

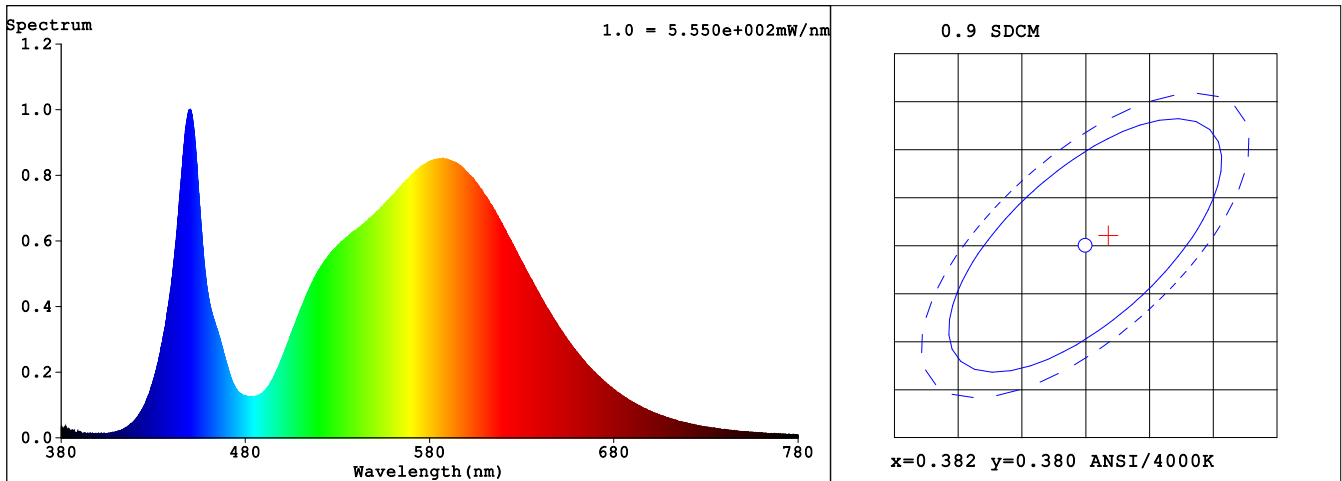
Spectrum Test Report

Sample	:	Date	: 2023-10-06 09:10:22
Specification	: HB42-150/HD	Sam. Status	:
Sample No.	: 2	Standard	:
Manufacturer	: /	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	: LCX
Device SN	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 6952 (11%)
Test Mode	: Fast Test	T	: 10 ms
Sensitivity	: Low		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3836$ $y = 0.3808$ / $u' = 0.2256$ $v' = 0.5038$ ($duv=9.52e-04$) $Dx, Dy: 0.0007, 0.0025$

CCT= 3945K Prcp WL: $L_d=578.8nm$ Purity=29.4%

Peak WL: $L_p=450nm$ FWHM: =17.8nm Ratio:R=17.1% G=80.4% B=2.5%

Render Index: $R_a = 73.4$ White Factor: 0.20568 $v'_{white} = 0.5052$ AvgR = 63.6 TM30:Rf=76 Rg=94

TLCI=48.09 EEI: 0.07932 A++ Highest

R1 =70 R2 =80 R3 =88 R4 =72 R5 =70 R6 =72 R7 =81

R8 =52 R9 =-29 R10=53 R11=68 R12=44 R13=72 R14=93 R15=64

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 25953 lm Eff. : 171.73 lm/W Fe = 74.602 W Scotopic:39629 S/P:1.5269

Flux of emitted photons($\mu mol/s$):348.97 Flu. and blue light ratio:4.392 Fluorescent eff.:397.8

Photosynthetic:PPF(400-700nm):340.03 $\mu mol/s$ PRF(400-700nm):73032mW

Eff(PPF) (400-700nm):2.25 $\mu mol/s/W$

Electrical parameters

V = 229.97 V I = 0.6644 A P = 151.1 W PF = 0.9891 F=49.99 Hz