

## Spectrum Test Report

Sample :  
 Specification : FL50-110N-HP3  
 Sample No. : 4000K  
 Manufacturer :

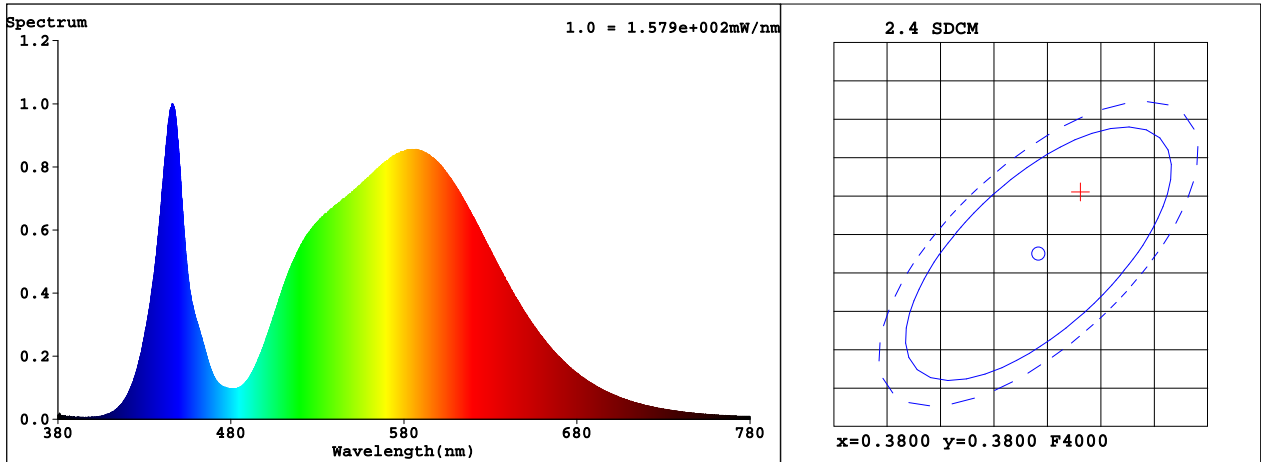
Date : 2023-12-19  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by :  
 Assessor : damin

### Test Condition

Temperature : 25.5Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 60.3%  
 IP : 51916 (79%)  
 T : 215 ms  
 Sensitivity : Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3834$   $y = 0.3864$  /  $u' = 0.2232$   $v' = 0.5062$  ( $duv=3.62e-03$ )

CCT= 3992K Prcp WL: Ld=577.3nm Purity=31.0%

Peak WL: Lp=446nm FWHM: =17.9nm Ratio:R=16.6% G=81.3% B=2.2%

Render Index: Ra = 71.3

R1 =68 R2 =77 R3 =85 R4 =72 R5 =68 R6 =68 R7 =80

R8 =52 R9 =0 R10=46 R11=68 R12=42 R13=69 R14=91 R15=61

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 7582.3 lm Eff. : 150.17 lm/W Fe = 21.454 W

### Electrical parameters

V = 220.2 V I = 0.2319 A P = 50.49 W PF = 0.9890