



ErP LED STRIP SPECIFICATION

TW 24V 19.2W CRI90 2835 256LED/M IP20/65 F

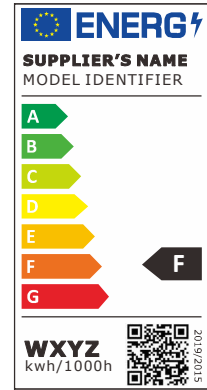
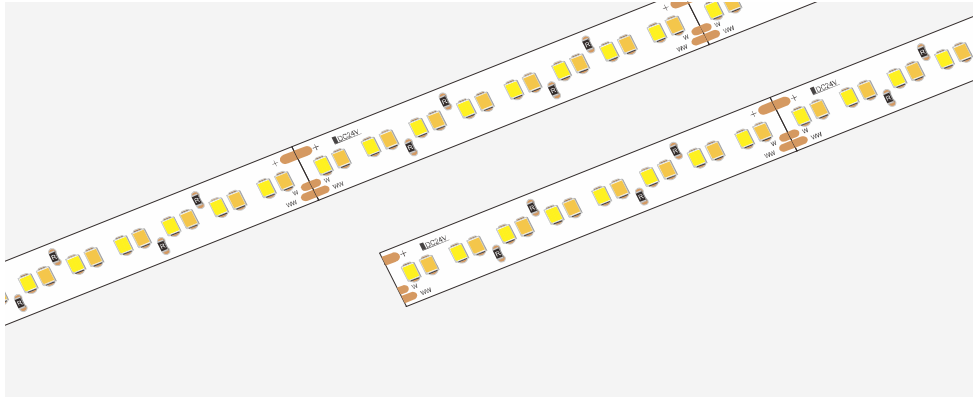


Note: LEDYI may change product specifications and installation guidance without prior notice.

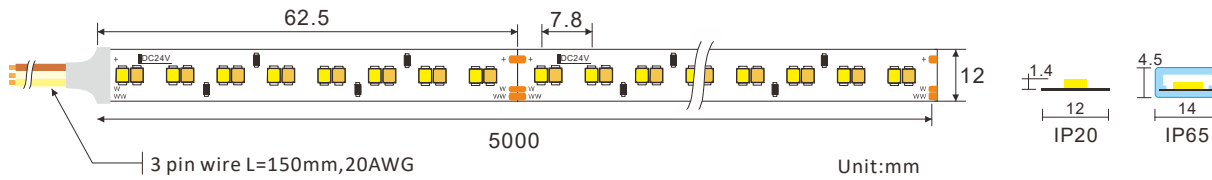
TW 24V 19.2W CRI90 2835 256LED/M IP20/65 F



Part Number: LY256-S2835TW-W24-19.2W-Ra90-IP20-ErP
 IP20/IP65



Dimensions & Waterproof



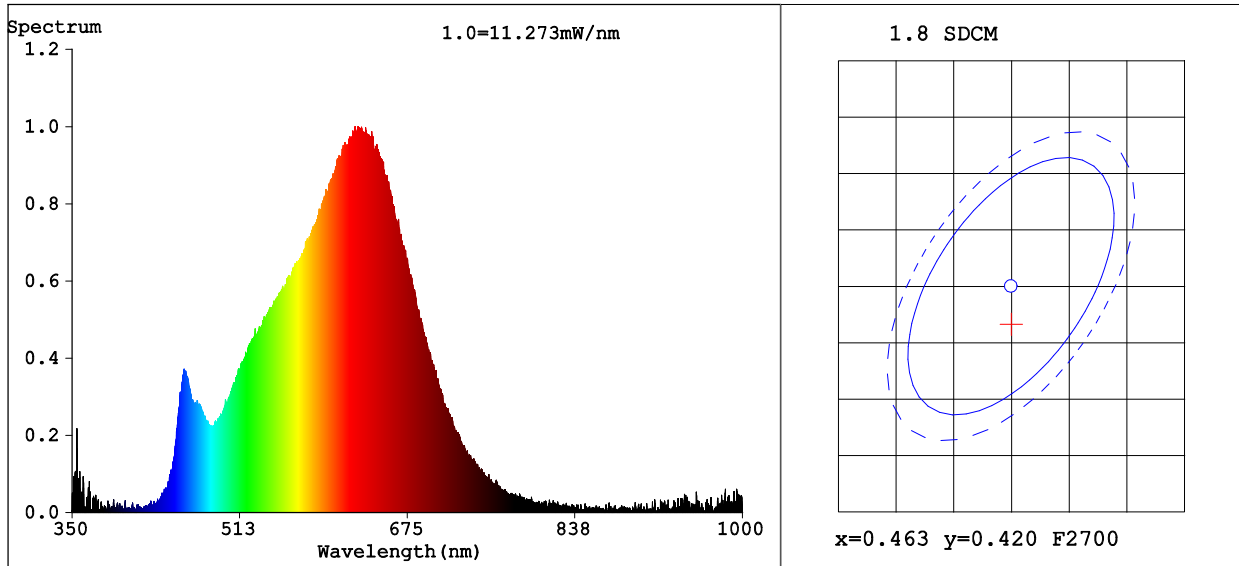
Product Specification

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	504.00	1008.00	105	F	20/65
6500K ONLY	4.8	585.60	1171.20	122	F	20/65

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4630$ $y=0.4166$ $u'=0.2618$ $v'=0.5301$

CCT=2703K(Duv=0.0019) Dominant WL:Ld =583.6nm Purity=64.0%

Ratio:R=26.5% G=70.9% B=2.6% Peak WL:Lp=624.5nm FWHM=150.3nm

Render Index:Ra=94.6

R1 =95	R2 =98	R3 =99	R4 =93	R5 =94	R6 =98	R7 =93	
R8 =86	R9 =70	R10=94	R11=94	R12=82	R13=96	R14=99	R15=91

Photo Parameters:

Flux = 503.5 lm Eff. : 105.64 lm/W Fe = 1.867 W

Electrical parameters:

V = 23.999 V I = 0.1986 A P = 4.766 W PF = 1.000

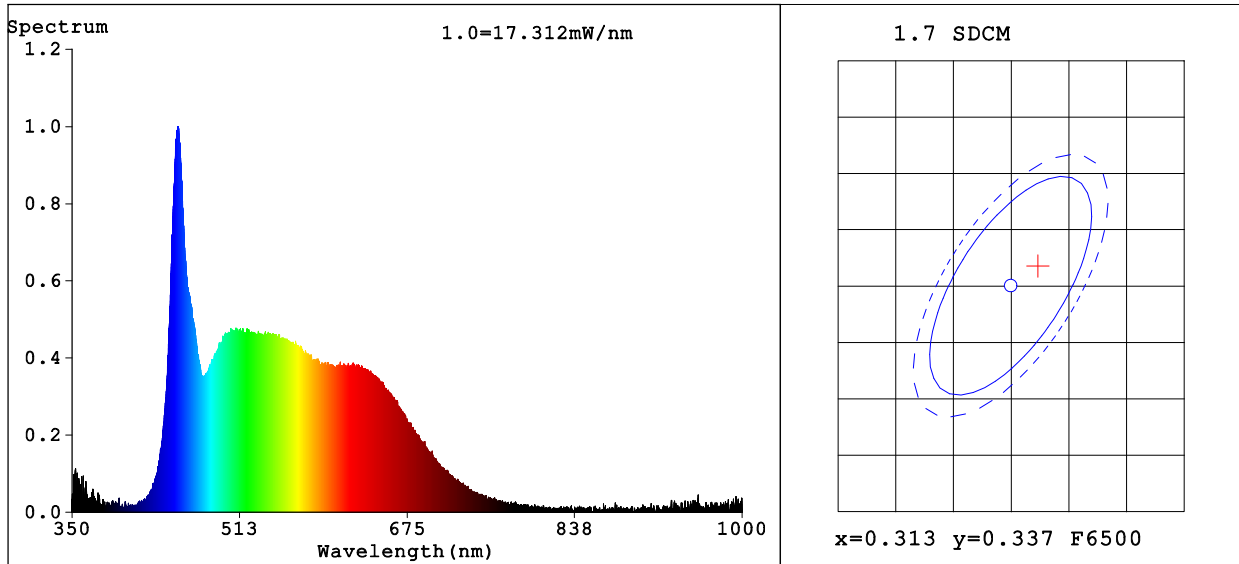
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 750 (1%)

Model:
Tester:
Temperature:Deg
Manufacturer:

Number:2835 256LED 24V 2700K
Date:2021-08-23 11:51:45
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3153$ $y=0.3388$ $u'=0.1960$ $v'=0.4738$

CCT=2703K(Duv=0.0019) Dominant WL:Ld =495,6nm Purity=5,8%

Ratio:R=15,2% G=77,8% B=7,0% Peak WL:Lp=452,8nm FWHM=22,3nm

Render Index:Ra=94.6

R1 =96	R2 =98	R3 =99	R4 =93	R5 =94	R6 =98	R7 =95	
R8 =92	R9 =85	R10=96	R11=95	R12=71	R13=97	R14=99	R15=93

Photo Parameters:

Flux = 535,4 lm Eff. : 122,66 lm/W Fe = 2,001 W

Electrical parameters:

V = 23.999 V I = 0.1819 A P = 4.365 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 858 (1%)

Model:
Tester:
Temperature:Deg
Manufacturer:

Number:2835 256LED 24V 6500K
Date:2021-08-23 11:57:27
Humidity:%
Remarks: