

## Light Source Test Report

### Production Info

Product Category: B\_100\_difo1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.1528$   $y=0.0267$   $u(u')=0.2027$   $v=0.0532$   $v'=0.0798$

CCT:  $T_c=100000K$  ( $duv=-0.21387$ )

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

Peak Wavelength: 450nm

Half Bandwidth: 17.9nm

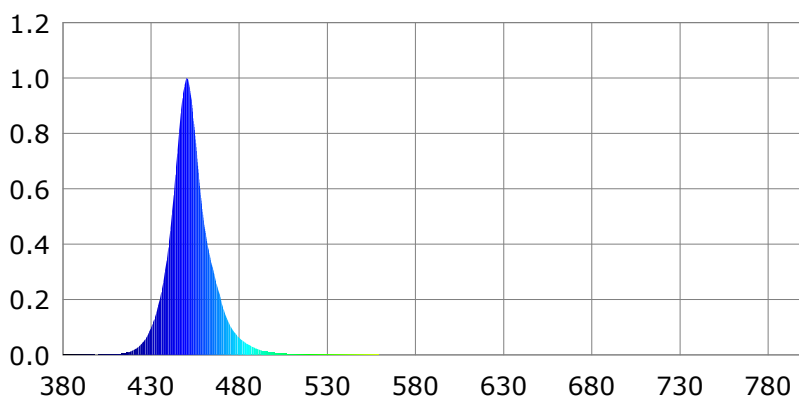
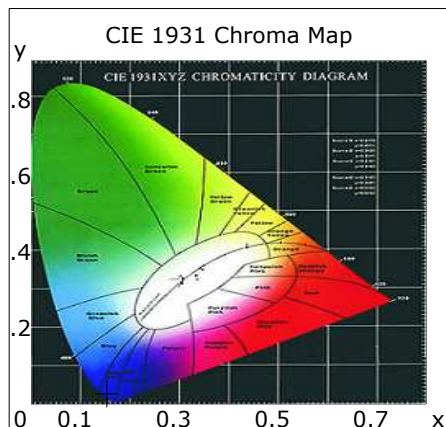
Dominant Wavelength: 456.3nm

Color Purity: 0.988

Rendering Index:  $R_a=-61.3$

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

$R_9=-246$   $R_{10}=-258$   $R_{11}=-123$   $R_{12}=-127$   $R_{13}=-29$   $R_{14}=-40$   $R_{15}=10$



### Photometric Parameters

Luminous Flux: 431.7 lm

Efficiency: 0.00 lm/W

Radiant Power: 11.965 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: 1092736 (0x03,2)

Scan Interval: 1nm

Reference: 128980 (0x02)

PMT HV: -550V

Max of waviness: -0.031%

Temperature:  $T_x:24.0i\ddot{a}C$ ,  $T_i:24.1i\ddot{a}C$

Test Device: Inventfine CMS-5000

Operator: Guilherme S

Humidity: %

Test Time: 2023-11-24 09:57

Inspector: