

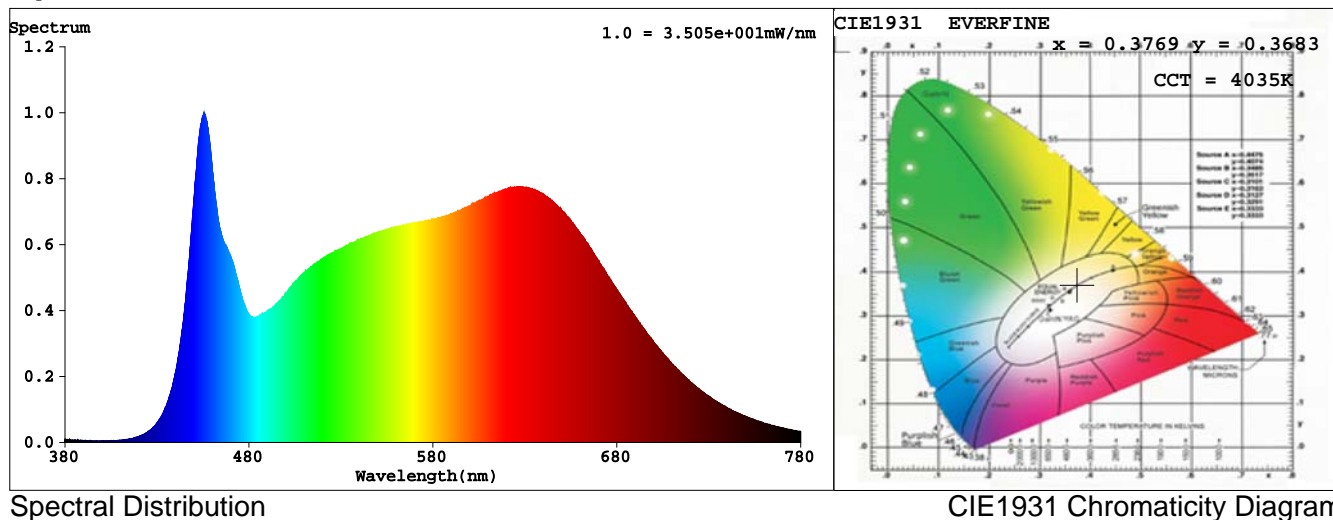
Spectrum Test Report

Sample	:		Date	:	2018-12-11 17:26:04
Specification	:	FH19W-P0-G1 28LZ940 24V240S W10L05	Sam. Status	:	
Sample No.	:	2317	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50399 (77%)
Test Mode	:	Fast Test	T	:	125 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3769$ $y = 0.3683$ / $u' = 0.2262$ $v' = 0.4973$ ($duv = -2.99e-03$)

CCT= 4035K Prpc WL: $L_d = 580.8\text{nm}$ Purity=23.6%

Peak WL: $L_p = 456\text{nm}$ FWHM: $\approx 27.1\text{nm}$ Ratio: R=20.5% G=74.6% B=4.9%

Render Index: $R_a = 96.3$ CRI = 95.0 AvgR = 95.1 TM30: $R_f = 91$ $R_g = 100$

$R_1 = 98$ $R_2 = 98$ $R_3 = 99$ $R_4 = 95$ $R_5 = 96$ $R_6 = 95$ $R_7 = 95$

$R_8 = 95$ $R_9 = 94$ $R_{10} = 99$ $R_{11} = 97$ $R_{12} = 73$ $R_{13} = 99$ $R_{14} = 99$ $R_{15} = 96$

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1626.4 lm Eff. : 90.36 lm/W $F_e = 5.9387\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):28.704 Fluo. and blue light ratio:5.143 Fluorescent eff.:276.3

Electrical parameters

V = 24.00 V I = 0.7500 A P = 18.00 W PF = 1.000 F=0.00 Hz