

Spectrum Test Report

Sample : FD-HM40S3852(T)-N938B12
Specification : FD-HM40S3852(T)-N938B12
Sample No. : 1
Manufacturer : COLORS
Assessor : damin
Remark :

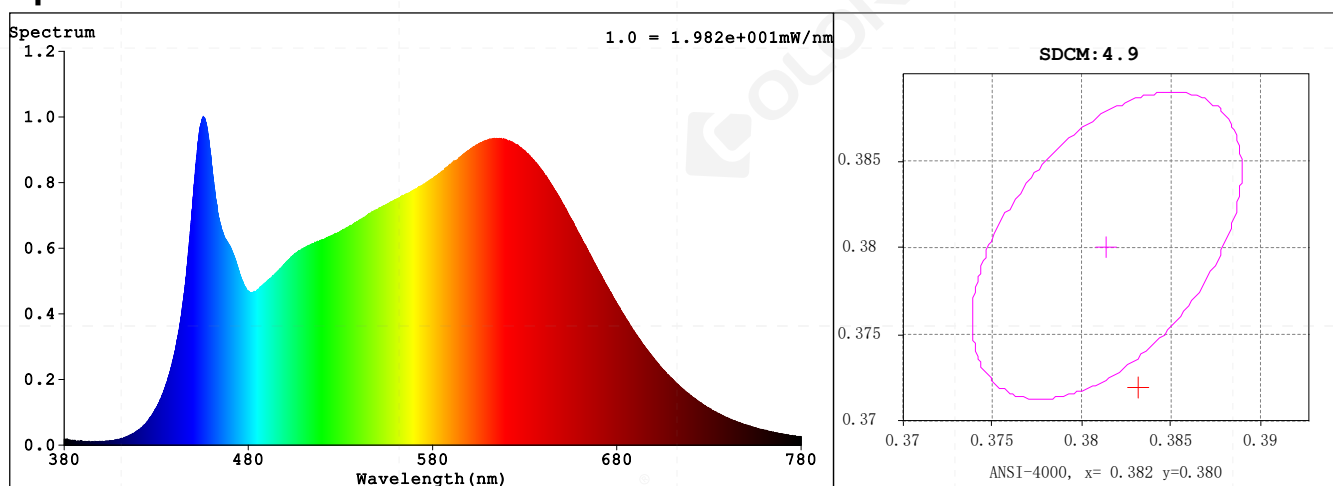
Date : 2024-05-14 10:46:05
Sam. Status :
Standard :
Instrument : HaasSuite(EVERFINE)
Test by : JYH

Test Condition

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

RH : 65.0%
IP : 54814 (84%)
T : 128 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3836$ $y = 0.3720$ / $u' = 0.2291$ $v' = 0.4999$ ($duv = -3.16e-03$)

CCT= 3877K Prcp WL: $L_d = 581.3\text{nm}$ Purity=26.7%

Peak WL: $L_p = 456\text{nm}$ FWHM: $= 30.9\text{nm}$ Ratio: R=20.9% G=74.2% B=4.8%

Render Index: $R_a = 94.4$

EEL: 0.14923 A+

R1 =97 R2 =98 R3 =96 R4 =94 R5 =96 R6 =94 R7 =92
R8 =88 R9 =76 R10=98 R11=96 R12=78 R13=99 R14=99 R15=95

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1072.6 lm Eff. : 97.15 lm/W $F_e = 3.7329\text{ W}$

Electrical parameters

V = 48.00 V I = 0.2300 A P = 11.04 W PF = 1.000 F=0.00 Hz

Kdisp(IEC) = 1.000

EVERFINE CORPORATION

<http://www.everfine.cn>

TM30

视场角:2 度

