



ErP LED STRIP SPECIFICATION

TW 24V 19.2W CRI90 2835 256LED/M IP52/67 F

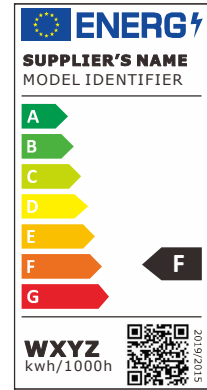
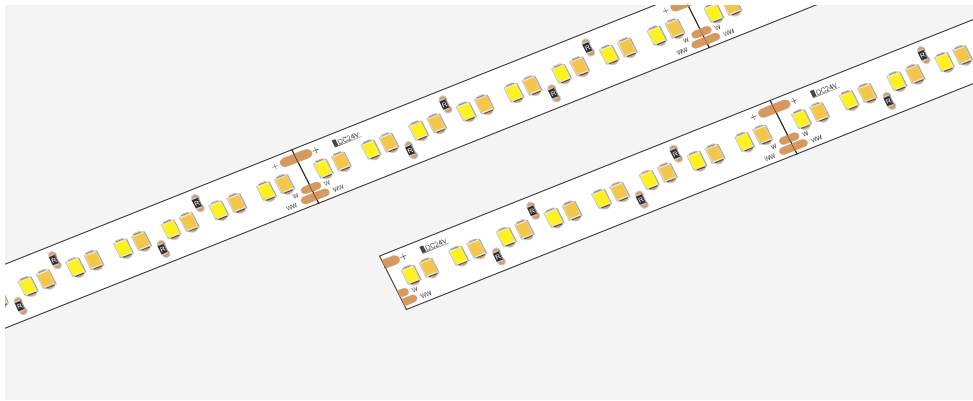


Note: LEDYI may change product specifications and installation guidance without prior notice.

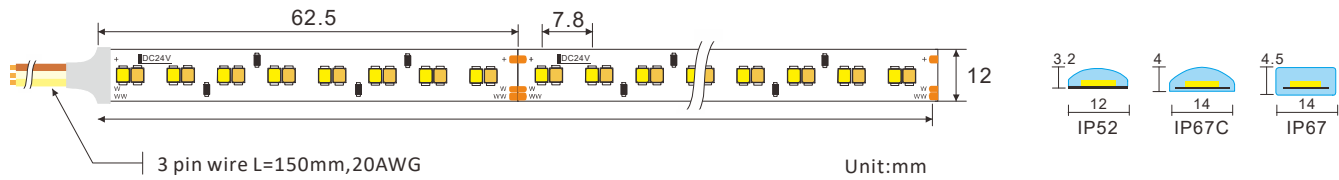
TW 24V 19.2W CRI90 2835 256LED/M IP52/67 F



Part Number: LY256-S2835TW-W24-19.2W-Ra90-IP52-ErP
 ↳ IP67C/IP67



Dimensions & Waterproof



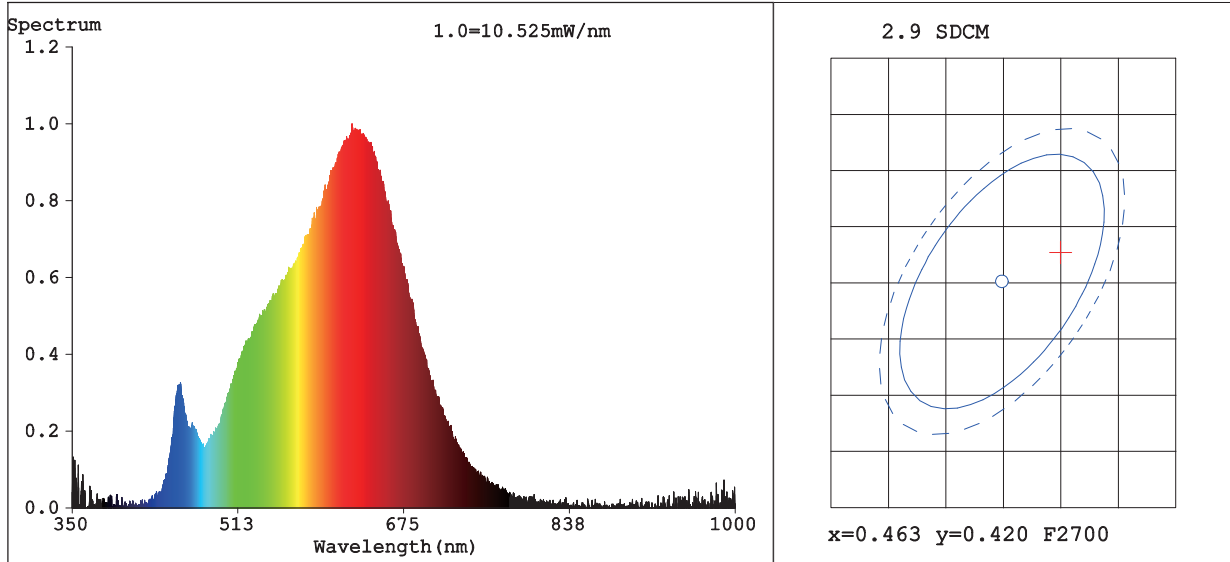
Product Specification

Max.Length	5000mm	Voltage(V)	DC24V
Chip Type	2835SMD	Power(W/m)	19.2W
Chip Density	256LEDs/m	Power(W/0.5m)	9.6W
Step Length	62.5mm/16LEDs	Beam Angle	120°
MacAdam Ellipse	<6	Operation Temperature	-20°C~50°C
Survival Factor LED	0.9	Lumen Maintenance Factor	0.96

