

# Light source spectrum test report



Product number :  
Product Code : G45 Clear 2700K  
manufacturer :

Test date : 2019-08-02  
test instrument : HAAS-2000  
(EVERFINE)  
Testers :

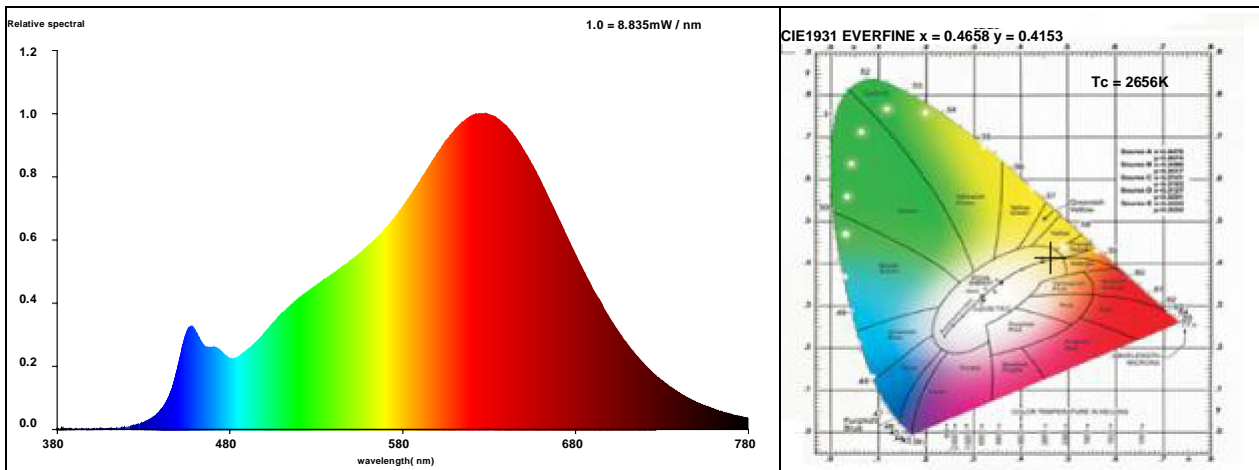
## Test Conditions

Ambient temperature : 25.3Deg  
Test Range : 380nm-780nm

environment humidity : 65.0%  
Peak IP : 47438 (72%)  
Integration time : 133 ms  
Sensitivity : high

Measurement mode : Quick Test

## Spectral parameters



Spectral distribution

CIE1931 Chromaticity diagram

## CIE Color parameters:

Chromaticity coordinates:  $x = 0.4658$   $y = 0.4153$  /  $u' = 0.2642$   $v' = 0.5300$  ( $duv = 1.27e-03$ )

CCT:  $T_c = 2656K$  Dominant wavelength:  $\lambda_d = 584.0nm$  Color purity: Purity = 64.5%

Peak wavelength:  $\lambda_p = 628nm$  Half width:  $\Delta\lambda_p = 142.7nm$  Color ratio: R = 28.8% G = 68.8% B = 2.4%

CRI:  $R_a = 94.4$

$R_1 = 96$   $R_2 = 99$   $R_3 = 98$   $R_4 = 94$   $R_5 = 95$   $R_6 = 97$   $R_7 = 91$   $R_8 = 84$   $R_9 = 66$   $R_{10} = 97$   $R_{11} = 97$   $R_{12} = 86$   $R_{13} = 97$   $R_{14} = 99$   $R_{15} = 91$

## Light parameters:

Flux  $\Phi = 392.2$  lm Luminous efficiency: 95.86 lm / W Radiant Flux  $\Phi_e = 1.410$  W

The number of photons (  $\mu mol / s$ ):  $7.096e-001$  Blu-ray fluorescence ratio: 15.15 Fluorescence performance: 28.49

## Electrical parameters:

Voltage  $V = 240.6$  V Electric current  $I = 0.01930$  A power  $P = 4.092$  W Power Factor PF = 0.8810

**EVERFINE**

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