

Lightsource Test Report

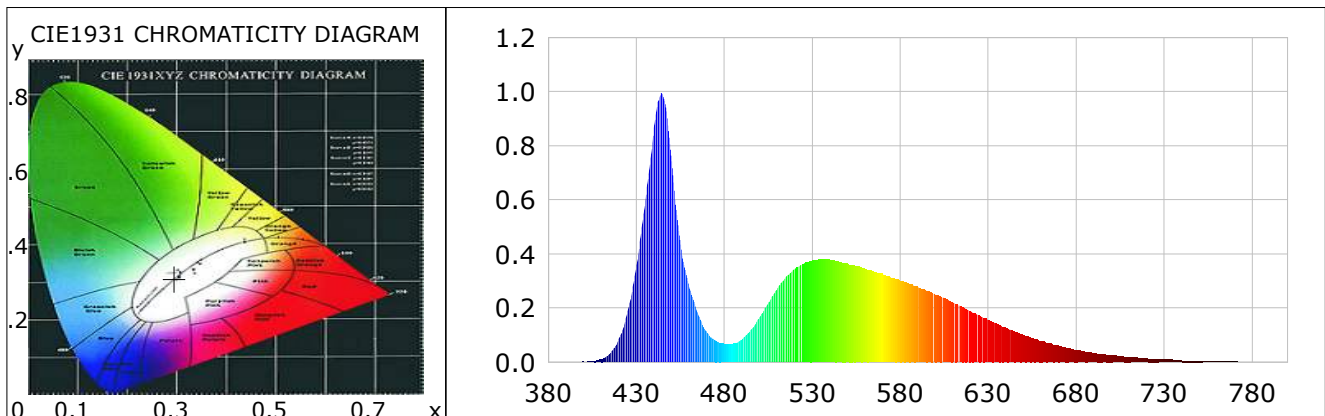
Product Infomation

Product Category: 1
Product Number: 14

Product Type: 100W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2952$ $y=0.3094$ $u(u')=0.1929$ $v=0.3032$ $v'=0.4548$
 CCT: $T_c=7890K$ ($duv=0.00239$) Color Ratio: $R=0.112$ $G=0.848$ $B=0.040$
 Peak Wavelength: 444nm Half Bandwidth: 20.7nm
 Dominant Wavelength: 483.1nm Color Purity: 0.149
 CRI: R_i : $R_a=71.4$
 $R_1=77$ $R_2=69$ $R_3=59$ $R_4=76$ $R_5=79$ $R_6=62$ $R_7=75$ $R_8=74$
 $R_9=5$ $R_{10}=23$ $R_{11}=81$ $R_{12}=40$ $R_{13}=73$ $R_{14}=77$ $R_{15}=75$



Photometric Parameters

Luminous Flux: 9998.6 lm

Efficiency: 108.33 lm/W

Radiant Power: 33.253 W

Electric Parameters

Voltage: 229.20V

Current: 0.4160A

Power: 92.30W

Power Factor: 0.9680

Frequency: 49.99Hz

Test Infomation

Scan Range: 380nm~800nm:1nm
 Stabilization Time: 0 ms
 Max of Signal: 49223 (2199)

Photometric Method:
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 36.27 ms