

Spectrum Test Report



Product : 528D-24V-3000K-08AFC
Sample No. : 01
Manufacturer : EVERFINE

Date : 2024-04-12
Instrument : HAAS-2000(EVERFINE)
Operator : KSH

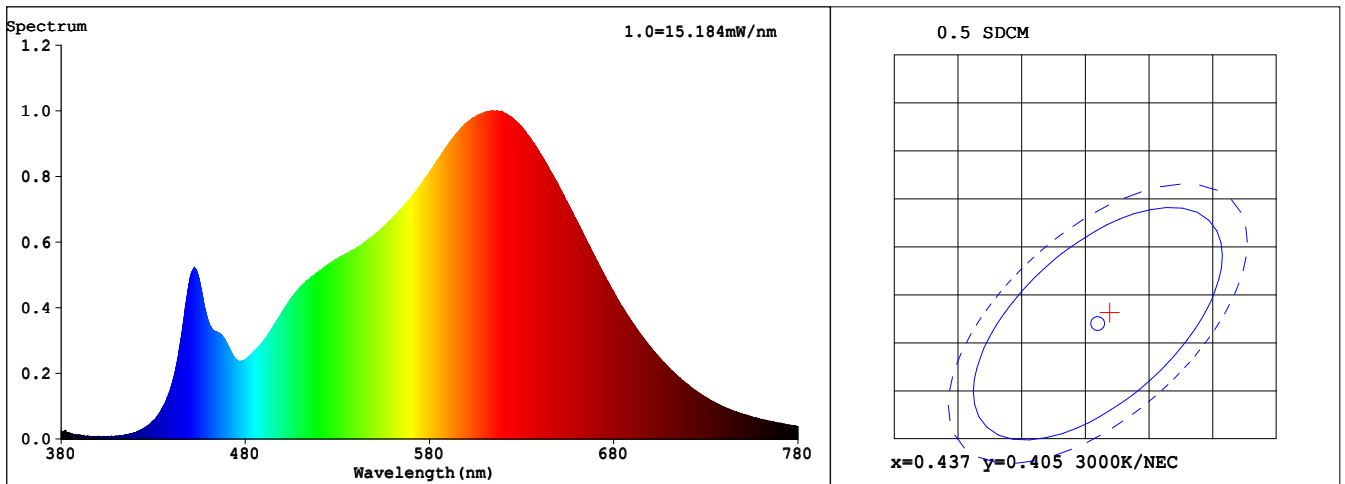
Test Condition

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

RH : 65.0%
IP : 53151 (81%)
T : 242 ms
Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.4379$ $y=0.4061$ / $u'=0.2503$ $v'=0.5223$ ($duv=6.81e-04$)

CCT: $T_c=3000K$ Prcp WaveL: $\lambda_p=582.6nm$ Purity=53.3%

Peak WaveL: $\lambda_p=614nm$ Half Width: $\Delta\lambda_p=157.2nm$ Ratio: R=25.7% G=71.7% B=2.6%

Render Index: $R_a=91.3$

R1 =91 R2 =96 R3 =98 R4 =91 R5 =91 R6 =96 R7 =90
R8 =76 R9 =48 R10=91 R11=93 R12=81 R13=93 R14=100 R15=86

Photo Parameters:

Flux = 759.8 lm Eff. : 74.10 lm/W Fe = 2.553 W

Fmol($\mu mol/s$): $1.258e+000$ Fluorescence and blue light ratio: 10.53 Fluorescent efficiency: 22.74

Electrical parameters:

V = 24.00 V I = 0.4273 A P = 10.25 W PF = 1.000

EVERFINE

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