



ErP LED STRIP SPECIFICATION

24V 14.4W CRI90 2835 192LED/M IP20/65 F



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

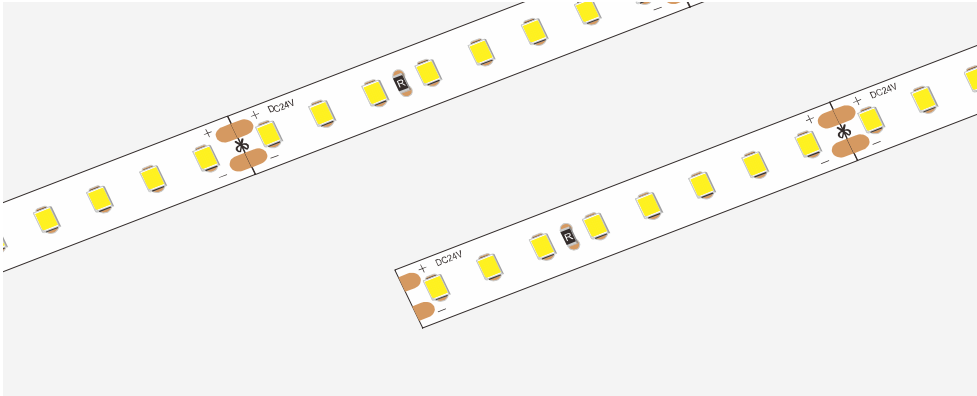
24V 14.4W CRI90 2835 192LED/M IP20/65 F



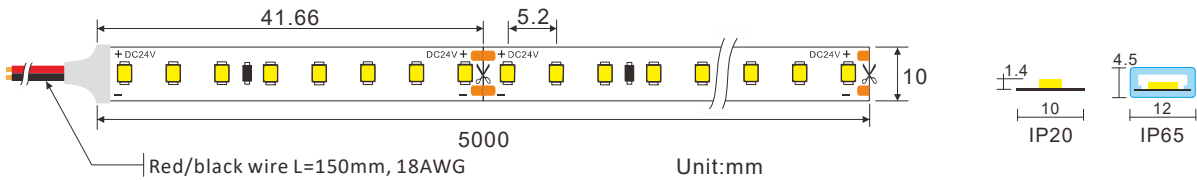
Part Number: LY192-S2835W27-W24-14.4W-Ra90-IP20-**ErP**

W27/W30/W40/W65

IP20/IP65



Dimensions & Waterproof



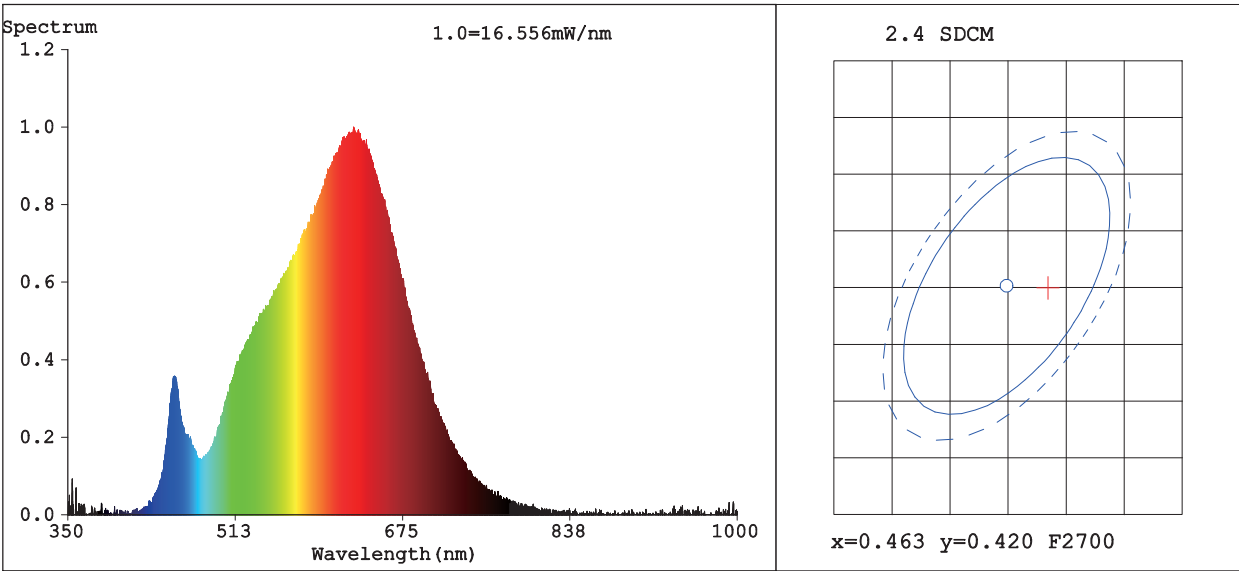
Product Specification

Max.Length	5000mm	Voltage(V)	DC24V
Chip Type	2835SMD	Power(W/m)	14.4W
Chip Density	192LEDs/m	Power(W/0.5m)	7.2W
Step Length	41.66mm/8LEDs	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	CRI	LM/0.5M	LM/M	LM/W	Energy Efficiency Class	IP Grade
2700K	90	799.20	1598.40	111	F	20/65
3000K	90	784.80	1569.60	109	F	20/65
4000K	90	820.80	1641.60	114	F	20/65
6500K	90	856.80	1713.60	119	F	20/65

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4666$ $y=0.4198$ $u'=0.2627$ $v'=0.5318$
CCT=2679K(Duv=0.0028) Dominant WL:Ld =583.4nm WL:Lc = --nm Purity=66.1%
Ratio:R=26.3% G=71.7% B=2.0% Peak WL:Lp=627.7nm FWHM=148.3nm
Render Index:Ra=91.6

R1 =92	R2 =94	R3 =95	R4 =92	R5 =90	R6 =93	R7 =94	
R1 =83	R9 =59	R10=85	R11=92	R12=75	R13=92	R14=96	R15=88

Photo Parameters:

Flux = 743.1 lm Eff. : 111.02 lm/W Fe = 2.628 W

Electrical parameters:

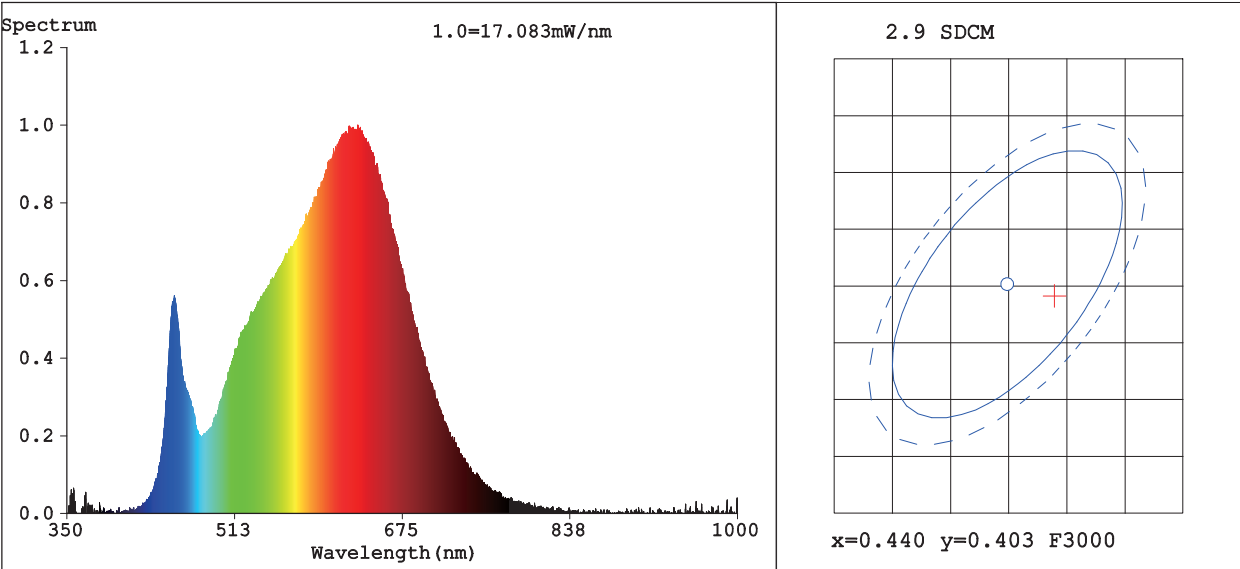
V = 23.998 V I = 0.2789 A P = 6.693 W PF = 1.000
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1071 (2%)

Model : 202-00124-00
Tester:
Temperature:Deg
Manufacturer :

Number:192D-2700K-25mA-IP20
Date:2022-03-18 13:37:51
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4441$ $y=0.4020$ $u'=0.2561$ $v'=0.5216$
CCT=2866K(Duv=-0.0017) Dominant WL:Ld =584.0nm WL:Lc = --nm Purity=54.0%
Ratio:R=25.3% G=72.0% B=2.7% Peak WL:Lp=632.0nm FWHM=157.5nm
Render Index:Ra=93.9

R1 =95	R2 =97	R3 =97	R4 =94	R5 =94	R6 =95	R7 =93	
R8 =86	R9 =70	R10=91	R11=94	R12=79	R13=95	R14=97	R15=92

Photo Parameters:

Flux = 804.7 lm Eff. : 109.69 lm/W Fe = 2.910 W

Electrical parameters:

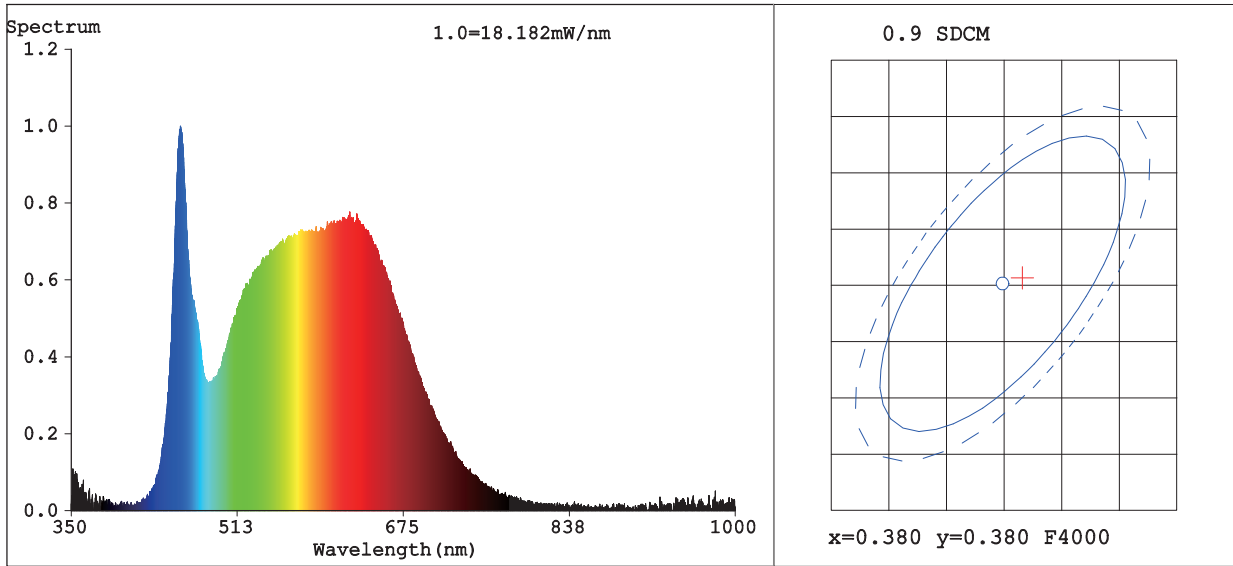
V = 23.998 V I = 0.3057 A P = 7.336 W PF = 1.000
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1110 (2%)

Model : 202-00103-00
Tester:
Temperature:Deg
Manufacturer :

Number:192D-3000K-25mA-IP20
Date:2022-03-18 13:38:58
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3817 y=0.3805/u'=0.2244 v'=0.5034
CCT=3994K(Duv=0.0014) Dominant WL:Ld =578.4nm WL:Lc = --nm Purity=28.7%
Ratio:R=19.6% G=76.1% B=4.3% Peak WL:Lp=456.9nm FWHM=23.9nm
Render Index:Ra=92.6

R1 =93	R2 =97	R3 =97	R4 =90	R5 =91	R6 =93	R7 =94	
R1 =88	R9 =72	R10=89	R11=89	R12=65	R13=94	R14=98	R15=91

Photo Parameters:

Flux = 869.6 lm Eff. : 114.23 lm/W Fe = 3.084 W

Electrical parameters:

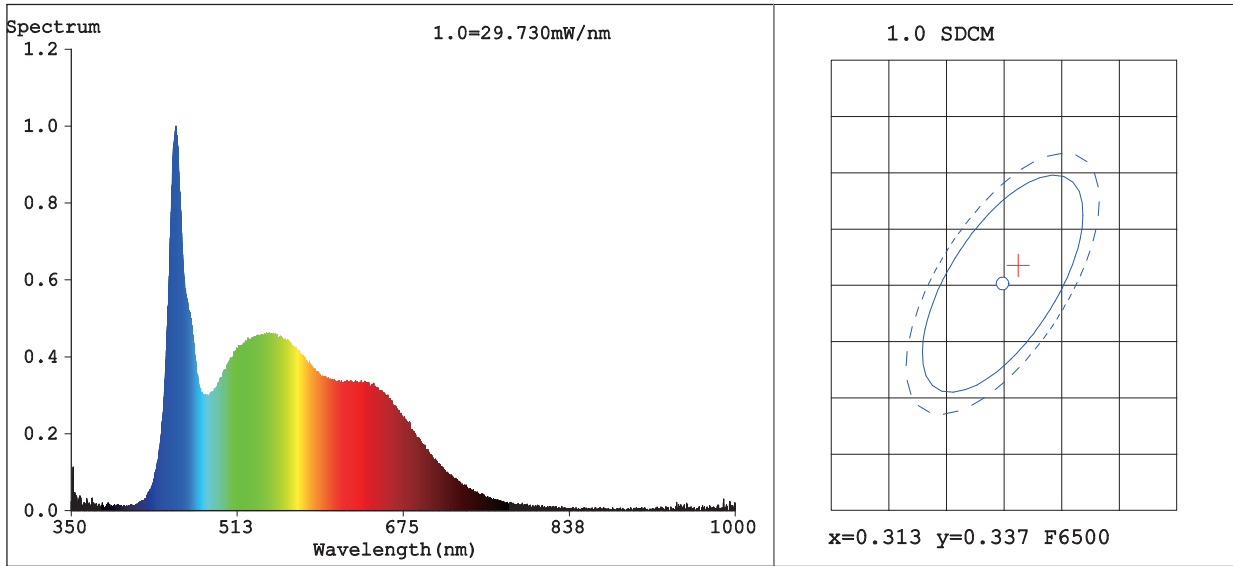
V = 23.998 V I = 0.3172 A P = 7.612 W PF = 1.000
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 100 ms Ip = 966 (1%)Model:202-00104-00

Model : 202-00104-00
Tester:
Temperature:Deg
Manufacturer :

Number:192D-4000K-25mA-IP20
Date:2022-03-18 13:40:05
Humidity:%Manufacturer:
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3143$ $y=0.3386$ / $u'=0.1954$ $v'=0.4736$
CCT=6356K(Duv=0.0073) Dominant WL:Ld =495.3nm WL:Lc = --nm Purity=6.1%
Ratio:R=14.4% G=79.3% B=6.3% Peak WL:Lp=452.4nm FWHM=22.9nm
Render Index:Ra=91.7

R1 =90	R2 =94	R3 =94	R4 =89	R5 =89	R6 =89	R7 =97	
R8 =91	R9 =74	R10=84	R11=88	R12=62	R13=91	R14=97	R15=90

Photo Parameters:

Flux = 873.5 lm Eff. : 119.69 lm/W Fe = 3.209 W

Electrical parameters:

V = 23.998 V I = 0.3041 A P = 7.298 W PF = 1.000
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 1418 (2%)Model:202-00486-00

Tester:
Temperature:Deg
Manufacturer:

Number:192D-6500K-25mA-IP20
Date:2022-03-18 13:40:54
Humidity:%
Remarks: