

Light Source Test Report

Production Info

Product Category: R_100_Difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.7012$ $y=0.2986$ $u(u')=0.5414$ $v=0.3458$ $v'=0.5187$

CCT: $T_c=1500K$ ($duv=-0.09364$)

Peak Wavelength: 638nm

Dominant Wavelength: 626.5nm

Rendering Index: $R_a=17.2$

$R_1=5$

$R_2=74$

$R_3=38$

$R_4=-20$

$R_5=7$

$R_6=89$

$R_7=7$

$R_8=-60$

$R_9=-208$

$R_{10}=67$

$R_{11}=-10$

$R_{12}=80$

$R_{13}=26$

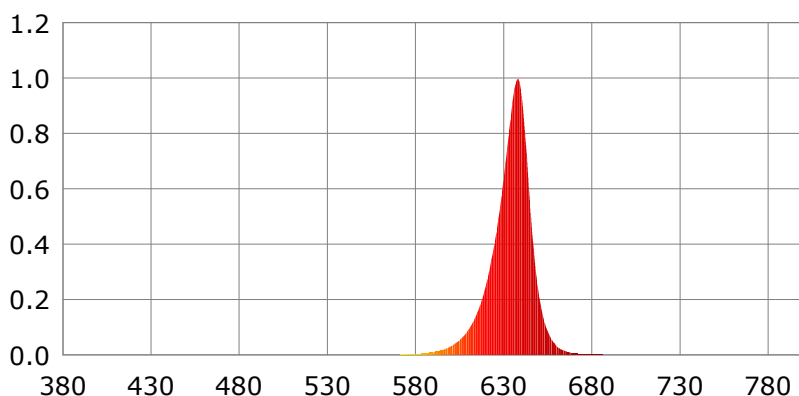
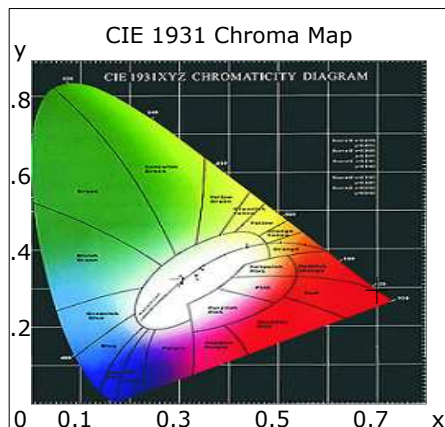
$R_{14}=63$

$R_{15}=-30$

Color Ratio: $R=0.962$ $G=0.038$ $B=0.000$

Half Bandwidth: 18.1nm

Color Purity: 1.000



Photometric Parameters

Luminous Flux: 1570.6 lm

Radiant Power: 9.571 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: 1252416 (0x03,0)

Scan Interval: 1nm

Reference: 330416 (0x02)

PMT HV: -700V

Max of waviness: 0.453%

Temperature: $T_x=24.3i\ddot{a}C$, $T_i=24.3i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 09:09

Inspector: