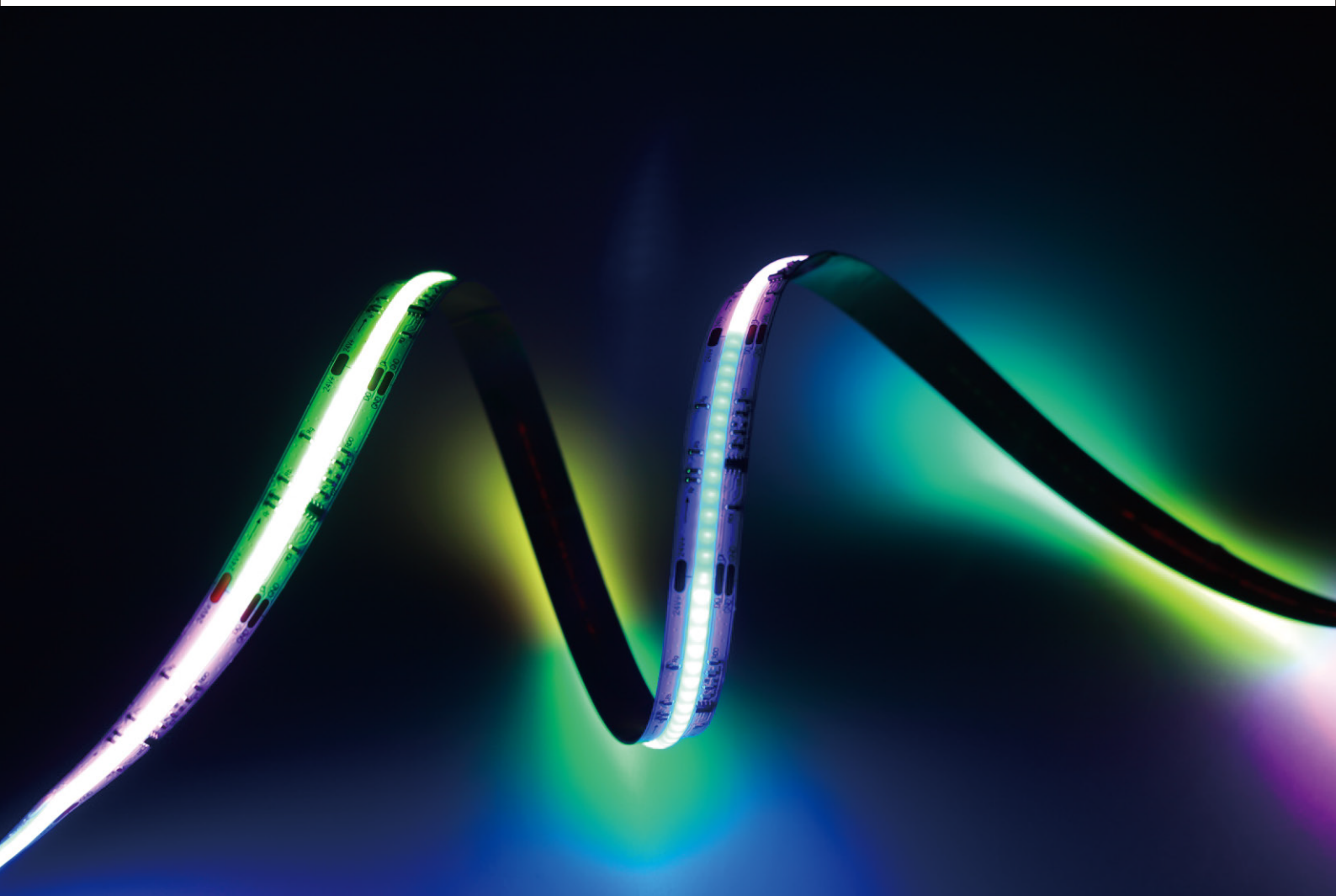




## LED STRIP SPECIFICATION

LED840-COB-RGB-24V-22W-12mm-SPI-WS2811



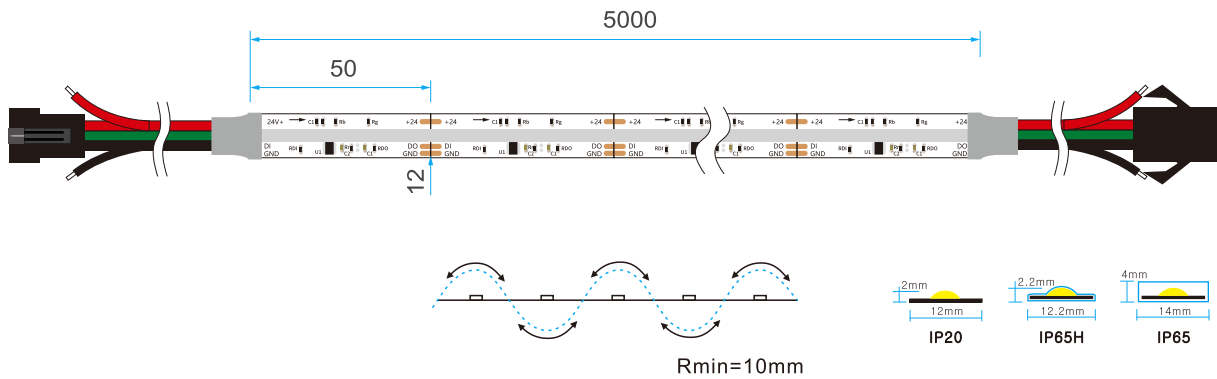


### Description

- COB SPI RGB, WS2811, 840chips/m, 20pixels/m
- Cutting length 50mm
- The antistatic grade (MIL - STD - 883 - e) : HBM level 2 (2000 ~ 4000 v).
- 180° beam angle



### Dimensions & Waterproof



### Product Specification

Color	SPI RGB
IC Type	WS2811
Chips/m	840pcs
Step LEDs	42pcs
Step Length	50mm

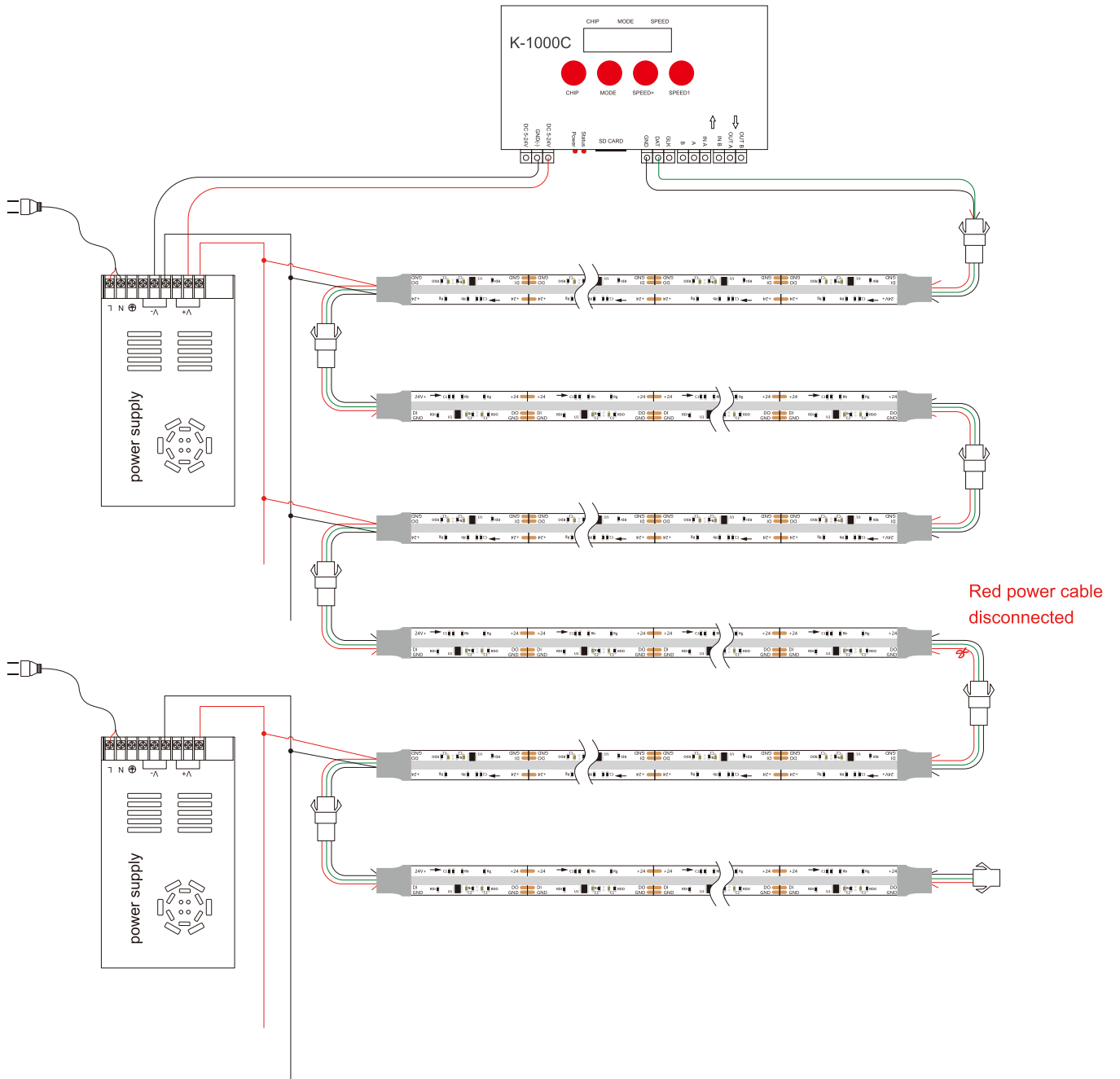
Voltage(V)	DC24V
Power(W/m)	22W
PCB Width	12mm
Beam Angle	180°
Operation Temperature	-20°C~50°C

### Product Photometrics

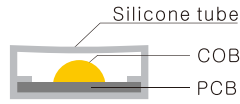
CCT (K)	Wave length (NM)	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/M)	Unit cut (M/M)	Max.run length (M)	CV
R	620-630	DC24V	8.4	159.6	19	50	5	CV
G	520-530	DC24V	8.4	630	75	50	5	CV
B	450-460	DC24V	8.4	92.4	11	50	5	CV
RGB	/	DC24V	22	81.4	37	50	5	CV

The constant current LED strip is PWM-dimmable. Ensure the dimmer's voltage is in line with the LED strip's rated voltage and its output frequency is under 2KHz.

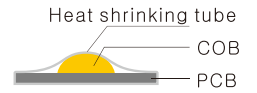
### Connection diagram-SPI Signal



## IP Grade

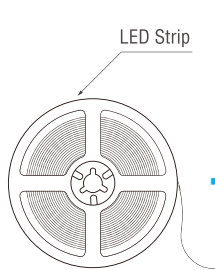


IP65

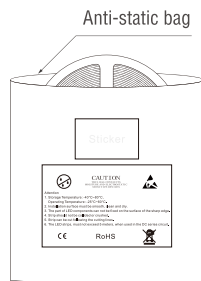


IP65H

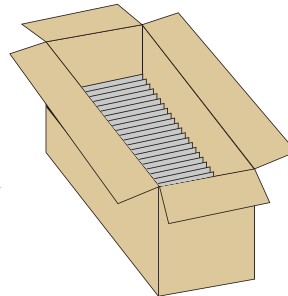
## Packing Information (Data base on IP20)



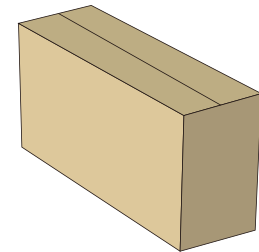
5meters/reel



1reel/bag



60bags/carton



26x28x68cm, 9.65kgs/carton

## Precautions for use

1. To protect the LED light strip, do not hit the light-emitting area with hard things.
2. After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
3. Avoid direct contact with high temperature objects in the light-emitting area of the lamp, and the instantaneous contact temperature of the surface of the light-emitting area should be less than 210 °C.
4. The soldering iron temperature should be less than 300° during soldering, and the soldering time of single solder should be controlled within 3s.
5. It is strictly forbidden to twist the lamp with short distance. The single lamp strip (0.5 m) has a maximum twist angle of 720°.



6. The bend diameter at any position needs to be greater than 1cm.

