

Spectrum Test Report

Sample : 127065
 Specification : 2216-300F-10W-12V-W8-4000K
 Sample No. :
 Manufacturer :

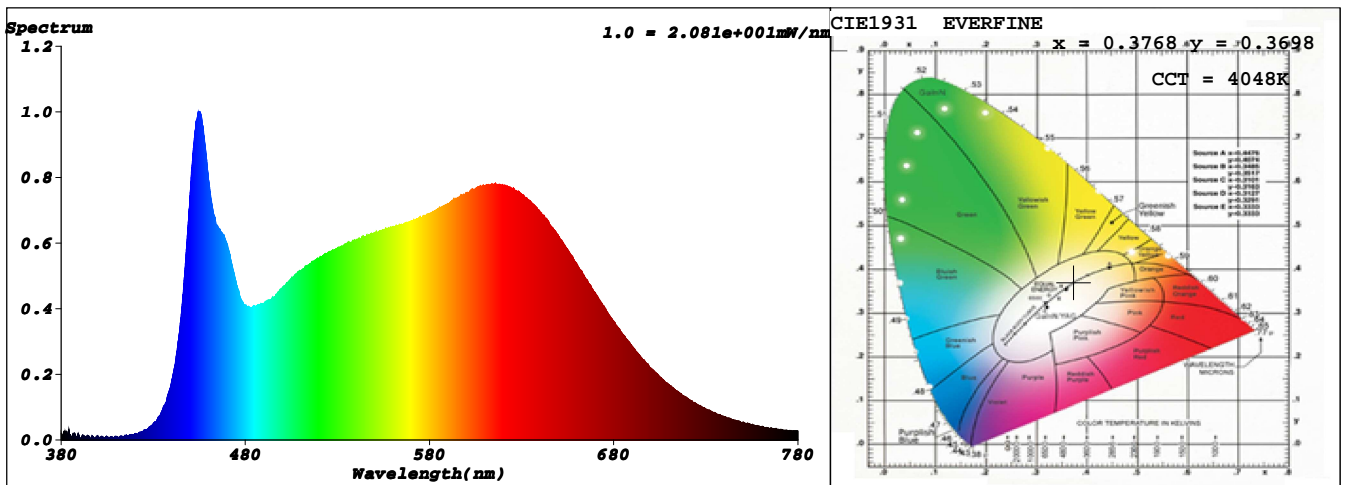
Date : 2025-12-11 20:07:35
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 14299 (22%)
 T : 20 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3768$ $y = 0.3698$ / $u' = 0.2255$ $v' = 0.4979$ ($duv = -2.24e-03$)

CCT= 4048K Prcp WL: $L_d = 580.3nm$ Purity=24.0%

Peak WL: $L_p = 455nm$ FWHM: =27.2nm Ratio:R=20.3% G=74.7% B=5.0%

Render Index: $R_a = 94.2$

R1 =97 R2 =98 R3 =97 R4 =92 R5 =95 R6 =95 R7 =91

R8 =88 R9 =77 R10=99 R11=94 R12=72 R13=99 R14=99 R15=95

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 970.17 lm Eff. : 99.35 lm/W $F_e = 3.3647 W$

Electrical parameters

V = 12.00 V I = 0.8138 A P = 9.766 W PF = 1.000