

Lightsource Test Report

Product Information

Product Type: 4x24LED(Refond 5000K)
Submitted Unit: iFA26'480

Product Number: 01_20160620

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3386$ $y=0.3525$ $u(u')=0.2067$ $v=0.3228$ $v'=0.4842$

CCT: $T_c=5256K$ ($duv=0.00314$)

Color Ratio: $R=0.152$ $G=0.798$ $B=0.050$

Peak Wavelength: 451.2nm

Half Bandwidth: 23.6nm

Dominant Wavelength: 564.5nm

Color Purity: 0.074

CRI: R_a : $R_a=85.6$

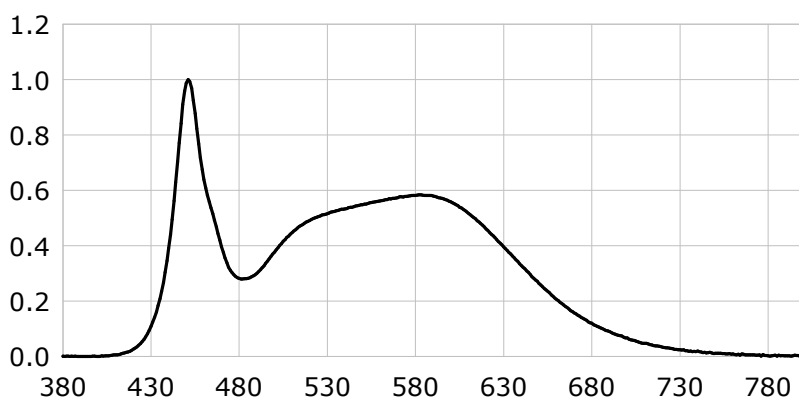
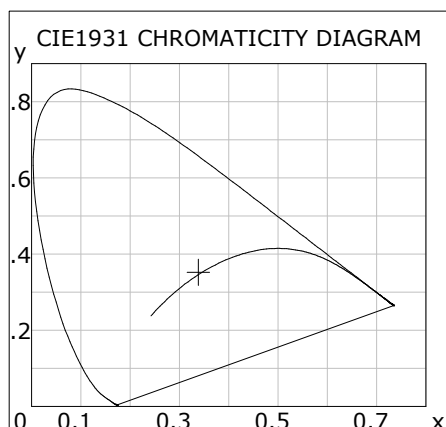
$R_1=85$ $R_2=87$ $R_3=87$ $R_4=90$ $R_5=85$ $R_6=81$ $R_7=93$ $R_8=78$

$R_9=24$ $R_{10}=67$ $R_{11}=89$ $R_{12}=53$ $R_{13}=85$ $R_{14}=93$ $R_{15}=82$

Color Quality Scale: $Q_a=82.6$, $Q_f=82.8$, $Q_p=81.7$, $Q_g=91.4$

$Q_1=84$ $Q_2=98$ $Q_3=80$ $Q_4=73$ $Q_5=78$ $Q_6=81$ $Q_7=87$ $Q_8=92$

$Q_9=97$ $Q_{10}=89$ $Q_{11}=84$ $Q_{12}=83$ $Q_{13}=83$ $Q_{14}=75$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 2837.34 lm

Efficiency: 110.88 lm/W

Radiant Power: 8.859 W

Electric Parameters

Voltage: 230.10V

Current: 0.1130A

Power: 25.59W

Power Factor: 0.9850

Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 15 Min

Max of Signal: 44447 (3526)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 171.32 ms