

LUMUL

Flex Strip

PREMIUM



5050 60 LEDs RGB



MODEL NO	FP-5050-60-xx-RGB	LEDs / m	60
INPUT VOLTAGE	DC 24V	SMD	5050 RGB
VOLTAGE TYPE	CONSTANT VOLTAGE	LED SPACING	16.6MM
POWER PER M	13.2W	LED PLACEMENT	SINGLE
MAX CURRENT / LED	43.5mA	CUTTING UNIT	100MM
BEAM ANGLE	120°	L70 (70% OF ORIGINAL BRIGHTNESS)	30000 HOURS
BEAM DIRECTION	TOP VIEW	WORKING TEMPERATURE	-25° TO 45°C
CRI (RA)	N/A	FPC WIDTH	8MM
WAVELENGTH / TEMPERATURE	RED: 620-630NM GREEN: 520-530NM BLUE: 465-475NM	FPC THICKNESS	3OZ
BRIGHTNESS	2700K	FPC TYPE	STRAIGHT
	3000K	MAX LENGTH	8M (1 FEED)
	4000K		16M (2 FEEDS)
	6000K	IP OPTIONS	IP20, IP65, IP67, IP68
LUMEN EFFICIENCY	N/A	WARRANTY	5 YEARS (OPTIONAL 2 YRS)

Only available in a 60 led configuration.

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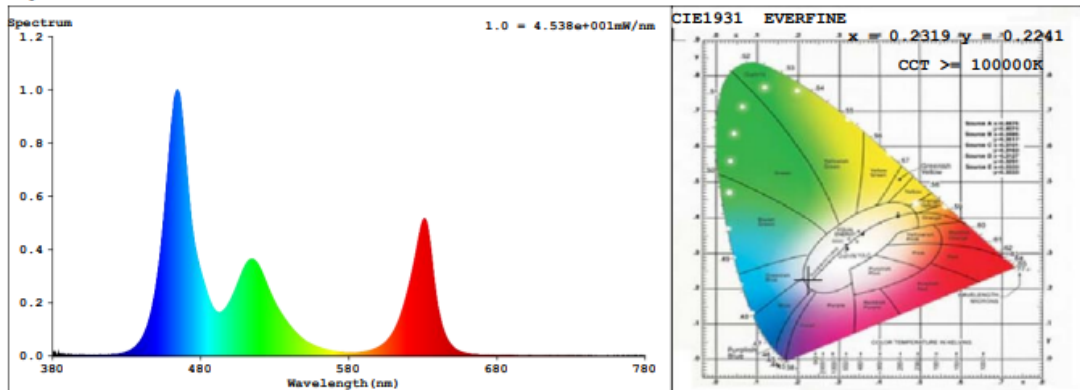
Spectrum Test Report

Sample	:	Date	: 2018-11-18 10:23:17
Specification	: 24V 5050 60 RGB IP20	Sam. Status	:
Sample No.	: 25	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	:

Test Condition

Temperature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 5806 (9%)
Test Mode	: Accuracy Test	T	: 10 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2319$ $y = 0.2241$ / $u' = 0.1775$ $v' = 0.3859$ ($duv=9.21e-03$)

CCT>=100000K Prop WL: Ld=475.5nm Purity=45.0%

Peak WL: Lp=464nm FWHM: =19.1nm Ratio:R=22.7% G=60.9% B=16.5%

Render Index: Ra = 36.7

R1 =20 R2 =39 R3 =53 R4 =47 R5 =44 R6 =39 R7 =51

R8 =0 R9 =0 R10=0 R11=41 R12=46 R13=19 R14=70 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 441.70 lm Eff. : 33.46 lm/W Fe = 2.2136 W

Photons1:4.460e+000 umol/s(400~500nm) Photons2:2.617e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.5500 A P = 13.20 W PF = 1.000