

Light Source Test Report

Production Info

Product Category: B_100

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1528$ $y=0.0267$ $u(u')=0.2028$ $v=0.0531$ $v'=0.0797$

CCT: $T_c=100000K$ ($duv=-0.21397$)

Color Ratio: $R=0.006$ $G=0.095$ $B=0.899$

Peak Wavelength: 450nm

Half Bandwidth: 17.8nm

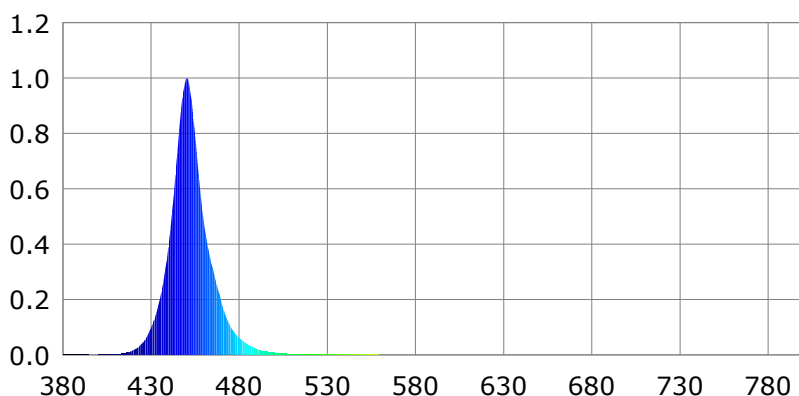
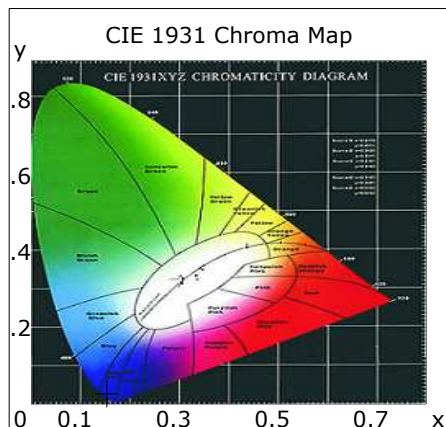
Dominant Wavelength: 456.2nm

Color Purity: 0.988

Rendering Index: $R_a=-61.3$

$R_1 = -4$ $R_2 = -56$ $R_3 = -167$ $R_4 = -98$ $R_5 = 8$ $R_6 = -62$ $R_7 = -63$ $R_8 = -41$

$R_9 = -247$ $R_{10} = -258$ $R_{11} = -123$ $R_{12} = -127$ $R_{13} = -29$ $R_{14} = -40$ $R_{15} = 9$



Photometric Parameters

Luminous Flux: 431.3 lm

Efficiency: 0.00 lm/W

Radiant Power: 11.973 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: 1099552 (0x03,9)

Scan Interval: 1nm

Reference : 128896 (0x02)

PMT HV: -550V

Max of waviness: -0.012%

Temperature: $T_x: 23.9i\ddot{a}C$, $T_i: 24.0i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 10:02

Inspector: