

# LUMUL

## Flex Strip

PREMIUM



### 2835 60 LEDs S STRIP



<b>MODEL NO</b>	FP-2835-60-S	<b>LEDs / m</b>	60
<b>INPUT VOLTAGE</b>	DC 24V	<b>SMD</b>	2835
<b>VOLTAGE TYPE</b>	CONSTANT VOLTAGE	<b>LED SPACING</b>	14.2MM
<b>POWER PER M</b>	11.7W	<b>LED PLACEMENT</b>	SINGLE
<b>MAX CURRENT / LED</b>	55mA	<b>CUTTING UNIT</b>	100MM
<b>BEAM ANGLE</b>	120°	<b>L70 (70% OF ORIGINAL BRIGHTNESS)</b>	50000 HOURS
<b>BEAM DIRECTION</b>	TOP VIEW	<b>WORKING TEMPERATURE</b>	-25° TO 45°C
<b>CRI (RA)</b>	90	<b>FPC WIDTH</b>	8MM
<b>WAVELENGTH / TEMPERATURE</b>	N/A	<b>FPC THICKNESS</b>	2OZ
<b>BRIGHTNESS</b>		<b>FPC TYPE</b>	S-STRIP
<b>2700K</b>	774 LM/M	<b>MAX LENGTH</b>	8M (1 FEED)
<b>3000K</b>	774 LM/M		16M (2 FEEDS)
<b>4000K</b>	853 LM/M	<b>IP OPTIONS</b>	IP20
<b>6000K</b>	895 LM/M	<b>WARRANTY</b>	5 YEARS (OPTIONAL 2 YRS)
<b>LUMEN EFFICIENCY</b>	76 LM/W		

The S-Strip is only available in IP20 and can be twisted and bent on both axis to achieve a 90° bend, gentle curves.

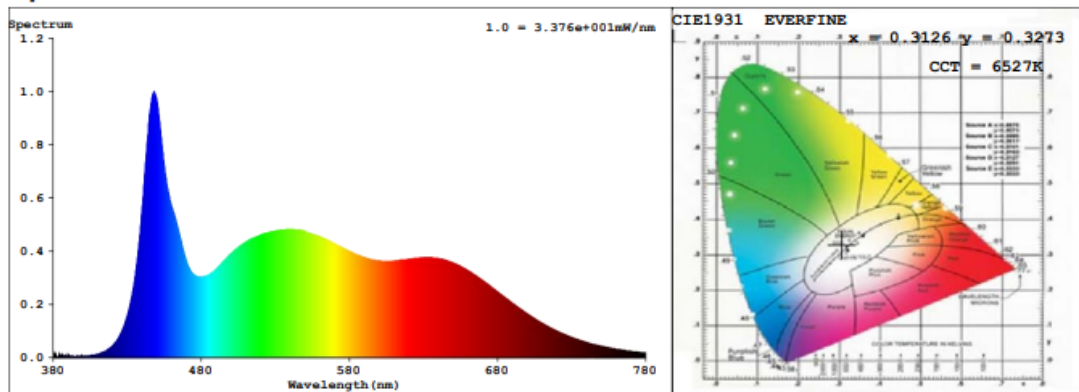
### Spectrum Test Report

Sample	:		Date	:	2018-11-18 09:48:42
Specification	:	24V 2835 60 6000K S IP20	Sam. Status	:	
Sample No.	:	13	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
			Assessor	:	

#### Test Condition

Temperature	:	25Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	3853 (6%)
Test Mode	:	Accuracy Test	T	:	10 ms
			Sensitivity	:	High

#### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

#### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3126$   $y = 0.3273$  /  $u' = 0.1984$   $v' = 0.4674$  ( $duv=2.37e-03$ )

CCT= 6527K Prcp WL:  $L_d=487.9nm$  Purity=7.5%

Peak WL:  $L_p=448nm$  FWHM:  $\approx 24.3nm$  Ratio:R=15.1% G=78.7% B=6.2%

Render Index:  $R_a = 93.8$

R1 =95 R2 =94 R3 =90 R4 =95 R5 =95 R6 =89 R7 =96

R8 =97 R9 =94 R10=84 R11=93 R12=71 R13=95 R14=94 R15=97

LEVEL:OUT WHITE:ANSI\_6500K

#### Photometric & Radiometric Parameters

Flux = 1042.2 lm Eff. : 88.81 lm/W  $F_e = 3.9030 W$

Photons1:4.510e+000 umol/s(400~500nm) Photons2:5.754e+000 umol/s(600~700nm)

#### Electrical parameters

V = 24.00 V I = 0.4890 A P = 11.74 W PF = 1.000