

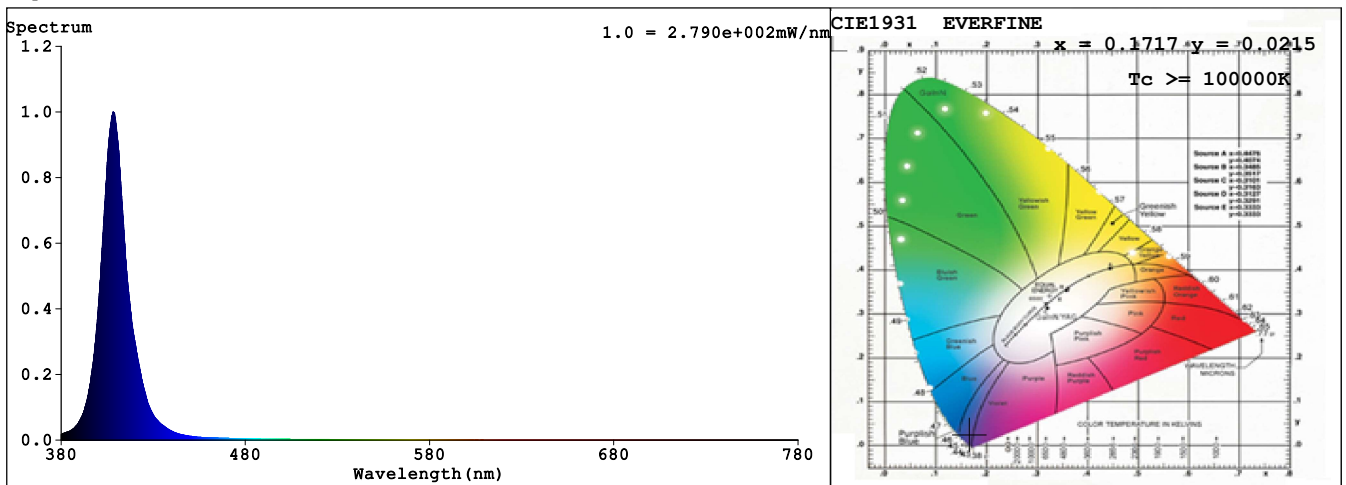
Spectrum Test Report

Sample :	Date :	2020-06-30 15:58:59
Specification :	Sam. Status :	
Sample No. : #2	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 53373 (81%)
Test Mode : Fast Test	T : 57 ms
	Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.1717$ $y = 0.0215$ / $u' = 0.2356$ $v' = 0.0663$ ($duv = -2.28e-01$)

$T_c \geq 100000K$ Prcp WL: $\lambda_d = 437.7nm$ Purity=96.4%

Peak WL: $\lambda_p = 408nm$ Half Width: $\Delta\lambda_p = 14.5nm$ Ratio: R=5.4% G=52.6% B=42.0%

Render Index: $R_a = 9.6$

R1 =41	R2 =0	R3 =0	R4 =0	R5 =36	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=53	R14=0	R15=79

Photometric & Radiometric Quantities

Flux = 31.295 lm Eff. : 1.82 lm/W Fe = 5.1601 W

Flux of emitted photons($\mu mol/s$):1.775 Flu. and blue light ratio:1.284 Fluorescent eff.:16.94

Electrical parameters

V = 24.00 V I = 0.7175 A P = 17.22 W PF = 1.000