

Lightsource Test Report

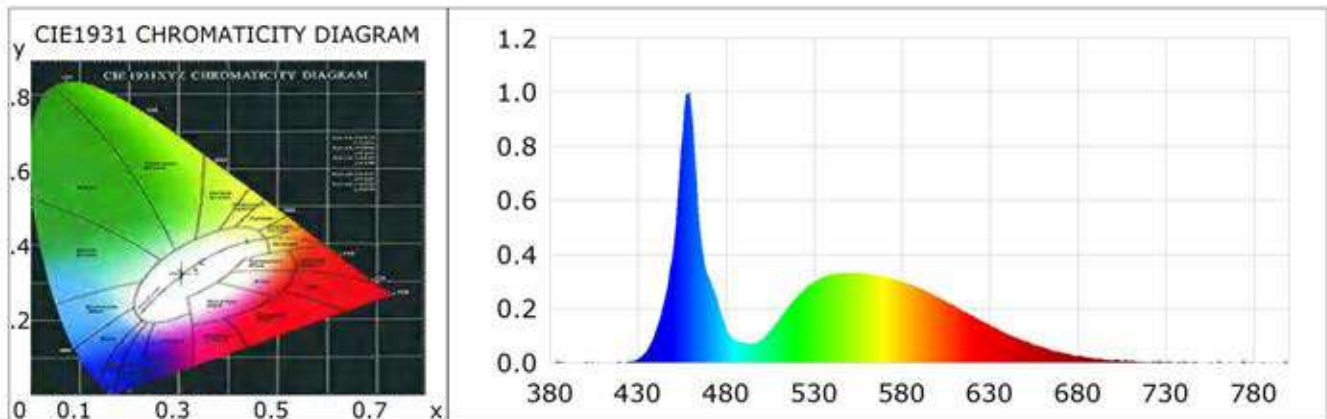
Product Information

Product Category: LV500
Product Spec: 500W

Product Type: solar Lamp
Manufacturer: ETENDA LIGHTING

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3055$ $y=0.3261$ $u(u')=0.1939$ $v=0.3105$ $v'=0.4657$
 CCT: $T_c=6940K$ ($duv=0.00543$) Color Ratio: $R=0.115$ $G=0.833$ $B=0.052$
 Peak Wavelength: 458.6nm Half Bandwidth: 14.1nm
 Dominant Wavelength: 488.3nm Color Purity: 0.099
 Color Render Index: $R_a=74.3$
 R1 =73 R2 =80 R3 =78 R4 =72 R5 =69 R6 =67 R7 =89 R8 =66
 R9 =0 R10=45 R11=66 R12=24 R13=75 R14=87 R15=71



Photometric Parameters

Luminous Flux: 2005.33 lm Efficiency: 182.30 lm/W Radiant Power: 6.085 W

Electric Parameters

Voltage: 3.20V Current: 3.4400A Power: 11.00W
 Power Factor: 0.8500 Frequency: 49.96Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4π
 Max of Signal: 46605 (3196) CCD Integration Time: 709.95 ms