

Light Source Test Report

Production Info

Product Category: RB_100_difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2500$ $y=0.0755$ $u(u')=0.2936$ $v=0.1330$ $v'=0.1994$

CCT: $T_c=100000K$ ($duv=-0.17452$)

Color Ratio: $R=0.677$ $G=0.056$ $B=0.267$

Peak Wavelength: 451nm

Half Bandwidth: 18.5nm

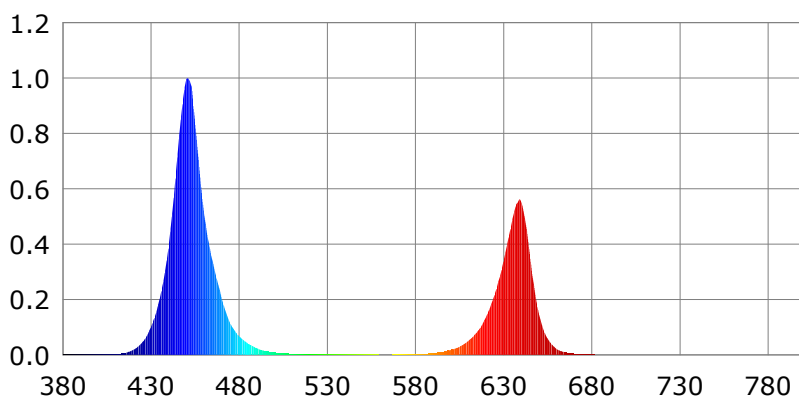
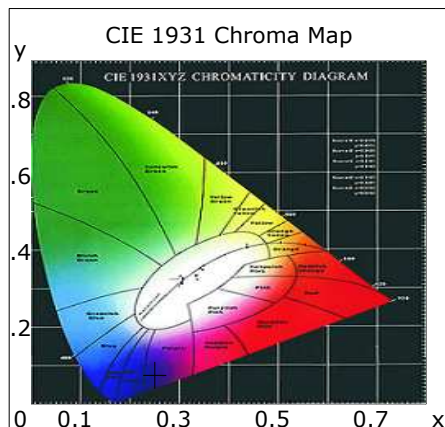
Dominant Wavelength: 0.0nm

Color Purity: 0.000

Rendering Index: $R_a=-216.2$

$R_1=-233$ $R_2=-318$ $R_3=-347$ $R_4=-46$ $R_5=-210$ $R_6=-321$ $R_7=-85$ $R_8=-162$

$R_9=-808$ $R_{10}=-841$ $R_{11}=-64$ $R_{12}=-503$ $R_{13}=-311$ $R_{14}=-96$ $R_{15}=-348$



Photometric Parameters

Luminous Flux: 1883.2 lm

Efficiency: 0.00 lm/W

Radiant Power: 23.522 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

Max of Main: 1055392 (0x03,2)

Scan Interval: 1nm

Reference: 445408 (0x02)

PMT HV: -550V

Max of waviness: -0.149%

Temperature: $T_x:22.8i\ddot{a}C$, $T_i:23.7i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 11:41

Inspector: