



ErP LED STRIP SPECIFICATION

24V 19.2W CRI80 2835 192LED/M IP20/65 D/E

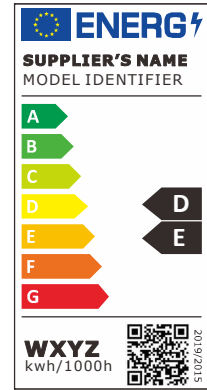
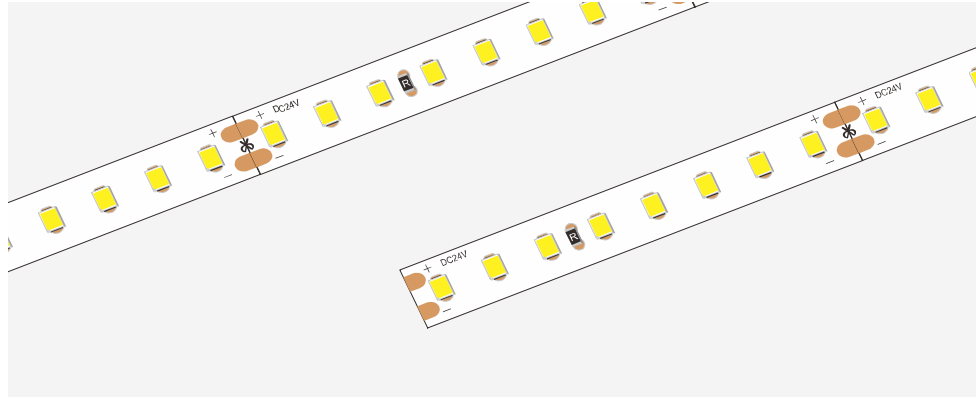


Note: LEDYI may change product specifications and installation guidance without prior notice.

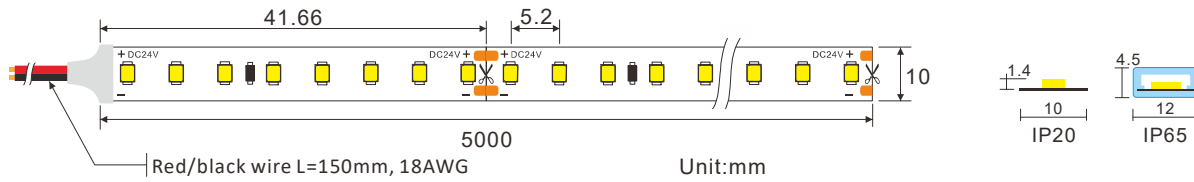
24V 19.2W CRI80 2835 192LED/M IP20/65 D/F



