

Spectrum Test Report

Sample : CLT-DNNF24140T16-8A29
Specification : CP17110955
Sample No. : 901004003023
Manufacturer : COOLIGHT

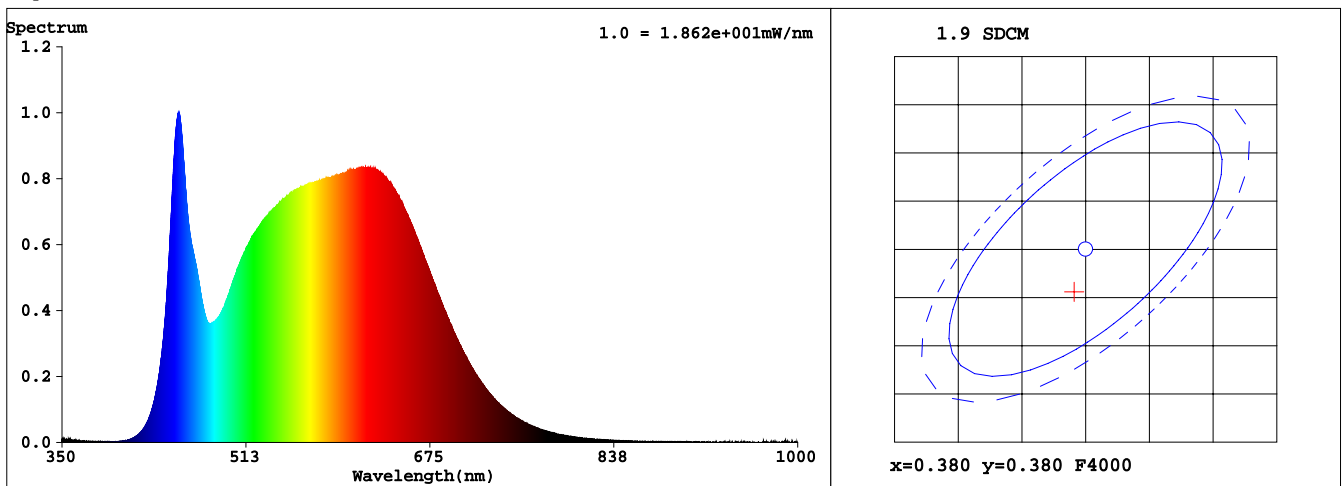
Date : 2017-12-27 23:57:34
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ---
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 41649 (64%)
T : 234 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3791$ $y = 0.3756$ / $u' = 0.2247$ $v' = 0.5009$ ($duv = -1.64e-04$)

CCT= 4028K Prcp WL: Ld=579.1nm Purity=26.5%

Peak WL: Lp=453nm FWHM: =26.8nm Ratio:R=19.6% G=76.2% B=4.2%

Render Index: Ra = 92.9 TM30:Rf=90 Rg=99

R1 =93 R2 =96 R3 =96 R4 =92 R5 =92 R6 =92 R7 =95

R8 =88 R9 =71 R10=88 R11=91 R12=69 R13=94 R14=97 R15=92

Photometric & Radiometric Parameters

Flux = 984.35 lm Eff. : 102.54 lm/W Fe = 3.4532 W Scotopic:1763.1 S/P:1.7911

Electrical parameters

V = 24.00 V I = 0.4000 A P = 9.600 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION