

Spectrum Test Report

Sample : 127010
 Specification : SCOB-300F-7W-12V-W6-3000K
 Sample No. :
 Manufacturer :

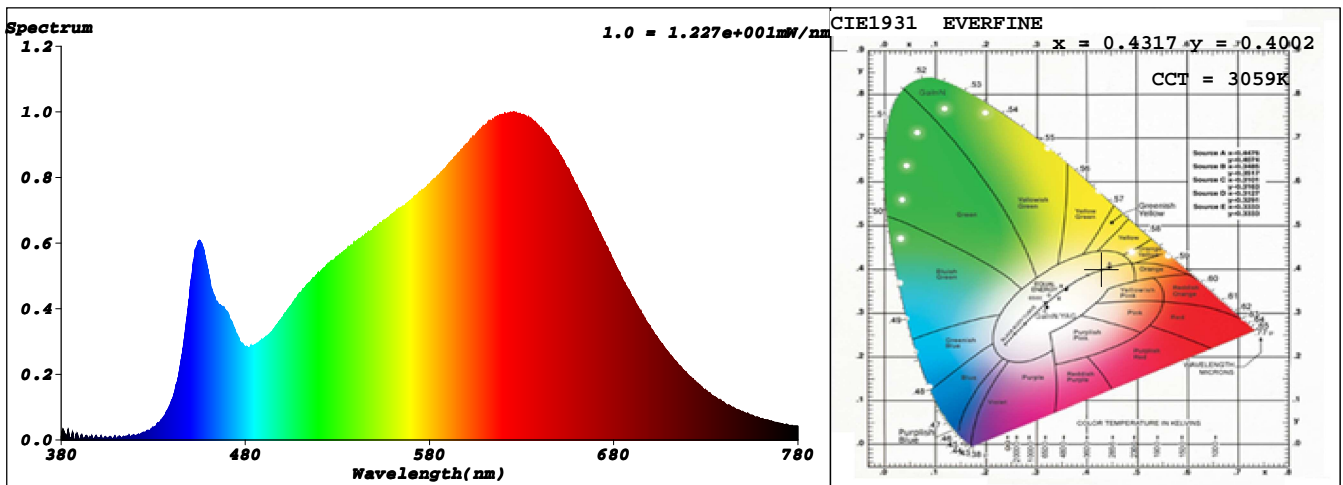
Date : 2025-12-11 19:54:04
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 10614 (16%)
 T : 20 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4317$ $y = 0.4002$ / $u' = 0.2488$ $v' = 0.5191$ ($duv = -8.09e-04$)
 CCT= 3055K Prcp WL: $L_d = 582.9nm$ Purity=49.7%
 Peak WL: $L_p = 626nm$ FWHM: =165.6nm Ratio:R=24.2% G=72.6% B=3.2%

Render Index: $R_a = 94.7$

R1 =96 R2 =99 R3 =99 R4 =94 R5 =95 R6 =97 R7 =93
 R8 =87 R9 =71 R10=95 R11=94 R12=79 R13=97 R14=99 R15=93
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 864.18 lm Eff. : 119.50 lm/W $F_e = 2.1741 W$

Electrical parameters

V = 12.00 V I = 0.62 A P = 7.4 W PF = 1.000