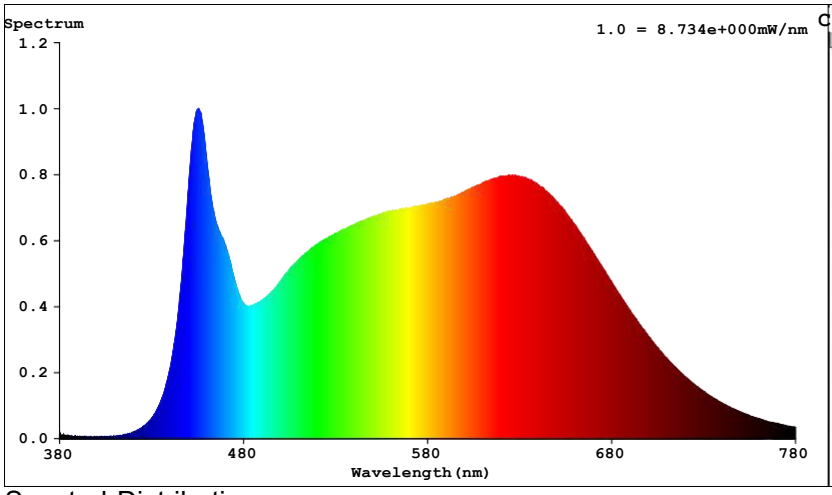
Spectrum Test Report

Sample	: **E24N130W40**	Date	: 2018-11-26 18:33:10
Specification	: 2835 60LED 8mm 24V 4.8W 4000K CRI90 1M		
Sample No.	: LD18111903#22	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: **Velleman**
Assessor	:		
Remark	: LD60-RL2835-4000K-24-IP20		

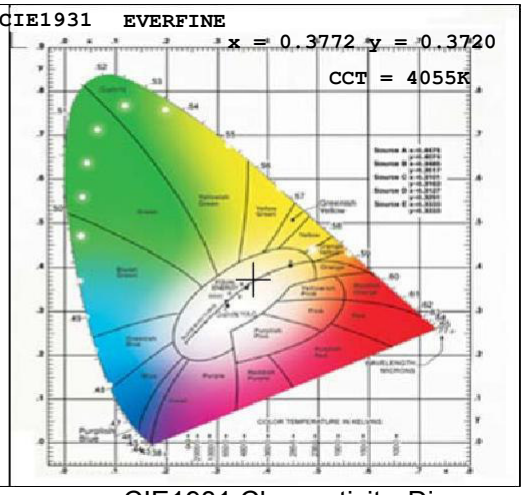
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 45765 (70%)
Test Mode	: Fast Test	T	: 428 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3772 y = 0.3720 / u' = 0.2249 v' = 0.4990 (duv=-1.28e-03)

CCT= 4055K Prcp WL: Ld=579.6nm Purity=24.8%

Peak WL: Lp=456nm FWHM: =27.7nm Ratio:R=20.2% G=75.0% B=4.8%

Render Index: Ra = 96.0 CRI = 94.4 AvgR = 94.5 TM30:Rf=91 Rg=99

R1 =98 R2 =99 R3 =99 R4 =94 R5 =95 R6 =96 R7 =94

R8 =93 R9 =89 R10=99 R11=95 R12=72 R13=99 R14=99 R15=96

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 424.74 lm Eff. : 92.04 lm/W Fe = 1.5322 W

Flux of emitted photons(umol/s):7.4007 Fluo. and blue light ratio:5.237 Fluorescent eff.:278.9

Electrical parameters

V = 24.00 V I = 0.1923 A P = 4.615 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn