

Spectrum Test Report

Sample :
Specification : ULPL30120-27W
Sample No. : 1
Manufacturer :

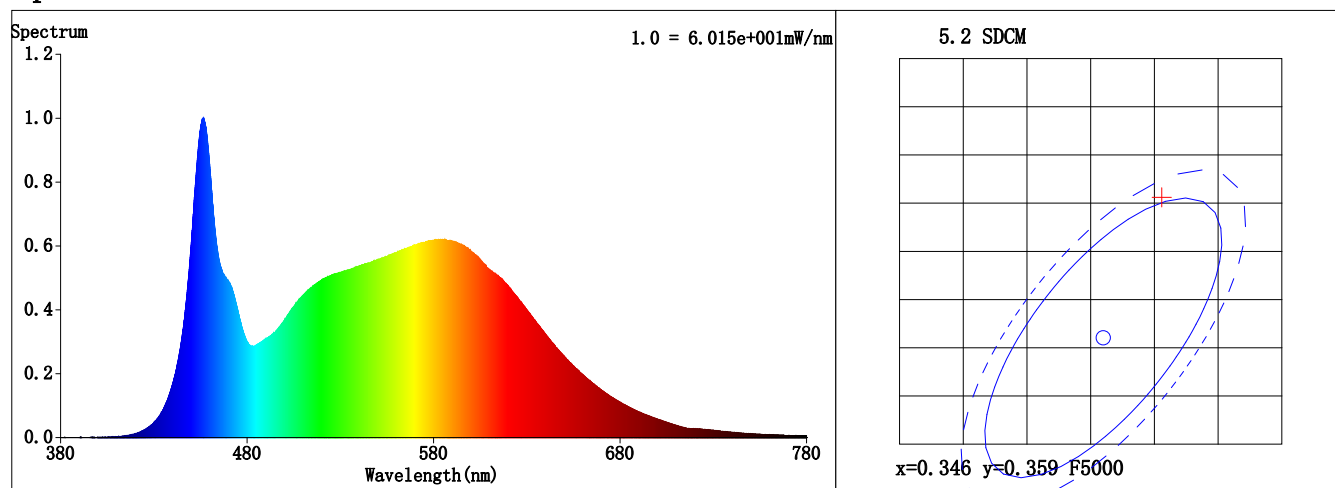
Date : 2017-05-06
Sam. Status :
Instrument : HaasSuite (EVERFINE)
Test by : Vande; Reviewed by: Harry Hu

Test Condition

Temperature : 24.6Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 51537 (79%)
T : 59 ms
Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3506$ $y = 0.3736$ / $u' = 0.2068$ $v' = 0.4958$ ($duv=8.55e-03$)

$T_c = 4881K$ $Pr_{cp} WL: \lambda_d = 568.4nm$ $Purity = 17.3\%$

Peak WL: $\lambda_p = 457nm$ Half Width: $\Delta\lambda_p = 20.1nm$ Ratio: R=16.5% G=79.0% B=4.5%

Render Index: $R_a = 80.4$

R1 =78 R2 =90 R3 =95 R4 =74 R5 =77 R6 =86 R7 =84

R8 =60 R9 =0 R10=76 R11=73 R12=51 R13=81 R14=97 R15=70

Photometric & Radiometric Quantities

Flux = 3061.4 lm Eff. : 122.50 lm/W $F_e = 9.1114 W$

Electrical parameters

V = 240.4 V I = 0.1078 A P = 24.99 W PF = 0.9643

EVERFINE

<http://www.everfine.cn>