

Spectrum Test Report

Sample :
Specification : 480-24V-8MM-Blue
Sample No. : 442
Manufacturer : EVERFINE
Instrument number: 1

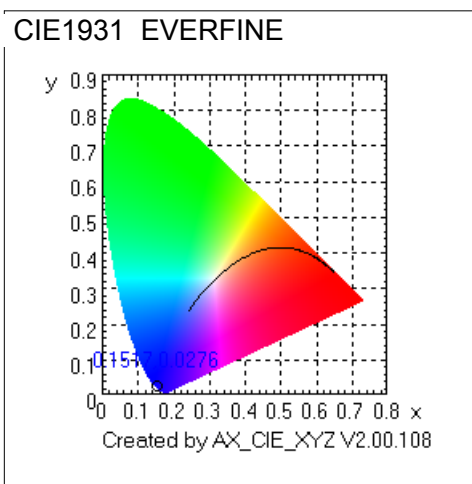
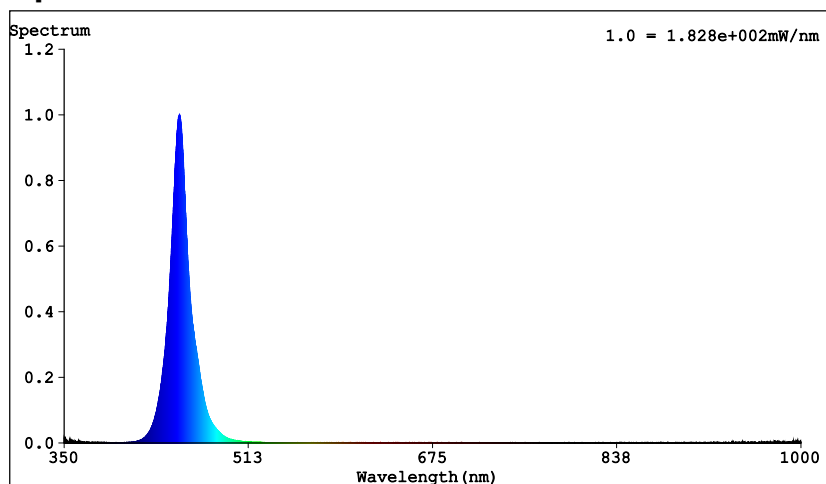
Date : 2025-09-13 10:54:50
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 45371 (69%)
T : 131 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1517$ $y = 0.0276$ / $u' = 0.2004$ $v' = 0.0821$ ($duv = -2.12e-01$)

CCT>=100000K Prcp WL: $L_d = 456.0nm$ Purity=98.8%

Peak WL: $L_p = 452nm$ FWHM: =16.8nm Ratio:R=0.8% G=7.7% B=91.6%

Render Index: $R_a = 0.5$

R1 =0 R2 =0 R3 =0 R4 =0 R5 =4 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=3

TLCI = 0.6

Photometric & Radiometric Parameters

Flux = 148.73 lm Eff. : 14.86 lm/W $F_e = 4.0733 W$

(EQE):359.8%

Kred: 0.00526

Electrical parameters

V = 24.00 V I = 0.4170 A P = 10.01 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>