

Light Source Parameter Test Report

Manufacture information

Product type: 36W/6500K
Product number: FT36T8S965G13
Manufacturer: Divetta

Test date: 2014-03-12
Temperature: 28.2°C
Humidity: 65.0%RH

CIE Color parameter

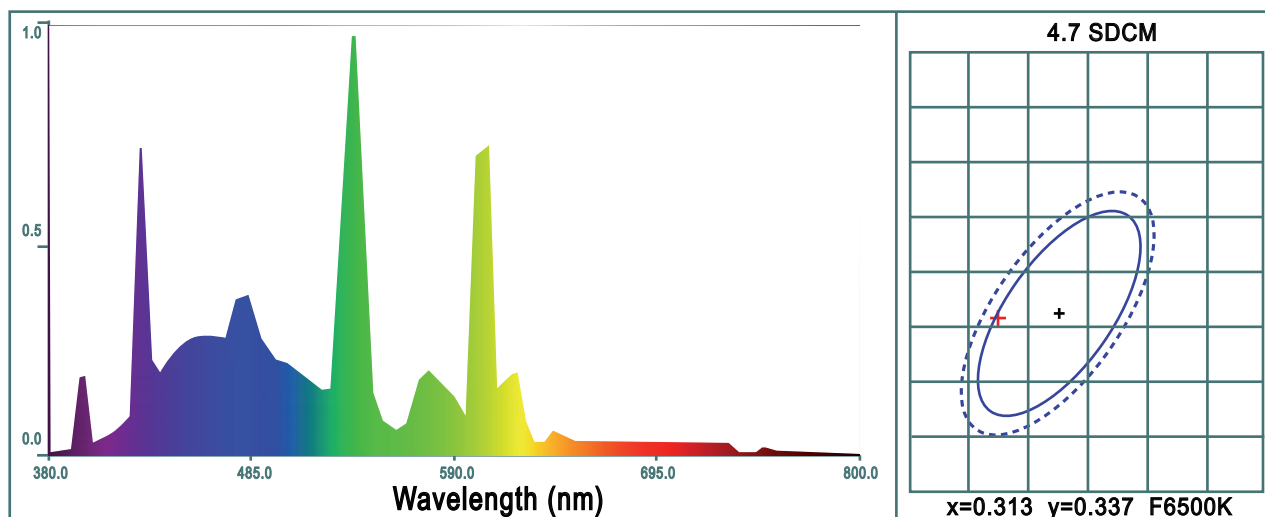
Coordinate: $x = 0.3077$ $x = 0.3365$
 $u = 0.1916$ $v = 0.3144$
Red Ratio: $R = 19.3\%$
Half Width: $\Delta \lambda d = 9.9\text{nm}$

CCT: $T_c = 6685\text{K}$
Main Wave: $\lambda d = 493.3\text{nm}$
Blue Ratio: $B = 7.6\%$
Chromatism: $\text{SDCM} = 4.7$

Purity: Purity = 8.5%
Peak Wave: $\lambda p = 545.0\text{nm}$
Green Ratio: $G73.2\%$

Color rendering property: $R_a = 94.3$

R1 = 92.1	R2 = 96.3	R3 = 80.8	R4 = 96.6	R5 = 98.3
R6 = 97.7	R7 = 98.6	R8 = 93.9	R9 = 68.8	R10 = 84.8
R11 = 92.6	R12 = 89.4	R13 = 90.1	R14 = 86.4	R15 = 93.1



Luminosity parameter

Flux: $\Phi = 2994.3\text{lm}$
Luminous efficacy: 79.6lm/W

Radiant flux: 10.1W
Stability: 0.4%

30CM Illuminance: 0.01x
Scan Range: $380\text{-}800\text{nm}$

Electric parameter

Voltage: $U = 105.50\text{V}$
Power: $P = 37.60\text{W}$

Current: $I = 2.4340\text{A}$
Power factor: $\text{PF} = 0.8220$