

Light Source Test Report

Production Info

Product Category: RGB_100

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2305$ $y=0.1764$ $u(u')=0.1980$ $v=0.2273$ $v'=0.3410$

CCT: $T_c=100000K$ ($duv=-0.04235$)

Color Ratio: $R=0.214$ $G=0.674$ $B=0.112$

Peak Wavelength: 452nm

Half Bandwidth: 19.5nm

Dominant Wavelength: 464.4nm

Color Purity: 0.528

Rendering Index: $R_a=42.0$

$R_1=20$

$R_2=60$

$R_3=66$

$R_4=36$

$R_5=45$

$R_6=69$

$R_7=65$

$R_8=-24$

$R_9=-323$

$R_{10}=22$

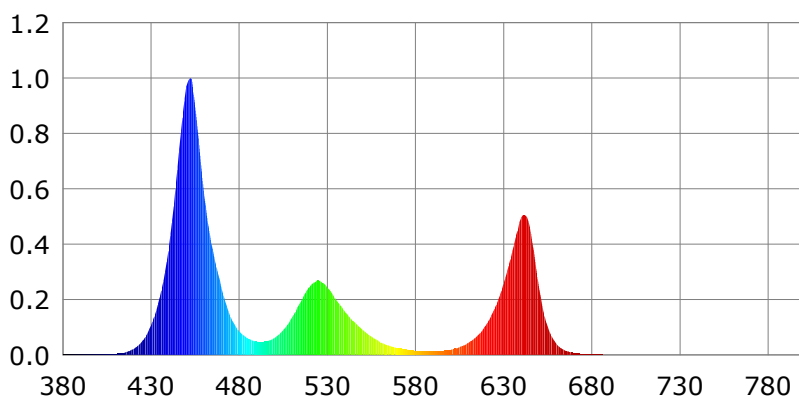
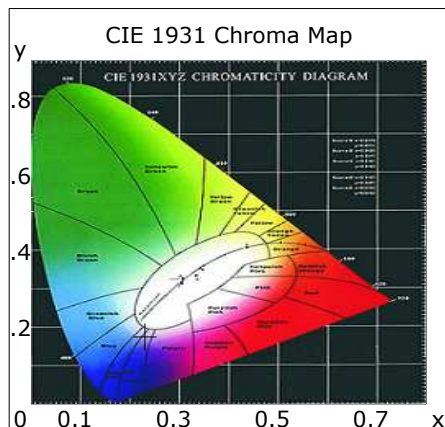
$R_{11}=20$

$R_{12}=67$

$R_{13}=25$

$R_{14}=75$

$R_{15}=-18$



Photometric Parameters

Luminous Flux: 5242.6 lm

Efficiency: 0.00 lm/W

Radiant Power: 30.337 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: 960256 (0x03,3)

Scan Interval: 1nm
Reference: 1236448 (0x02)

PMT HV: -550V
Max of waviness: -0.287%

Temperature: $T_x:23.0i\ddot{a}C$, $T_i:24.0i\ddot{a}C$
Test Device: Inventfine CMS-5000
Operator: Guilherme S

Humidity: %
Test Time: 2023-11-24 12:57
Inspector: