

Spectrum Test Report



Product :
Sample No. : F314-C35V-C
Manufacturer : Liquidleds Lighting Pty Ltd

Date: 2023-12-02
Instrument: HAAS-2000(EVERFINE)
Operator :

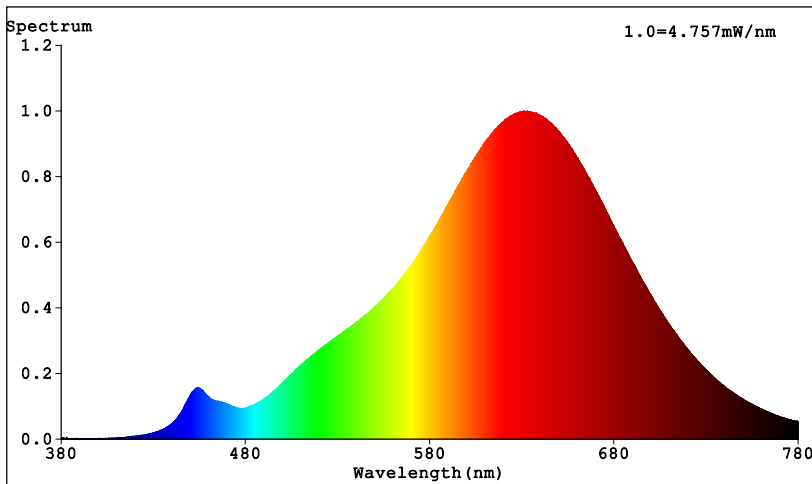
Test Condition

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

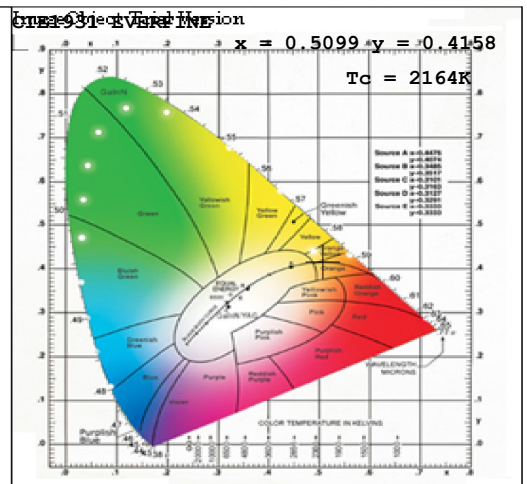
RH : 65.0%
IP : 50549 (77%)
T : 274 ms
Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.5099$ $y=0.4158$ / $u'=0.2926$ $v'=0.5369$ ($duv=2.28e-04$)

CCT: $T_c=2164K$ Prcp Wavel: $\lambda_p=587.5nm$ Purity=77.8%

Peak Wavel: $\lambda_p=633nm$ Half Width: $\Delta\lambda_p=127.9nm$ Ratio: R=33.8% G=64.8% B=1.4%

Render Index: $R_a=92.0$

R1 =92	R2 =97	R3 =99	R4 =92	R5 =92	R6 =98	R7 =89	
R8 =78	R9 =56	R10=92	R11=94	R12=90	R13=93	R14=99	R15=86

Photo Parameters:

Flux = 176.7 lm Eff. : 54.12 lm/W Fe = 708.0 mW

Fmol($\mu mol/s$): $3.664e-001$ Fluorescence and blue light ratio: 30.33 Fluorescent efficiency: 19.77

Electrical parameters:

V = 240.0 V I = 0.01445 A P = 3.264 W PF = 0.9415

EVERFINE

杭州市滨江区滨康路669号 <http://www.everfine.cn>