

LED Strip Lights

MODEL SL-25M

ORTECH

Product Specification Sheet



HIGHLIGHTS

- Ultra thin, flexible indoor use LED strip of 25m length, 60 LEDs per meter
- Suitable for cove lighting, display lighting, mood lighting, and under cabinet lighting
- 3528 SMD light source and High CRI > 90
- Double sided 3M tape on back
- Easy to install

SPECIFICATIONS

Model	SL-25M
Wattage	4.8W per meter
Voltage	12V DC
Lumens	475 lmn per meter
Beam Angle	120°
Lifetime	50000 hours
CRI	> 90
Dimmable	Yes
Number of LEDs	60 SMDs per meter
Cut Distance	3 LEDs — 50 mm
Rating	Non-IC Rated / Indoor use / for Dry location
Grade of Protection	IP 20
Application	Cove lighting / Display lighting / Mood lighting / Under cabinet lighting
Colour Temp.	3000K (Warm White) / 5000K (Cool White) / Blue
Operating Temp.	-25°C ~ +65°C

Accessories (sold separately)



SL-CONN

Solderless connector with wire good for power to cut pieces



SL-CONN (TWO)

Solderless connector with wire good for corners



SL-CONN (SNAP)

Solderless connector for SL-25M and SL120-25M



YD-1607

16mm PCB width Strip Light Channels

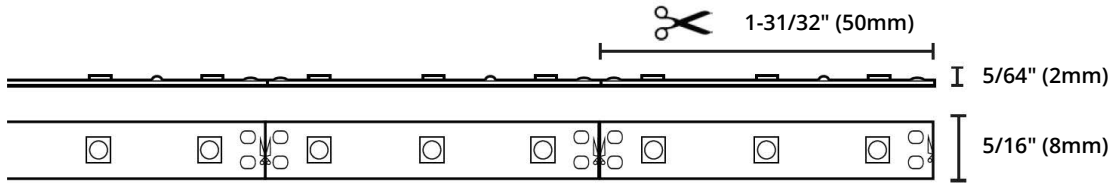


YD-1806

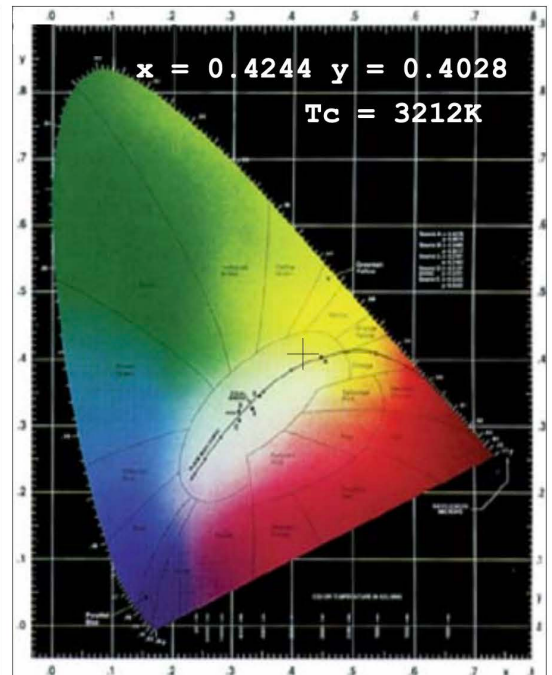
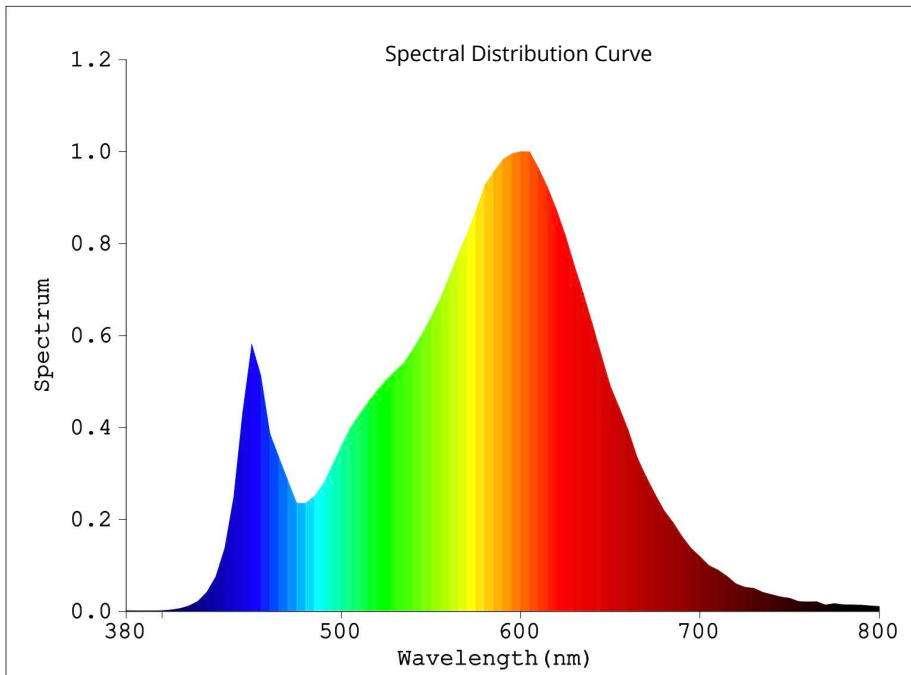
13mm PCB width Strip Light Channels

MODEL SL-25M

DIMENSIONS



TESTING REPORT



SL-25M 3000K (Warm White)

Colourimetric Parameters

Chromaticity Coordinate: $x = 0.4244$ $y = 0.4028$ / $u' = 0.2430$ $v' = 0.5190$ ($duv = 1.41e-03$)

CCT= 3212K Prcp WL: $\lambda_d = 581.4nm$ Purity=48.3%

Peak WL: $\lambda_p = 600nm$ Centroid WL: $\lambda_c = 583.0nm$ Ratio: R=22.9% G=74.5% B=2.6%

Render Index: $R_a = 79.7$ CRI=73.3

$R_1 = 77$ $R_2 = 90$ $R_3 = 95$ $R_4 = 77$ $R_5 = 78$ $R_6 = 87$ $R_7 = 81$

$R_8 = 53$ $R_9 = -9$ $R_{10} = 77$ $R_{11} = 75$ $R_{12} = 67$ $R_{13} = 80$ $R_{14} = 98$ $R_{15} = 69$

Photometric & Radiometric Parameters

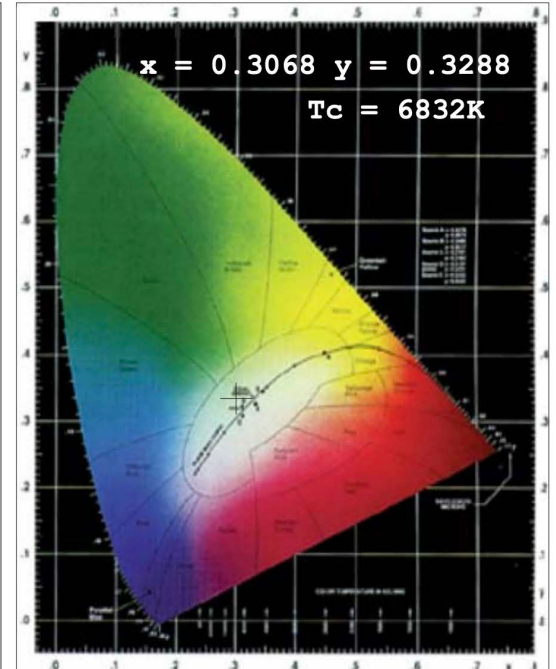
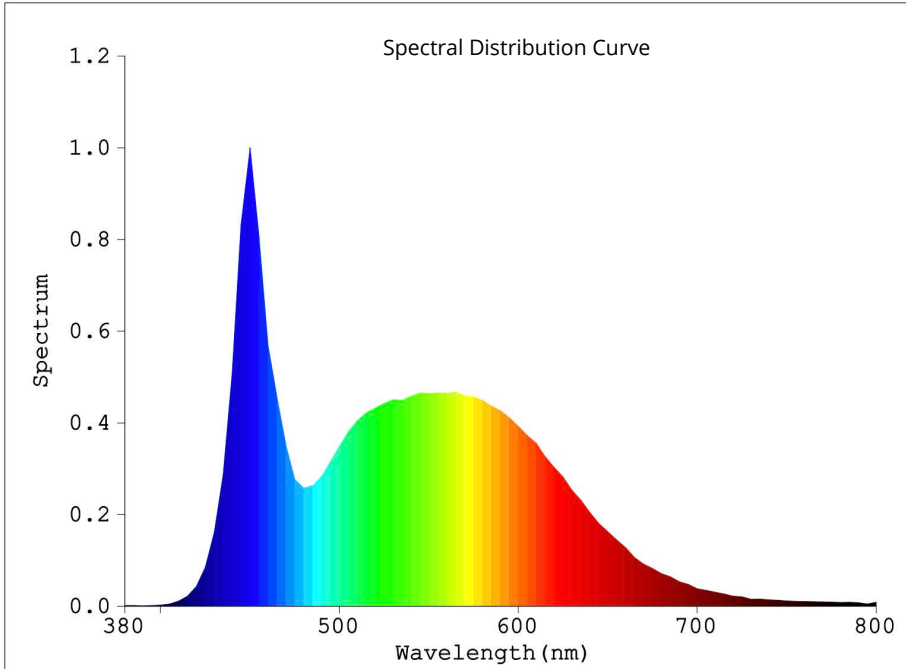
Flux = 505.93 lm Eff. : 111.7 lm/W $\Phi_e = 1.4870$ W

Electrical parameters

Lamp: U =11.998V I =0.3774A P =4.528W PF =1.000

MODEL SL-25M

TESTING REPORT



SL-25M 5000K (Cool White)

Colourimetric Parameters

Chromaticity Coordinate: $x = 0.3068$ $y = 0.3288$ / $u' = 0.1938$ $v' = 0.4673$ ($duv=6.11e-03$)

CCT= 6832K Prcp WL: $L_d=489.5nm$ Purity=9.3%

Peak WL: $L_p=450nm$ Centroid WL: $=536.0nm$ Ratio: R=13.8% G=80.9% B=5.4%

Render Index: $R_a = 81.7$ CRI=73.7

$R_1 = 79$ $R_2 = 86$ $R_3 = 91$ $R_4 = 81$ $R_5 = 80$ $R_6 = 81$ $R_7 = 88$

$R_8 = 67$ $R_9 = -4$ $R_{10} = 67$ $R_{11} = 80$ $R_{12} = 58$ $R_{13} = 81$ $R_{14} = 95$ $R_{15} = 73$

Photometric & Radiometric Parameters

Flux = 495.55 lm Eff. : 102.4 lm/W Fe = 1.6019 W

Electrical parameters

Lamp: U =11.998V I =0.4032A P =4.838W PF =1.000

ORTECH reserves the right to modify at any time, without notice,
any or all of our product's features, designs, components and
specifications to meet market changes.

Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date: