

# Spectrum Test Report



Product :  
Sample No. : F827-G125-SC  
Manufacturer : Liquidleds Lighting Pty Ltd

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

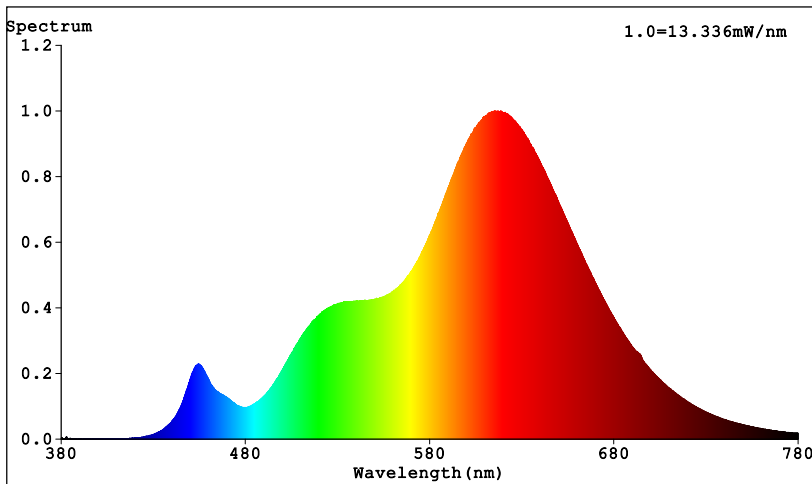
## Test Condition

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

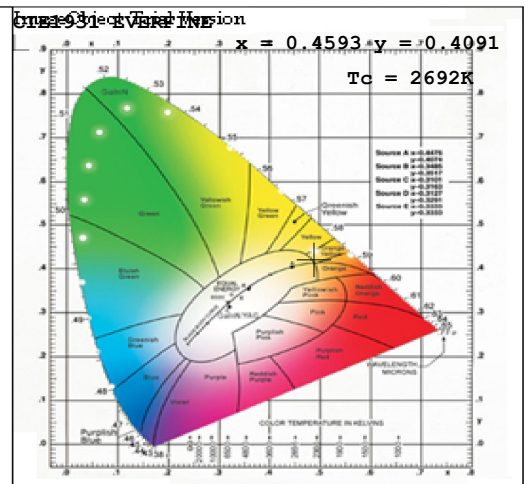
RH : 65.0%  
IP : 54369 (83%)  
T : 105 ms  
Delicacy : High

Test Type : Fast Test

## Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4593$   $y=0.4091$  /  $u'=0.2628$   $v'=0.5267$  ( $duv=1.80e-03$ )

CCT:  $T_c=2692K$  Prcp WaveL:  $d\lambda=585.4nm$  Purity=73.5%

Peak WaveL:  $\lambda_p=616nm$  Half Width:  $\lambda_{\Delta p}=99.3nm$  Ratio: R=31.7% G=66.8% B=1.5%

Render Index:  $R_a=91.8$

R1 =93 R2 =98 R3 =98 R4 =96 R5 =94 R6 =97 R7 =87  
R8 =72 R9 =39 R10=94 R11=98 R12=89 R13=95 R14=99 R15=84

## Photo Parameters:

Flux = 575.9 lm Eff. : 77.50 lm/W  $F_e = 1.753 W$

Fmol( $\mu mol/s$ ):  $8.805e-001$  Fluorescence and blue light ratio: 20.10 Fluorescent efficiency: 20.60

## Electrical parameters:

V = 240.0 V I = 0.03479 A P = 7.431 W PF = 0.8900

**EVERFINE**

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