EVERFINE 远方

Spectrum Test Report

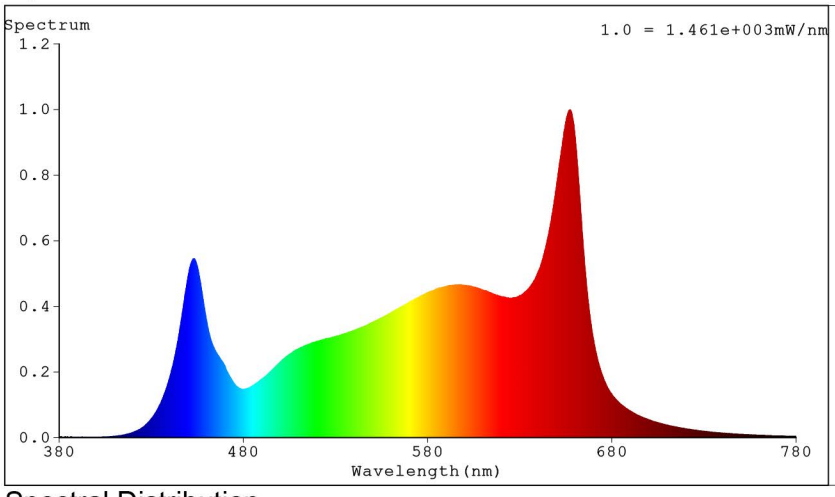
Date : 2019-06-19 11:22:17
Standardtus :
Instrument : HaasSuite(EVERFINE)

Model: SkyHigh 300
Sample No 1
Hersteller: HiGROW / LILUXLED
Spektrum: FSpec Special

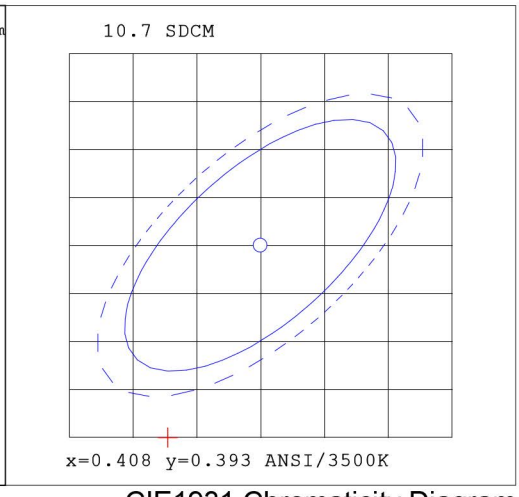
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48961 (75%)
Test Mode	: Accuracy Test	T	: 28 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4005 y = 0.3669 / u' = 0.2427 v' = 0.5002 (duv=-9.77e-03) Dx,Dy:-0.0105,-0.0266
CCT= 3400K Prcp WL: Ld=586.7nm Purity=30.3%
Peak WL: Lp=657nm FWHM: =26.4nm Ratio:R=22.5% G=73.7% B=3.8%

Render Index: Ra = 97.0 AvgR = 95.9 TM30:Rf=90 Rg=106

R1 =98	R2 =98	R3 =97	R4 =95	R5 =99	R6 =95	R7 =96	
R8 =99	R9 =95	R10=96	R11=95	R12=82	R13=98	R14=98	R15=98

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 40097 lm Eff. : 133.87 lm/W Fe = 143.69 W Scotopic:66141 S/P:1.6495
Flux of emitted photons(μmol/s):694.32 Fluo. and blue light ratio:5.926 Fluorescent eff.:398.1
Photons1:6.943e+002 μmol/s(380~780nm) Photons2:6.805e+002 μmol/s(400~700nm)
Photosynthetic:PPF(400-700nm):680.52μmol/s PRF(400-700nm):1.4138e+005mW
Eff(PPF) (400-700nm):2.27μmol/s/W

Electrical parameters

V = 229.5 V I = 1.346 A P = 299.5 W PF = 0.9696 F=49.99 Hz