



ErP LED STRIP SPECIFICATION

24V 14.4W CRI80 2835 192LED/M IP20/65 D/E



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

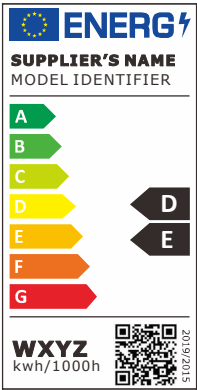
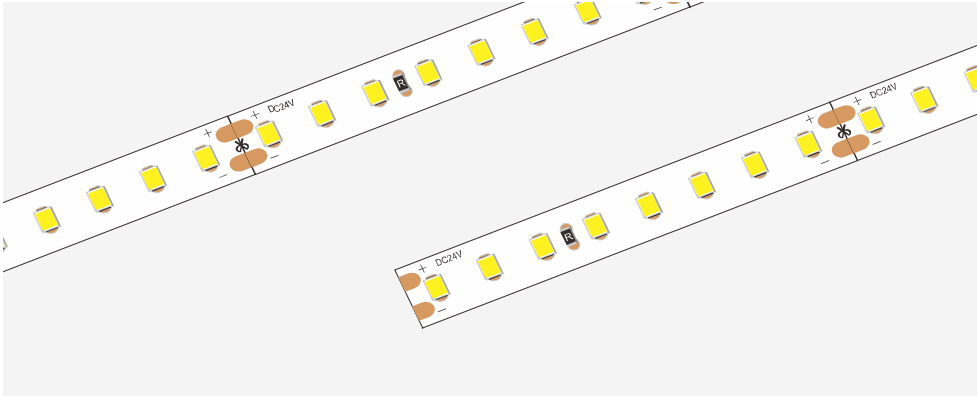
24V 14.4W CRI80 2835 192LED/M IP20/65 D/E



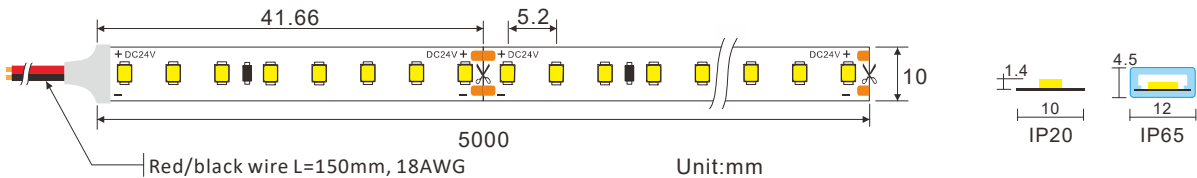
Part Number: LY192-S2835W27-W24-14.4W-Ra80-IP20-ErP

