

Spectrum Test Report

Product : FSLHE-24V-2835X90W10
 Sample No. : 01

Date : 2024-09-03
 Instrument : HAAS-2000

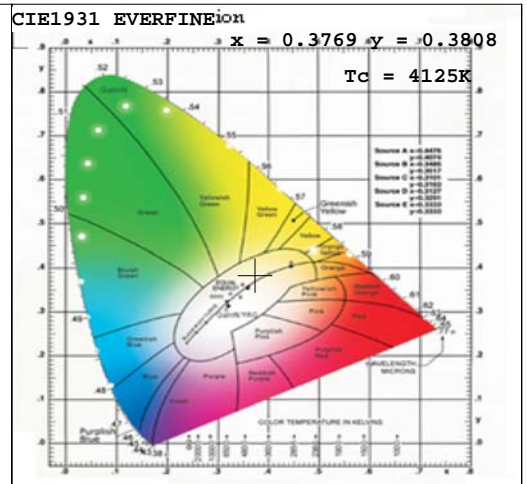
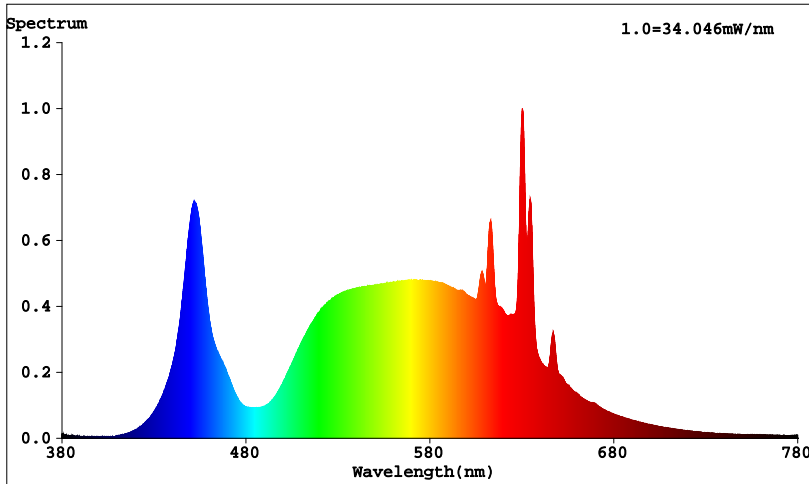
Test Condition

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

RH : 65.0%
 IP : 52421 (80%)
 T : 32 ms
 Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.3769$ $y=0.3808$ $u'=0.2212$ $v'=0.5028$ ($duv=2.92e-03$)
 CCT: $T_c=4125K$ Prcp WaveL: $\lambda_p=577.0nm$ Purity=27.4%
 Peak WaveL: $\lambda_p=630nm$ Half Width: $\Delta\lambda_p=8.2nm$ Ratio: R=19.4% G=78.1% B=2.6%

Render Index: $R_a=82.0$

R1 =82 R2 =85 R3 =85 R4 =83 R5 =80 R6 =78 R7 =90
 R8 =74 R9 =27 R10=61 R11=80 R12=47 R13=82 R14=91 R15=79

LEVEL: WHITE:ANSI_4000K

Photo Parameters:

Flux = 1040 lm Eff. : 229.45 lm/W $F_e = 3.020 W$

Electrical parameters:

V = 24.00 V I = 0.301 A P = 7.214 W PF = 1.000