

LUMUL

Flex Strip

PREMIUM



2835 60 LEDs



MODEL NO	FP-2835-60	LEDs / m	60
INPUT VOLTAGE	DC 24V	SMD	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	LED SPACING	16.6MM
POWER PER M	12W	LED PLACEMENT	SINGLE
MAX CURRENT / LED	55mA	CUTTING UNIT	100MM
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	2700K	984 LM/M	MAX LENGTH
	3000K	991 LM/M	
	4000K	1092 LM/M	16M (2 FEEDS)
	6000K	1146 LM/M	IP OPTIONS
LUMEN EFFICIENCY	100 LM/W	WARRANTY	5 YEARS (OPTIONAL 2 YRS)

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

2835 SINGLE ROW CONFIGURATION ALSO AVAILABLE IN 64, 80, 120, 128, 160 AND 240 LEDs PER METER.

2835 60 LEDs

Spectrum Test Report

Sample :
 Specification : 24V 2835 60 3000K IP67
 Sample No. : 24
 Manufacturer :

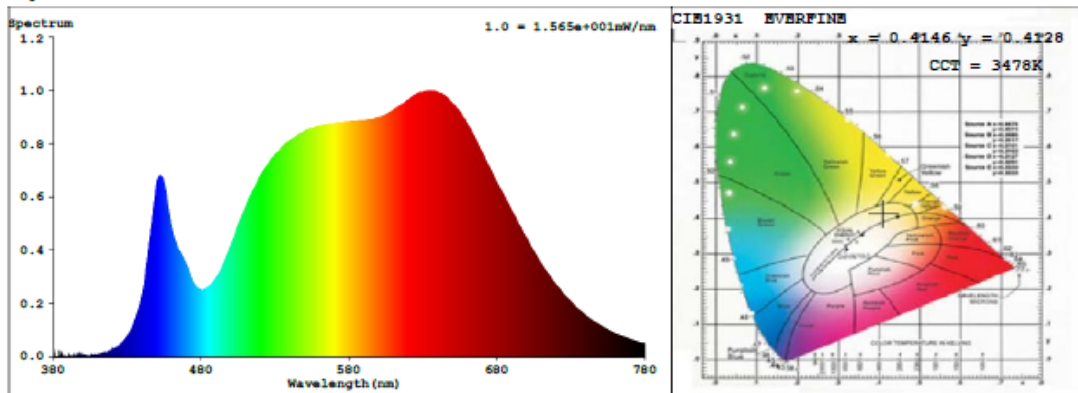
Date : 2018-11-18 10:21:40
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor :

Test Condition

Temperature : 25Deg
 WL Range : 380nm-780nm
 Test Mode : Accuracy Test

RH : 65.0%
 IP : 4056 (6%)
 T : 10 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4146$ $y = 0.4128$ / $u' = 0.2328$ $v' = 0.5215$ ($duv=7.36e-03$)
 CCT= 3478K Prcp WL: $L_d=578.3nm$ Purity=48.3%
 Peak WL: $L_p=636nm$ FWHM: =188.7nm Ratio:R=20.8% G=76.4% B=2.8%

Render Index: $R_a = 90.1$

R1 =90 R2 =90 R3 =90 R4 =91 R5 =87 R6 =85 R7 =98
 R8 =90 R9 =69 R10=76 R11=89 R12=61 R13=89 R14=94 R15=88
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 909.96 lm Eff. : 75.83 lm/W $\eta_e = 3.1552 W$
 Photons1: $1.537e+000$ umol/s(400~500nm) Photons2: $7.025e+000$ umol/s(600~700nm)

Electrical parameters

V = 24.00 V I = 0.5000 A P = 12.00 W PF = 1.000