

Lightsource Test Report

Product Information

Product Category: 路灯-100W
Product Number: 6

Product Type: 110V-0min

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3420$ $y=0.3528$ $u(u')=0.2088$ $v=0.3232$ $v'=0.4848$

CCT: $T_c=5124K$ ($duv=0.00188$)

Color Ratio: $R=0.140$ $G=0.832$ $B=0.027$

Peak Wavelength: 443.3nm

Half Bandwidth: 18.8nm

Dominant Wavelength: 568.8nm

Color Purity: 0.085

CRI: $R_a=71.0$

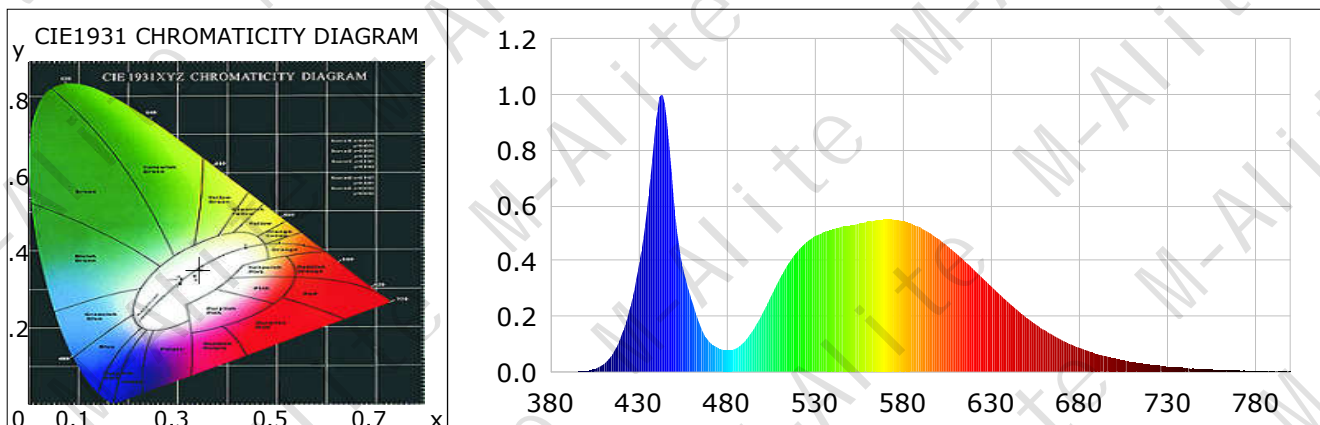
$R_1=72$ $R_2=71$ $R_3=68$ $R_4=78$ $R_5=74$ $R_6=62$ $R_7=77$ $R_8=66$

$R_9=0$ $R_{10}=30$ $R_{11}=79$ $R_{12}=39$ $R_{13}=69$ $R_{14}=82$ $R_{15}=68$

Color Quality Scale: $Q_a=72.1$, $Q_f=71.1$, $Q_p=75.6$, $Q_g=91.3$

$Q_1=79$ $Q_2=92$ $Q_3=65$ $Q_4=61$ $Q_5=71$ $Q_6=74$ $Q_7=79$ $Q_8=88$

$Q_9=88$ $Q_{10}=72$ $Q_{11}=67$ $Q_{12}=68$ $Q_{13}=71$ $Q_{14}=62$ $Q_{15}=69$



Photometric Parameters

Luminous Flux: 8914.40 lm
EEI: 0.12

Efficiency: 115.47 lm/W

Radiant Power: 26.703 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 109.60V
Power Factor: 0.9540

Current: 0.7370A
Frequency: 60.00Hz

Power: 77.20W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44444 (3578)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 26.86 ms

Condition: $T_x=36.5^\circ C$, $T_i=34.3^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-30 13:05:50
Inspector: