

Light Source Test Report

Production Info

Product Category: Grow_FarRed

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2558$ $y=0.2202$ $u(u')=0.1994$ $v=0.2575$ $v'=0.3862$

CCT: $T_c=100000K$ ($duv=-0.02062$)

Color Ratio: $R=0.179$ $G=0.741$ $B=0.080$

Peak Wavelength: 451nm

Half Bandwidth: 19.9nm

Dominant Wavelength: 466.8nm

Color Purity: 0.389

Rendering Index: $R_a=57.9$

$R_1=51$

$R_2=85$

$R_3=44$

$R_4=47$

$R_5=68$

$R_6=83$

$R_7=69$

$R_8=17$

$R_9=-172$

$R_{10}=76$

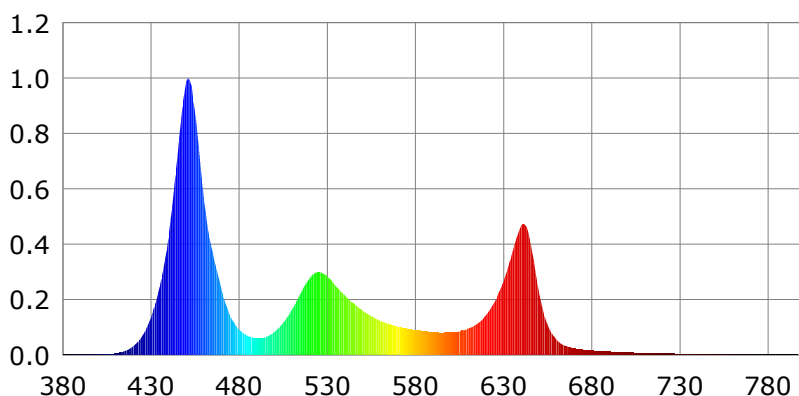
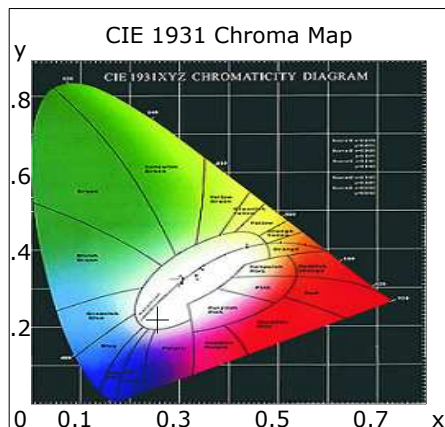
$R_{11}=38$

$R_{12}=54$

$R_{13}=60$

$R_{14}=65$

$R_{15}=27$



Photometric Parameters

Luminous Flux: 9296.7 lm

Efficiency: 0.00 lm/W

Radiant Power: 43.407 W

Electric Parameters

Voltage: $U=0.00V$

Current: $I=0.0100A$

Power: $P=0.00mW$

Power Factor: $PF=0.0000$

Test Info

Scan Range: 380nm~800nm

Scan Interval: 1nm

PMT HV: -550V

Max of Main: 1180480 (0x03,8)

Reference: 220952 (0x01)

Max of waviness: -1.036%

Temperature: $T_x=24.1^{\circ}C$, $T_i=24.3^{\circ}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-23 16:55

Inspector: