

Light Source Test Report

Production Info

Product Category: RGB_100_difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2317$ $y=0.1765$ $u(u')=0.1991$ $v=0.2275$ $v'=0.3413$

CCT: $T_c=100000K$ ($duv=-0.04264$)

Color Ratio: $R=0.218$ $G=0.672$ $B=0.111$

Peak Wavelength: 452nm

Half Bandwidth: 19.4nm

Dominant Wavelength: 463.6nm

Color Purity: 0.525

Rendering Index: $R_a=40.2$

$R_1=17$

$R_2=59$

$R_3=65$

$R_4=33$

$R_5=43$

$R_6=68$

$R_7=64$

$R_8=-27$

$R_9=-329$

$R_{10}=20$

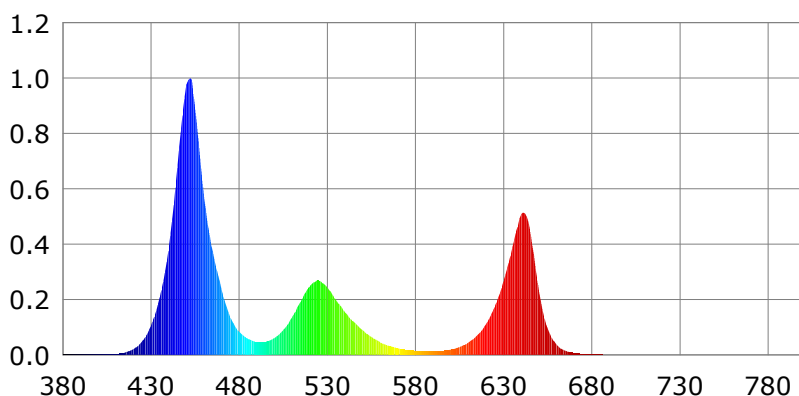
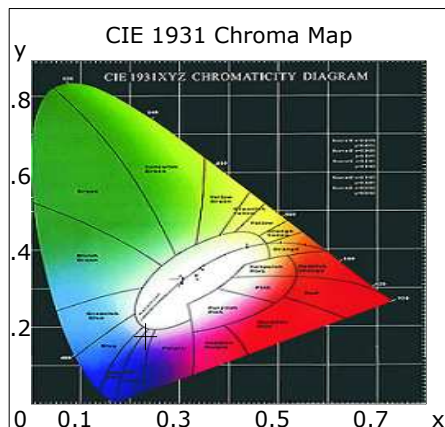
$R_{11}=16$

$R_{12}=66$

$R_{13}=23$

$R_{14}=74$

$R_{15}=-21$



Photometric Parameters

Luminous Flux: 5302.2 lm

Efficiency: 0.00 lm/W

Radiant Power: 30.649 W

Electric Parameters

Voltage: $U=1.90V$

Current: $I=0.000mA$

Power: $P=0.00mW$

Power Factor: $PF=0.0000$

Test Info

Scan Range: 380nm~800nm
Max of Main: 971200 (0x03,3)

Scan Interval: 1nm
Reference: 1251200 (0x02)

PMT HV: -550V
Max of waviness: -0.496%

Temperature: $T_x=22.7i\ddot{a}C$, $T_i=24.0i\ddot{a}C$
Test Device: Inventfine CMS-5000
Operator: Guilherme S

Humidity: %
Test Time: 2023-11-24 12:53
Inspector: