

Light Source Test Report

Production Info

Product Category: GB_100_difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1588$ $y=0.1572$ $u(u')=0.1390$ $v=0.2065$ $v'=0.3097$

CCT: $T_c=100000K$ ($duv=-0.07260$)

Color Ratio: $R=0.003$ $G=0.858$ $B=0.139$

Peak Wavelength: 451nm

Half Bandwidth: 18.6nm

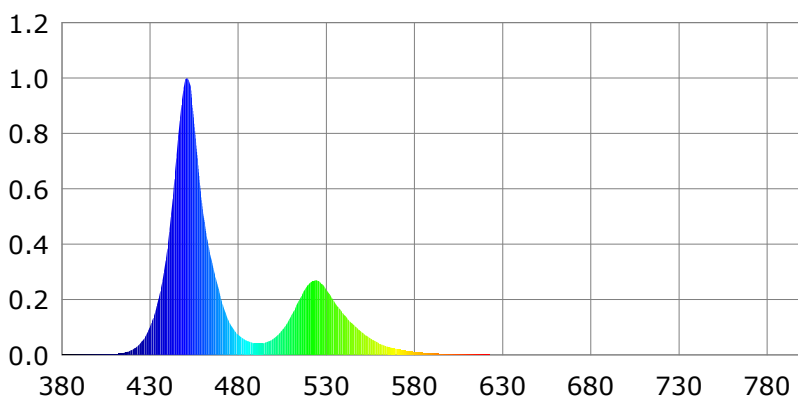
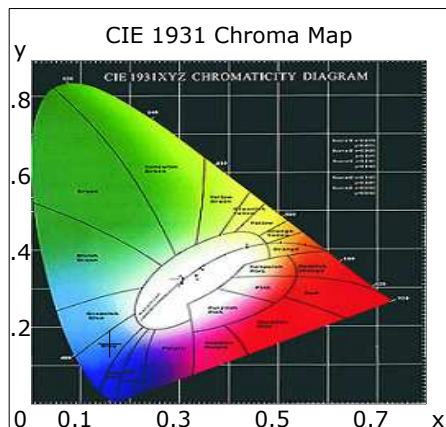
Dominant Wavelength: 477.8nm

Color Purity: 0.759

Rendering Index: $R_a=32.3$

$R_1=0$ $R_2=56$ $R_3=59$ $R_4=-13$ $R_5=21$ $R_6=51$ $R_7=68$ $R_8=18$

$R_9=-256$ $R_{10}=20$ $R_{11}=-44$ $R_{12}=39$ $R_{13}=6$ $R_{14}=73$ $R_{15}=15$



Photometric Parameters

Luminous Flux: 4188.6 lm

Efficiency: 0.00 lm/W

Radiant Power: 23.116 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: 1053120 (0x03,3)

Reference: 1014720 (0x02)

Max of waviness: -0.117%

Temperature: $T_x=22.9i\ddot{a}C$, $T_i=23.6i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 11:32

Inspector: