

## Spectrum Test Report

Sample : 5206001118  
 Specification : 光环-CCT Switch-EU壁灯  
 Sample No. : 3  
 Manufacturer : EVERFINE  
 Assessor : MJW  
 Remark : 1.0248-2

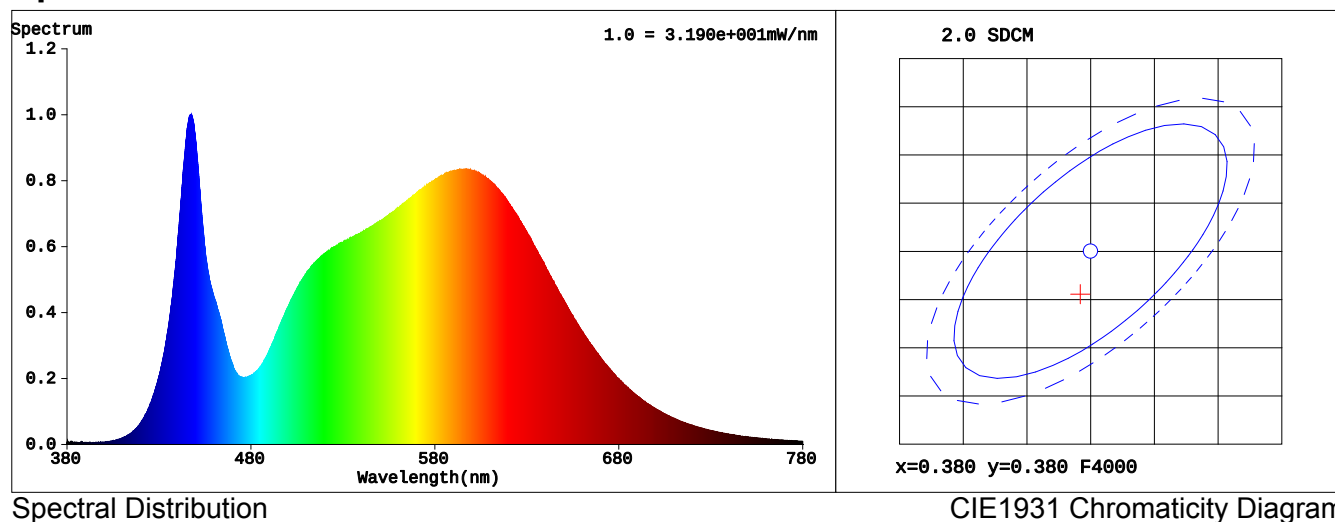
Date : 2022-09-14 08:17:53  
 Standardtus :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : XX

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Accuracy Test  
 Sensitivity : High

RH : 65.0%  
 IP : 50160 (77%)  
 T : 51 ms

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3792$   $y = 0.3755$  /  $u' = 0.2248$   $v' = 0.5009$  ( $duv = -2.07e-04$ )

CCT= 4026K Prcp WL:  $L_d = 579.1\text{nm}$  Purity=26.5%

Peak WL:  $L_p = 447\text{nm}$  FWHM:  $= 19.3\text{nm}$  Ratio: R=18.4% G=78.3% B=3.4%

Render Index:  $R_a = 83.2$

R1 =82 R2 =88 R3 =93 R4 =84 R5 =82 R6 =84 R7 =86

R8 =67 R9 =12 R10=72 R11=84 R12=65 R13=83 R14=96 R15=76

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 1551.5 lm Eff. : 140.84 lm/W  $F_e = 4.7390\text{ W}$

Flux of emitted photons( $\mu\text{mol/s}$ ):22.226 Fluo. and blue light ratio:4.872 Fluorescent eff.:257.5

### Electrical parameters

V = 230.3 V I = 0.06631 A P = 11.02 W PF = 0.7214 F=50.00 Hz

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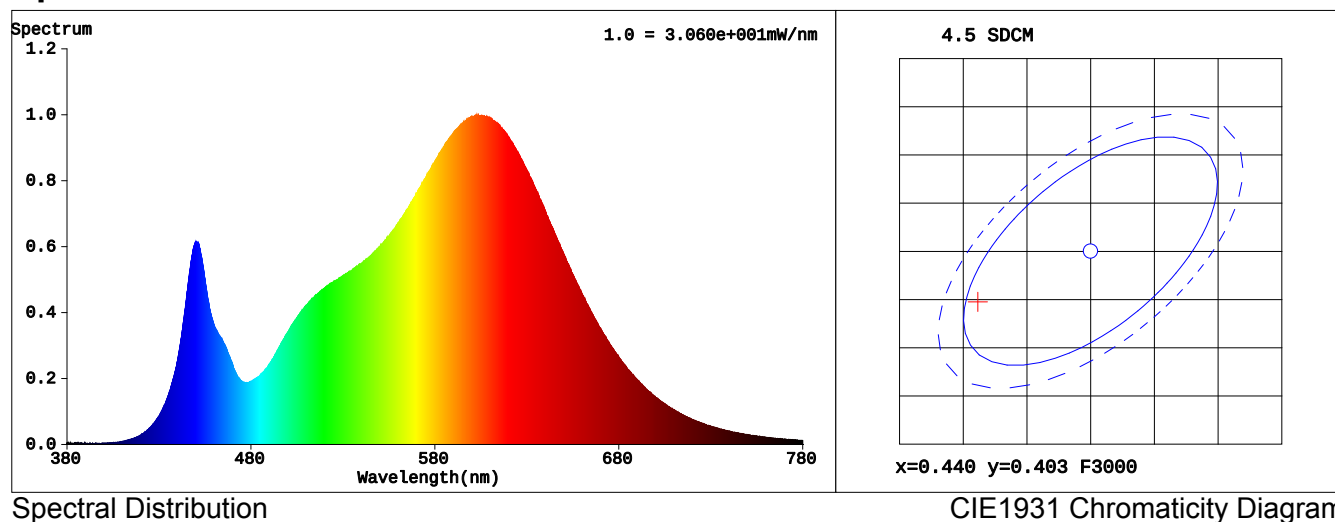
Date : 2022-09-14 08:22:16  
 Standardtus :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : XX

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Accuracy Test  
 Sensitivity : High

RH : 65.0%  
 IP : 51239 (78%)  
 T : 46 ms

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4312$   $y = 0.3977$  /  $u' = 0.2496$   $v' = 0.5180$  ( $duv = -1.74e-03$ )

CCT= 3048K Prcp WL: Ld=583.3nm Purity=48.8%

Peak WL: Lp=604nm FWHM: =129.4nm Ratio:R=22.9% G=74.4% B=2.7%

Render Index: Ra = 84.0

R1 =83 R2 =92 R3 =96 R4 =83 R5 =84 R6 =91 R7 =83  
 R8 =61 R9 =11 R10=82 R11=83 R12=75 R13=85 R14=99 R15=76  
 LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 1494.0 lm Eff. : 135.78 lm/W Fe = 4.5693 W

Flux of emitted photons( $\mu\text{mol/s}$ ):22.087 Fluo. and blue light ratio:8.148 Fluorescent eff.:266.3

### Electrical parameters

V = 230.3 V I = 0.06636 A P = 11.00 W PF = 0.7201 F=49.99 Hz