

# LUMUL

## Flex Strip

PREMIUM



2216 420 LEDs



<b>MODEL NO</b>	FP-2216-420	<b>LEDs / m</b>	420
<b>INPUT VOLTAGE</b>	DC 24V	<b>SMD</b>	2216
<b>VOLTAGE TYPE</b>	CONSTANT VOLTAGE	<b>LED SPACING</b>	8.3MM
<b>POWER PER M</b>	24.4W	<b>LED PLACEMENT</b>	SINGLE
<b>MAX CURRENT / LED</b>	18.6mA	<b>CUTTING UNIT</b>	14.28MM
<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>	2681 LM/M	<b>FPC TYPE</b>	STRAIGHT
<b>3000K</b>	2681 LM/M	<b>MAX LENGTH</b>	8M (1 FEED)
<b>4000K</b>	2734 LM/M		16M (2 FEEDS)
<b>6000K</b>	2852 LM/M	<b>IP OPTIONS</b>	IP20, IP65, IP67, IP68
<b>MAX LUMEN EFFICIENCY</b>	117 LM/W	<b>WARRANTY</b>	5 YEARS

Also available in 120, 180, 240 and 300 LEDs per meter.

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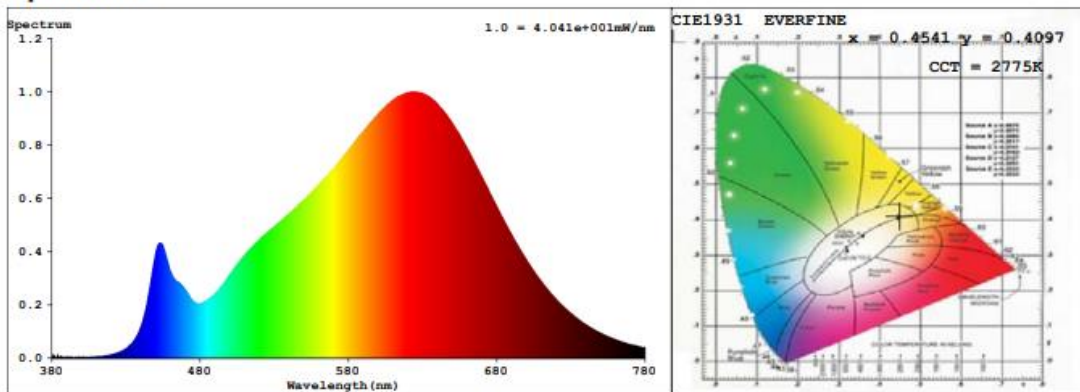
### Spectrum Test Report

Sample :	Date :	2018-11-18 09:55:37
Specification : 24V 2216 420 3000K IP20	Sam. Status :	
Sample No. : 16	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	

#### Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 10105 (15%)
Test Mode : Accuracy Test	T : 10 ms
	Sensitivity : High

#### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

#### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4541$   $y = 0.4097$  /  $u' = 0.2592$   $v' = 0.5261$  ( $duv=1.74e-04$ )

CCT= 2775K Prcp WL: Ld=583.8nm Purity=59.3%

Peak WL: Lp=622nm FWHM: =154.9nm Ratio:R=25.6% G=71.8% B=2.6%

Render Index: Ra = 92.0

R1 =92 R2 =96 R3 =99 R4 =91 R5 =91 R6 =95 R7 =91

R8 =80 R9 =58 R10=90 R11=91 R12=80 R13=93 R14=99 R15=88

LEVEL:OUT WHITE:ANSI\_2700K

#### Photometric & Radiometric Parameters

Flux = 1927.3 lm Eff. : 78.88 lm/W Fe = 6.8485 W

Photons1:2.722e+000 umol/s(400~500nm) Photons2:1.724e+001 umol/s(600~700nm)

#### Electrical parameters

V = 24.00 V I = 1.018 A P = 24.43 W PF = 1.000