Product Photometrics

CCT	W/0.5M	LM/0.5M	LM/M	LM/W	Energy Efficiency Class	IP Grade
2700K ONLY	4.8	475.20	950.40	99	F	52/67C/67
6500K ONLY	4.8	556.80	1113.60	116	F	52/67C/67

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4681$ $y=0.4226/u'=0.2624$ $v'=0.5331$
 CCT=2679K(Duv=0.0037) Dominant WL:Ld =583.2nm WL:Lc = --nm Purity=67.4%
 Ratio:R=26.5% G=71.3% B=2.2% Peak WL:Lp=624.1nm FWHM=148.9nm
 Render Index:Ra=93.3 TM30:Rf=92 Rg=97

R1 =94	R2 =95	R3 =96	R4 =94	R5 =92	R6 =95	R7 =95	
R8 =85	R9 =66	R10=88	R11=95	R12=78	R13=94	R14=97	R15=90

Photo Parameters:

Flux = 463.6 lm Eff. : 99.79 lm/W Fe = 1.668 W

Electrical parameters:

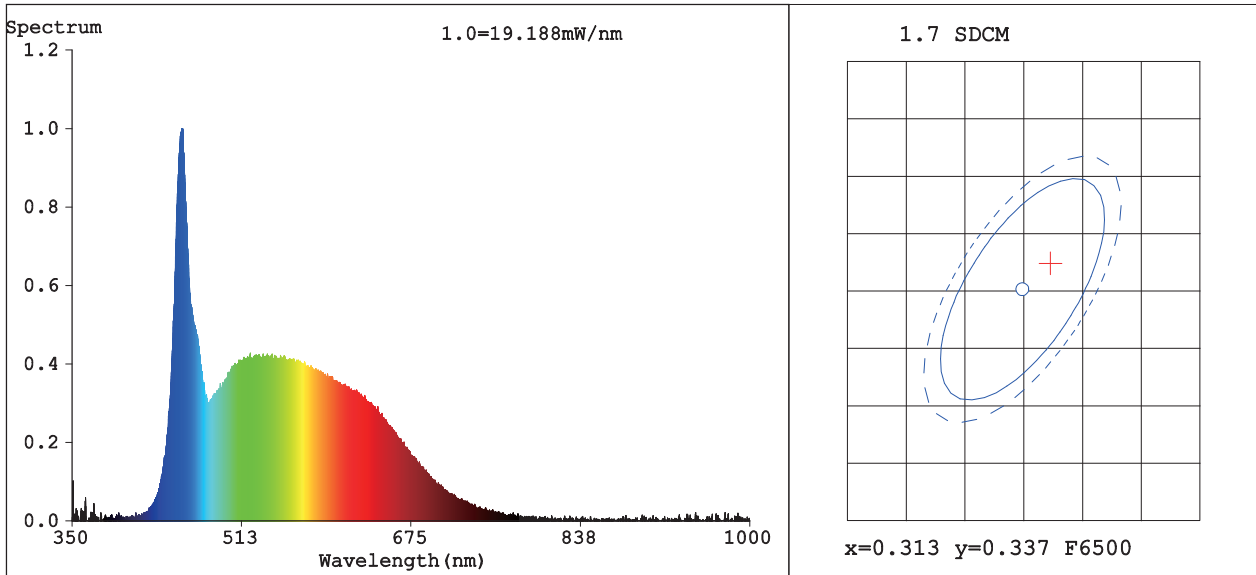
V = 23.999 V I = 0.1936 A P = 4.646 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 678 (1%)

Model: 256D 2835
 Tester:
 Temperature: Deg
 Manufacturer:

Number: 2700K
 Date: 2022-04-12 18:38:51
 Humidity: %
 Remarks: 0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3154$ $y=0.3393$ $u'=0.1959$ $v'=0.4741$
 CCT=6300K(Duv=0.0071) Dominant WL:Ld =496.0nm WL:Lc = --nm Purity=5.7%
 Ratio:R=14.6% G=78.7% B=6.8% Peak WL:Lp=455.8nm FWHM=19.5nm
 Render Index:Ra=91.1 TM30:Rf=89 Rg=95

R1 =91	R2 =97	R3 =97	R4 =87	R5 =89	R6 =93	R7 =91
R8 =83	R9 =59	R10=92	R11=88	R12=64	R13=93	R14=99 R15=87

Photo Parameters:

Flux = 540.9 lm Eff. : 116.29 lm/W Fe = 1.891 W

Electrical parameters:

V = 23.999 V I = 0.1938 A P = 4.651 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 964 (1%)

Model: 256D 2835
 Tester:
 Temperature: Deg
 Manufacturer:

Number: 6500K
 Date: 2022-04-12 18:38:33
 Humidity: %
 Remarks: 0.5M