

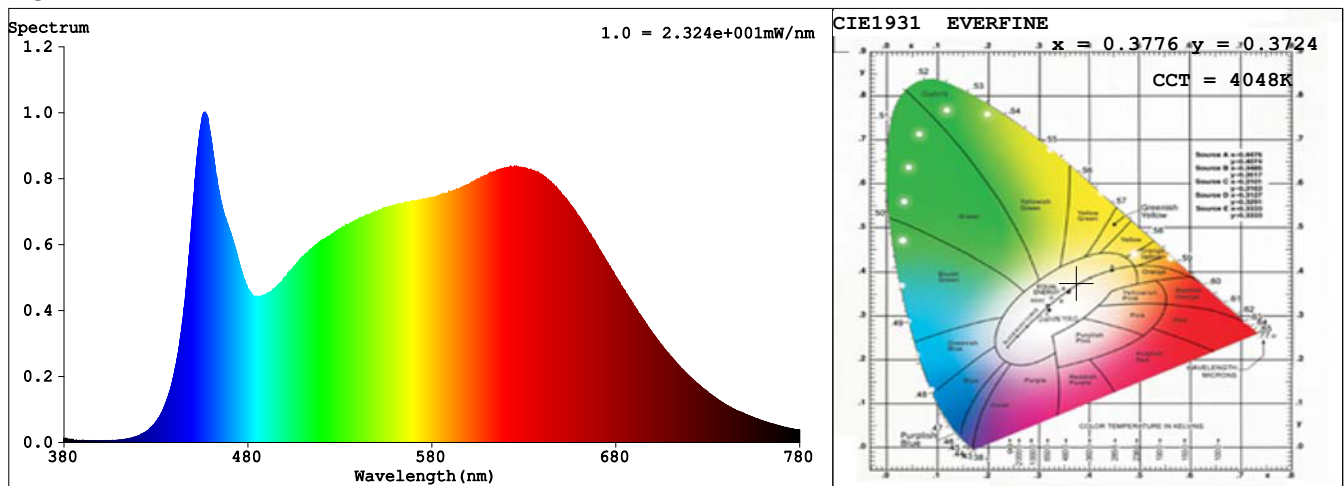
Spectrum Test Report

Sample : Date : 2019-04-18 13:59:45
 Specification : FEN14WT-P7-G1 28LZ940 24V180S 1010L05 Sam. Status :
 Sample No. : 4970 Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by :
 Assessor : damin
 Remark :

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 52859 (81%)
 Test Mode : Fast Test T : 198 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3776$ $y = 0.3724$ / $u' = 0.2250$ $v' = 0.4992$ ($duv = -1.21e-03$)

CCT= 4048K Prcp WL: $L_d = 579.6\text{nm}$ Purity=25.1%

Peak WL: $L_p = 457\text{nm}$ FWHM: $= 30.7\text{nm}$ Ratio: R=20.2% G=74.8% B=5.0%

Render Index: $R_a = 95.6$ CRI = 94.3 AvgR = 94.4 TM30:Rf=90 Rg=99

R1 =98 R2 =99 R3 =99 R4 =93 R5 =95 R6 =96 R7 =93

R8 =93 R9 =90 R10=99 R11=95 R12=72 R13=99 R14=100 R15=96

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1181.9 lm Eff. : 79.81 lm/W $F_e = 4.2828$ W

Flux of emitted photons($\mu\text{mol/s}$):20.703 Flu. and blue light ratio:5.001 Fluorescent eff.:241.1

Electrical parameters

V = 24.00 V I = 0.6171 A P = 14.81 W PF = 1.000 F=0.00 Hz