

Spectrum Test Report

Sample : 0.5M
Specification : 5101-202411060011
Sample No. : 90124120000032
Manufacturer :

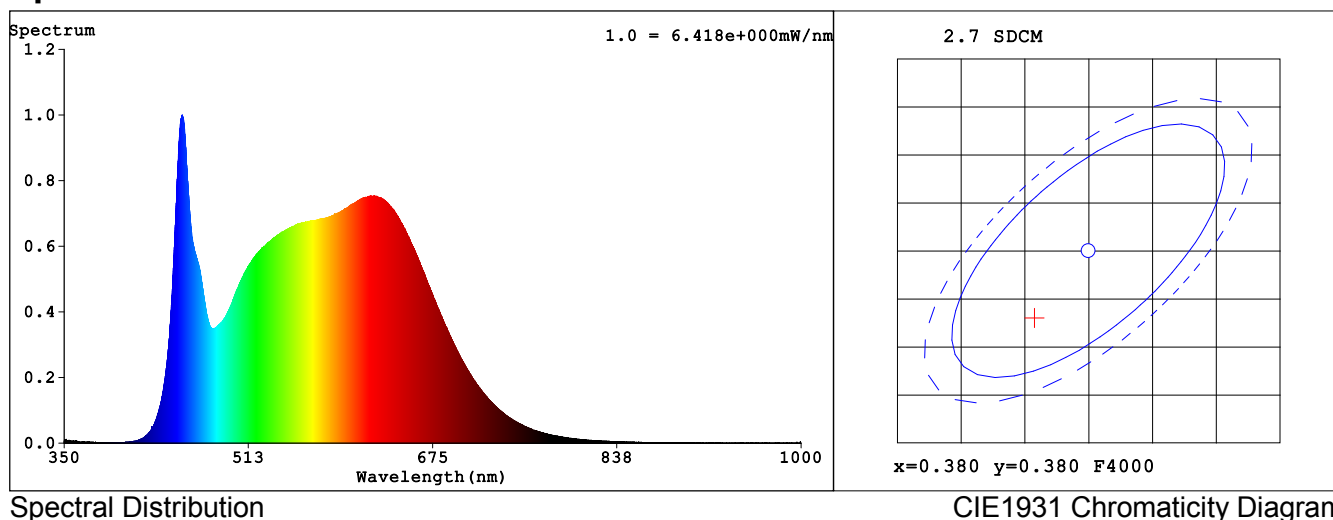
Date : 2024-11-08 01:40:19
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ZXL
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51534 (79%)
T : 3091 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3758$ $y = 0.3730$ / $u' = 0.2235$ $v' = 0.4992$ ($duv = -3.68e-04$)

CCT= 4102K Prcp WL: $L_d = 578.9\text{nm}$ Purity=24.7%

Peak WL: $L_p = 454\text{nm}$ FWHM: $=25.0\text{nm}$ Ratio: R=19.8% G=75.7% B=4.6%

Render Index: $R_a = 95.0$ TM30: $R_f = 91$ $R_g = 99$

$R_1 = 96$ $R_2 = 98$ $R_3 = 97$ $R_4 = 94$ $R_5 = 94$ $R_6 = 94$ $R_7 = 95$

$R_8 = 91$ $R_9 = 80$ $R_{10} = 94$ $R_{11} = 94$ $R_{12} = 70$ $R_{13} = 97$ $R_{14} = 98$ $R_{15} = 94$

Photometric & Radiometric Parameters

Flux = 300.73 lm Eff. : 100.00 lm/W $F_e = 1.0576\text{ W}$

Electrical parameters

$V = 24.00\text{ V}$ $I = 0.1253\text{ A}$ $P = 3.007\text{ W}$ PF = 1.000 F=50.00 Hz