



## SL-CCT-120-24V LED Strip

### Product Details

Code	SL-CCT-120-24V
Warranty	5 Years
RoHS Compliance	IEC 62321:2013
CE Certification	EN 55015:2013/A1:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 61547:2009

### Physical Data

PCB Colour	White
PCB Width	12mm
Thickness Including LED	2mm
Cut Points	50mm

### Electrical Data

Voltage	24V
Power Consumption	Power at 2400K:9.6W/m, power at 6000K:9.6W/m
Dimmable	Yes (PWM)

### Light Data

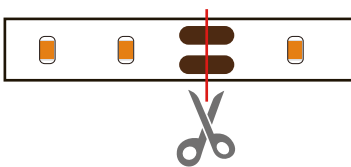
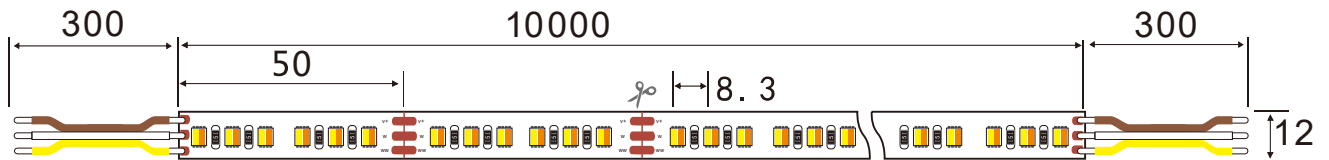
<b>Colour Temperature</b>	<b>2400K - 6000K</b>	
Lumens per Metre	2400K:822	6000K:943
LEDs per Metre	120	
Beam Angle	120°	
Colour Rendering Index(CRI)	>80	
LED Type	3527	
LED Manufacturer	Sanan	

### Environment

Operating Temperature	-30 ~ 60°C
Ingress Protection (IP) Rating	65

## SL-CCT-120-24V LED Strip

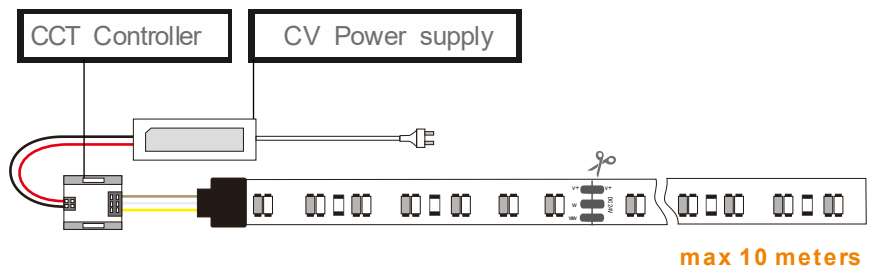
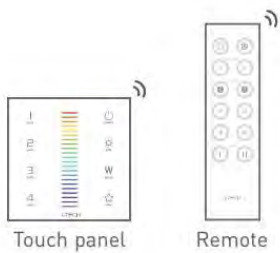
3527 120LEDs/m DC 24V Unit:mm



Cut in the centre of the copper or soldered points

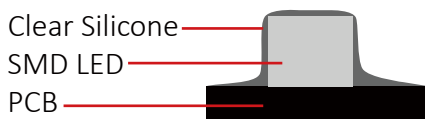


Peel off paper backing to reveal 3m self adhesive

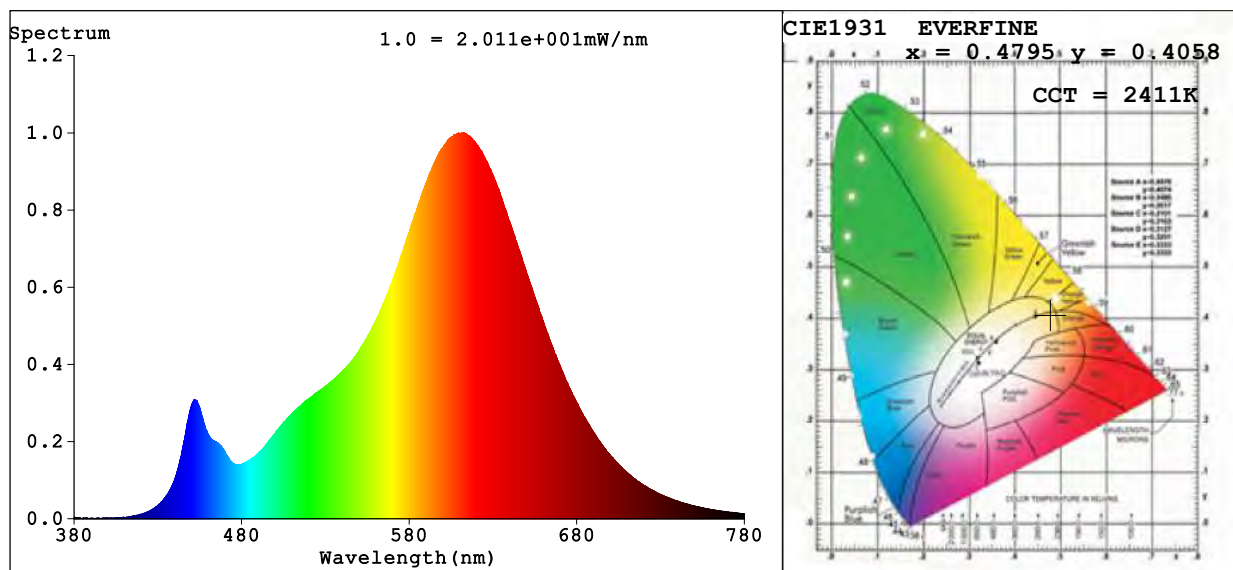


- 1.The voltage out from the power supply must be the same as the voltage requirement of the LED Strip
- 2.The power capacity of the power supply must be equal to or greater than the power requirement of the LED Strip
- 3.Some of our control systems allow multiple CCT controllers to be used in one installation

### IP65 Silicone Spray Coating



## Spectrum Test Report



### Colorimetric Parameters

Chromaticity Coordinate:  $x=0.4795$   $y=0.4058$   $u'=0.2776$   $v'=0.5285$

CCT=2411K (Duv=-0.0028) Dominant WL:Ld =586.8nm Purity=65.8%

Peak WL:Lp=612.7nm FWHM=102.4nm

Render Index:Ra=82.2

R1 =82 R2 =95 R3 =90 R4 =79 R5 =83 R6 =95 R7 =78

R8 =54 R9 =8 R10=89 R11=80 R12=86 R13=85 R14=96 R15=74

### Photometric & Radiometric Parameters

Flux=822.2 lm Eff.:85.01 lm/W Fe=2.628 W

### Electrical parameters

V=24.00 V I=0.4030 A P=9.671 W PF=1.000 F=0.00 Hz

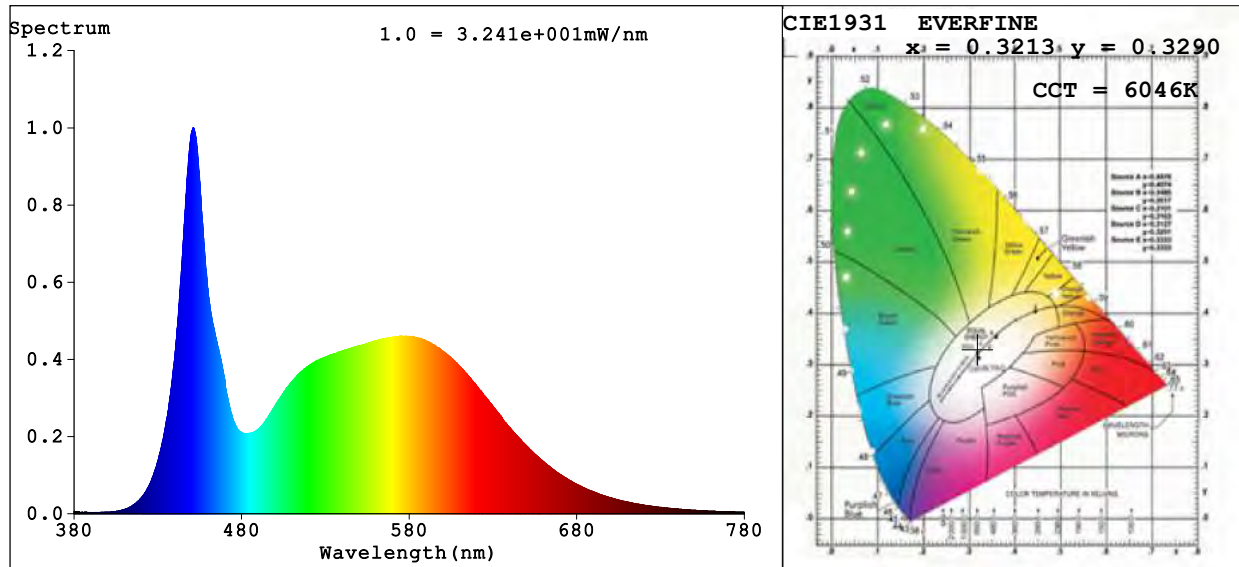
Status: Integral T = 117 ms Ip = 50932 (78%)

Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

Model:3527 2400+6000K  
Test By:DAMIN  
Temperature:25.3Deg  
Assessor:damin

Number:1M 2400K+6000K 2400K  
Date:2021-01-21 11:15:21  
Humidity:65.0%  
LED Type: Sanan 3527

Spectrum Test Report



**Colorimetric Parameters**

Chromaticity Coordinate: x=0.3213 y=0.3290/u'=0.2038 v'=0.4696

CCT=6046K (Duv=-0.0011) Dominant WL:Ld =487.0nm Purity=4.4%

Peak WL:Lp=451.0nm FWHM=20.6nm

Render Index:Ra=82.9

R1 =82 R2 =88 R3 =90 R4 =83 R5 =83 R6 =82 R7 =87

R8 =69 R9 =7 R10=70 R11=82 R12=59 R13=84 R14=95 R15=78

**Photometric & Radiometric Parameters**

Flux=942.5 lm Eff.:97.05 lm/W Fe=3.026 W

**Electrical parameters**

V=24.00 V I=0.4047 A P=9.712 W PF=1.000 F=0.00 Hz

Status: Integral T = 133 ms Ip = 48997 (75%)

Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

Model:3527 2400+6000K  
Test By:DAMIN  
Temperature:25.3Deg  
Assessor:damin

Number:1M 2400K+6000K 6000K  
Date:2021-01-21 11:16:12  
Humidity:65.0%  
LED Type: Sanan 3527