

Light Source Parameter Test Report

Manufacture information

Product type: 36W/6500K
Product number: FT36T9S965G13
Manufacturer: Divetta

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

CIE Color parameter

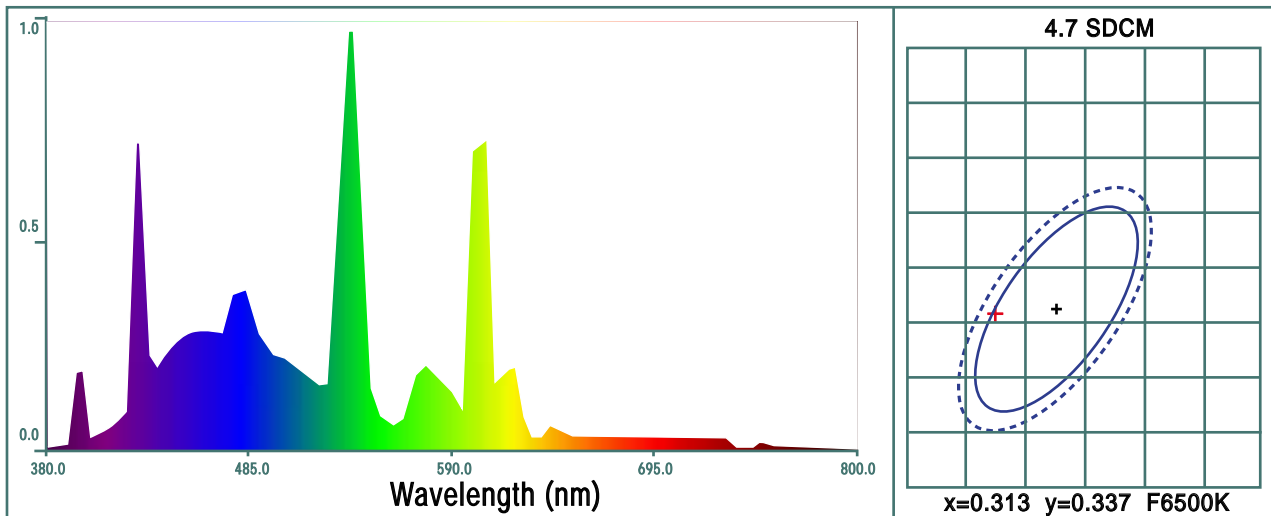
Coordinate: $x = 0.3077$ $x = 0.3365$
 $u = 0.1916$ $v = 0.3144$
Red Ratio: $R = 19.3\%$
Half Width: $\Delta \lambda d = 9.9\text{nm}$

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: $\text{Purity} = 8.5\%$
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 II luminance: 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: $\text{PF} = 0.8220$