

## Spectrum Test Report

Sample :  
Specification : 14.1-FD29 6500K+2700K 6500K  
Sample No. : 1M  
Manufacturer :

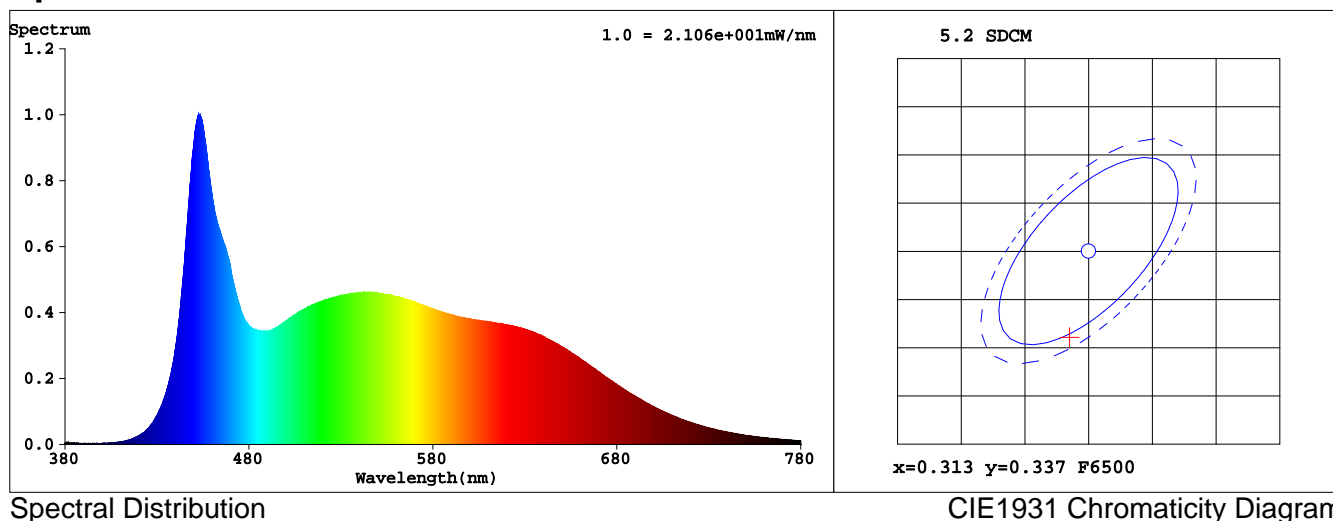
Date : 2018-08-09 09:03:53  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 48077 (73%)  
T : 176 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3115$   $y = 0.3281$  /  $u' = 0.1974$   $v' = 0.4676$  ( $duv=3.31e-03$ )

CCT= 6579K Prpc WL:  $L_d=488.6nm$  Purity=7.8%

Peak WL:  $L_p=453nm$  FWHM:  $=27.1nm$  Ratio: R=14.8% G=78.3% B=6.9%

Render Index:  $R_a = 92.9$

R1 =93 R2 =97 R3 =96 R4 =90 R5 =91 R6 =92 R7 =94  
R8 =89 R9 =74 R10=91 R11=90 R12=66 R13=95 R14=98 R15=92

### Photometric & Radiometric Parameters

Flux = 641.57 lm Eff. : 82.95 lm/W  $F_e = 2.2963 W$

### Electrical parameters

V = 24.00 V I = 0.3223 A P = 7.735 W PF = 1.000 F=0.00 Hz

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Manufacturer :

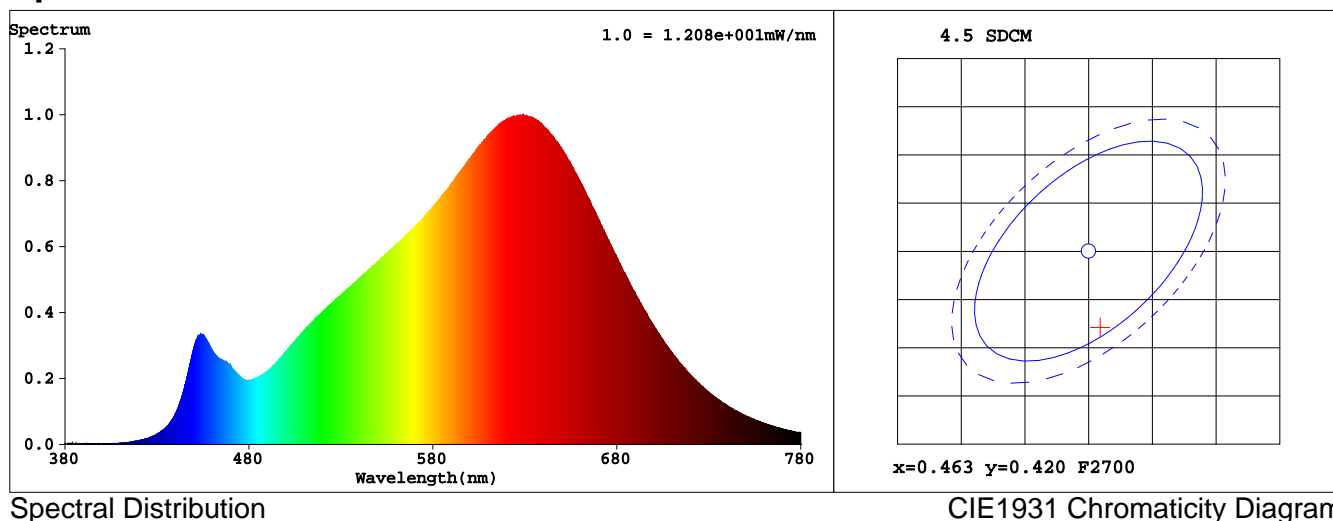
Date : 2018-08-09 09:04:56  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 50617 (77%)  
T : 192 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4639$   $y = 0.4121$  /  $u' = 0.2644$   $v' = 0.5285$  ( $duv=2.26e-04$ )

