

Spectrum Test Report



Product :
Sample No. : F627-T45-C
Manufacturer : Liquidleds Lighting Pty Ltd

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

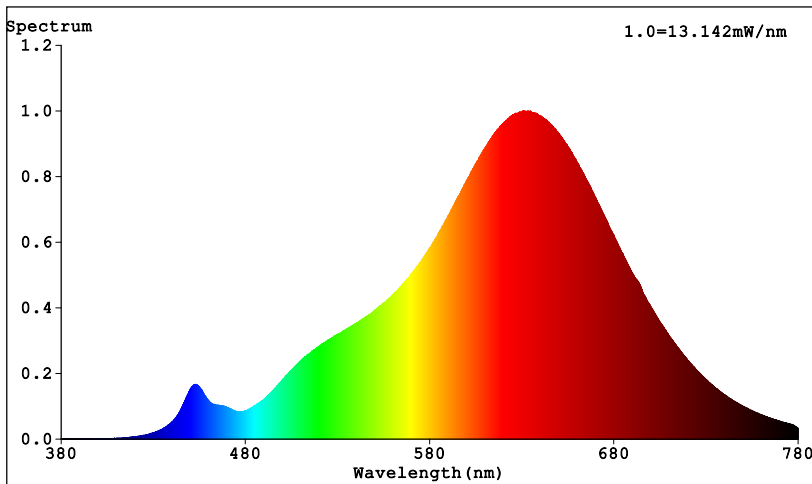
Test Condition

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

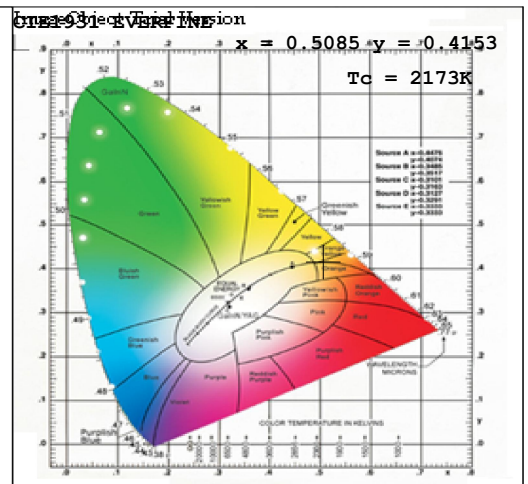
RH : 65.0%
IP : 53523 (82%)
T : 105 ms
Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.5085$ $y=0.4153$ $u'=0.2920$ $v'=0.5365$ ($duv=6.71e-05$)

CCT: $T_c=2173K$ Prcp Wavel: $\lambda_p=587.5nm$ Purity=77.3%

Peak Wavel: $\lambda_p=633nm$ Half Width: $\Delta\lambda_p=121.0nm$ Ratio: R=34.1% G=64.6% B=1.4%

Render Index: $R_a=94.3$

R1 =95	R2 =98	R3 =99	R4 =96	R5 =95	R6 =98	R7 =91	
R8 =82	R9 =63	R10=95	R11=99	R12=93	R13=96	R14=99	R15=90

Photo Parameters:

Flux = 536.9 lm Eff. : 93.59 lm/W Fe = 1.893 W

Fmol($\mu mol/s$): $9.770e-001$ Fluorescence and blue light ratio: 30.23 Fluorescent efficiency: 30.70

Electrical parameters:

V = 240.0 V I = 0.02788 A P = 5.737 W PF = 0.8574

EVERFINE

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