



ErP LED STRIP SPECIFICATION

24V 19.2W CRI90 2835 192LED/M IP20/65 F



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

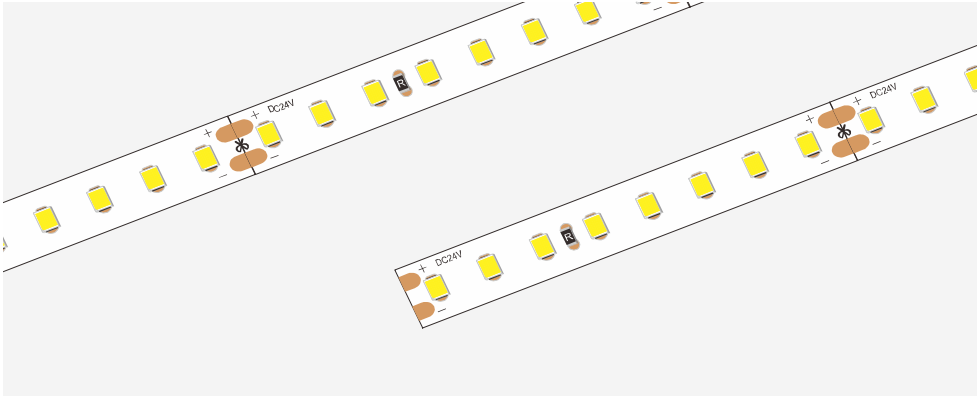
24V 19.2W CRI90 2835 192LED/M IP20/65 F



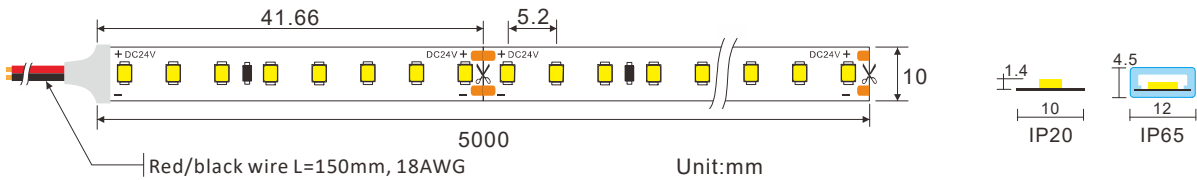
Part Number: LY192-S2835W27-W24-19.2W-Ra90-IP20-ErP

W27/W30/W40/W65

IP20/IP65



Dimensions & Waterproof



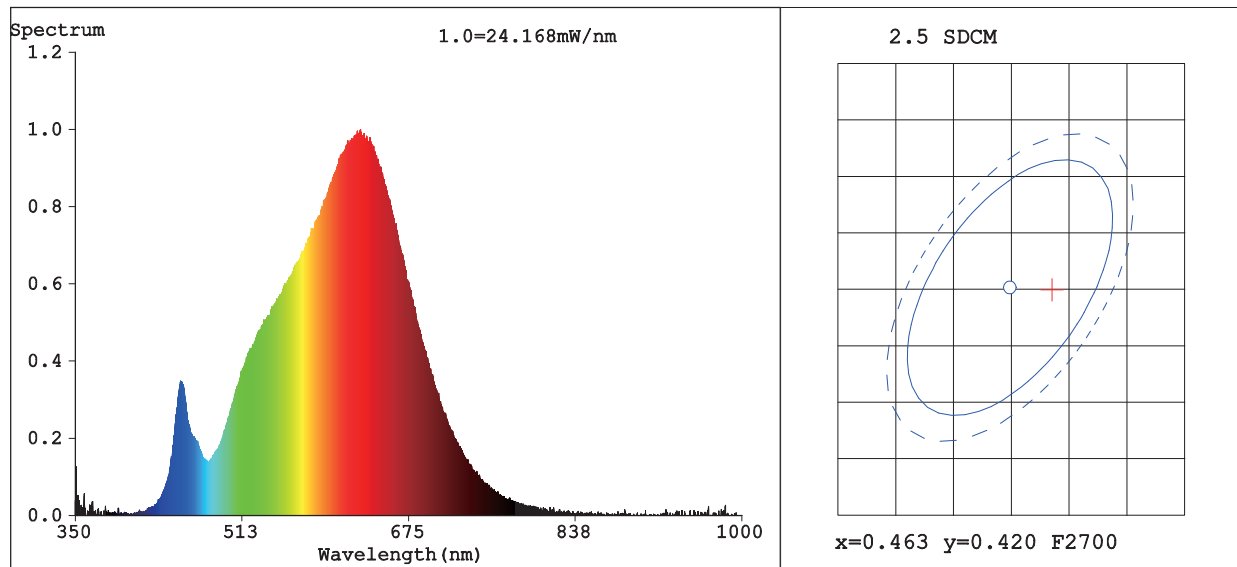
Product Specification

Max.Length	5000mm	Voltage(V)	DC24V
Chip Type	2835SMD	Power(W/m)	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	1036.80	2073.60	108	F	20/65
3000K	90	1027.20	2054.40	107	F	20/65
4000K	90	1056.00	2112.00	110	F	20/65
6500K	90	1123.20	2246.40	117	F	20/65

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4666$ $y=0.4198$ $u'=0.2627$ $v'=0.5318$

CCT=2678K(Duv=0.0028) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=66.1%

Ratio:R=26.3% G=71.7% B=2.0% Peak WL:Lp=628.1nm FWHM=150.6nm

Render Index:Ra=91.4

R1 =91	R2 =94	R3 =95	R4 =92	R5 =90	R6 =93	R7 =94
R8 =82	R9 =59	R10=85	R11=92	R12=75	R13=92	R14=96 R15=87

Photo Parameters:

Flux = 1091 lm Eff. : 108.97 lm/W Fe = 3.852 W

Electrical parameters:

V = 23.998 V I = 0.4171 A P = 10.01 W PF = 1.000

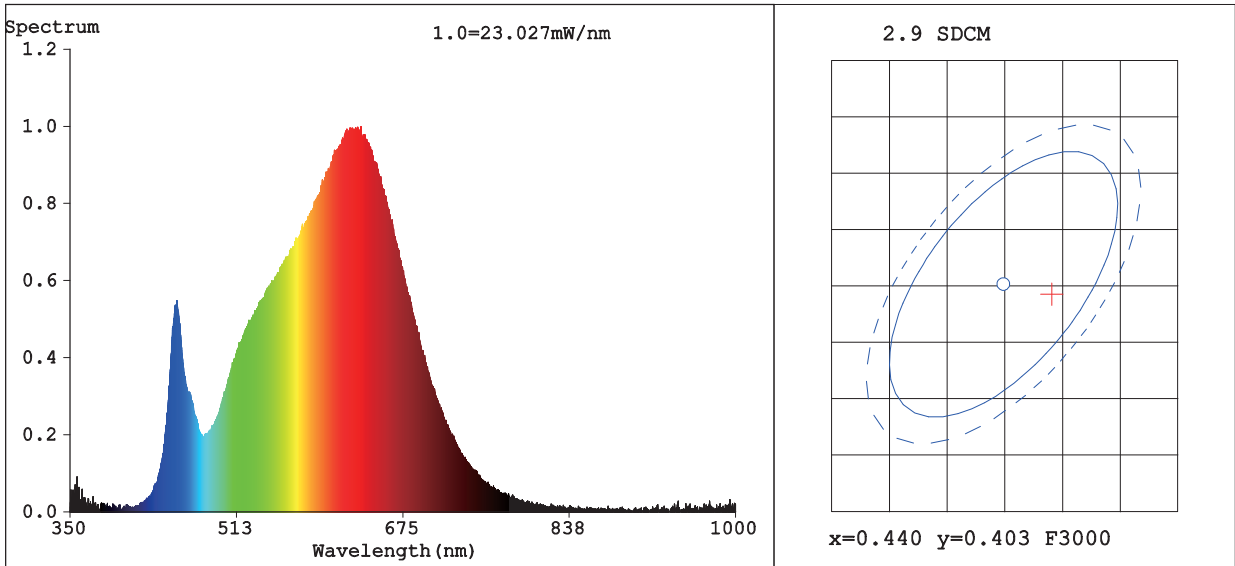
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1571 (2%)

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

Number:192D-2700K-33mA-IP20
Date:2022-03-18 13:42:20
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4442 y=0.4021/u'=0.2561 v'=0.5217
CCT=2865K(Duv=-0.0017) Dominant WL:Ld =584.0nm WL:Lc = --nm Purity=54.0%
Ratio:R=25.3% G=72.1% B=2.6% Peak WL:Lp=634.3nm FWHM=157.4nm
Render Index:Ra=93.7

R1 =94	R2 =97	R3 =97	R4 =93	R5 =93	R6 =95	R7 =94	
R8 =86	R9 =69	R10=91	R11=93	R12=79	R13=95	R14=97	R15=92

Photo Parameters:

Flux = 1085 lm Eff. : 107.89 lm/W Fe = 3.959 W

Electrical parameters:

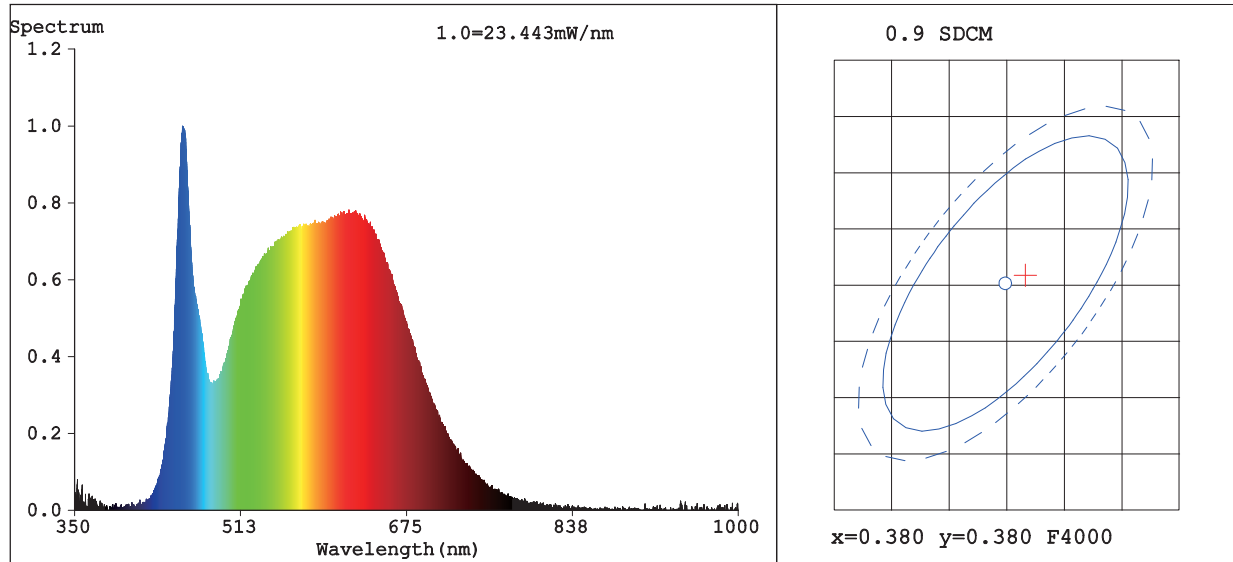
V = 23.998 V I = 0.4191 A P = 10.06 W PF = 1.000
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 100 ms Ip = 1496 (2%)

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

Number:192D-3000K-33mA-IP20
Date:2022-03-18 13:43:22
Humidity:%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3817$ $y=0.3808$ $u'=0.2244$ $v'=0.5035$

CCT=3995K(Duv=0.0015) Dominant WL:Ld =578.3nm WL:Lc = --nm Purity=28.8%

Ratio:R=19.5% G=76.3% B=4.2% Peak WL:Lp=455.9nm FWHM=24.1nm

Render Index:Ra=92.3

R1 =93	R2 =96	R3 =96	R4 =90	R5 =90	R6 =92	R7 =94
R8 =87	R9 =70	R10=88	R11=89	R12=65	R13=94	R14=98 R15=91

Photo Parameters:

Flux = 1150 lm Eff. : 110.35 lm/W Fe = 4.016 W

Electrical parameters:

V = 23.998 V I = 0.4343 A P = 10.42 W PF = 1.000

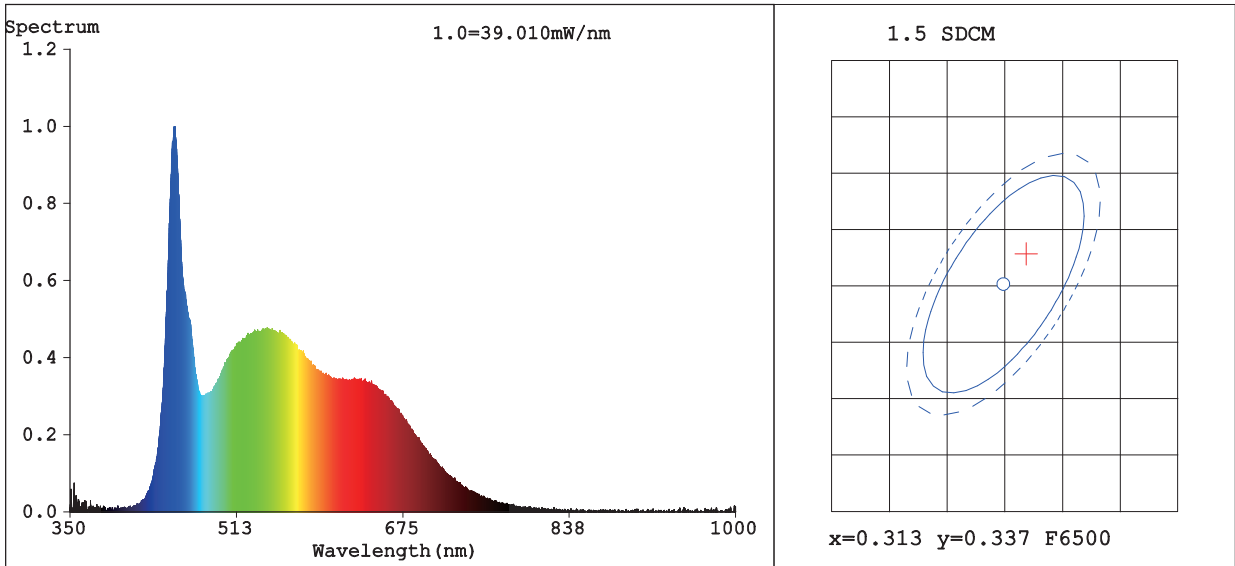
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 100 ms Ip = 1281 (2%)Model:202-00104-00

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

Number: 192D-4000K-33mA-IP20
Date: 2022-03-18 13:44:35
Humidity: %Manufacturer:
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3150 y=0.3397/u'=0.1954 v'=0.4743
CCT=6317K(Duv=0.0075) Dominant WL:Ld =496.2nm WL:Lc = --nm Purity=5.8%
Ratio:R=14.4% G=79.4% B=6.2% Peak WL:Lp=452.4nm FWHM=23.0nm
Render Index:Ra=91.4

R1 =90	R2 =93	R3 =94	R4 =90	R5 =89	R6 =89	R7 =97	
R8 =90	R9 =72	R10=83	R11=88	R12=63	R13=91	R14=97	R15=89

Photo Parameters:

Flux = 1175 lm Eff. : 117.75 lm/W Fe = 4.285 W

Electrical parameters:

V = 23.998 V I = 0.4157 A P = 9.976 W PF = 1.000
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 100 ms Ip = 1858 (3%)

Model : 202-00486-00
Tester:
Temperature:Deg
Manufacturer:

Number:192D-6500K-33mA-IP20
Date:2022-03-18 13:45:38
Humidity:%
Remarks: