

Spectrum Test Report

Product : 2835-144-4000k-10w-1M
 Sample No. : 2835-144-4000k-10w-1M

Date : 2024-05-16
 Instrument : HAAS-2000(EVERFINE)

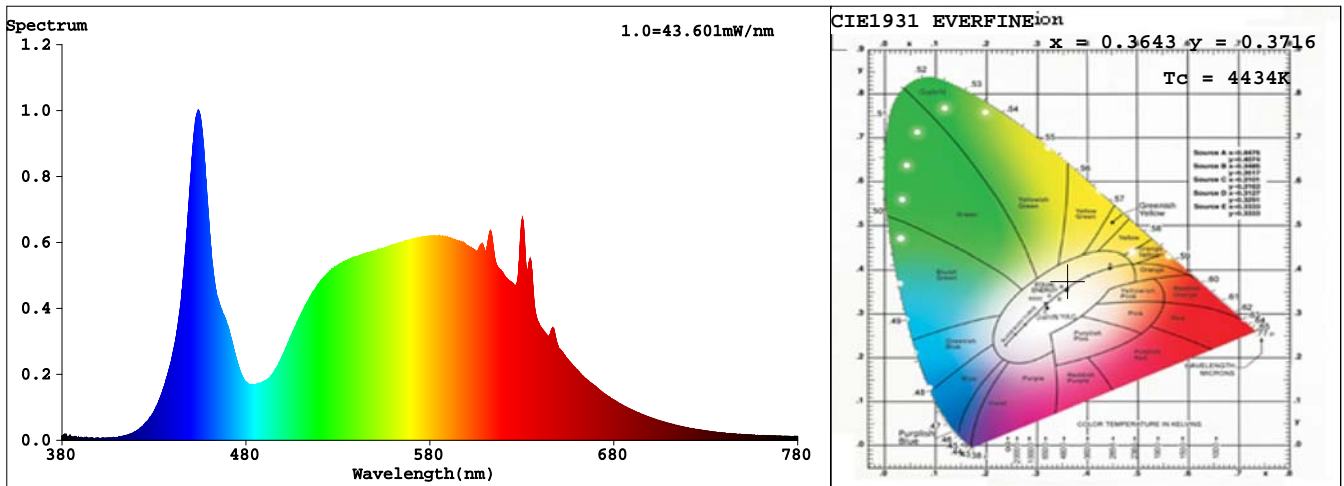
Test Condition

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

RH : 65.0%
 IP : 47155 (72%)
 T : 43 ms
 Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: x=0.3643 y=0.3716/u'=0.2165 v'=0.4969(duv=2.67e-03)
 CCT:Tc= 4434K Prcp WaveL: λ_p =575.5nm Purity=20.8%
 Peak WaveL: λ_p =454nm Half Width: $\Delta\lambda_p$ =16.4nm Ratio:R=18.2% G=78.5% B=3.3%

Render Index:Ra=81.3

R1 =80 R2 =87 R3 =90 R4 =80 R5 =78 R6 =80 R7 =88
 R8 =67 R9 =9 R10=66 R11=77 R12=48 R13=81 R14=94 R15=75

LEVEL: WHITE:ANSI_4500K

Photo Parameters:

Flux = 1678 lm Eff. : 201.02 lm/W Fe = 5.016 W

Electrical parameters:

V = 24.00 V I = 0.3479 A P = 8.350 W PF = 1.000