

LUMUL

Flex Strip

PREMIUM



3014 120 LEDs



MODEL NO	FP-3014-120	LEDs / m	120
INPUT VOLTAGE	DC 24V	SMD	3014
VOLTAGE TYPE	CONSTANT VOLTAGE	LED SPACING	8.3MM
POWER PER M	10.5W	LED PLACEMENT	SINGLE
MAX CURRENT / LED	43.5mA	CUTTING UNIT	50MM
BEAM ANGLE	120°	L70 (70% OF ORIGINAL BRIGHTNESS)	50000 HOURS
BEAM DIRECTION	TOP VIEW	WORKING TEMPERATURE	-25° TO 45°C
CRI (RA)	90	FPC WIDTH	8MM
WAVELENGTH / TEMPERATURE	N/A	FPC THICKNESS	3OZ
BRIGHTNESS		FPC TYPE	STRAIGHT
2700K	942 LM/M	MAX LENGTH	8M (1 FEED)
3000K	998 LM/M		16M (2 FEEDS)
4000K	1057 LM/M	IP OPTIONS	IP20, IP65, IP67, IP68
6000K	1108 LM/M	WARRANTY	5 YEARS (OPTIONAL 2 YRS)
LUMEN EFFICIENCY	106 W/M		

COLOURS: 2700K, 3000K, 3200K, 4000K, 5000K, 6000K, 9000K
RED, GREEN, BLUE, YELLOW, ORANGE

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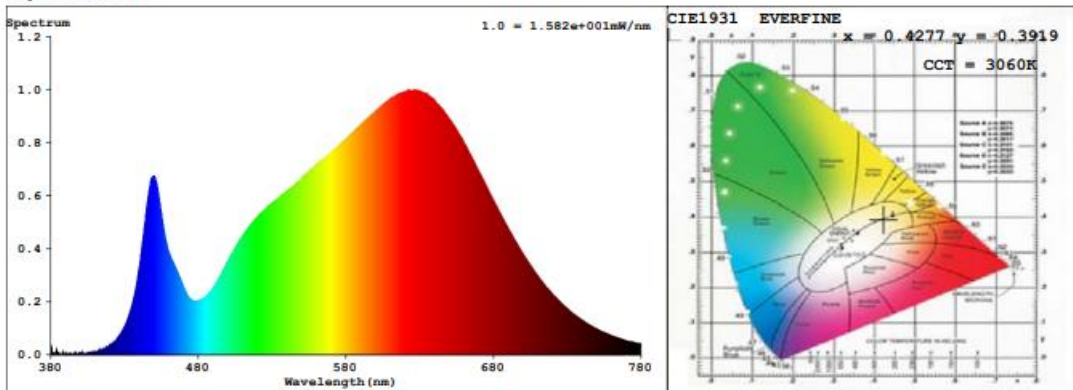
Spectrum Test Report

Sample	:	Date	: 2018-11-18 08:59:36
Specification	: 24V 3014 120 3000K IP20	Sam. Status	:
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	:

Test Condition

Temperature	: 25Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 3967 (6%)
Test Mode	: Accuracy Test	T	: 10 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4277$ $y = 0.3919$ / $u' = 0.2498$ $v' = 0.5151$ ($duv = -3.64e-03$)

CCT= 3060K Prcp WL: $L_d = 584.0\text{nm}$ Purity=46.0%

Peak WL: $L_p = 626\text{nm}$ FWHM: =170.8nm Ratio:R=23.9% G=73.3% B=2.8%

Render Index: $R_a = 92.3$

R1 =93 R2 =95 R3 =95 R4 =92 R5 =92 R6 =93 R7 =93

R8 =85 R9 =67 R10=88 R11=92 R12=80 R13=94 R14=97 R15=91

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 807.17 lm Eff. : 77.32 lm/W $F_e = 2.8951$ W

Photons1:1.466e+000 umol/s(400~500nm) Photons2:6.814e+000 umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.4350 A P = 10.44 W PF = 1.000