Part Number: LY192-S2835W27-W24-19.2W-Ra80-IP20-ErP
 W27/W30/W40/W65 IP20/IP65



Dimensions & Waterproof



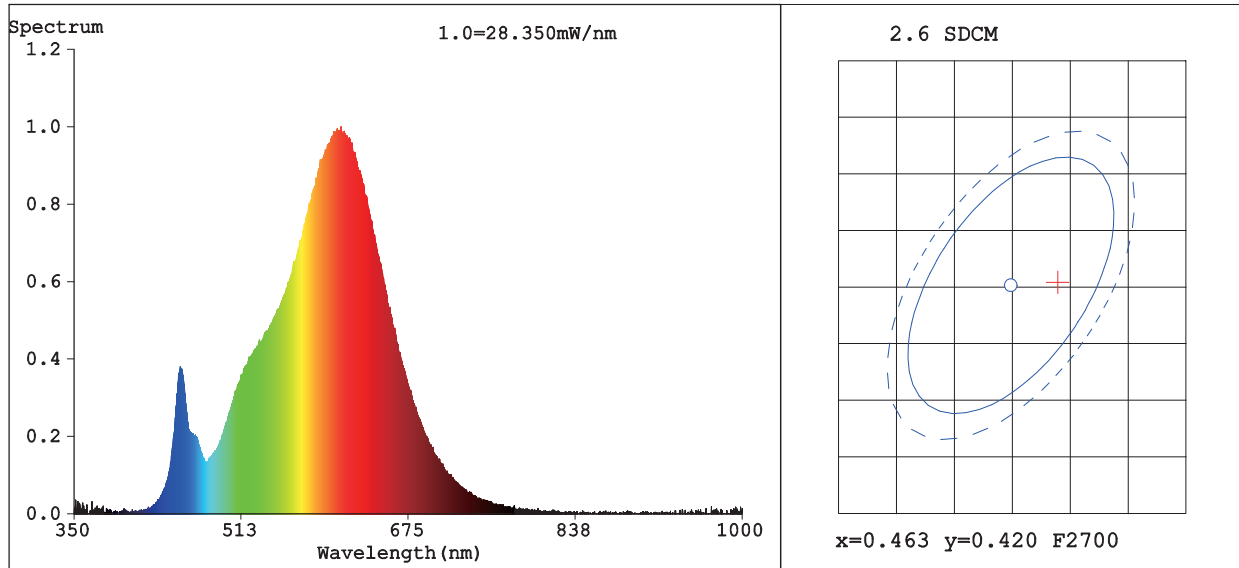
Product Specification

Max.Length	5000mm	Voltage(V)	DC24V
Chip Type	2835SMD	Power(W/m)	19.2W
Chip Density	192LEDs/m	Power(W/0.5m)	9.6W
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	1315.20	2630.40	137	E	20/65
3000K	90	1315.20	2630.40	137	E	20/65
4000K	90	1420.80	2841.60	148	D	20/65
6500K	90	1382.40	2764.80	144	E	20/65

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4671$ $y=0.4203$ $u'=0.2628$ $v'=0.5321$

CCT=2676K(Duv=0.0029) Dominant WL:Ld =583.4nm WL:Lc = --nm Purity=66.4%

Ratio:R=25.2% G=72.8% B=2.0% Peak WL:Lp=610.0nm FWHM=115.2nm

Render Index:Ra=82.6

R1 =81	R2 =91	R3 =97	R4 =81	R5 =81	R6 =90	R7 =83	
R8 =58	R9 =8	R10=79	R11=80	R12=70	R13=83	R14=99	R15=72

Photo Parameters:

Flux = 1274 lm Eff. : 137.85 lm/W Fe = 3.887 W

Electrical parameters:

V = 23.998 V I = 0.3850 A P = 9.239 W PF = 1.000

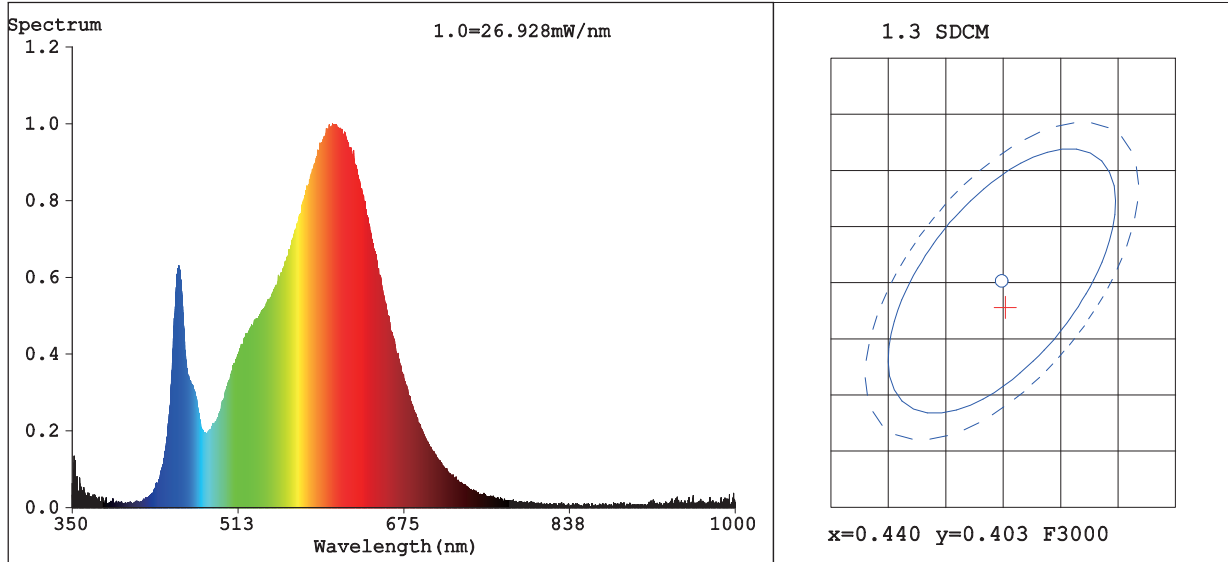
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1899 (3%)

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

Number:192D-2700K-33mA-IP20
 Date:2022-03-18 17:54:07
 Humidity:%
 Remarks:0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.4403 y=0.4007/u'=0.2542 v'=0.5205

CCT=2916K(Duv=-0.0018) Dominant WL:Ld =583.8nm WL:Lc = --nm Purity=52.4%

Ratio:R=24.0% G=73.3% B=2.7% Peak WL:Lp=605.1nm FWHM=125.6nm

Render Index:Ra=84.9

R1 =85	R2 =94	R3 =95	R4 =83	R5 =85	R6 =93	R7 =83		
R1 =63	R9 =18	R10=85	R11=83	R12=74	R13=87	R14=98	R15=78	

Photo Parameters:

Flux = 1278 lm Eff. : 137.65 lm/W Fe = 4.037 W

Electrical parameters:

V = 23.998 V I = 0.3869 A P = 9.285 W PF = 1.000

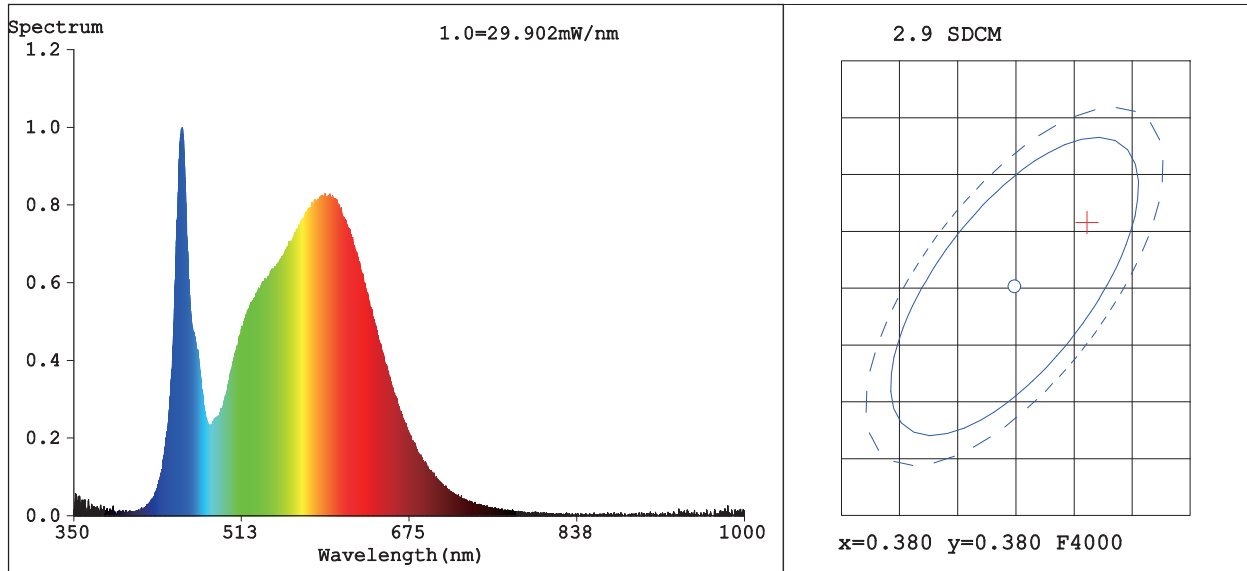
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 100 ms Ip = 1834 (3%)

Model : 202-00489-00
Tester:
Temperature:Deg
Manufacturer :