CCT= 2656K Prcp WL:  $L_d=584.4nm$  Purity=62.9%

Peak WL:  $L_p=629nm$  FWHM:  $=146.5nm$  Ratio:R=26.8% G=70.7% B=2.5%

Render Index:  $R_a = 93.5$

R1 =94 R2 =97 R3 =99 R4 =93 R5 =93 R6 =97 R7 =92  
R8 =83 R9 =64 R10=92 R11=93 R12=83 R13=95 R14=99 R15=90

### Photometric & Radiometric Parameters

Flux = 540.49 lm Eff. : 71.45 lm/W  $F_e = 1.9518 W$

### Electrical parameters

V = 24.00 V I = 0.3152 A P = 7.564 W PF = 1.000 F=0.00 Hz

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Sample No. : 1M  
Manufacturer :

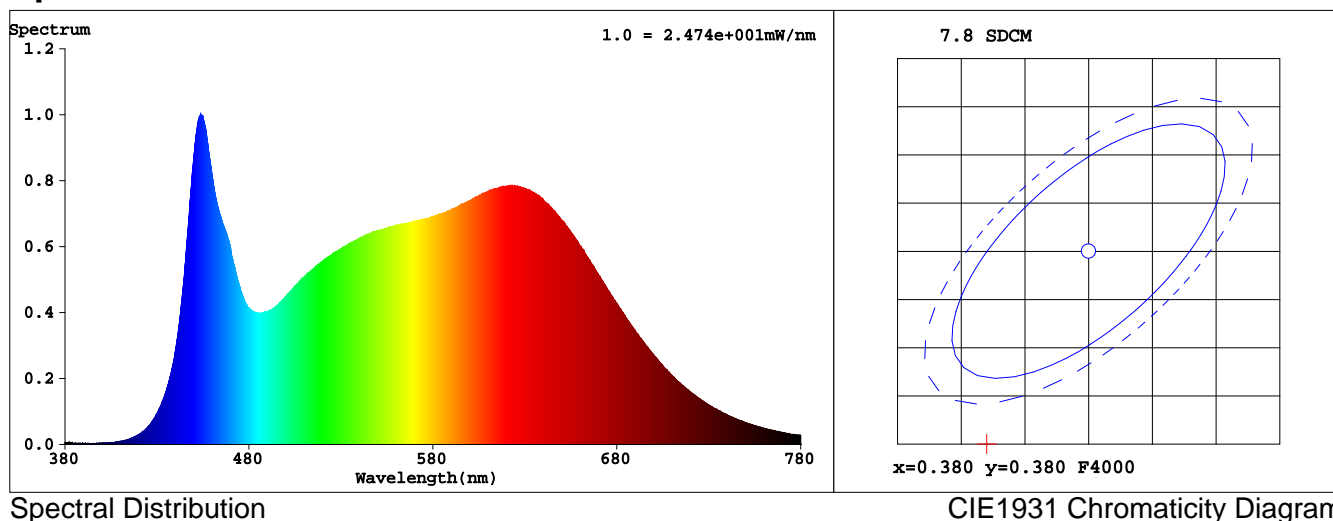
Date : 2018-08-09 09:06:32  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 50191 (77%)  
T : 115 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3720$   $y = 0.3600$  /  $u' = 0.2263$   $v' = 0.4927$  ( $duv = -5.54e-03$ )

CCT= 4116K Prpc WL:  $L_d = 582.7\text{nm}$  Purity=19.6%

Peak WL:  $L_p = 454\text{nm}$  FWHM:  $= 29.3\text{nm}$  Ratio: R=20.4% G=74.6% B=5.0%

Render Index:  $R_a = 95.9$

R1 =98	R2 =98	R3 =98	R4 =95	R5 =96	R6 =94	R7 =94
R8 =94	R9 =91	R10=98	R11=96	R12=74	R13=98	R14=99 R15=97

### Photometric & Radiometric Parameters

Flux = 1164.5 lm Eff. : 75.33 lm/W  $F_e = 4.2081\text{ W}$

### Electrical parameters

V = 24.00 V I = 0.6442 A P = 15.46 W PF = 1.000 F=0.00 Hz