

Light Source Test Report

Production Info

Product Category: RB_100

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2494$ $y=0.0752$ $u(u')=0.2931$ $v=0.1325$ $v'=0.1988$

CCT: $T_c=100000K$ ($duv=-0.17448$)

Color Ratio: $R=0.675$ $G=0.056$ $B=0.269$

Peak Wavelength: 451nm

Half Bandwidth: 18.5nm

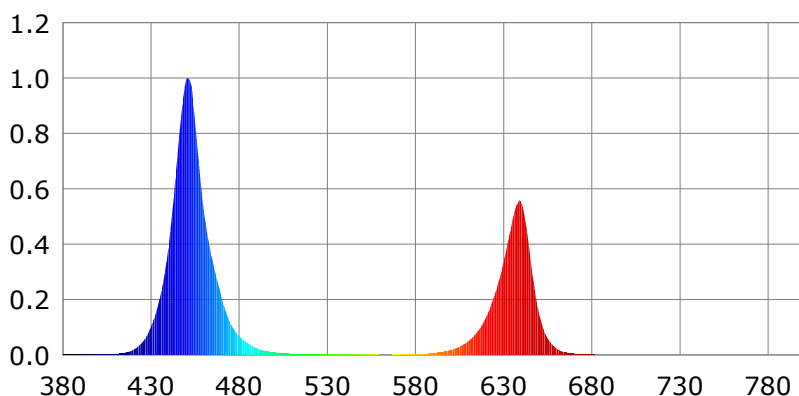
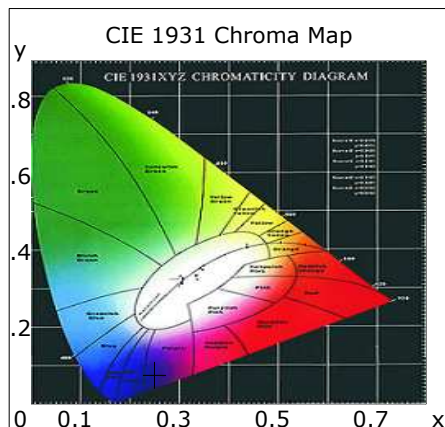
Dominant Wavelength: 0.0nm

Color Purity: 0.000

Rendering Index: $R_a=-216.4$

$R_1 = -233$ $R_2 = -319$ $R_3 = -348$ $R_4 = -45$ $R_5 = -210$ $R_6 = -321$ $R_7 = -85$ $R_8 = -163$

$R_9 = -810$ $R_{10} = -843$ $R_{11} = -64$ $R_{12} = -504$ $R_{13} = -311$ $R_{14} = -96$ $R_{15} = -348$



Photometric Parameters

Luminous Flux: 1872.6 lm

Efficiency: 0.00 lm/W

Radiant Power: 23.476 W

Electric Parameters

Voltage: $U = 0.00V$

Current: $I = 0.000mA$

Power: $P = 0.00mW$

Power Factor: $PF = 0.0000$

Test Info

Scan Range: 380nm~800nm

Scan Interval: 1nm

PMT HV: -550V

Max of Main: 1053248 (0x03,5)

Reference : 443232 (0x02)

Max of waviness: -0.144%

Temperature: $T_x: 22.7i\text{a}\text{C}$, $T_i: 23.8i\text{a}\text{C}$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 11:46

Inspector: