



Lightsource Test Report

Product Information

Product Type: Panou LED 60x60
Manufacturer: Optonica

Product Spec: 48W TUV

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3200$ $y=0.3478$ $u(u')=0.1959$ $v=0.3194$ $v'=0.4791$

CCT: $T_c=6048K$ ($duv=0.00906$)

Color Ratio: $R=0.132$ $G=0.812$ $B=0.055$

Peak Wavelength: 455nm

Half Bandwidth: 23.1nm

Dominant Wavelength: 506.6nm

Color Purity: 0.041

CRI: R_i : $R_a=83.0$

$R_1=81$

$R_2=86$

$R_3=88$

$R_4=84$

$R_5=80$

$R_6=79$

$R_7=93$

$R_8=74$

$R_9=12$

$R_{10}=64$

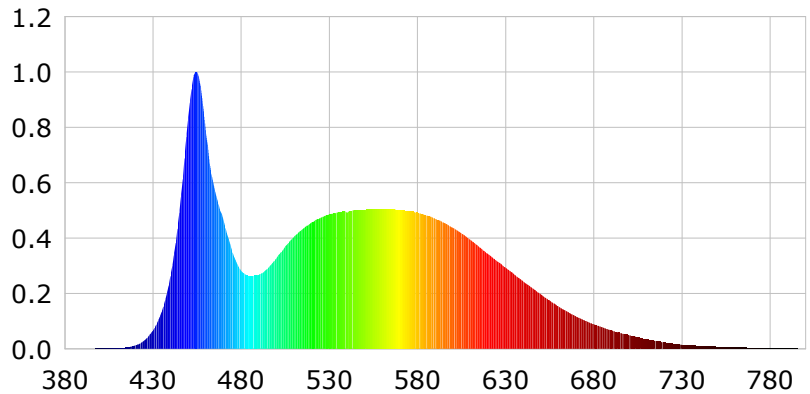
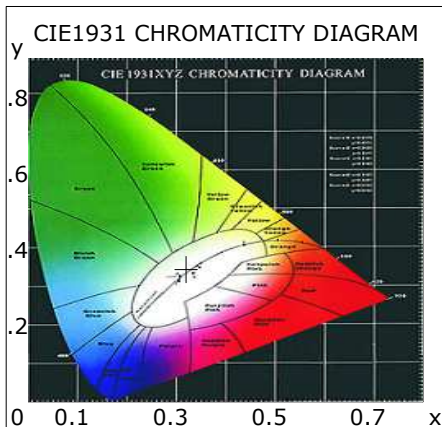
$R_{11}=82$

$R_{12}=45$

$R_{13}=82$

$R_{14}=93$

$R_{15}=77$



Photometric Parameters

Luminous Flux: 4546.57 lm

Efficiency: 101.30 lm/W

Radiant Power: 14.121 W

Electric Parameters

Voltage: 230.40V

Current: 0.1980A

Power: 44.88W

Power Factor: 0.9840

Frequency: 49.99Hz

Test Information

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

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 1.50m, 4PI

Max of Signal: 47056 (1806)

CCD Integration Time: 106.91 ms