

Light Source Test Report

Production Info

Product Category: RG_100_difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4312$ $y=0.5268$ $u(u')=0.2039$ $v=0.3736$ $v'=0.5605$

CCT: $T_c=3851K$ ($duv=0.04445$)

Peak Wavelength: 640nm

Dominant Wavelength: 571.1nm

Rendering Index: $R_a=25.4$

$R_1=41$

$R_2=52$

$R_3=21$

$R_4=24$

$R_5=61$

$R_6=41$

$R_7=6$

$R_8=-41$

$R_9=-148$

$R_{10}=10$

$R_{11}=22$

$R_{12}=27$

$R_{13}=45$

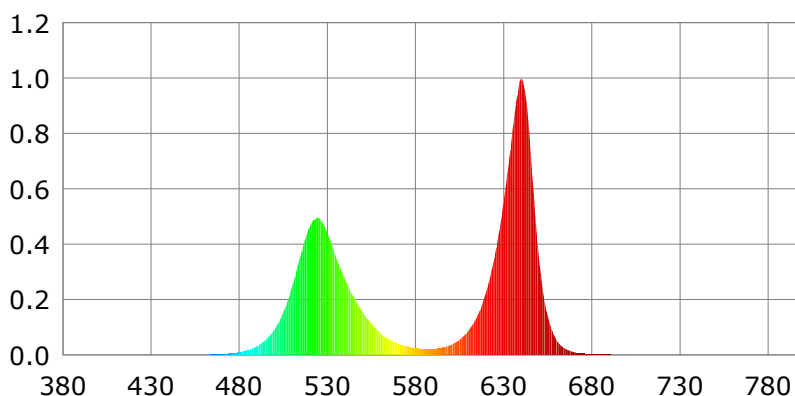
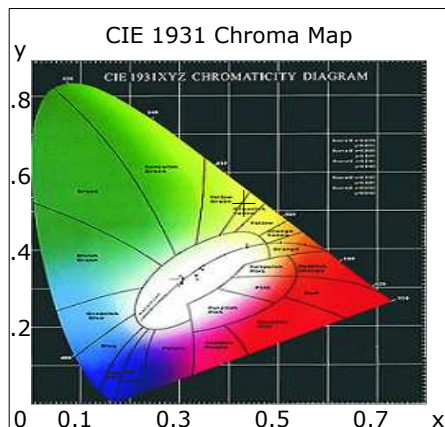
$R_{14}=58$

$R_{15}=29$

Color Ratio: $R=0.258$ $G=0.733$ $B=0.009$

Half Bandwidth: 19.0nm

Color Purity: 0.877



Photometric Parameters

Luminous Flux: 5104.0 lm

Radiant Power: 16.036 W

Efficiency: 0.00 lm/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: 1252128 (0x03,0)

Scan Interval: 1nm

Reference: 1159616 (0x02)

PMT HV: -700V

Max of waviness: -0.069%

Temperature: $T_x=22.6i\ddot{a}C$, $T_i=23.9i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 12:14

Inspector: