

Light Source Test Report

Production Info

Product Category: W_100_difo1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3157$ $y=0.3325$ $u(u')=0.1986$ $v=0.3137$ $v'=0.4706$

CCT: $T_c=6322K$ ($duv=0.00348$)

Peak Wavelength: 449nm

Dominant Wavelength: 492.1nm

Rendering Index: $R_a=72.5$

$R_1=73$

$R_2=72$

$R_3=67$

$R_4=79$

$R_5=74$

$R_6=62$

$R_7=81$

$R_8=71$

$R_9=-6$

$R_{10}=30$

$R_{11}=78$

$R_{12}=35$

$R_{13}=71$

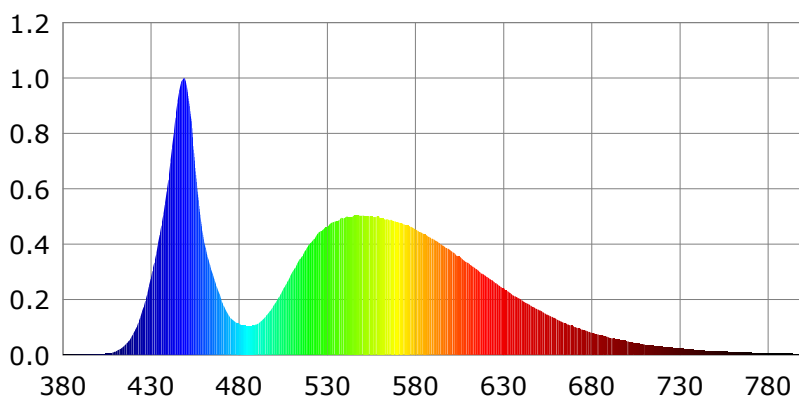
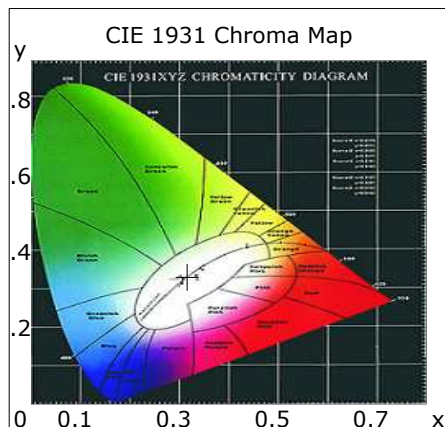
$R_{14}=81$

$R_{15}=72$

Color Ratio: $R=0.123$ $G=0.841$ $B=0.037$

Half Bandwidth: 21.3nm

Color Purity: 0.060



Photometric Parameters

Luminous Flux: 4297.0 lm

Radiant Power: 13.424 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: 1044960 (0x03,0)

Scan Interval: 1nm

Reference : 1004448 (0x02)

PMT HV: -700V

Max of waviness: 0.172%

Temperature: $T_x=23.2i\ddot{a}C$, $T_i=23.9i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 12:21

Inspector: