

Spectrum Test Report

Sample :
Specification : OR400-K502-1208ZH
Sample No. : 4/6/A.52.120.5161
Manufacturer :

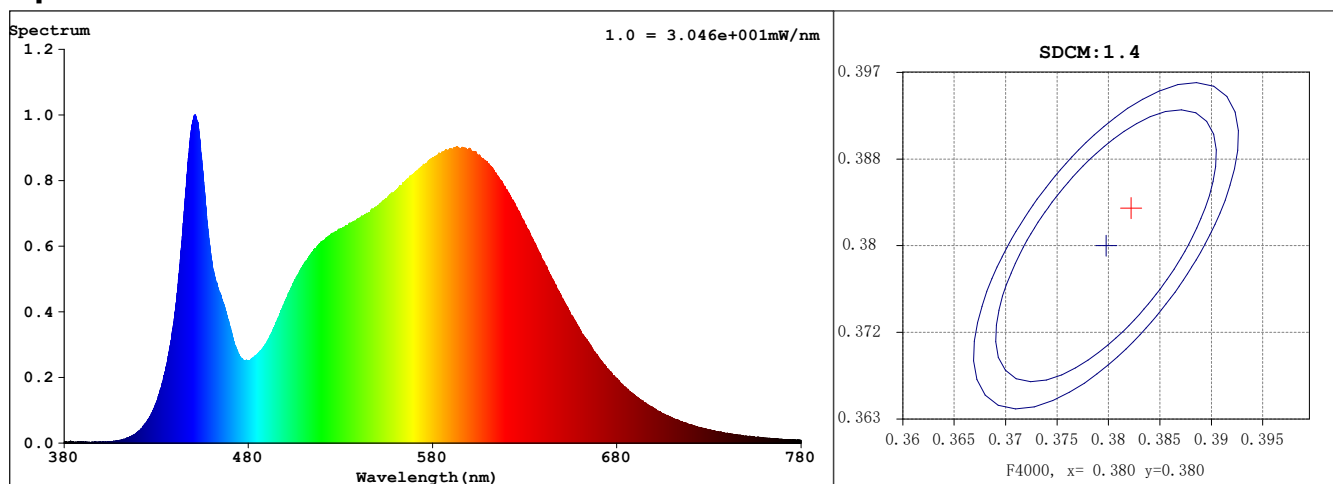
Date : 2024-12-02 15:21:34
Sam. Status : 4000K
Instrument : HAAS-2000(EVERFINE)
Test by : LXY
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47781 (73%)
T : 269 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3824$ $y = 0.3836$ / $u' = 0.2237$ $v' = 0.5049$ ($duv=2.62e-03$) $Dx, Dy: 0.0018, 0.0068$

CCT= 3997K Prcp WL: $L_d=577.8nm$ Purity=29.9%

Peak WL: $L_p=451nm$ FWHM: $=20.0nm$ Ratio: $R=18.1\%$ $G=78.4\%$ $B=3.5\%$

Render Index: $R_a = 82.4$ $AvgR = 75.3$ TM30: $R_f=84$ $R_g=94$

$R_1 = 80$ $R_2 = 88$ $R_3 = 95$ $R_4 = 82$ $R_5 = 80$ $R_6 = 84$ $R_7 = 86$

$R_8 = 63$ $R_9 = 4$ $R_{10} = 73$ $R_{11} = 81$ $R_{12} = 60$ $R_{13} = 82$ $R_{14} = 97$ $R_{15} = 73$

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1584.6 lm Eff. : 111.30 lm/W $Fe = 4.7219 W$

(EQE):3251.3%

Flux of emitted photons($\mu mol/s$):22.187 Fluo. and blue light ratio:4.982 Fluorescent eff.:259.0

Electrical parameters

$V = 230.7 V$ $I = 0.06583 A$ $P = 14.24 W$ PF = 0.9376

Freq=49.99 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>