

Light Source Test Report

Production Info

Product Category: RGBW_50

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2529$ $y=0.2287$ $u(u')=0.1932$ $v=0.2619$ $v'=0.3929$

CCT: $T_c=100000K$ ($duv=-0.01316$)

Color Ratio: $R=0.161$ $G=0.759$ $B=0.080$

Peak Wavelength: 453nm

Half Bandwidth: 19.8nm

Dominant Wavelength: 471.4nm

Color Purity: 0.382

Rendering Index: $R_a=65.2$

$R_1=63$

$R_2=89$

$R_3=44$

$R_4=61$

$R_5=78$

$R_6=82$

$R_7=73$

$R_8=31$

$R_9=-127$

$R_{10}=73$

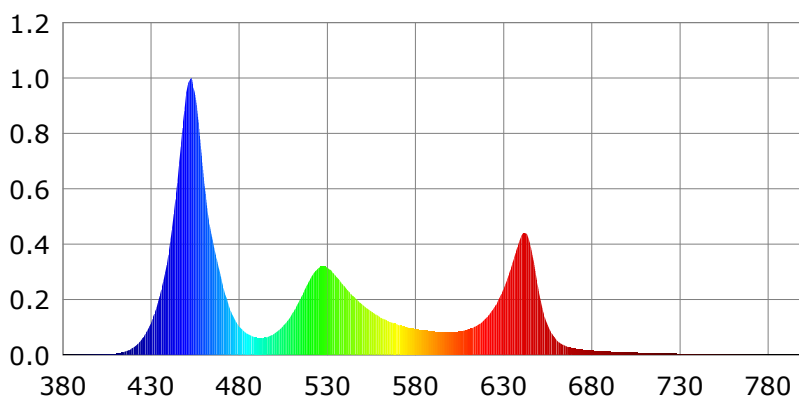
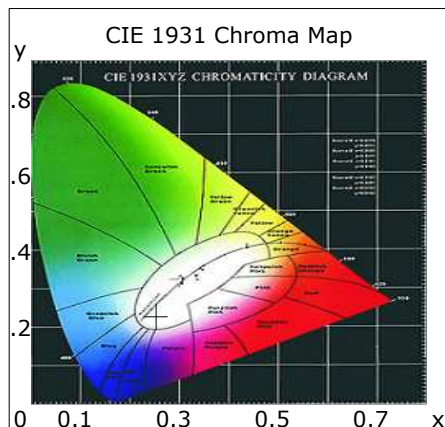
$R_{11}=55$

$R_{12}=45$

$R_{13}=72$

$R_{14}=66$

$R_{15}=41$



Photometric Parameters

Luminous Flux: 5233.8 lm

Efficiency: 0.00 lm/W

Radiant Power: 23.444 W

Electric Parameters

Voltage: $U=0.00V$

Current: $I=0.1530A$

Power: $P=0.00mW$

Power Factor: $PF=0.0000$

Test Info

Scan Range: 380nm~800nm
Max of Main: 635024 (0x03,5)

Scan Interval: 1nm
Reference: 123536 (0x01)

PMT HV: -550V
Max of waviness: 0.379%

Temperature: $T_x:24.5i\ddot{a}C$, $T_i:24.4i\ddot{a}C$
Test Device: Inventfine CMS-5000
Operator: Guilherme S

Humidity: %
Test Time: 2023-11-23 17:21
Inspector: