

LED Strip

FL-24FS5630-60



Application

- ※ Cove lighting
- ※ Architectural lights for canopy, corridor, window, archway
- ※ Backlight or edge lighting for signage
- ※ DIY lights for home use
- ※ Path and contour marking
- ※ Decorative lights for holiday, event, show, exhibition

Great advantages

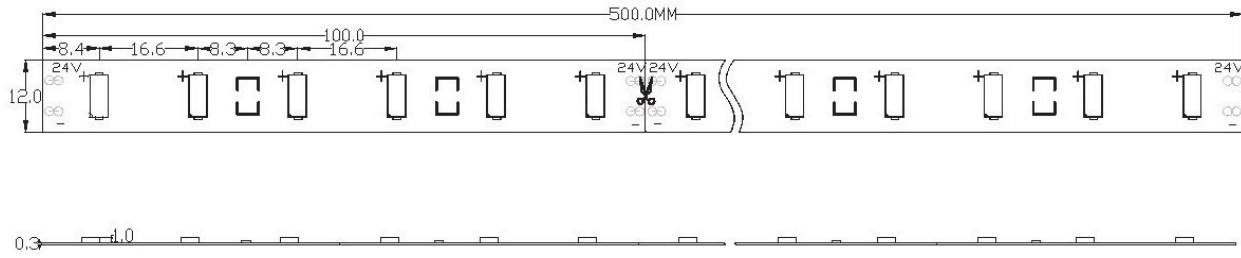
- ※ eco friendly
- ※ long life span, standard warranty 3 years
- ※ complete cut / connection accessories
- ※ no need of constant-current power feed
- ※ low power consumption
- ※ custom packing



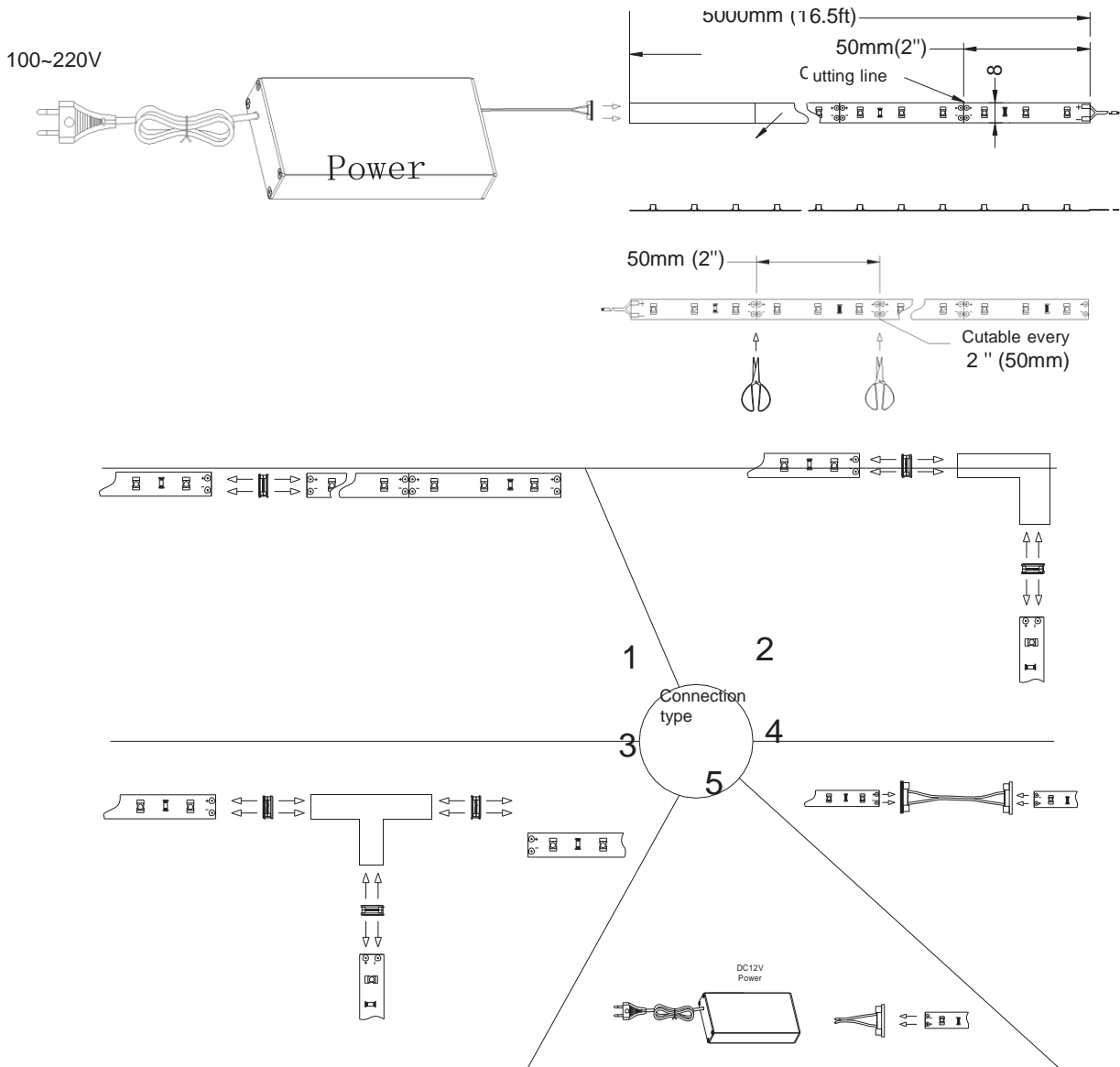
Model Number	Color	Length (m)	LED Qty	LED Type	Light Output (mcd/m)	Light Output (lumen/m)	Beam Angle (degrees)	Voltage (V DC)	Current (Amps/m)	Max. Power Consumption (W/m)	Continuous Connection (m)
FL-24FS5630-60-W	White	5	300	SMD 5630	60x10500	2250	120	24	1.01-1.16	28	5
FL-24FS5630-60-WW	Warm White	5	300		60x9400	1980	120	24	1.01-1.16	28	5
FL-24FS5630-60-R	Red	5	300		60x3400		120	24	1.01-1.16	28	5
FL-24FS5630-60-G	Green	5	300		60x7200		120	24	1.01-1.16	28	5
FL-24FS5630-60-B	Blue	5	300		60x2400		120	24	1.01-1.16	28	5
FL-24FS5630-60-Y	Yellow	5	300		60x3400		120	24	1.01-1.16	28	5

5630 series also have dampproof version-epoxy / glue and silicon sleeved

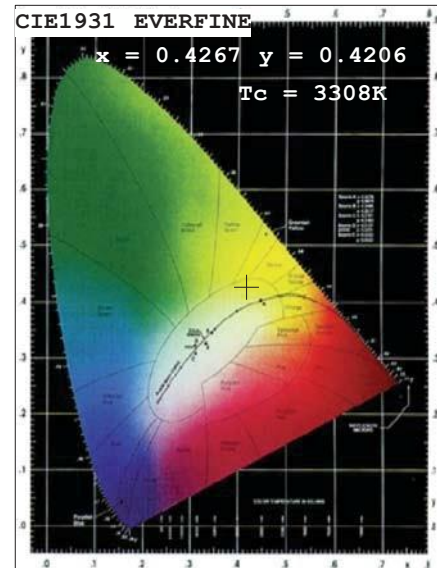
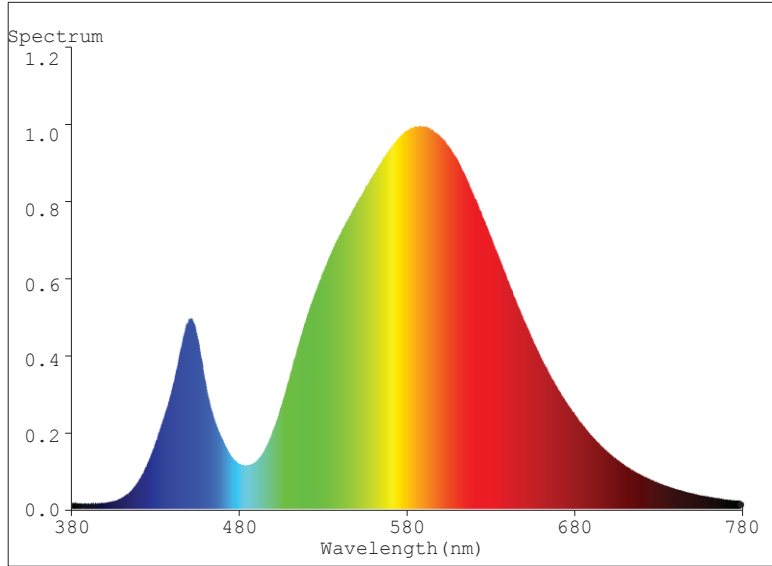
Dimension&Circuit drawings



Linking operation



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4267$ $y=0.4206$ $u'=0.2373$ $v'=0.5262$

Tc=3308K Dominant WL:Ld =578.9nm Purity=54.4%

Red Ratio:R=20.5% Peak WL:Lp=588.6nm HWL:Lhd=129.3nm

Render Index:Ra=83.7

R1 =66 R2 =78 R3 =88 R4 =69 R5 =65 R6 =68 R7 =83

R8 =50 R9 =0 R10=47 R11=62 R12=37 R13=68 R14=93 R15=60

Photo Parameters:

Flux = 1950lm Eff. : 92.08 lm/W Fe = 6.752 W

Electrical parameters:

V = 24.00 V I = 1.118 A P = 26.83 W PF = 1.000

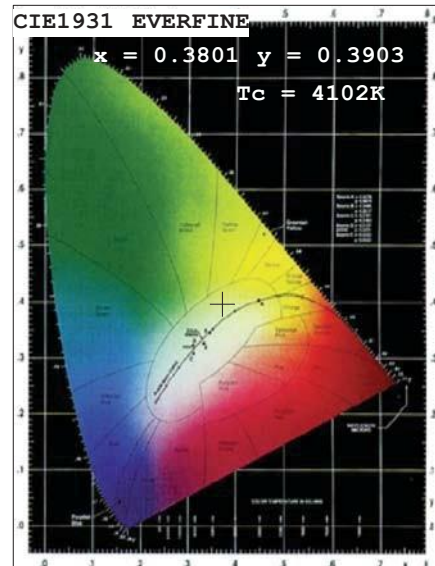
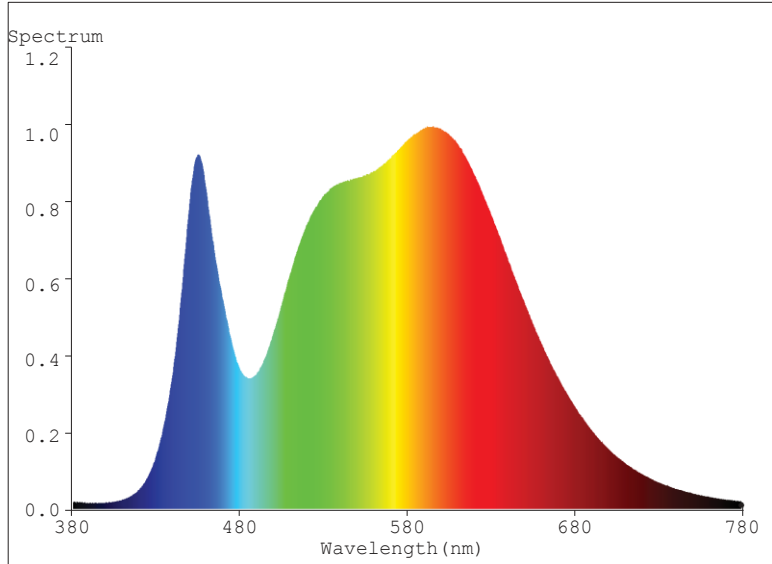
Status: Integral T = 169 ms Ip = 44570 (68%)

Test Type: Fast Test; Delicacy = High; Tecool: ON

Model: FL-24FS5630-60-WW 3000K
Tester:010
Temperature:24.0Deg
Manufactory:

Number:01(1.0M)
Date:2014-02-17
Humidity:45%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3801$ $y=0.3903$ $u'=0.2196$ $v'=0.5074$

$T_c=4102K$ Dominant WL:Ld =575.6nm Purity=31.2%

Red Ratio:R=19.2% Peak WL:Lp=591.8nm HWL:Lhd=150.9nm

Render Index:Ra=79.4

R1 =81	R2 =89	R3 =95	R4 =82	R5 =80	R6 =85	R7 =89	
R8 =67	R9 =11	R10=72	R11=80	R12=58	R13=83	R14=97	R15=75

Photo Parameters:

Flux = 2069 lm Eff. : 103.93 lm/W Fe = 7.320 W

Electrical parameters:

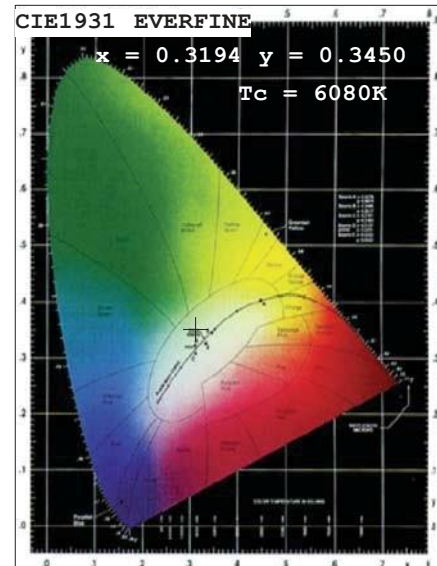
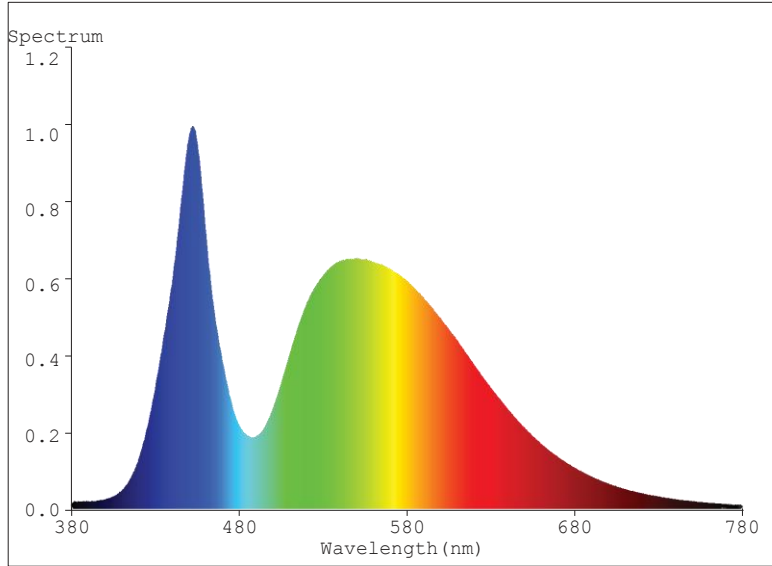
V = 24.00 V I = 1.131 A P = 27.144 W PF = 1.000

Status: Integral T = 203 ms Ip = 48320 (74%)

Test Type: Fast Test; Delicacy = High; Tecool: ON

Model: FL-24FS5630-60-NW 4000K	Number:01 (1.0M)
Tester:010	Date:2014-02-13
Temperature:24.0Deg	Humidity:45%
Manufactory:	Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3194$ $y=0.3450$ $u'=0.1965$ $v'=0.4776$

Tc=6080K Dominant WL:Ld =503.0nm Purity=4.2%

Red Ratio:R=13.4% Peak WL:Lp=451.6nm HWL:Lhd=29.0nm

Render Index:Ra=75.3

R1 =69 R2 =77 R3 =82 R4 =73 R5 =71 R6 =70 R7 =84

R8 =60 R9 =0 R10=45 R11=69 R12=45 R13=71 R14=90 R15=64

Photo Parameters:

Flux = 2250 lm Eff. : 100.23 lm/W Fe = 7.392 W

Electrical parameters:

V = 24.00 V I = 1.16 A P = 27.84 W PF = 1.000

Status: Integral T = 192 ms Ip = 45144 (69%)

Test Type: Fast Test; Delicacy = High; Tecool: ON

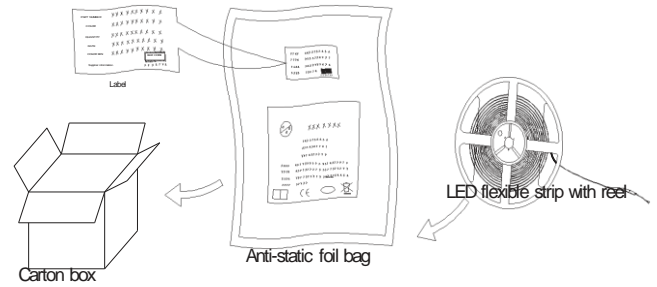
Model: FL-24FS5630-60-CW 6000K
Tester:010
Temperature:24.0Deg
Manufactory:

Number:01(1.0M)
Date:2014-02-17
Humidity:45%
Remarks:

Safety Information

- The strip itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED ribbon (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- Please ensure that the power supply is of adapters power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the strip.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.

※ Packing information



※ Connectors

