



## ErP LED STRIP SPECIFICATION

TW 24V 9.6W CRI90 2835 128LED/M IP20/65 F

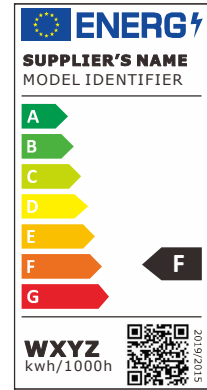
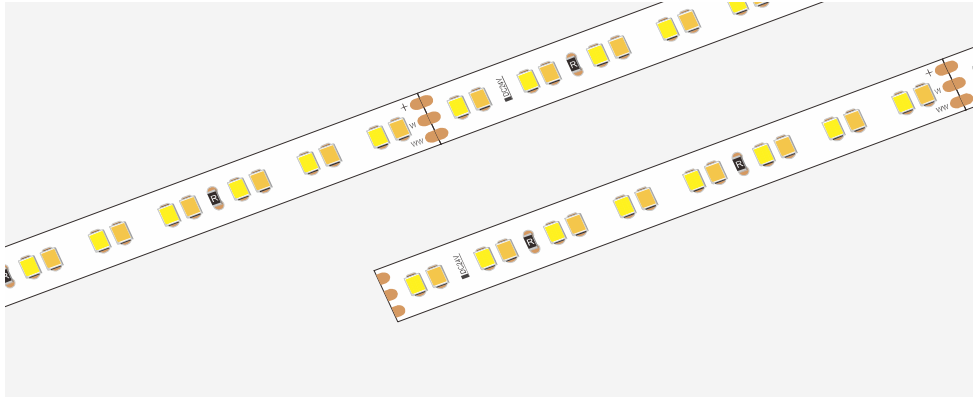


Note: LEDYI may change product specifications and installation guidance without prior notice.

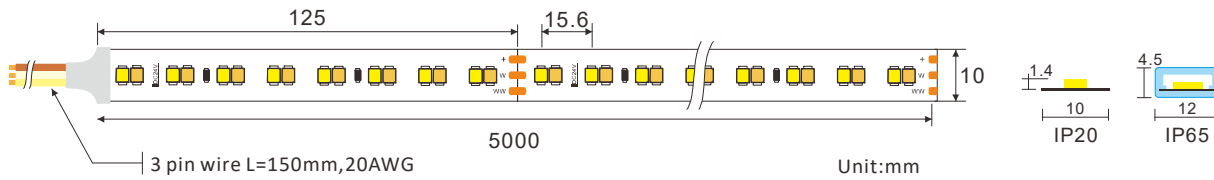
# TW 24V 9.6W CRI90 2835 128LED/M IP20/65 F



Part Number: LY128-S2835TW-W24-9.6W-Ra90-IP20-ErP  
 → IP20/IP65



## Dimensions & Waterproof



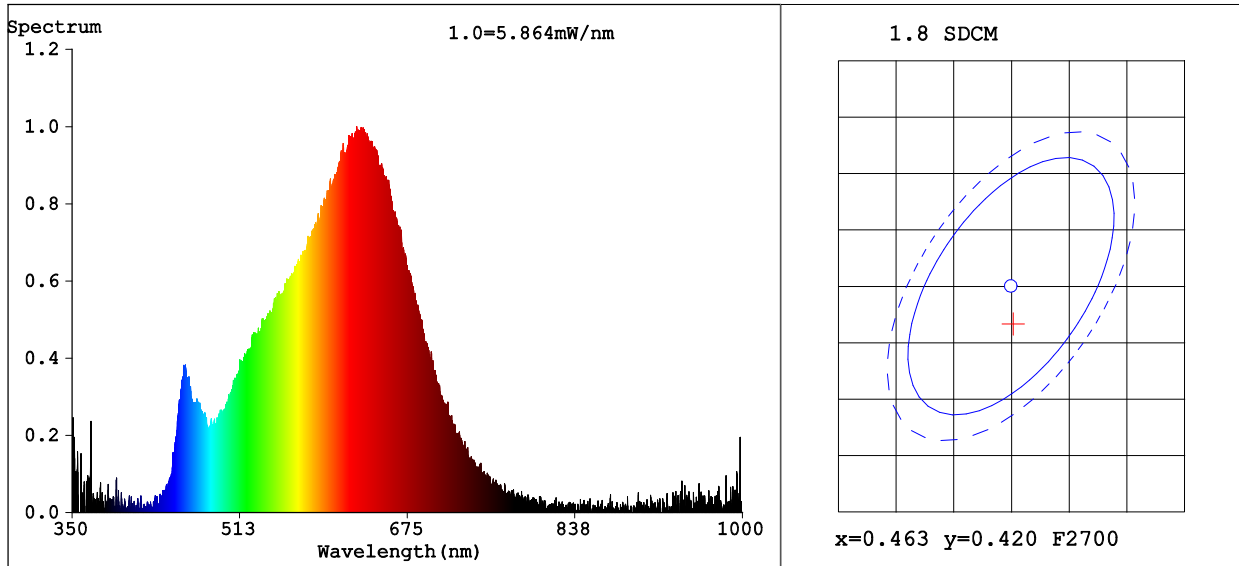
## Product Specification

|                     |              |                          |            |
|---------------------|--------------|--------------------------|------------|
| 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    | 259.20  | 518.40 | 108  | F                       | 20/65    |
| 6500K ONLY | 2.4    | 292.80  | 585.60 | 122  | F                       | 20/65    |

### Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate:  $x=0.4632$   $y=0.4166$   $u'=0.2619$   $v'=0.5301$

CCT=2701K(Duv=0.0019) Dominant WL:Ld =583.6nm Purity=64.1%

Ratio:R=26.5% G=70.9% B=2.6% Peak WL:Lp=626.1nm FWHM=148.3nm

Render Index:Ra=94.5

|        |        |         |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|
| R1 =95 | R2 =98 | R3 =100 | R4 =93 | R5 =94 | R6 =98 | R7 =93 |        |
| R8 =86 | R9 =70 | R10=94  | R11=94 | R12=81 | R13=96 | R14=99 | R15=91 |

#### Photo Parameters:

Flux = 258.0 lm Eff. : 108.70 lm/W Fe = 957.4 mW

#### Electrical parameters:

V = 23.999 V I = 0.09890 A P = 2.374 W PF = 1.000

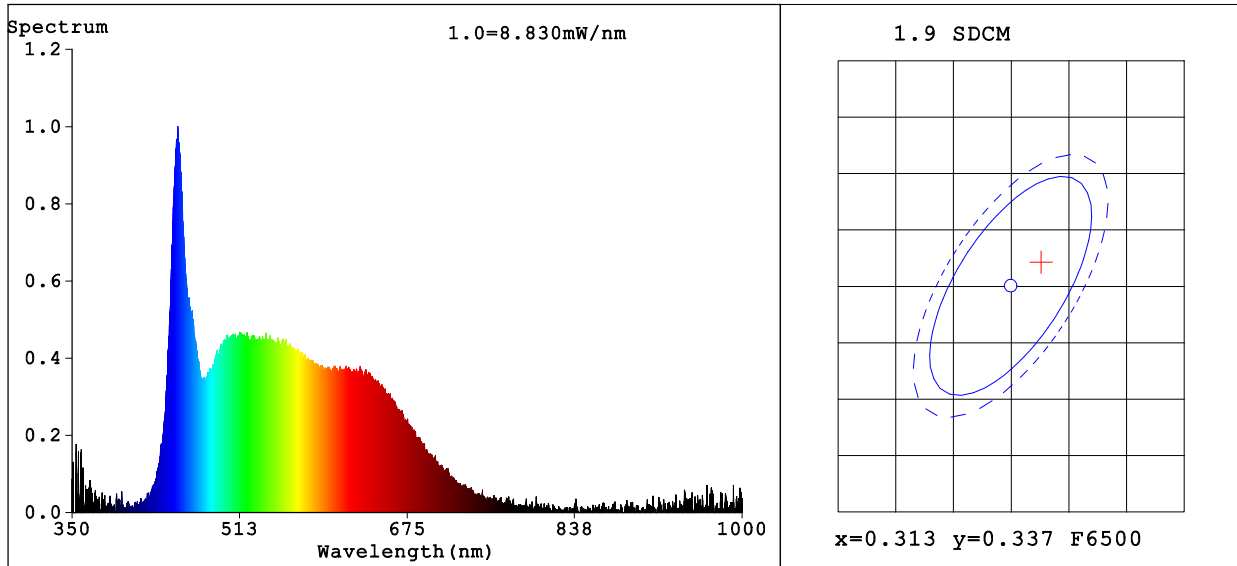
LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 100 ms Ip = 391 (1%)

Model:  
Tester:  
Temperature:Deg  
Manufacturer:

Number:2835 128LED 24V 2700K  
Date:2021-08-23 11:35:27  
Humidity:%  
Remarks:

### Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate: x=0.3156 y=0.3391/u'=0.1961 v'=0.4741

CCT=6290K(Duv=0.0069) Dominant WL:Ld =495,9nm Purity=5,7%

Ratio:R=15,2% G=77,8% B=7,0% Peak WL:Lp=452,4nm FWHM=22,5nm

Render Index:Ra=95,3

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =96 | R2 =98 | R3 =99 | R4 =93 | R5 =94 | R6 =96 | R7 =95 |        |
| R8 =92 | R9 =84 | R10=96 | R11=95 | R12=71 | R13=96 | R14=99 | R15=93 |

#### Photo Parameters:

Flux = 264,5 lm Eff. : 122,190 lm/W Fe = 986,40 mW

#### Electrical parameters:

V = 23.999 V I = 0.090200 A P = 2.165 W PF = 1.000

LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 100 ms Ip = 437 (1%)

Model:  
Tester:  
Temperature:Deg  
Manufacturer:

Number:2835 128LED 24V 6500K  
Date:2021-08-23 11:40:00  
Humidity:%  
Remarks: