



ErP LED STRIP SPECIFICATION

TW 24V 9.6W CRI90 2835 128LED/M IP52/67 F

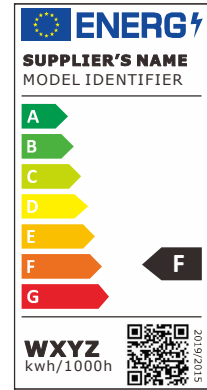
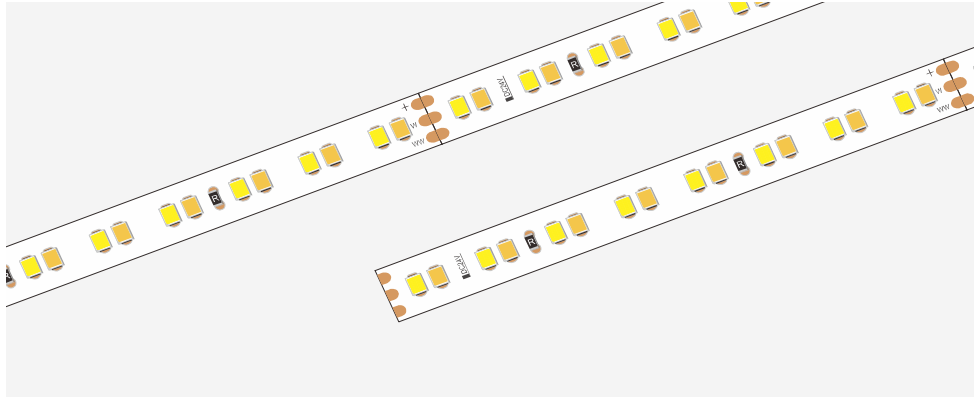


Note: LEDYI may change product specifications and installation guidance without prior notice.

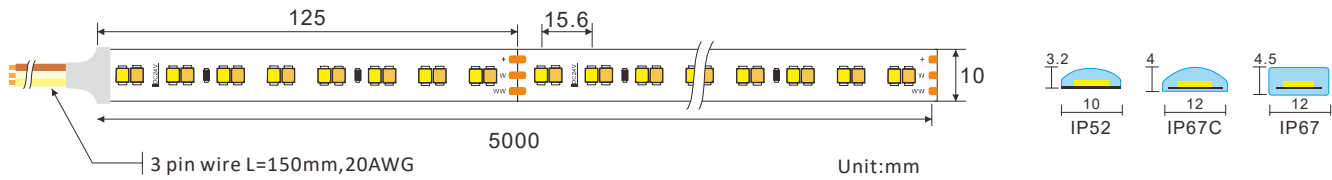
TW 24V 9.6W CRI90 2835 128LED/M IP52/67 F



Part Number: LY128-S2835TW-W24-9.6W-Ra90-IP52-ErP
 ↳ IP67C/IP67



Dimensions & Waterproof



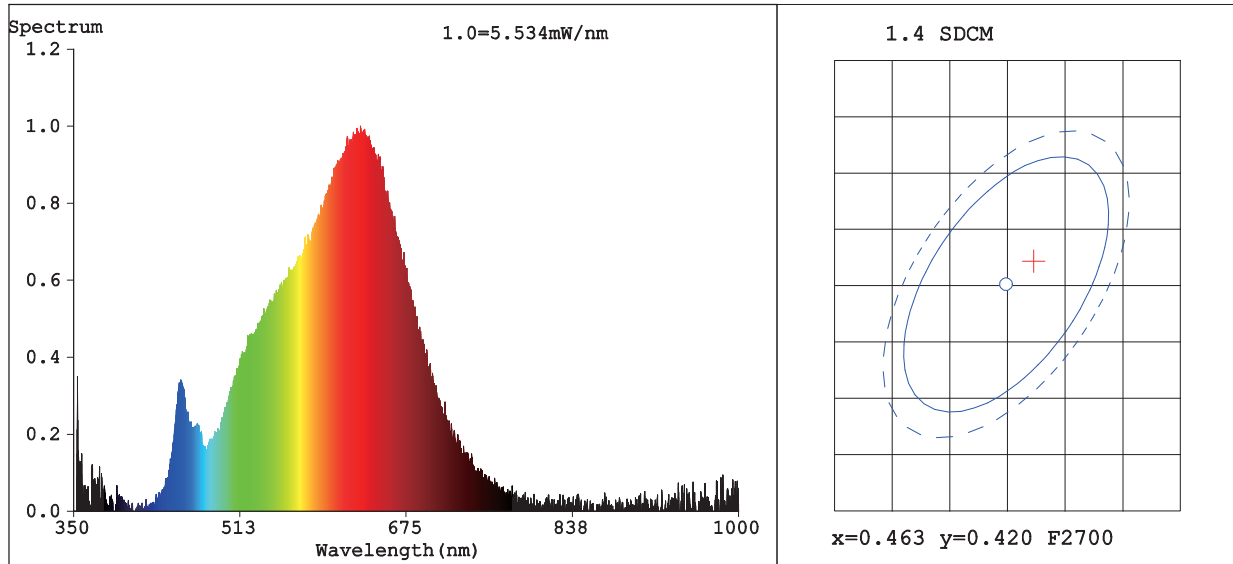
Product Specification

Max.Length	5000mm	Voltage(V)	DC24V
Chip Type	2835SMD	Power(W/m)	9.6W
Chip Density	128LEDs/m	Power(W/0.5m)	4.8W
Step Length	125mm/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	2.4	244.80	489.60	102	F	52/67C/67
6500K ONLY	2.4	288.00	576.00	120	F	52/67C/67

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4654$ $y=0.4220$ $u'=0.2609$ $v'=0.5325$

CCT=2712K(Duv=0.0037) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=66.4%

Ratio:R=26.2% G=71.5% B=2.2% Peak WL:Lp=630.7nm FWHM=150.5nm

Render Index:Ra=93.5 TM30:Rf=92 Rg=97

R1 =94	R2 =96	R3 =96	R4 =94	R5 =92	R6 =95	R7 =95	
R8 =86	R9 =67	R10=89	R11=95	R12=78	R13=94	R14=97	R15=90

Photo Parameters:

Flux = 244.7 lm Eff. : 102.38 lm/W Fe = 887.0 mW

Electrical parameters:

V = 23.999 V I = 0.09960 A P = 2.390 W PF = 1.000

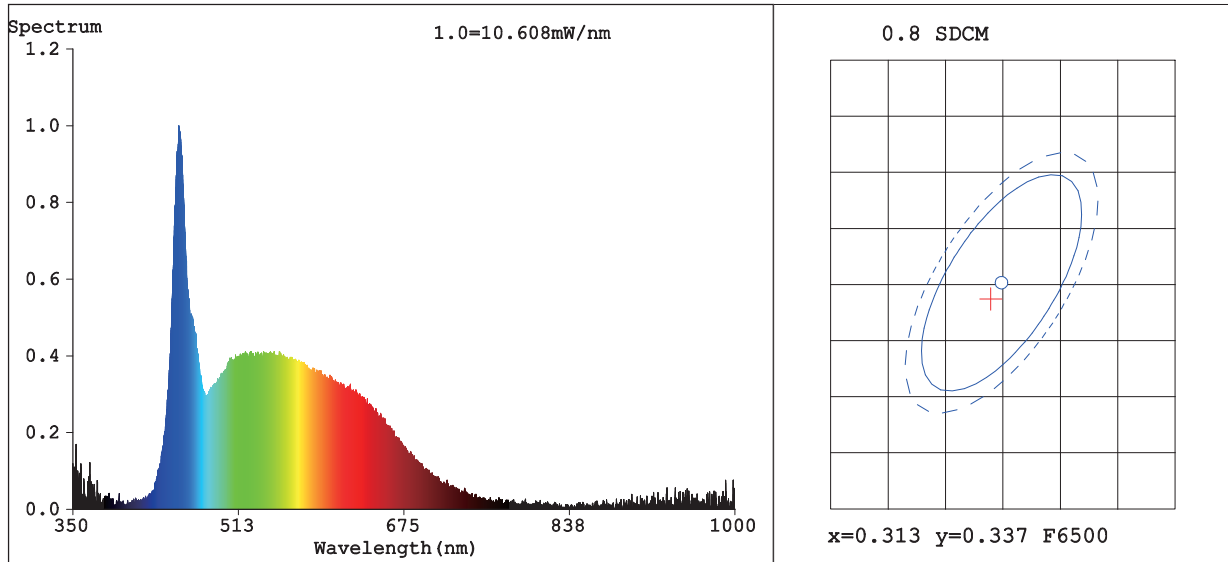
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 357 (1%)

Model: 128D 2835
 Tester:
 Temperature:Deg
 Manufacturer:

Number:2700K
 Date:2022-04-12 18:34:37
 Humidity:%
 Remarks:0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3120$ $y=0.3356$ $u'=0.1949$ $v'=0.4717$
 CCT=6491K(Duv=0.0069) Dominant WL:Ld =493.1nm WL:Lc = --nm Purity=7.1%
 Ratio:R=14.4% G=78.6% B=6.9% Peak WL:Lp=454.1nm FWHM=18.8nm
 Render Index:Ra=91.3 TM30:Rf=89 Rg=96

R1 =91	R2 =97	R3 =97	R4 =87	R5 =90	R6 =93	R7 =91	
R8 =84	R9 =60	R10=92	R11=89	R12=64	R13=93	R14=99	R15=88

Photo Parameters:

Flux = 286.8 lm Eff. : 120.22 lm/W Fe = 1.034 W

Electrical parameters:

V = 23.999 V I = 0.09940 A P = 2.386 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 522 (1%)

Model: 128D 2835
 Tester:
 Temperature:Deg
 Manufacturer:

Number:6500K
 Date:2022-04-12 18:34:19
 Humidity:%
 Remarks:0.5M