

# LUMUL

## Flex Strip

PREMIUM



2835 120 LEDs



<b>MODEL NO</b>	FP-2835-120	<b>LEDs / m</b>	120
<b>INPUT VOLTAGE</b>	DC 24V	<b>SMD</b>	2835
<b>VOLTAGE TYPE</b>	CONSTANT VOLTAGE	<b>LED SPACING</b>	8.3MM
<b>POWER PER M</b>	24W	<b>LED PLACEMENT</b>	SINGLE
<b>MAX CURRENT / LED</b>	55mA	<b>CUTTING UNIT</b>	50MM
<b>BEAM ANGLE</b>	120°	<b>WORKING HOURS</b>	30000 HOURS
<b>BEAM DIRECTION</b>	TOP VIEW	<b>WORKING TEMPERATURE</b>	-25° TO 45°C
<b>CRI (Ra)</b>	90	<b>FPC WIDTH</b>	10MM
<b>WAVELENGTH / TEMPERATURE</b>		<b>FPC THICKNESS</b>	3OZ
<b>2700K</b>	1913 LM/M	<b>FPC TYPE</b>	STRAIGHT
<b>3000K</b>	1927 LM/M	<b>MAX LENGTH</b>	8M (1 FEED)
<b>4000K</b>	2123 LM/M		16M (2 FEEDS)
<b>6000K</b>	2229 LM/M	<b>IP OPTIONS</b>	IP20, IP65, IP67, IP68
<b>MAX LUMEN EFFICIENCY</b>	93 LM/W	<b>WARRANTY</b>	5 YEARS

Also available in 60, 64, 80, 128, 160 and 240 LEDs per meter.

2835 120 LEDs

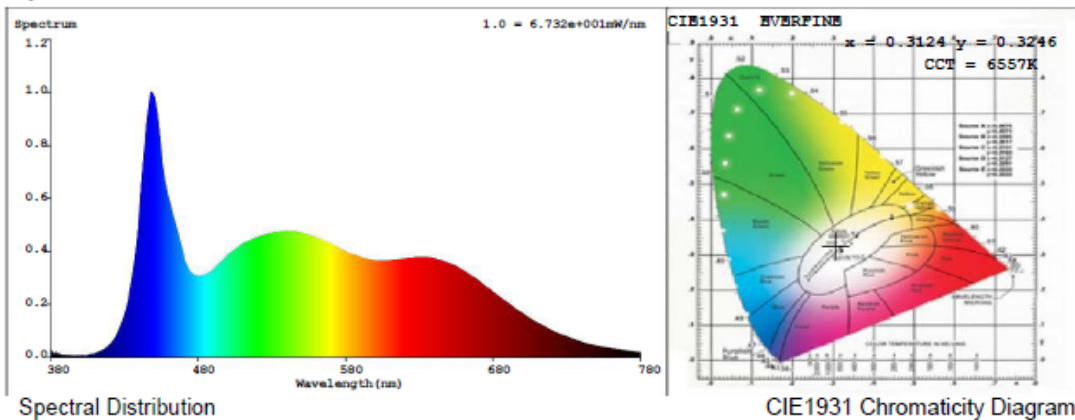
### Spectrum Test Report

Sample	:	Date	: 2018-11-18 09:19:30
Specification	: 24V 2535 120 6000K IP20	Sam. Status	:
Sample No.	: 7	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	:

#### Test Condition

Temperature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 7630 (12%)
Test Mode	: Accuracy Test	T	: 10 ms
		Sensitivity	: High

#### Spectrum



#### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3124$   $y = 0.3246$  /  $u' = 0.1993$   $v' = 0.4659$  ( $duv=1.05e-03$ )  
 CCT= 6557K Prcp WL: Ld=486.2nm Purity=7.7%  
 Peak WL: Lp=448nm FWHM: =25.1nm Ratio:R=15.3% G=78.4% B=6.3%

Render Index: Ra = 94.5

R1 =96 R2 =95 R3 =90 R4 =95 R5 =95 R6 =90 R7 =96  
 R8 =98 R9 =97 R10=86 R11=94 R12=71 R13=96 R14=94 R15=98

LEVEL:OUT WHITE:ANSI\_6500K

#### Photometric & Radiometric Parameters

Flux = 2062.8 lm Eff. : 86.38 lm/W Fe = 7.7728 W  
 Photons1:9.073e+000 umol/s(400~500nm) Photons2:1.146e+001 umol/s(600~700nm)

#### Electrical parameters

V = 24.00 V I = 0.9950 A P = 23.88 W PF = 1.000