

Spectrum Test Report



Product : BF110
 Sample No. : ST64 Amber 4w 2200k
 Manufacturer :

Date : 2018-06-01
 Instrument : HAAS-2000(EVERFINE)
 Operator :

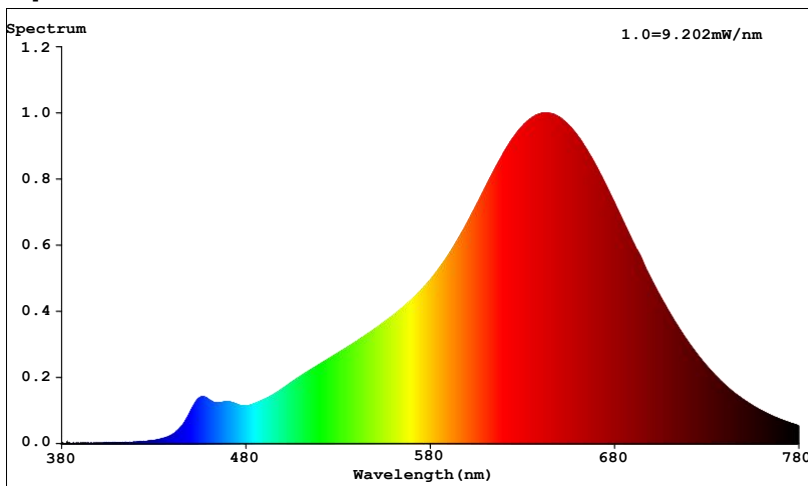
Test Condition

Temperature : 27.7Deg
 Scan Range : 380nm-780nm

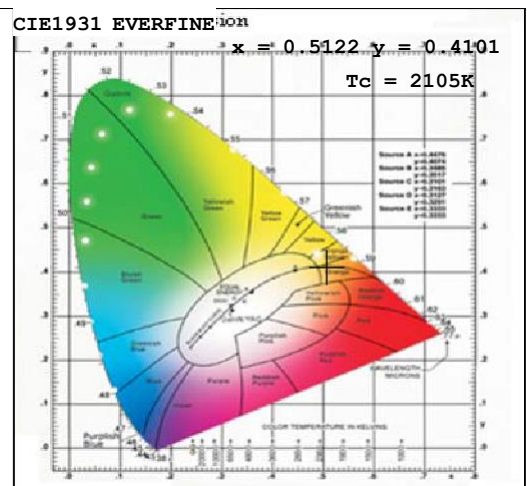
RH : 54%
 IP : 52828 (81%)
 T : 113 ms
 Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.5122$ $y=0.4101$ $u'=0.2970$ $v'=0.5352$ ($duv=-1.46e-03$)

CCT: $T_c=2105K$ Prcp Wave L: $\lambda_p=588.5nm$ Purity=76.8%

Peak Wave L: $\lambda_p=643nm$ Half Width: $\Delta\lambda_p=118.7nm$ Ratio: R=35.5% G=62.8% B=1.7%

Render Index: $R_a=96.2$

R1 =98	R2 =97	R3 =99	R4 =99	R5 =97	R6 =92	R7 =94	
R8 =93	R9 =87	R10=96	R11=94	R12=85	R13=97	R14=99	R15=98

Photo Parameters:

Flux = 296.3 lm Eff: 70.55 lm/W Fe = 1.322 W

Fmol($\mu mol/s$): 6.905e-001 Fluorescence and blue light ratio:31.40 Fluorescent efficiency:27.81

Electrical parameters:

V = 240.4 V I = 0.01917 A P = 4.200 W PF = 0.9112

EVERFINE

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