

# Report of Spectroradiometric & Electric Analysis for Light Source

Model No.:

Sample SN:

Manufacturer: Globalux

Tested By:

Description:

Test Report No.:

Date:

Reviewed By:

## Test Condition

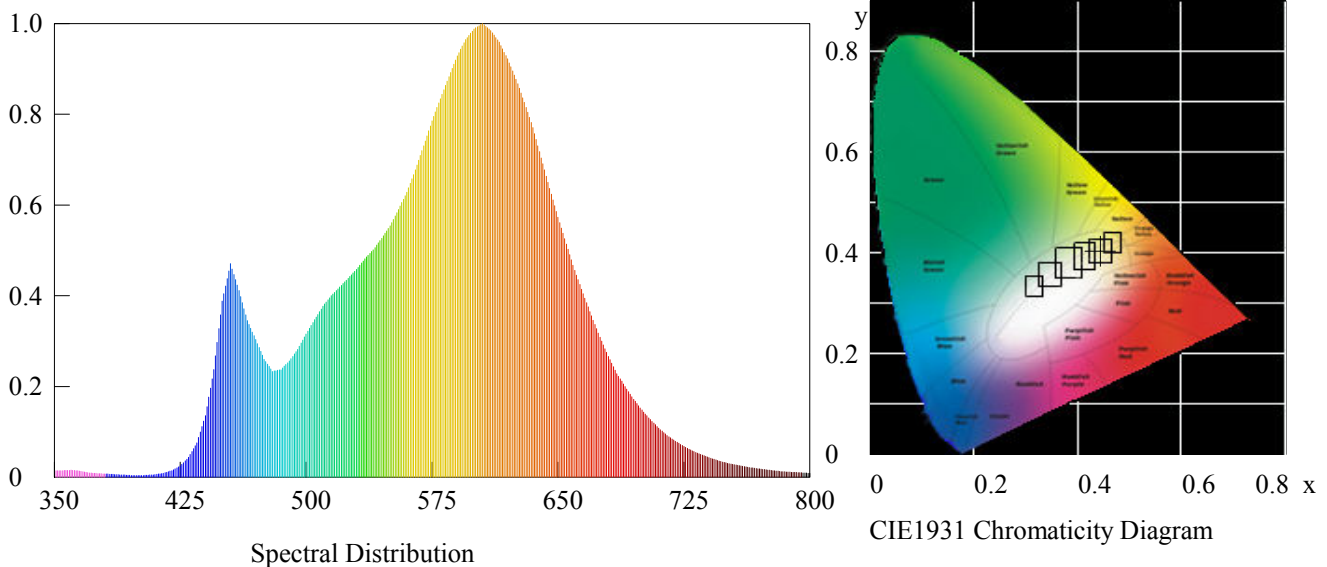
Temperature: 25°C

Spectrum Range: 350-800 nm

RH: 58%

Scan Step: 5 nm

## Spectroradiometric Parameters



Chromaticity Coordinates:  $x=0.4427$   $y=0.4035$   $u'=0.2545$   $v'=0.522$

Correlated Color Temperature: 2900 K

Dominant Wavelength: 582.0 nm(E)

Colour Fidelity Index:  $R_f=83$

Gamut Index:  $R_g=93$

Luminous Flux: 1461.07 lm

Purity: 0.5425

Chromaticity Difference:  $-0.00096$ Duv

Peak Wavelength: 605.0 nm

Color Ratio:  $K_r=46.3\%$   $K_g=46.2\%$   $K_b=7.5\%$

Bandwidth: 119.1nm

Radiant Flux: 6.774 W

Rendering Index:  $R_a=83.1$

$R_1=83$   $R_2=94$   $R_3=93$   $R_4=80$   $R_5=83$   $R_6=94$   $R_7=80$   $R_8=58$

$R_9=9$   $R_{10}=87$   $R_{11}=80$   $R_{12}=77$   $R_{13}=87$   $R_{14}=97$   $R_{15}=75$   $R_e=78$

## Electric Parameters

Voltage: 120.03 V

Current: 0.167 A

Power Factor: 0.992

Power: 19.96 W

Luminous Efficacy: 73.2 lm/W