

Light Source Test Report

Production Info

Product Category: GW_100_difo2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2780$ $y=0.4512$ $u(u')=0.1415$ $v=0.3445$ $v'=0.5167$

CCT: $T_c=7028K$ ($duv=0.06789$)

Color Ratio: $R=0.065$ $G=0.910$ $B=0.026$

Peak Wavelength: 525nm

Half Bandwidth: 41.8nm

Dominant Wavelength: 524.2nm

Color Purity: 0.237

Rendering Index: $R_a=56.5$

$R_1=38$

$R_2=52$

$R_3=82$

$R_4=54$

$R_5=46$

$R_6=47$

$R_7=85$

$R_8=48$

$R_9=-120$

$R_{10}=2$

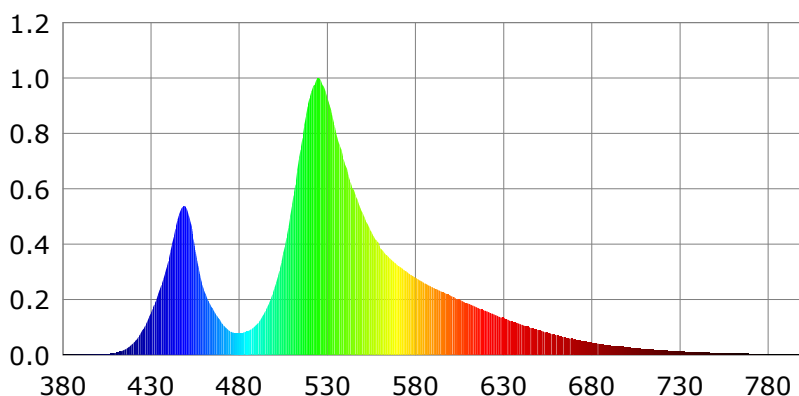
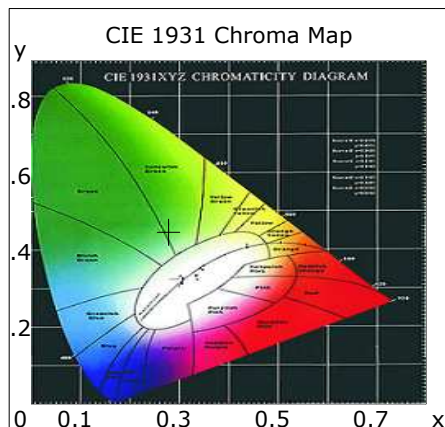
$R_{11}=42$

$R_{12}=15$

$R_{13}=37$

$R_{14}=91$

$R_{15}=31$



Photometric Parameters

Luminous Flux: 7916.2 lm

Efficiency: 0.00 lm/W

Radiant Power: 20.160 W

Electric Parameters

Voltage: $U=1.90V$

Current: $I=0.0100A$

Power: $P=0.00mW$

Power Factor: $PF=1.0000$

Test Info

Scan Range: 380nm~800nm

Scan Interval: 1nm

PMT HV: -700V

Max of Main: 1654656 (0x03,0)

Reference : 1850560 (0x02)

Max of waviness: -0.209%

Temperature: $T_x=22.9^{\circ}C$, $T_i=24.0^{\circ}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 12:37

Inspector: