

Dedicated light source Specification

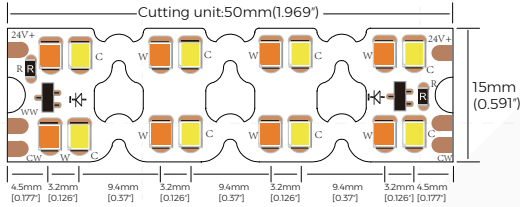
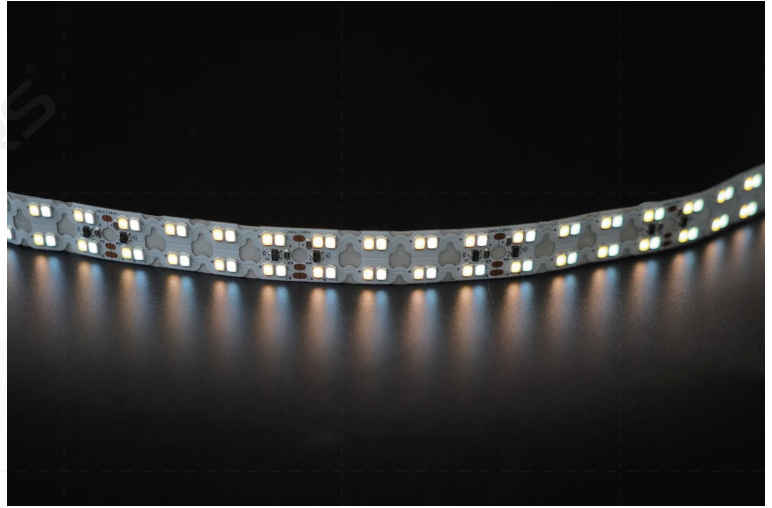
# DS8320SWW

## 24V-15mm



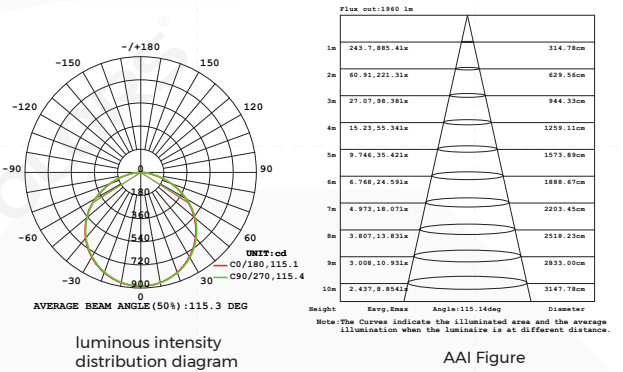
## [General description]

- Three-wire adjustable toning strip makes it widely match all kinds of controllers
- High quality FPC, high thermal 3M adhesive
- Easy to bend, suitable for curved profiles of various angles.
- Ta: -25~40°C; Tc: 75°C (max)



## [Dimension]

- Input voltage: DC 24V  
 CRI: 80/90  
 Max.power: 42.2W(1m)  
 Power range: 34.6~42.2W(1m)  
 Rated current: 1.6A(1m) 6.4A(4m)  
 Typical power: 38.4W(1m) 153.6W(4m)  
 Tape IP: IP20  
 On-off times: 10000 (test times)  
 Warranty: 5 years
- Max.length: 4000mm[13.12']  
 Cutting unit: 16leds/50mm[1.979"]  
 LED pitch: 9.4mm[0.37"]  
 Min.bend diameter: Ø60mm[2.36"]  
 Mounting: 3M tape  
 Copper foil: 3oz



## [Photo-electric Parameters]

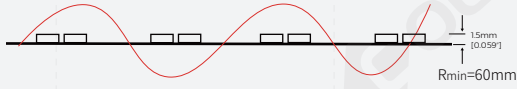
CRI	Color	CCT	Lumen (lm/m)	Lumen (lm/ft)	lm/W
>80	SW	2700K	2701	823	141
>80	W	6500K	2910	887	151
>80	SWW	2700-6500K	/	/	140-153
>90	SW	2700K	2260	689	118
>90	W	6500K	2450	747	128
>90	SWW	2700-6500K	/	/	118-130

Note:

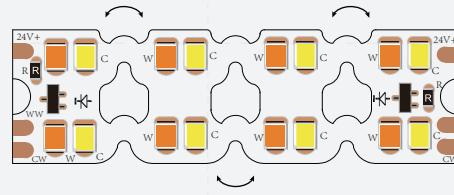
1. The tolerance of output data can be vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/lmmerter.

## [Product mechanical data]

- Bending angle:  $0^\circ < \theta < 10^\circ$
- Min. bend diameter:  $\phi 60\text{mm}$  [2.36"]



- Horizontal bending:  $D_{\text{min}} \geq 320\text{mm}$

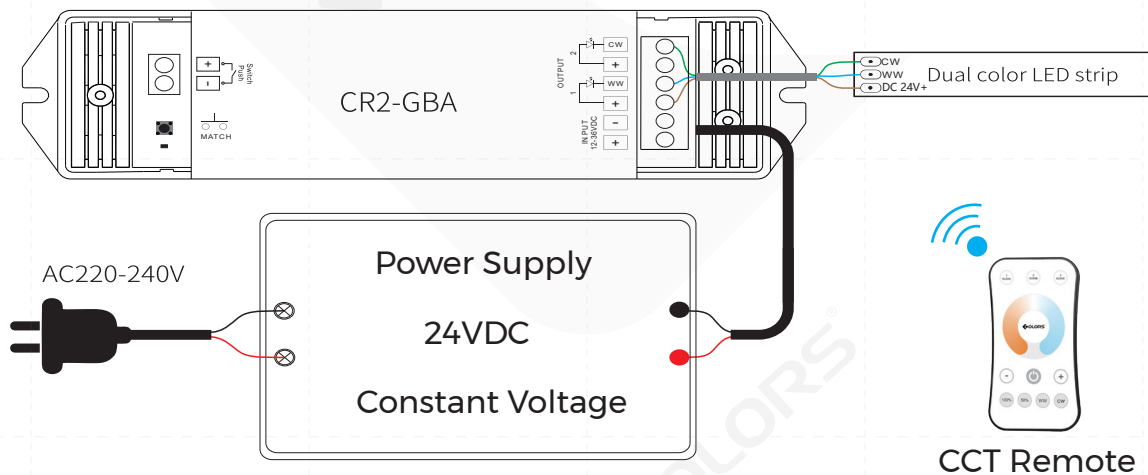


## [Accessories Information]

- Controller & Power Supply

Name	Image	Order Code	Product number	Specifications	Applicable Products
CCT control receiver		402-01-000000-00002	CR2-GBA	Input voltage: 24VDC Max load current: 8A*3CH, Max 18A Max load power: 384W@24V Operating temperature: -30°C-55°C Product Size: L175*W50*H23mm [L6.89"*W1.97"*H0.91"]	CCT light strip (Use with CK2-GBA)
CCT Remote		402-02-000000-00002	CK2-GBA	Operating Voltage: 3VDC Working frequency: 2.4GHz Remote control distance: 30m[98.4'] Operating temperature: -30°C-55°C Product Size: L107*W58.5*H9mm [L4.21"*H2.3"*H0.35"]	CCT light strip (Use with CR2-GBA)
DC24V Constant voltage Driver		22-01-00-0374	BN-V24-100P-V1	Input Voltage: AC200-240V 50/60Hz Output voltage: 24VDC Power: 0-100W Output Current: 0-4.17A PF: ≥0.95 Efficiency: 0.91 Certification: CE/CB Product Size: L365*W30*H18mm [L14.37"*W1.18"*H0.71"]	DC24V light strip DC24V control receiver

- Wiring diagram

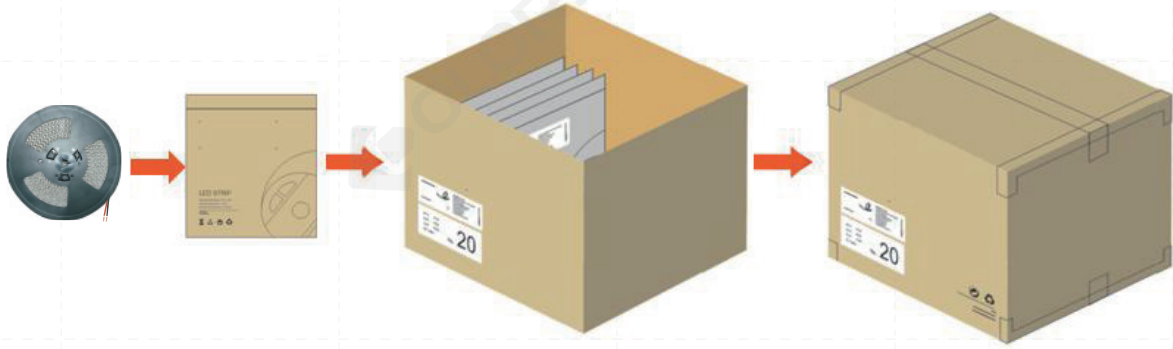


**[Application]**



DREAM BIG  
SING, LAUGH, DANCE  
ALWAYS TRY YOUR BEST  
HUG OFTEN  
WORK HARD BUT PLAY HARDER  
RESPECT OTHERS  
**SMILE**  
SAY PLEASE AND THANK YOU  
BE SWEET  
SAY I LOVE YOU  
AIM FOR THE STARS

## [Packing]



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	NW (kg)	NW /carton/ (kg)	GW (kg)	Package size (cm)
NO	4000*15*1.5	4	120	0.18	5.4	6.5	41*41*26

### Remark:

- 1、 The net weight of the product refers to measurement results of 0.5m wire-out. For every 1m wire-out increase, the weight is increased by 0.05kg
- 2、 Data with 10% tolerance

## [Precautions]

- Please drive the led strip with 24VDC isolated power.
- Do not fold it in case any damage of LED beads.
- Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -20 C~45 C. Storage temperature: 0 C~60 C. Please use the strips without waterproof within indoor environment with humidity less than 60%.
- Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).