LED lighthouse

Simply Quality LED Lighting

5 YEARS WARRANTY | CE | RoHS | IP65

SL10SE-24V(Edge Lit) LED Strip

Product Details

Code	SL10SE-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	10mm
Thickness Including LED	2mm
Cut Points	71.43mm

Electrical Data

Voltage	24V
Power Consumption	10W/m
Dimmable	Yes (PWM)

Light Data

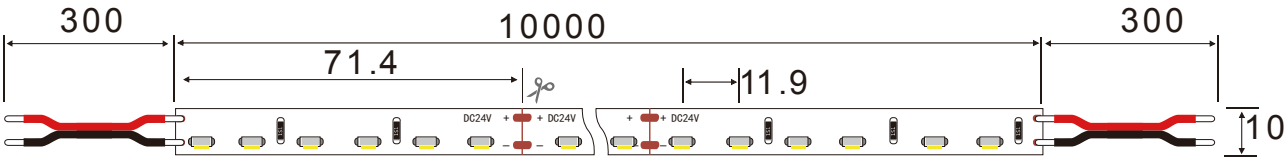
Colour Temperature	3000K	4000K	5000K	6000K
Lumens per Metre	1004	1039	1030	921
LEDs per Metre	84			
Beam Angle	120°			
Colour Rendering Index(CRI)	>80			
LED Type	3014 Side View			
LED Manufacturer	Epistar			

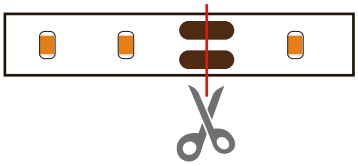
Environment

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

SL10SE-24V(Edge Lit) LED Strip

3014 84 LEDs/m DC 24V Unit:mm



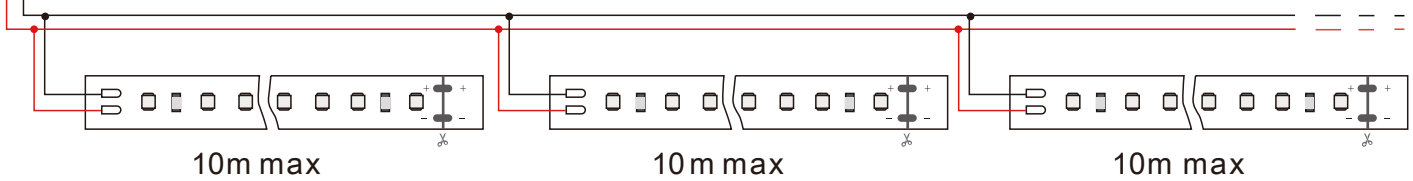


Cut in the centre of the copper or soldered points

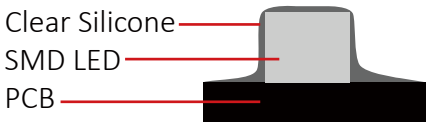
Peel off paper backing to reveal 3m self adhesive

24V Power Supply

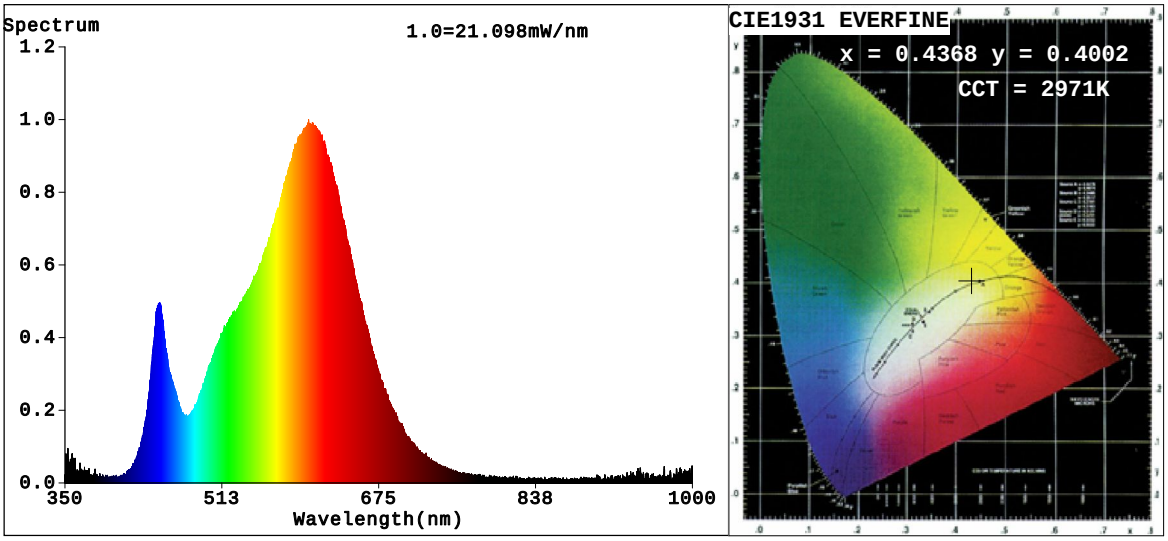
Connect up to 10m of LED Strip in series, additional strips must be connected in parallel



IP65 Silicone Spray Coating



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4368 y=0.4002/u'=0.2521 v'=0.5198
CCT=2971K(Duv=-0.0015) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=51.2%
Ratio:R=23.3% G=74.1% B=2.6% Peak WL:Lp=602.4nm FWHM=124.8nm
Render Index:Ra=83.2 AvgR=78.1

R1 =82	R2 =91	R3 =96	R4 =82	R5 =82	R6 =90	R7 =83	
R8 =59	R9 =9	R10=81	R11=82	R12=77	R13=84	R14=99	R15=74

Photo Parameters:

Flux = 1004 lm Eff. : 99.00 lm/W Fe = 3.152 W

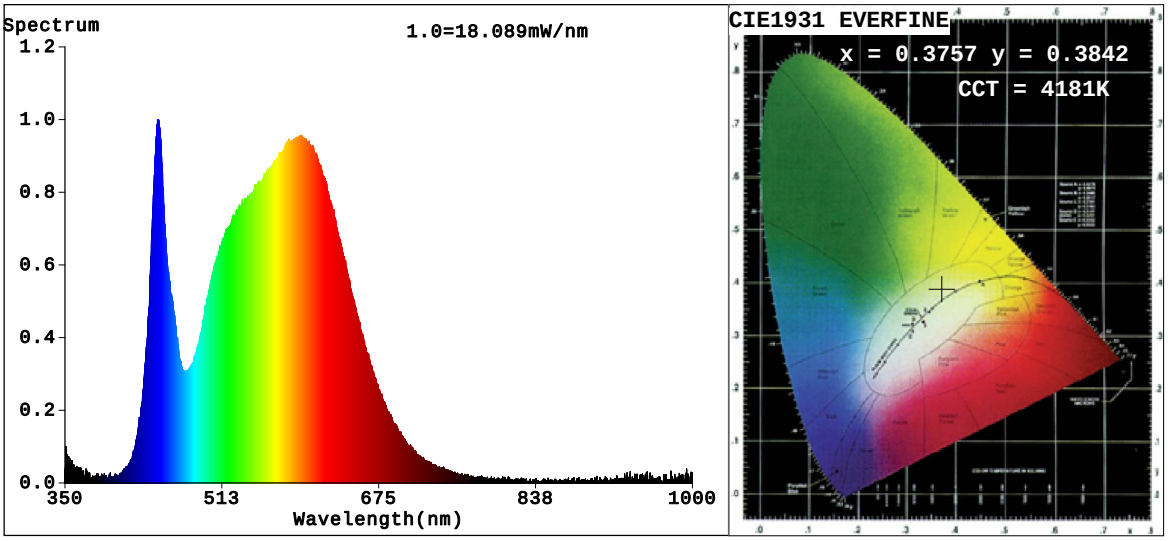
Electrical parameters:

V = 23.998 V I = 0.4224 A P = 10.14 W PF = 1.000
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 100 ms Ip = 1659 (3%)

Model:3000K 3014 sideview	Number:1
Tester:	Date:2021-03-02 15:09:02
Temperature:Deg	Humidity:%
Manufacturer:	Remarks:IP20 10W/M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3757 y=0.3842/u'=0.2191 v'=0.5041
CCT=4181K(Duv=0.0049) Dominant WL:Ld =575.8nm WL:Lc = --nm Purity=28.1%
Ratio:R=17.5% G=78.8% B=3.7% Peak WL:Lp=445.9nm FWHM=23.9nm
Render Index:Ra=83.2 AvgR=76.4

R1 =81	R2 =88	R3 =94	R4 =83	R5 =81	R6 =84	R7 =88	
R8 =66	R9 =8	R10=71	R11=83	R12=65	R13=82	R14=97	R15=74

Photo Parameters:

Flux = 1039 lm Eff. : 99.53 lm/W Fe = 3.176 W

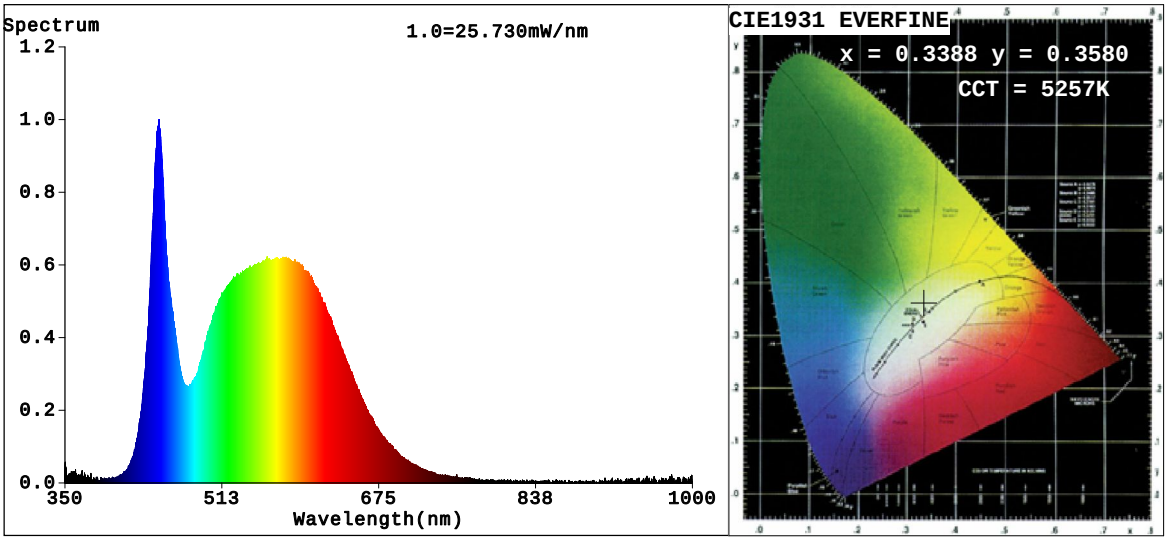
Electrical parameters:

V = 23.998 V I = 0.4349 A P = 10.44 W PF = 1.000
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 100 ms Ip = 1424 (2%)

Model:4000K 3014 sideview	Number:2
Tester:	Date:2021-03-02 15:09:57
Temperature:Deg	Humidity:%
Manufacturer:	Remarks:IP20 10W/M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3388 y=0.3580/u'=0.2048 v'=0.4868
CCT=5257K(Duv=0.0057) Dominant WL:Ld =562.9nm WL:Lc = --nm Purity=9.1%
Ratio:R=14.9% G=80.6% B=4.6% Peak WL:Lp=447.5nm FWHM=22.9nm
Render Index:Ra=82.2 AvgR=75.1

R1 =80	R2 =86	R3 =91	R4 =83	R5 =81	R6 =82	R7 =87	
R8 =67	R9 =3	R10=68	R11=83	R12=65	R13=81	R14=95	R15=74

Photo Parameters:

Flux = 1030 lm Eff. : 97.70 lm/W Fe = 3.230 W

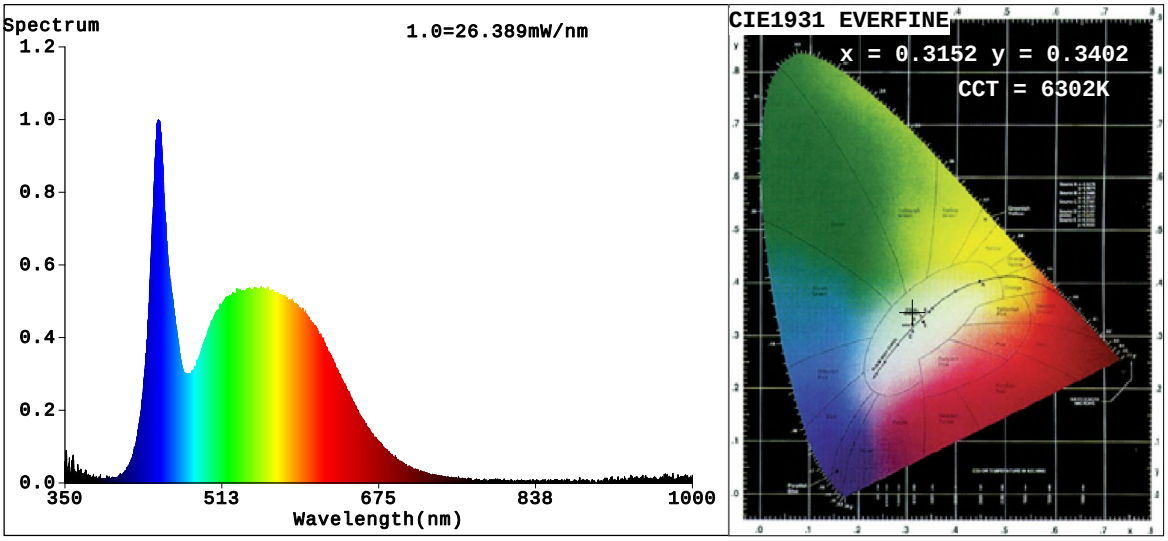
Electrical parameters:

V = 23.998 V I = 0.4394 A P = 10.54 W PF = 1.000
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 100 ms Ip = 1508 (2%)

Model:5000K 3014 sideview	Number:3
Tester:	Date:2021-03-02 15:11:07
Temperature:Deg	Humidity:%
Manufacturer:	Remarks:IP20 10W/M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3152 y=0.3402/u'=0.1955 v'=0.4745
CCT=6302K(Duv=0.0076) Dominant WL:Ld =496.6nm WL:Lc = --nm Purity=5.7%
Ratio:R=13.4% G=81.0% B=5.6% Peak WL:Lp=446.9nm FWHM=24.3nm
Render Index:Ra=83.5 AvgR=76.4

R1 =81	R2 =87	R3 =92	R4 =84	R5 =82	R6 =83	R7 =89	
R8 =70	R9 =7	R10=70	R11=84	R12=66	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 921.1 lm Eff. : 91.54 lm/W Fe = 3.014 W

Electrical parameters:

V = 23.998 V I = 0.4193 A P = 10.06 W PF = 1.000
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 1550 (2%)

Model:6000K 3014 sideview	Number:4
Tester:	Date:2021-03-02 15:11:58
Temperature:Deg	Humidity:%
Manufacturer:	Remarks:IP20 10W/M