

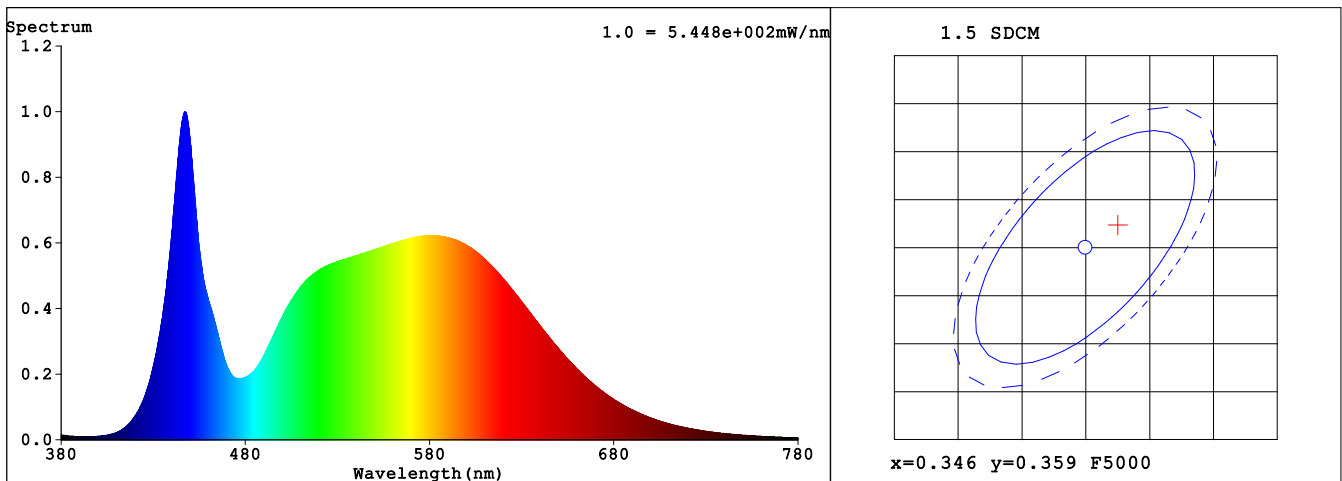
Spectrum Test Report

Sample	:	Date	: 2023-09-26 21:14:00
Specification	: HB39-150	Sam. Status	:
Sample No.	: 1	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	: ---	Test by	: LSS
Device SN	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50156 (77%)
Test Mode	: Fast Test	T	: 54 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3486$ $y = 0.3614$ / $u' = 0.2100$ $v' = 0.4899$ ($duv=3.46e-03$) $Dx, Dy: 0.0008, 0.0076$

CCT= 4908K Prcp WL: $L_d=570.9nm$ Purity=13.0%

Peak WL: $L_p=447nm$ FWHM: =19.2nm Ratio:R=15.5% G=80.6% B=3.9%

Render Index: $R_a = 80.4$ White Factor: 0.19352 $v'_{white} = 0.4914$ AvgR = 72.6 TM30:Rf=82 Rg=96

TLCI=71.22 EEI: 0.09638 A++ Highest

R1 =78.1 R2 =84.3 R3 =89.9 R4 =81.3 R5 =78.9 R6 =79.1 R7 =86.4

R8 =65.4 R9 =-1.3 R10=63.6 R11=80.5 R12=57.8 R13=79.2 R14=94.5 R15=71.9

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 21304 lm Eff. : 141.34 lm/W $F_e = 65.179 W$ Scotopic:39981 S/P:1.8767

Flux of emitted photons($\mu mol/s$):299.39 Fluo. and blue light ratio:3.690 Fluorescent eff.:332.0

Photosynthetic:PPF(400-700nm):292.61 $\mu mol/s$ PRF(400-700nm):64006mW

Eff(PPF) (400-700nm):1.94 $\mu mol/s/W$

Electrical parameters

V = 229.54 V I = 0.6732 A P = 150.7 W PF = 0.9755 F=49.99 Hz