

Spectrum Test Report

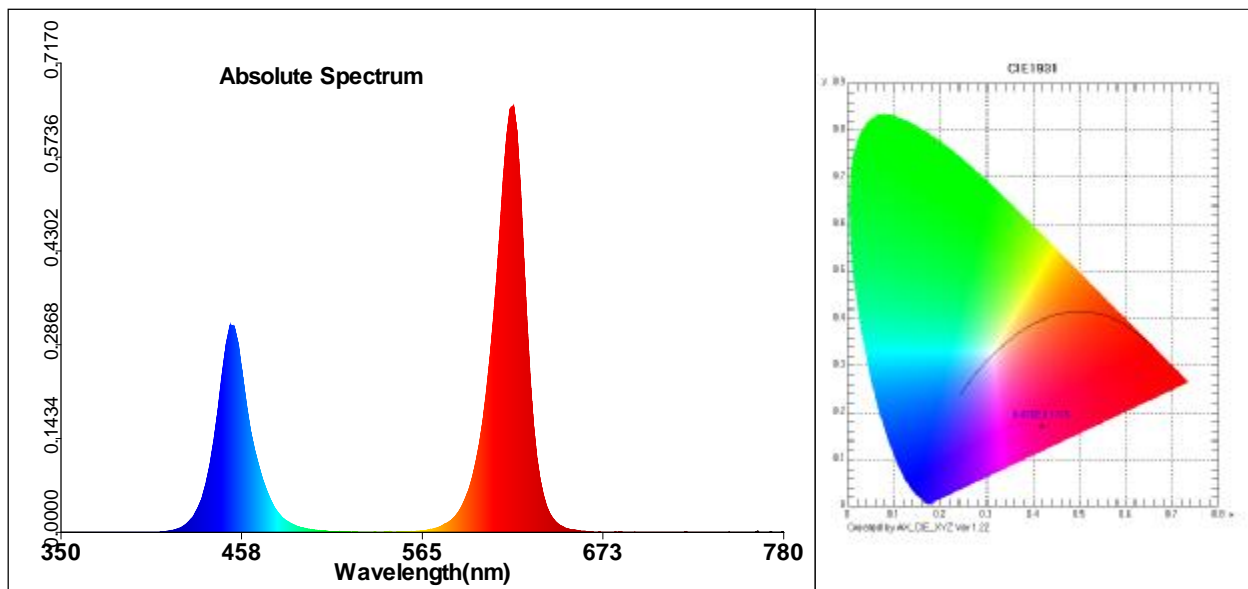
Sample Info.:

Name:LVUFO01B40300
 SN:001
 Date:2017-11-26
 TMP:25.3 DEG
 Remark:-----

Type:S-1
 Manu:EVERFINE
 Tester:Admin
 Humidity:65 %RH

Meter state:

Test Meter: PLA-20 Sensitivity: High
 Integral T: 10 ms PeakAD Ip: 44641.8 Average times: 1



Test parameter:

E= 3989.9 lx	E(fc)=370.807 fc		
CIE x= 0.4182	CIE y= 0.1715	CIE u'=0.3962	CIE v'=0.3656
Tc=1211 K	Lp=631.0 nm	HW=20.7 nm	Ld=610.2 nm
Pur=54.8 %	Ratio_R=84.9 %	Ratio_G=5.3 %	Ratio_B=9.8 %
Duv=0.11461			
Ra=-54.2	R1= 46	R2=-48	R3=-151
R4= 13	R5=-15	R6=-196	R7=-77
R8= -6	R9= 27	R10=-211	R11= 53
R12=-689	R13= -9	R14=-28	R15= 69

SDCM=113.0(2700K/ELR)
 White Class:OUT

E1(400-700nm)=26.578 W/m ²	E2(380-780nm)=26.579 W/m ²
Ech-A=2.9791 W/m ²	Ech-B=9.696 W/m ²
Eb=9.0339 W/m ²	Ef=0.0009654 W/m ²
Ep=23.82 Wphyto/m ²	Er=17.081 W/m ²
PPFDf=5.9623E-003 μmol/(m ² ·s)	Erb_Ratio=1.8908
PPFD=126.58 μmol/(m ² ·s)	

Spectrum Test Report



Product : LVUFO001B-40G(51)
Sample No. : LVUFO001B-40G(51)
Manufacturer :

Date : 2017-11-30
Instrument : HAAS-2000(EVERFINE)
Operator :

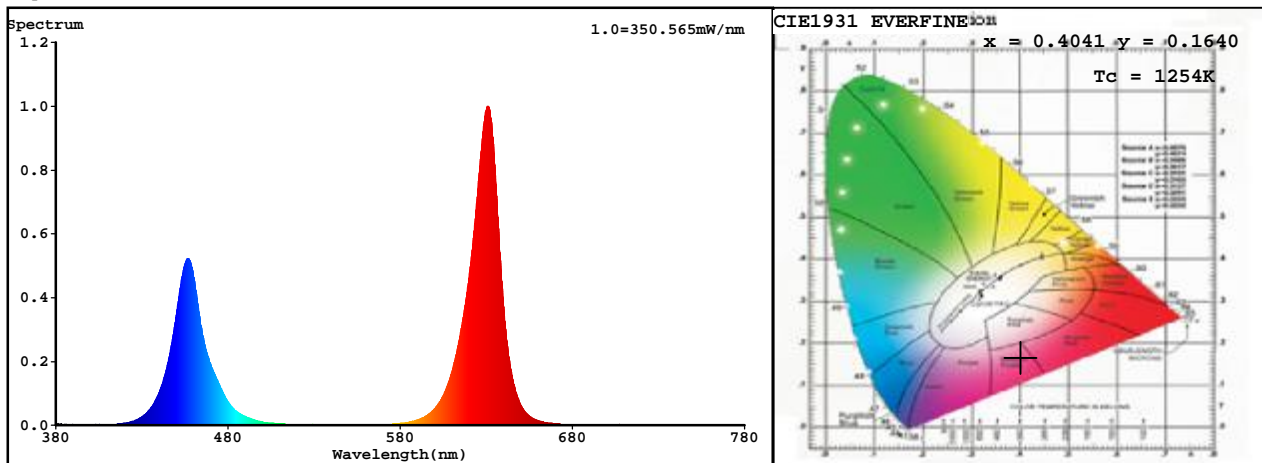
Test Condition

Temperature : 25.3Deg
Scan Range : 380nm-780nm

RH : 65.0%
IP : 49726 (76%)
T : 46 ms
Delicacy : Low

Test Type : Accuracy Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.4041$ $y=0.1640$ $u'=0.3885$ $v'=0.3548$ ($duv=1.22e-01$)

CCT: $T_c=1254K$ Prcp Wavel: $d=610.2nm$ Purity=55.1%

Peak Wavel: $p=631nm$ Half Width: $DIp=17.6nm$ Ratio: $R=84.9\%$ $G=4.5\%$ $B=10.6\%$

Render Index: $R_a=6.1$

R1 =34	R2 =0	R3 =0	R4 =15	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =38	R10=0	R11=55	R12=0	R13=0	R14=0	R15=56

Photo Parameters:

Flux = 1751 lm Eff. : 43.90 lm/W Fe = 11.99 W

Fmol($\mu mol/s$): $5.658e+000$ Fluorescence and blue light ratio: 1.719 Fluorescent efficiency: 18.49

Electrical parameters:

V = 241.0 V I = 0.1700 A P = 39.89 W PF = 0.9734

EVERFINE

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