

Light Source Test Report

Production Info

Product Category: RGBW_100_Difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2443$ $y=0.2192$ $u(u')=0.1901$ $v=0.2558$ $v'=0.3837$

CCT: $T_c=100000K$ ($duv=-0.01388$)

Color Ratio: $R=0.149$ $G=0.762$ $B=0.089$

Peak Wavelength: 453nm

Half Bandwidth: 21.7nm

Dominant Wavelength: 471.9nm

Color Purity: 0.421

Rendering Index: $R_a=72.1$

$R_1=70$

$R_2=90$

$R_3=56$

$R_4=71$

$R_5=82$

$R_6=86$

$R_7=79$

$R_8=42$

$R_9=-103$

$R_{10}=79$

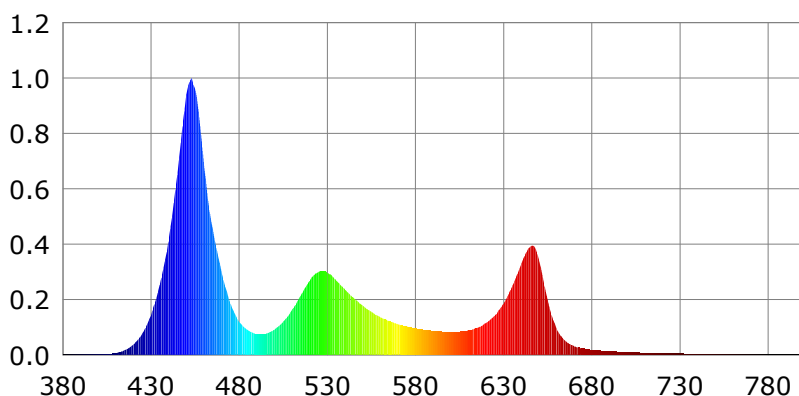
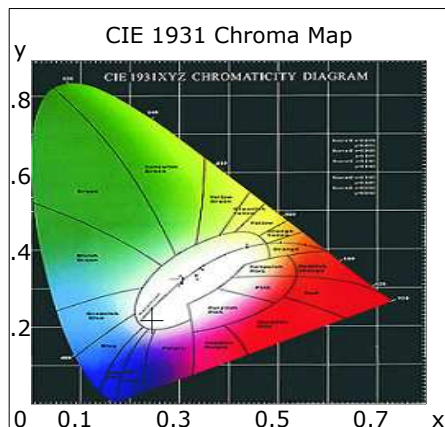
$R_{11}=65$

$R_{12}=52$

$R_{13}=75$

$R_{14}=74$

$R_{15}=49$



Photometric Parameters

Luminous Flux: 8328.8 lm

Efficiency: 0.00 lm/W

Radiant Power: 39.092 W

Electric Parameters

Voltage: $U=0.00V$

Current: $I=0.1560A$

Power: $P=0.00mW$

Power Factor: $PF=0.0000$

Test Info

Scan Range: 380nm~800nm

Scan Interval: 1nm

PMT HV: -550V

Max of Main: 1028864 (0x03,9)

Reference : 198144 (0x01)

Max of waviness: -0.220%

Temperature: $T_x=25.5i\ddot{a}C$, $T_i=25.2i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-23 17:44

Inspector: