

Lightsource Test Report

Product Information

Product Type: IPO 8W

Product Number: 01

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3887$ $y=0.3847$ $u(u')=0.2274$ $v=0.3375$ $v'=0.5063$

CCT: $T_c=3843K$ ($duv=0.00136$)

Color Ratio: $R=0.189$ $G=0.779$ $B=0.032$

Peak Wavelength: 445nm

Half Bandwidth: 19.0nm

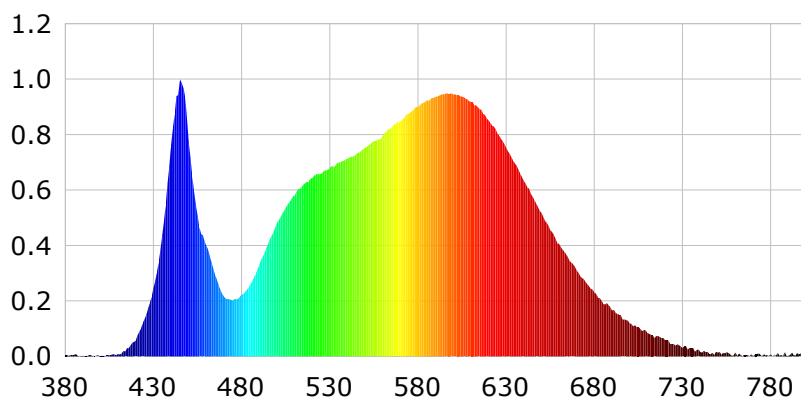
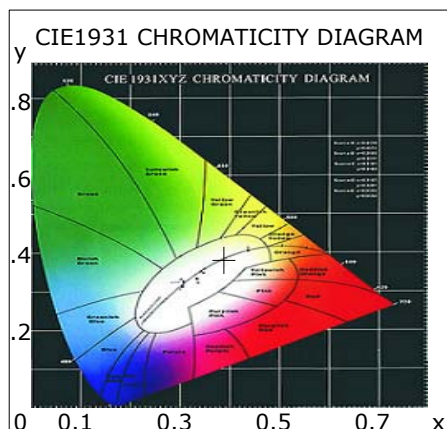
Dominant Wavelength: 597.9nm

Color Purity: 0.321

Color Render Index: $R_a=89.4$

$R_1=82$ $R_2=88$ $R_3=93$ $R_4=85$ $R_5=83$ $R_6=85$ $R_7=86$ $R_8=66$

$R_9=12$ $R_{10}=72$ $R_{11}=85$ $R_{12}=68$ $R_{13}=83$ $R_{14}=96$ $R_{15}=75$



Photometric Parameters

Luminous Flux: 815.67 lm

Efficiency: 92.69 lm/W

Radiant Power: 2.802 W

Electric Parameters

Voltage: 215.20V

Current: 0.0680A

Power: 8.80W

Power Factor: 0.5970

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Sec

Photometric Condition: Sphere diameter: 1.50m, 4°

Max of Signal: 45007 (4650)

CCD Integration Time: 3848.93 ms

Condition: $T_x=18.6^{\circ}C$, $T_i=16.4^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2022-12-17 11:38:32
Inspector: