

Spectrum Test Report

Sample : /
Specification : **8ft 80w 3500k**
Sample No. : 6
Manufacturer :

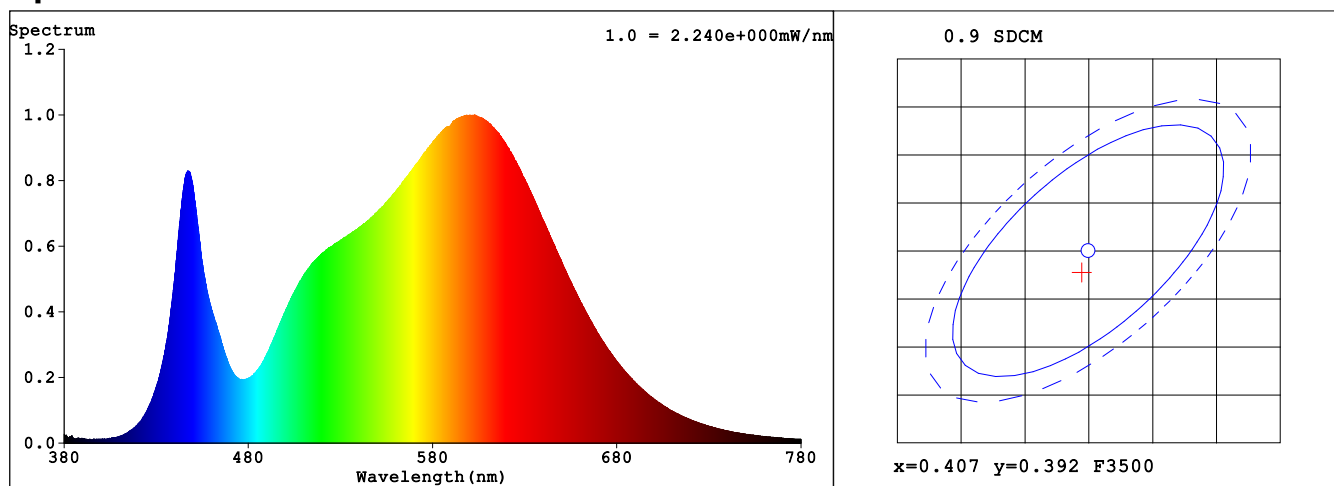
Date : 2024-10-09
Sam. Status : /
Instrument : HaasSuite(EVERFINE)
Test by : /
Assessor : damin

Test Condition

Temperature : 25.0Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 50652 (77%)
T : 50 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4068$ $y = 0.3895$ / $u' = 0.2372$ $v' = 0.5110$ ($duv = -8.78e-04$)

CCT= 3457K Prcp WL: $L_d = 581.4\text{nm}$ Purity=39.0%

Peak WL: $L_p = 603\text{nm}$ FWHM: $=145.4\text{nm}$ Ratio: R=20.6% G=76.6% B=2.8%

Render Index: $R_a = 83.3$ CRI = 77.4

R1 =82 R2 =89 R3 =95 R4 =83 R5 =82 R6 =86 R7 =85

R8 =63 R9 =10 R10=75 R11=83 R12=69 R13=83 R14=97 R15=75

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 12743 lm Eff. : 166.11 lm/W $F_e = 38.650\text{ W}$

Electrical parameters

V = 119.9 V I = 0.6414 A P = 76.71 W PF = 0.9976 F=59.98 Hz

Spectrum Test Report

Sample : /
Specification : **8ft 80w 3000k**
Sample No. : 7
Manufacturer :

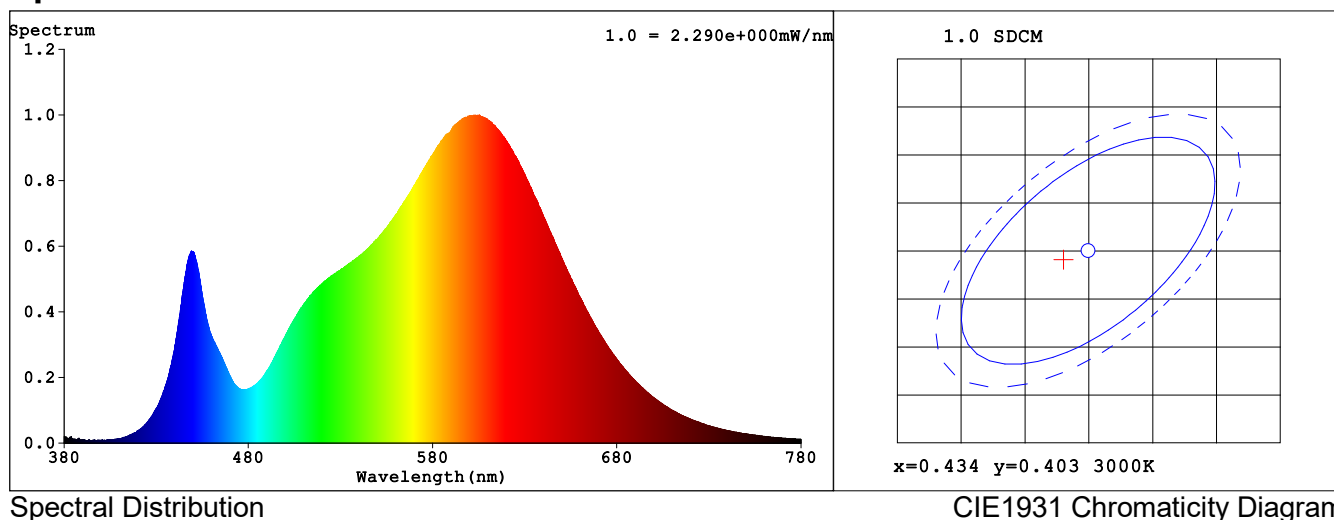
Date : 2024-10-09
Sam. Status : /
Instrument : HaasSuite(EVERFINE)
Test by : /
Assessor : damin

Test Condition

Temperature : 24.9Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 51755 (79%)
T : 50 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4319$ $y = 0.4024$ / $u' = 0.2481$ $v' = 0.5200$ ($duv=2.48e-05$)
CCT= 3072K Prcp WL: $L_d=582.5nm$ Purity=50.4%
Peak WL: $L_p=605nm$ FWHM: $=132.3nm$ Ratio:R=22.4% G=75.2% B=2.4%

Render Index: $R_a = 82.2$ CRI = 76.5

R1 =80 R2 =90 R3 =97 R4 =81 R5 =81 R6 =87 R7 =83
R8 =59 R9 =5 R10=77 R11=81 R12=70 R13=82 R14=99 R15=73
LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 12148 lm Eff. : 150.86 lm/W Fe = 36.529 W

Electrical parameters

V = 120.0 V I = 0.6728 A P = 80.52 W PF = 0.9978 F=59.98 Hz

Spectrum Test Report

Sample : /
Specification : **8ft 80w 4000k**
Sample No. : 8
Manufacturer :

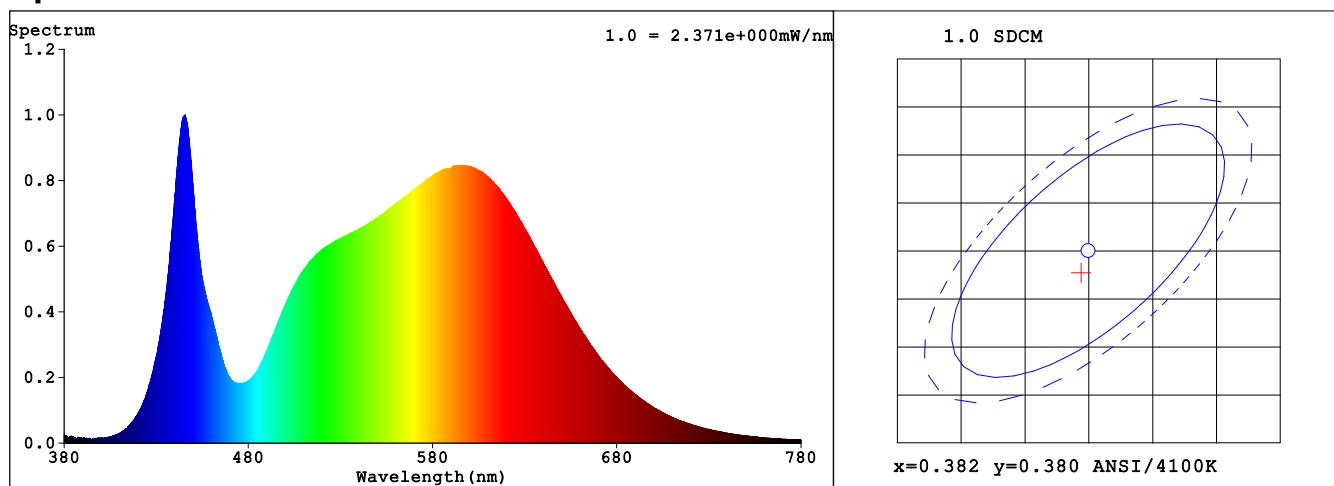
Date : 2024-10-09
Sam. Status : /
Instrument : HaasSuite(EVERFINE)
Test by : /
Assessor : damin

Test Condition

Temperature : 25.0Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 45031 (69%)
T : 50 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3812$ $y = 0.3774$ / $u' = 0.2254$ $v' = 0.5020$ ($duv=7.40e-05$)

CCT= 3984K Prcp WL: $L_d=579.1nm$ Purity=27.7%

Peak WL: $L_p=446nm$ FWHM: $=18.9nm$ Ratio:R=18.4% G=78.4% B=3.2%

Render Index: $R_a = 82.5$ CRI = 76.2

R1 =81 R2 =87 R3 =92 R4 =84 R5 =82 R6 =83 R7 =86

R8 =66 R9 =10 R10=69 R11=84 R12=66 R13=82 R14=95 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 12345 lm Eff. : 153.10 lm/W $F_e = 37.683 W$

Electrical parameters

V = 120.0 V I = 0.6737 A P = 80.64 W PF = 0.9978 F=59.98 Hz