Number:192D-3000K-33mA-IP20
Date:2022-03-18 17:55:14
Humidity:%
Remarks:0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3863$ $y=0.3857/u'=0.2254$ $v'=0.5063$
 CCT=3913K(Duv=0.0025) Dominant WL:Ld =578.2nm WL:Lc = --nm Purity=31.7%
 Ratio:R=18.3% G=78.2% B=3.5% Peak WL:Lp=455.1nm FWHM=17.4nm
 Render Index:Ra=81.8

R1 =80	R2 =89	R3 =95	R4 =79	R5 =79	R6 =85	R7 =85		
R8 =62	R9 =4	R10=74	R11=77	R12=55	R13=82	R14=98	R15=73	

Photo Parameters:

Flux = 1407 lm Eff. : 148.75 lm/W Fe = 4.217 W

Electrical parameters:

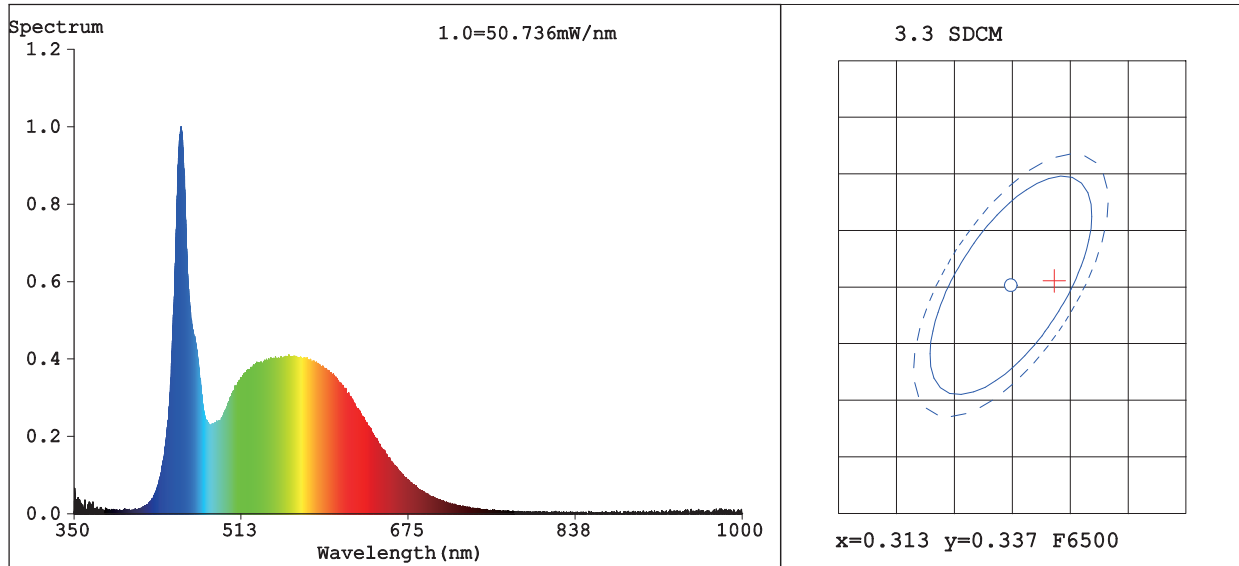
V = 23.998 V I = 0.3941 A P = 9.458 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 100 ms Ip = 1730 (3%)

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

Number:192D-4000K-33mA-IP20
 Date:2022-03-18 17:56:21
 Humidity:%Manufacturer:
 Remarks:0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3168 y=0.3374/u'=0.1975 v'=0.4733

CCT=6243K(Duv=0.0055) Dominant WL:Ld =494.9nm WL:Lc = --nm Purity=5.4%

Ratio:R=13.8% G=80.3% B=5.9% Peak WL:Lp=454.1nm FWHM=17.2nm

Render Index:Ra=84.3

R1 =83	R2 =91	R3 =94	R4 =81	R5 =82	R6 =86	R7 =88	
R8 =70	R9 =13	R10=77	R11=80	R12=56	R13=86	R14=97	R15=78

Photo Parameters:

Flux = 1348 lm Eff. : 144.83 lm/W Fe = 4.374 W

Electrical parameters:

V = 23.998 V I = 0.3878 A P = 9.306 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 2488 (4%)

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

Number:192D-6500K-33mA-IP20
 Date:2022-03-18 17:57:07
 Humidity:%
 Remarks:0.5M