W27/W30/W40/W65

IP20/IP65



Dimensions & Waterproof



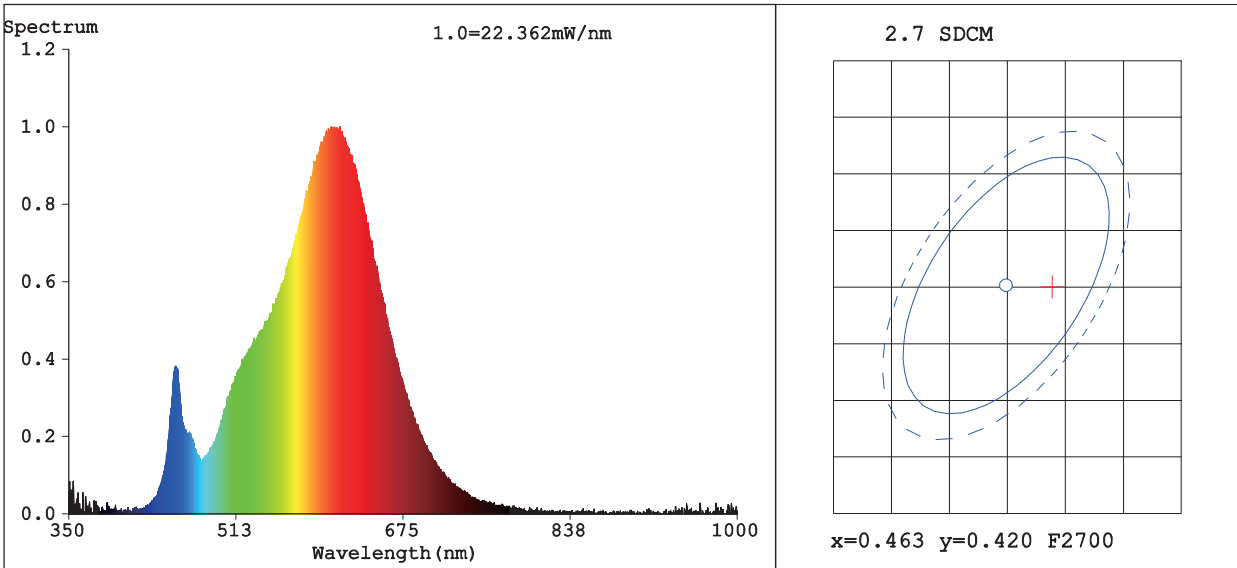
Product Specification

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	80	993.60	1987.20	138	E	20/65
3000K	80	993.60	1987.20	138	E	20/65
4000K	80	1080.00	2160.00	150	D	20/65
6500K	80	1051.20	2102.40	146	E	20/65

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4670$ $y=0.4199$ $u'=0.2629$ $v'=0.5319$
CCT=2674K(Duv=0.0028) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=66.2%
Ratio:R=25.3% G=72.7% B=2.0% Peak WL:Lp=613.7nm FWHM=116.3nm
Render Index:Ra=82.8

R1 =81	R2 =91	R3 =97	R4 =81	R5 =81	R6 =90	R7 =83	
R8 =58	R9 =8	R10=80	R11=80	R12=70	R13=83	R14=99	R15=73

Photo Parameters:

Flux = 1012 lm Eff. : 138.22 lm/W Fe = 3.111 W

Electrical parameters:

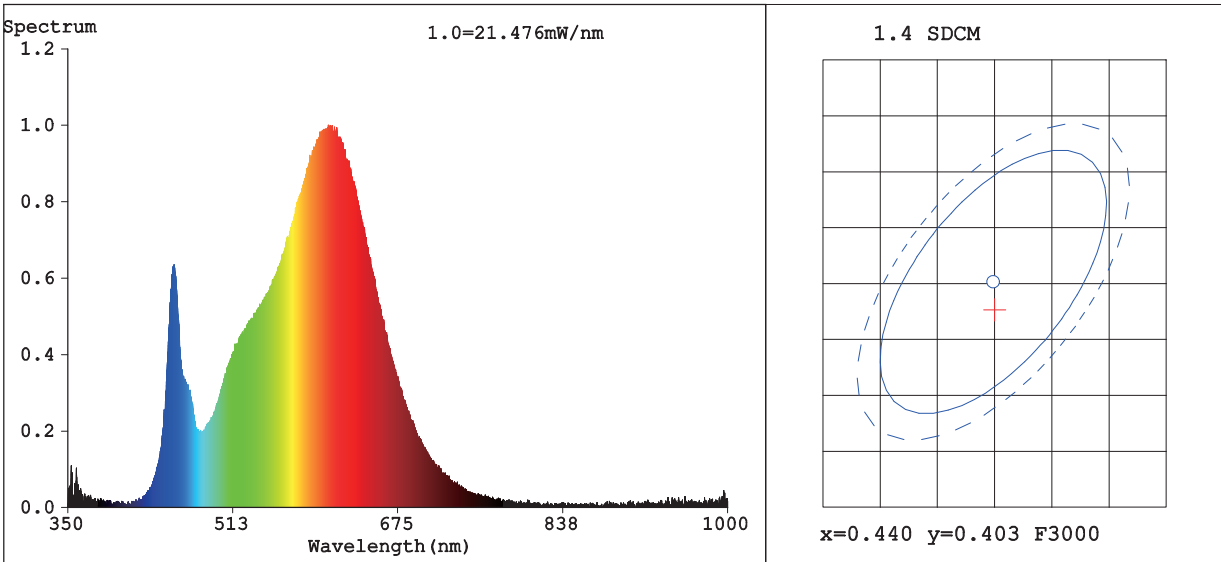
V = 23.998 V I = 0.3052 A P = 7.324 W PF = 1.000
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1517 (2%)

Model: 202-00488-00
Tester:
Temperature: Deg
Manufacturer:

Number: 192D-2700K-25mA-IP20
Date: 2022-03-18 13:47:20
Humidity: %
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4401 y=0.4005/u'=0.2542 v'=0.5204
CCT=2918K(Duv=-0.0018) Dominant WL:Ld =583.8nm WL:Lc = --nm Purity=52.3%
Ratio:R=24.0% G=73.3% B=2.7% Peak WL:Lp=606.7nm FWHM=125.0nm
Render Index:Ra=85.0

R1 =85	R2 =94	R3 =95	R4 =83	R5 =85	R6 =93	R7 =83	
R8 =63	R9 =19	R10=86	R11=83	R12=74	R13=87	R14=99	R15=78

Photo Parameters:

Flux = 1017 lm Eff. : 138.25 lm/W Fe = 3.213 W

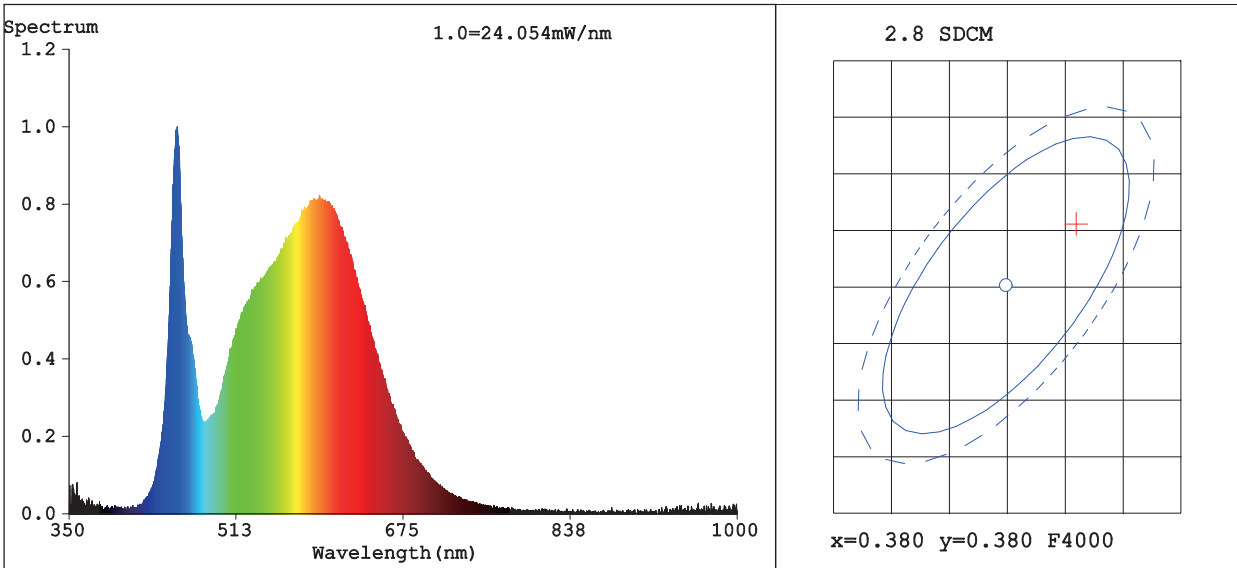
Electrical parameters:

V = 23.998 V I = 0.3066 A P = 7.358 W PF = 1.000
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 100 ms Ip = 1452 (2%)

Model : 202-00489-00	Number:192D-3000K-25mA-IP20
Tester:	Date:2022-03-18 13:48:14
Temperature:Deg	Humidity:%
Manufacturer :	Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3861$ $y=0.3855$ $u'=0.2253$ $v'=0.5062$
CCT=3916K(Duv=0.0024) Dominant WL:Ld =578.2nm WL:Lc = --nm Purity=31.6%
Ratio:R=18.4% G=78.1% B=3.5% Peak WL:Lp=455.5nm FWHM=17.2nm
Render Index:Ra=81.9

R1 =80	R2 =89	R3 =96	R4 =79	R5 =79	R6 =85	R7 =85	
R8 =62	R9 =4	R10=74	R11=77	R12=56	R13=83	R14=98	R15=74

Photo Parameters:

Flux = 1116 lm Eff. : 150.00 lm/W Fe = 3.361 W

Electrical parameters:

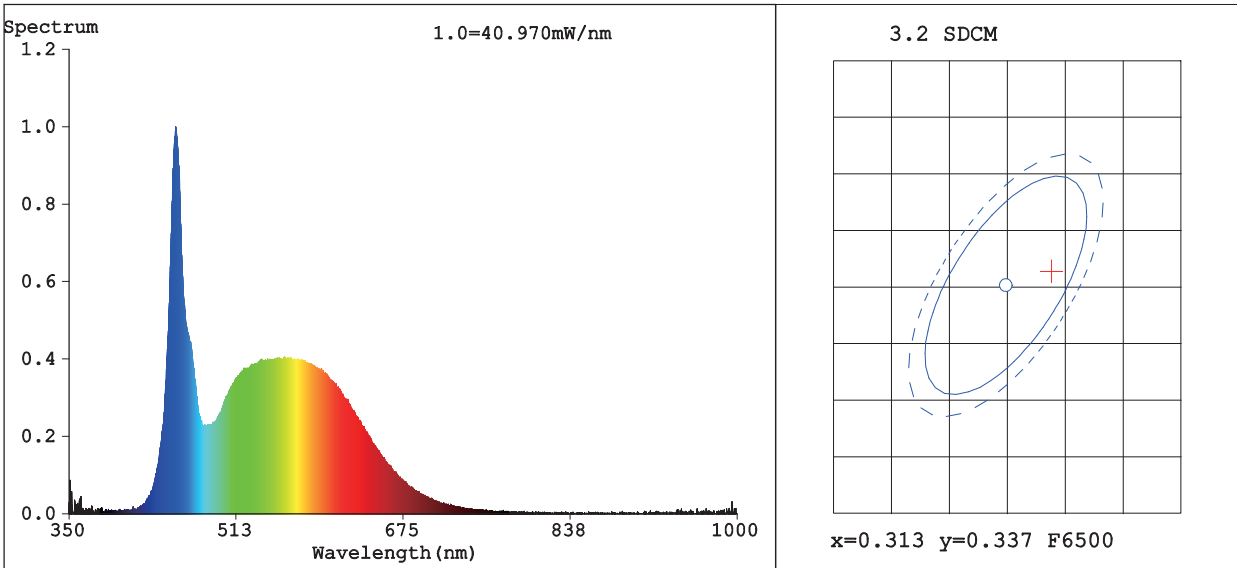
V = 23.998 V I = 0.3101 A P = 7.442 W PF = 1.000
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 100 ms Ip = 1380 (2%)

Model:202-00490-00
Tester:
Temperature:Deg
Manufacturer:

Number:192D-4000K-25mA-IP20
Date:2022-03-18 13:49:09
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3169$ $y=0.3383$ $u'=0.1973$ $v'=0.4738$
CCT=6228K(Duv=0.0058) Dominant WL:Ld =495.6nm WL:Lc = --nm Purity=5.3%
Ratio:R=13.8% G=80.3% B=5.9% Peak WL:Lp=453.8nm FWHM=16.4nm
Render Index:Ra=84.1

R1 =82	R2 =91	R3 =94	R4 =81	R5 =82	R6 =86	R7 =88	
R1 =70	R9 =12	R10=77	R11=80	R12=55	R13=85	R14=97	R15=77

Photo Parameters:

Flux = 1076 lm Eff. : 146.27 lm/W Fe = 3.465 W

Electrical parameters:

V = 23.998 V I = 0.3064 A P = 7.353 W PF = 1.000
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 2000 (3%)

Model:202-00491-00
Tester:
Temperature:Deg
Manufacturer:

Number:192D-6500K-25mA-IP20
Date:2022-03-18 13:49:59
Humidity:%
Remarks: