

Spectrum Test Report

Sample :
Specification : 528-24V-8MM 2700K-IP33
Sample No. : 2238
Manufacturer : EVERFINE
Instrument number: 1

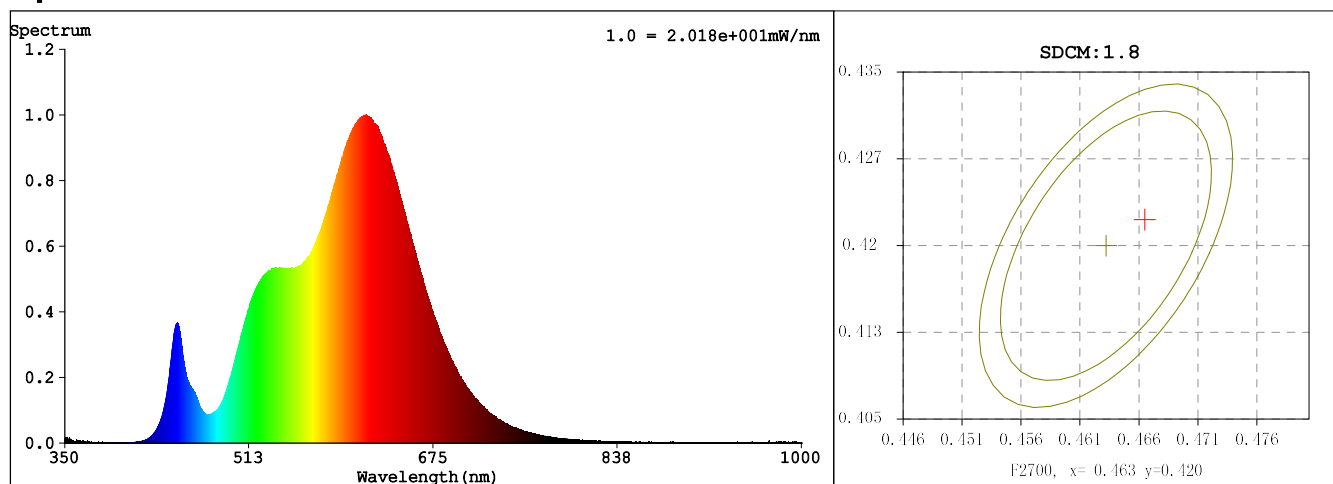
Date : 2025-07-08 16:19:55
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 56833 (87%)
T : 1382 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4663$ $y = 0.4222$ / $u' = 0.2615$ $v' = 0.5326$ ($duv=3.68e-03$)

CCT= 2700K Prcp WL: $L_d=583.1nm$ Purity=66.7%

Peak WL: $L_p=616nm$ FWHM: $=142.1nm$ Ratio: $R=26.5\%$ $G=71.9\%$ $B=1.6\%$

Render Index: $R_a = 90.8$

$R_1 = 92$ $R_2 = 94$ $R_3 = 95$ $R_4 = 95$ $R_5 = 91$ $R_6 = 94$ $R_7 = 91$

$R_8 = 75$ $R_9 = 40$ $R_{10} = 84$ $R_{11} = 97$ $R_{12} = 77$ $R_{13} = 92$ $R_{14} = 96$ $R_{15} = 83$

TLCI = 79.9

Photometric & Radiometric Parameters

Flux = 892.56 lm Eff. : 73.72 lm/W $F_e = 2.8512 W$

(EQE): 270.91%

Kred: 0.17698

Electrical parameters

$V = 24.00 V$ $I = 0.5045 A$ $P = 12.11 W$ PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>