LUMUL

Flex Strip

PREMIUM

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2216 240 LEDs NARROW STRIP

MODEL NO	FP-2216-240	**LEDS / M**	240
INPUT VOLTAGE	DC 24V	**SMD**	2216
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	4.16MM
POWER PER M	10.2W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	17.8MA	**CUTTING UNIT**	25MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	5MM
WAVELENGTH / TEMPERATURE	2700K, 3000K, 4000K, 6000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2700K	1523 LM/M	**MAX LENGTH**	8M (1 FEED)
3000K	1523 LM/M		16M (2 FEEDS)
4000K	1553 LM/M	**IP OPTIONS**	IP20, IP65, IP67, IP68
6000K	1620 LM/M		
MAX LUMEN EFFICIENCY	159 LM/W	**WARRANTY**	5 YEARS

Only available in a 240 LEDs per meter configuration.

www.lumul.co.za
www.neonflex.co.za
083-349-8453
enquiries@lumul.co.za

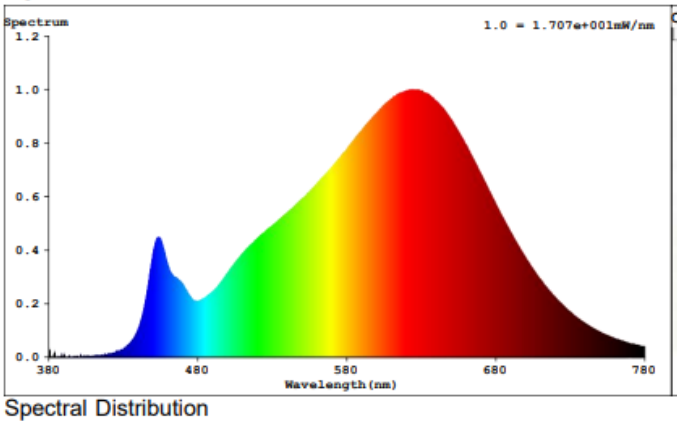
Spectrum Test Report

Sample	:	Date	: 2018-11-18 09:04:57
Specification	: 24V 2216 240 3000K IP20	Sam. Status	:
Sample No.	: 3	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: STRIP FIRST	Test by	: DAMIN
		Assessor	: damin

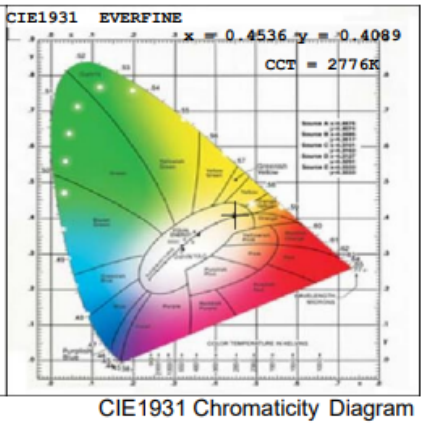
Test Condition

Temprature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 4271 (7%)
Test Mode	: Accuracy Test	T	: 10 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4536 y = 0.4089 / u' = 0.2592 v' = 0.5258 (duv=-8.20e-05)

CCT= 2776K Prcp WL: Ld=583.9nm Purity=58.9%

Peak WL: Lp=624nm FWHM: =154.9nm Ratio:R=25.6% G=71.7% B=2.6%

Render Index: Ra = 92.3

R1 =92	R2 =97	R3 =99	R4 =91	R5 =92	R6 =96	R7 =91	
R8 =81	R9 =59	R10=91	R11=92	R12=80	R13=93	R14=99	R15=88

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 812.33 lm Eff. : 79.75 lm/W Fe = 2.8975 W

Photons1:1.163e+000 umol/s(400~500nm) Photons2:7.305e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.4244 A P = 10.19 W PF = 1.000

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