



SL5-24V-CRI95-ULTRA LED Strip

Product Details

Code	SL5-24V-CRI95
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	10mm
Thickness Including LED	2mm
Cut Points	100mm

Electrical Data

Voltage	24V
Power Consumption	5W/m
Dimmable	Yes (PWM)

Light Data

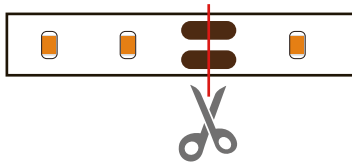
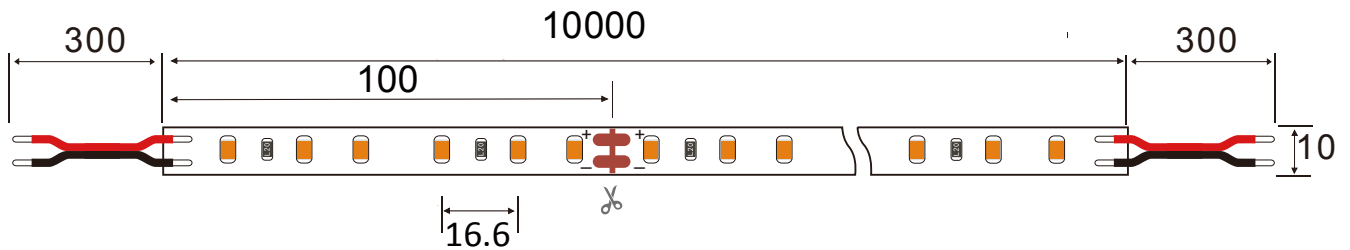
Colour Temperature	2000K	2400K	2700K
Lumens per Metre	362	402	417
LEDs per Metre	60		
Beam Angle	120°		
Colour Rendering Index(CRI)	>95		
LED Type	2835		
LED Manufacturer	Epistar		

Environment

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

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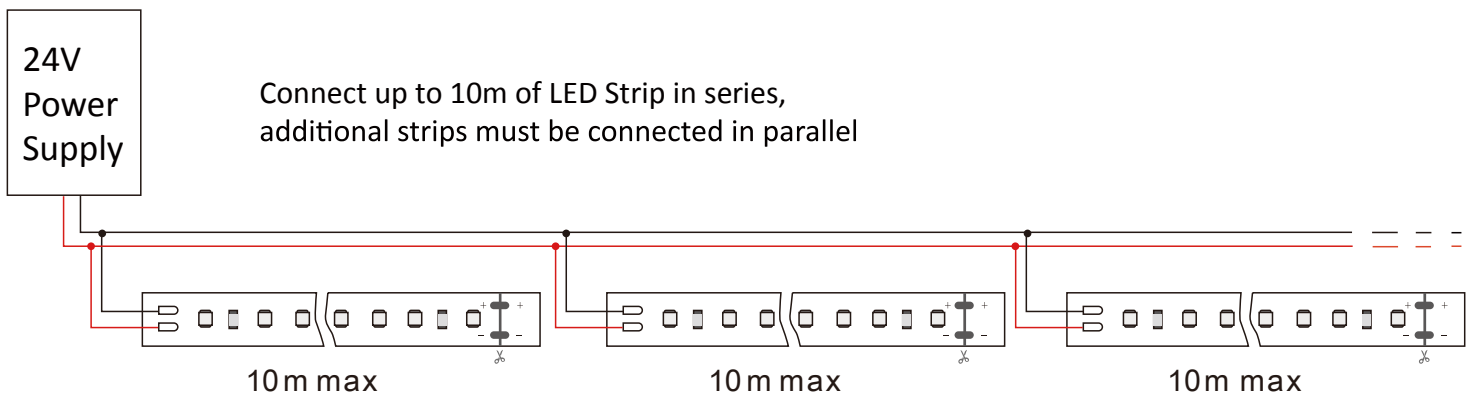
2835 60LEDs/m DC 24V Unit:mm



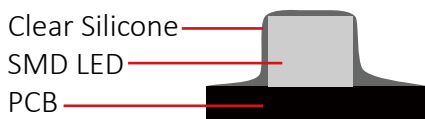
Cut in the centre of the copper or soldered points



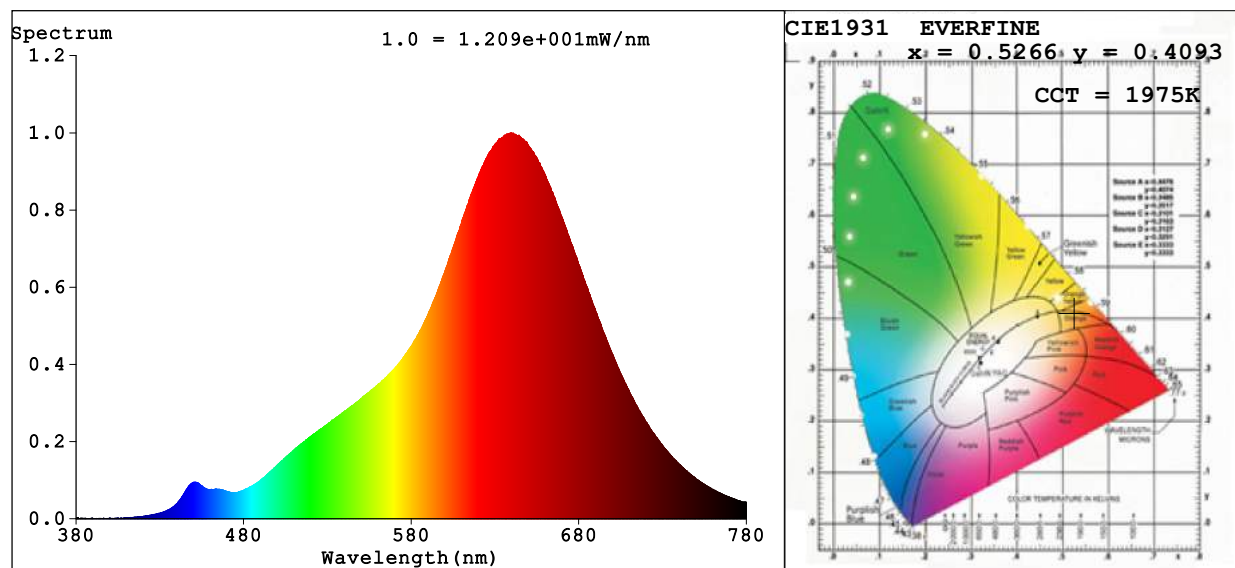
Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.5266$ $y=0.4093$ $u'=0.3072$ $v'=0.5371$

CCT=1975K (Duv=-0.0012) Dominant WL:Ld =589.5nm Purity=80.9%

Peak WL:Lp=639.6nm FWHM=106.7nm

Render Index:Ra=95.7

R1 =98 R2 =98 R3 =99 R4 =96 R5 =97 R6 =92 R7 =94

R8 =91 R9 =83 R10=97 R11=90 R12=87 R13=97 R14=97 R15=97

Photometric & Radiometric Parameters

Flux=361.7 lm Eff.:65.42 lm/W Fe=1.601 W

Electrical parameters

V=24.00 V I=0.2304 A P=5.529 W PF=1.000 F=0.00 Hz

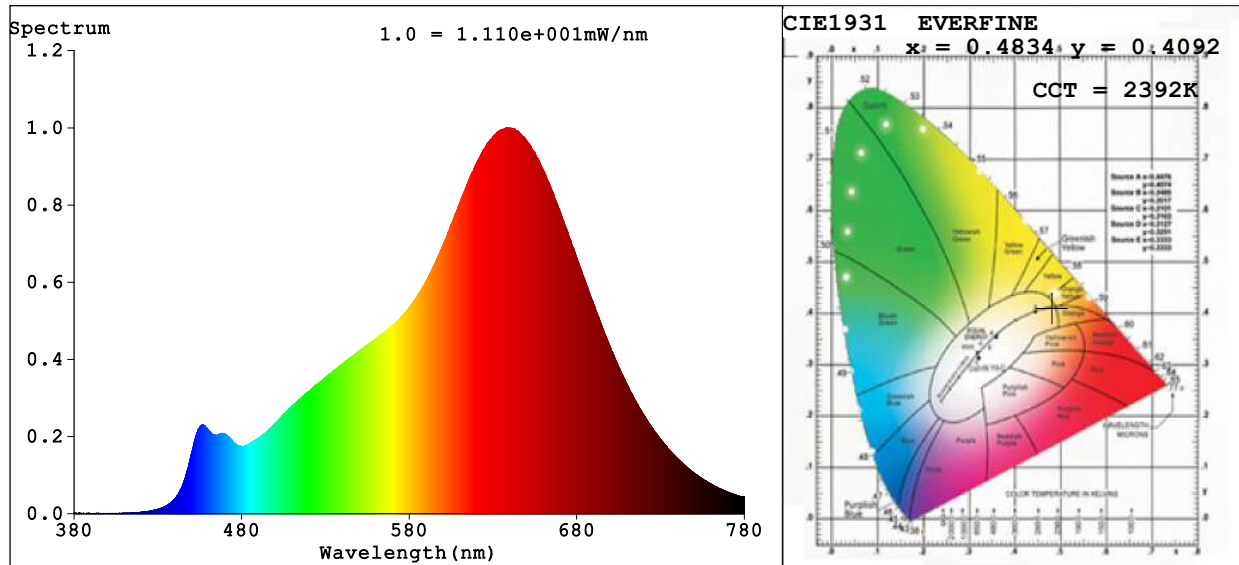
Status: Integral T = 205 ms Ip = 48973 (75%)

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

Model:2835 2000K
Test By:DAMIN
Temperature:25.3Deg
Assessor:damin

Number:1M
Date:2021-01-21 11:01:38
Humidity:65.0%
LED Type: Epistar 2835

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.4834$ $y=0.4092$ $u'=0.2784$ $v'=0.5304$

$CCT=2392K$ (Duv=-0.0018) Dominant WL: $L_d = 586.5nm$ Purity=67.9%

Peak WL: $L_p=638.9nm$ FWHM=120.6nm

Render Index: $R_a=95.5$

$R_1 = 95$ $R_2 = 96$ $R_3 = 99$ $R_4 = 96$ $R_5 = 94$ $R_6 = 91$ $R_7 = 96$

$R_8 = 98$ $R_9 = 97$ $R_{10}=92$ $R_{11}=92$ $R_{12}=83$ $R_{13}=94$ $R_{14}=99$ $R_{15}=98$

Photometric & Radiometric Parameters

Flux=401.4 lm Eff.:72.51 lm/W $Fe=1.656$ W

Electrical parameters

$V=24.00$ V $I=0.2307$ A $P=5.536$ W $PF=1.000$ $F=0.00$ Hz

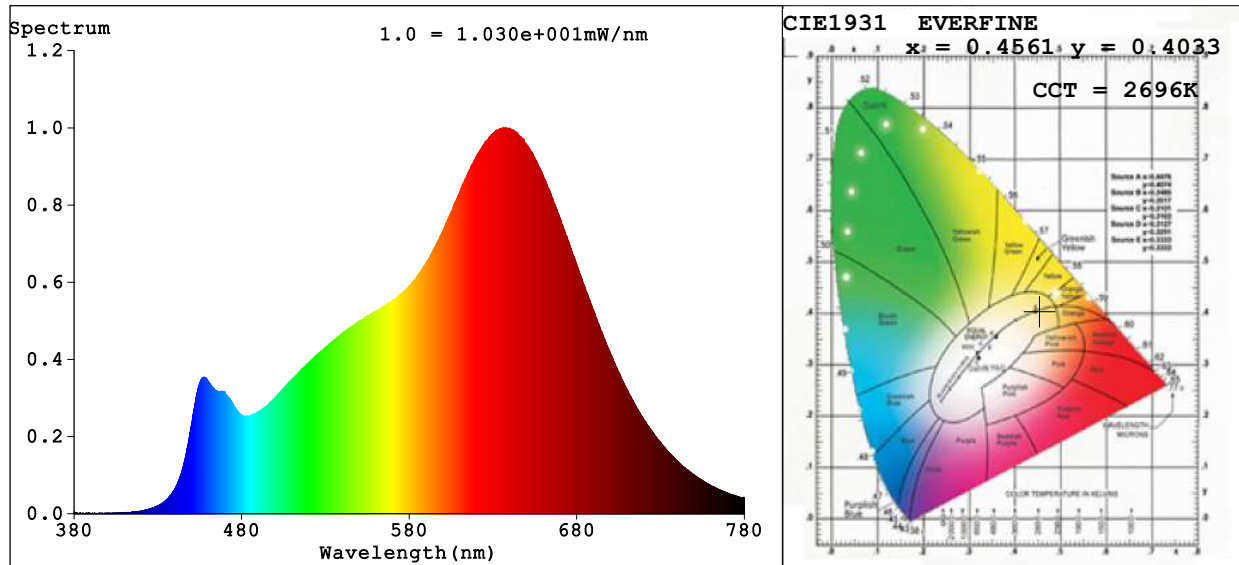
Status: Integral $T = 229$ ms $I_p = 50595$ (77%)

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

Model:2835 2400K 95
Test By:DAMIN
Temperature:25.3Deg
Assessor:damin

Number:1M
Date:2021-01-21 11:06:56
Humidity:65.0%
LED Type: Epistar 2835

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.4561$ $y=0.4033$ $u'=0.2634$ $v'=0.5240$

$CCT=2696K$ (Duv=-0.0024) Dominant WL:Ld =585.1nm Purity=57.9%

Peak WL:Lp=636.5nm FWHM=141.6nm

Render Index:Ra=95.2

R1 =94	R2 =95	R3 =99	R4 =96	R5 =94	R6 =91	R7 =96
R8 =97	R9 =96	R10=91	R11=93	R12=82	R13=94	R14=99
						R15=96

Photometric & Radiometric Parameters

Flux=417.0 lm Eff.:74.83 lm/W Fe=1.652 W

Electrical parameters

V=24.00 V I=0.2322 A P=5.572 W PF=1.000 F=0.00 Hz

Status: Integral T = 245 ms Ip = 50781 (77%)

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

Model:2835 2700K 95
Test By:DAMIN
Temperature:25.3Deg
Assessor:damin

Number:1M
Date:2021-01-21 11:09:46
Humidity:65.0%
LED Type:Epistar 2835