

LIGHT SOURCE TEST REPORT

Specification : NF/SP-LINE2-0-80-120V-TN
Length : 1M

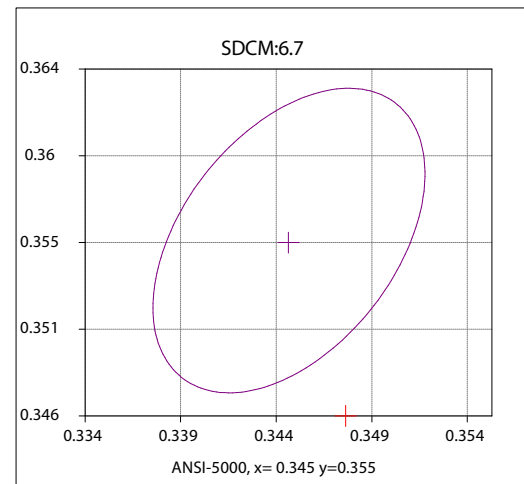
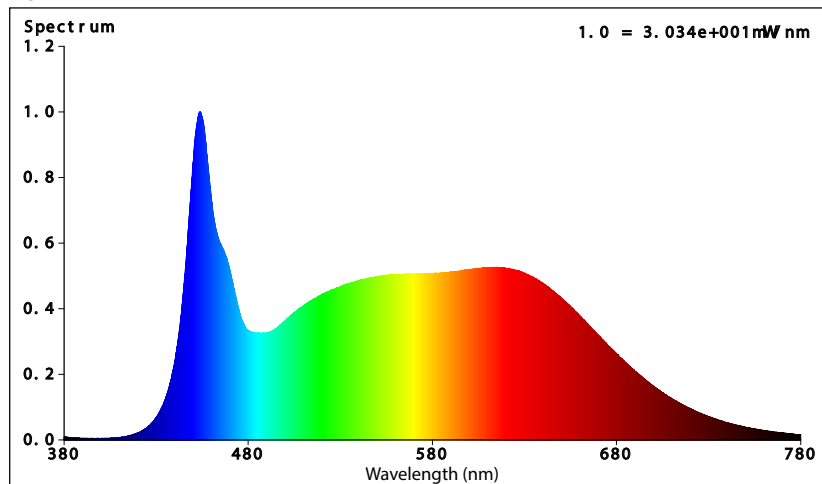
Date : 2021-10-07 16:55:54
Instrument : HaasSuite(EVERFINE)

Test Condition :

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

RH : 65.0%
IP : 54495 (83%)
T : 153 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3477$ $y = 0.3452$ / $u' = 0.2157$ $v' = 0.4819$ ($duv = -4.34e-03$) $Dx, Dy: -0.0009, -0.0092$

CCT= 4881K Prcp WL: $L_d = 580.5nm$ Purity=7.9%

Peak WL: $L_p = 454nm$ FWHM: $\approx 25.1nm$ Ratio: R=18.3% G=76.0% B=5.7%

Render Index: $R_a = 94.7$ AvgR = 93.0 TM30: $R_f = 91$ $R_g = 101$

EEL: 0.14338 A+

R1 =97 R2 =99 R3 =97 R4 =93 R5 =94 R6 =93 R7 =94

R8 =92 R9 =86 R10=97 R11=94 R12=67 R13=99 R14=99 R15=96

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1067.1 lm Eff.: 91.84 lm/W $F_e = 3.8111 W$

Flux of emitted photons($\mu mol/s$): 17.952 Fluo. and blue light ratio: 3.424 Fluorescent eff.: 139.6

Electrical parameters

V = 120.02 V I = 0.1761 A P = 11.62 W PF = 0.5499 F=59.98 Hz

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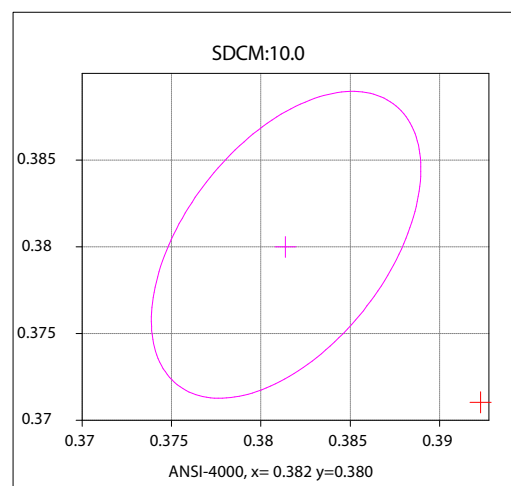
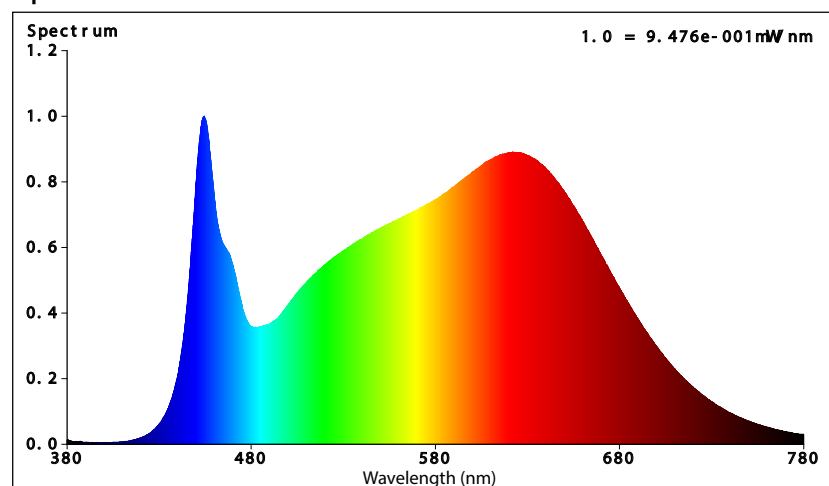
Date : 2021-10-07 16:58:23
 Instrument : HaasSuite(EVERFINE)

Test Condition :

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

RH : 65.0%
 IP : 47989 (73%)
 T : 2766 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3927 y = 0.3711 / u' = 0.2356 v' = 0.5009 (duv=-5.97e-03) Dx,Dy:-0.0055,-0.0160

CCT= 3630K Prcp WL: Ld=583.7nm Purity=29.2%

Peak WL: Lp=455nm FWHM: =25.6nm Ratio:R=22.0% G=73.7% B=4.3%

Render Index: Ra = 95.5 AvgR = 94.2 TM30:Rf=92 Rg=101

EEL: 0.17785 A

R1 =98 R2 =98 R3 =98 R4 =95 R5 =97 R6 =94 R7 =93

R8 =91 R9 =84 R10=98 R11=95 R12=76 R13=99 R14=99 R15=98

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 46.778 lm Eff. : 31.65 lm/W Fe = 167.69 mW

Flux of emitted photons(μmol/s):0.81325 Fluo. and blue light ratio:5.497 Fluorescent eff.:7.643

Electrical parameters

V = 120.07 V I = 0.1546 A P = 1.478 W PF = 0.07961 F=59.98 Hz

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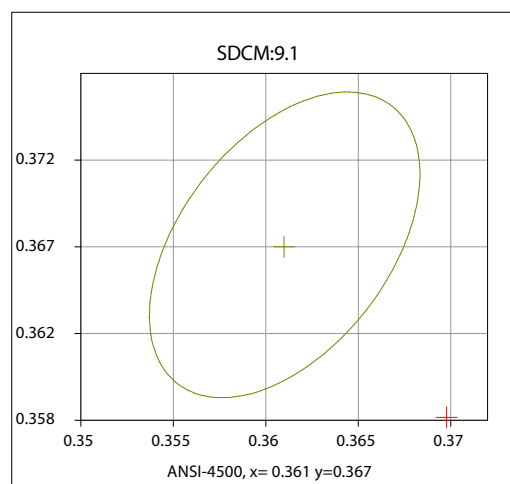
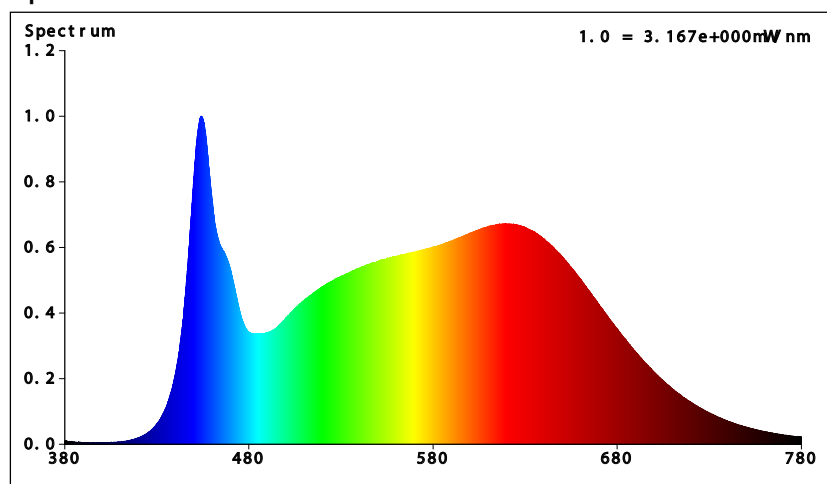
Date : 2021-10-07 16:59:22
Instrument : HaasSuite(EVERFINE)

Test Condition :

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

RH : 65.0%
IP : 53499 (82%)
T : 1211 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3700$ $y = 0.3577$ / $u' = 0.2259$ $v' = 0.4913$ ($duv = -6.02e-03$) $Dx, Dy: -0.0033, -0.0145$

CCT= 4170K Prcp WL: $L_d = 583.2nm$ Purity=18.3%

Peak WL: $L_p = 454nm$ FWHM: $\approx 25.1nm$ Ratio: $R = 20.3\%$ $G = 74.7\%$ $B = 5.0\%$

Render Index: $R_a = 95.4$ $AvgR = 94.0$ TM30: $R_f = 91$ $R_g = 101$

EEL: 0.14973 A+

R1 =97	R2 =98	R3 =98	R4 =95	R5 =95	R6 =94	R7 =94
R8 =93	R9 =88	R10 =98	R11 =95	R12 =72	R13 =98	R14 =99
						R15 =97

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 128.80 lm Eff.: 52.78 lm/W $Fe = 461.70 mW$

Flux of emitted photons($\mu mol/s$): 2.2083 Fluo. and blue light ratio: 4.428 Fluorescent eff.: 19.13

Electrical parameters

$V = 120.07 V$ $I = 0.1640 A$ $P = 2.440 W$ $PF = 0.1239$ $F = 59.98 Hz$