

LIGHT SOURCE TEST REPORT

Specification : NF/SP-LINE2-O-80-120V-5000K
Length : 1M

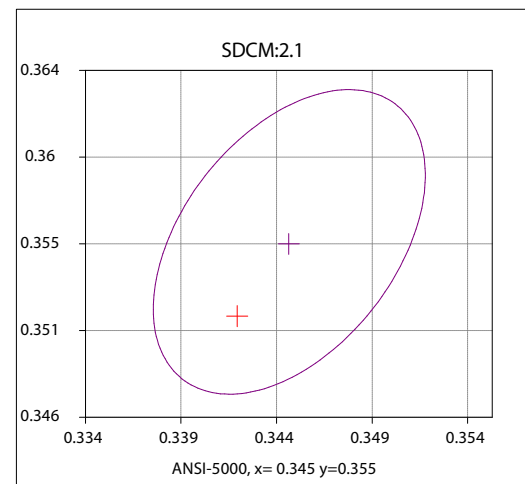
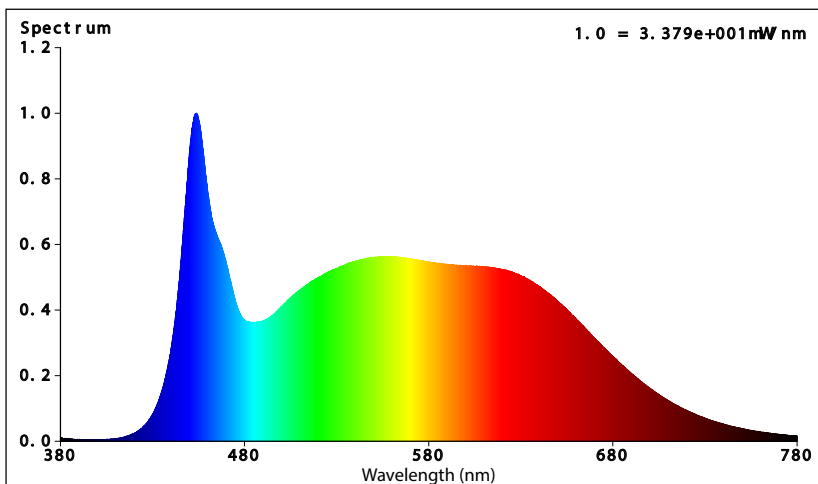
Date : 2021-08-25 08:55:03
Instrument : HaasSuite(EVERFINE)

Test Condition

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

RH : 65.0%
IP : 51863 (79%)
T : 122 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3420$ $y = 0.3513$ / $u' = 0.2094$ $v' = 0.4841$ ($duv=1.11e-03$) $Dx, Dy: 0.0001, 0.0023$

CCT= 5119K Prcp WL: $L_d=569.6nm$ Purity=8.0%

Peak WL: $L_p=454nm$ FWHM: $=27.2nm$ Ratio: $R=17.0\%$ $G=77.4\%$ $B=5.7\%$

Render Index: $R_a = 92.9$ $AvgR = 90.0$ TM30: $R_f=90$ $R_g=98$

EEL: 0.15482 A+

$R_1=93$ $R_2=97$ $R_3=97$ $R_4=91$ $R_5=92$ $R_6=93$ $R_7=94$

$R_8=87$ $R_9=69$ $R_{10}=91$ $R_{11}=91$ $R_{12}=70$ $R_{13}=95$ $R_{14}=98$ $R_{15}=92$

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1291.1 lm Eff.: 87.89 lm/W $Fe = 4.4864 W$

Flux of emitted photons($\mu mol/s$): 21.028 Fluo. and blue light ratio: 3.438 Fluorescent eff.: 233.0

Electrical parameters

$V = 120.03 V$ $I = 0.1243 A$ $P = 14.69 W$ $PF = 0.9843$ $F = 59.98 Hz$