

Lightsource Test Report

Product Information

Product Category: SWG3120-24-9.6-NW-M

Product Type: 9247

Product Number: 354-SW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3822$ $y=0.3688$ $u(u')=0.2295$ $v=0.3322$ $v'=0.4983$

CCT: $T_c=3890K$ ($duv=-0.00427$)

Color Ratio: $R=0.181$ $G=0.792$ $B=0.027$

Peak Wavelength: 452.3nm

Half Bandwidth: 27.4nm

Dominant Wavelength: 582.0nm

Color Purity: 0.254

CRI: $R_a=76.1$

TM30: $R_f=76$, $R_g=96$

GAI: $GAI_BB_8=97.4$, $GAI_BB_15=104.5$, $GAI_EES=75.0$

$R_1=75$

$R_2=83$

$R_3=87$

$R_4=74$

$R_5=74$

$R_6=75$

$R_7=82$

$R_8=58$

$R_9=-9$

$R_{10}=57$

$R_{11}=69$

$R_{12}=48$

$R_{13}=76$

$R_{14}=92$

$R_{15}=71$

Color Quality Scale: $Q_a=74.0$, $Q_f=73.1$, $Q_p=76.7$, $Q_g=93.0$

$Q_1=79$

$Q_2=96$

$Q_3=66$

$Q_4=61$

$Q_5=70$

$Q_6=73$

$Q_7=76$

$Q_8=83$

$Q_9=93$

$Q_{10}=78$

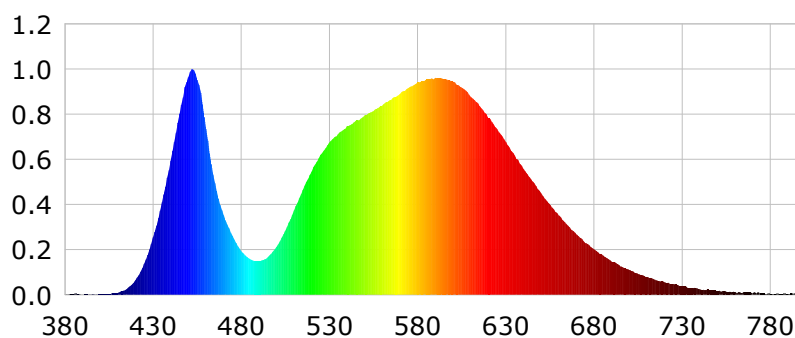
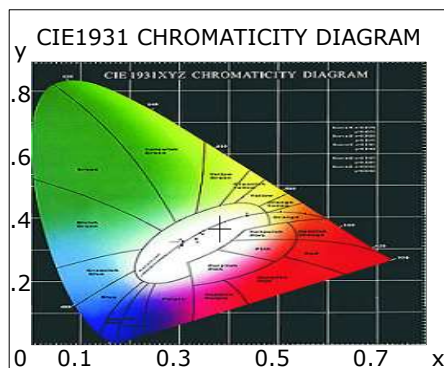
$Q_{11}=73$

$Q_{12}=73$

$Q_{13}=76$

$Q_{14}=66$

$Q_{15}=71$



Photometric Parameters

Luminous Flux: 542.76 lm

Efficiency: 73.10 lm/W

Radiant Power: 1.615 W

EEI: 0.16

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

Electric Parameters

Voltage: 23.999V

Current: 0.3094A

Power: 7.43W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.50m, 4PI

Max of Signal: 45324 (3520)

CCD Integration Time: 524.82 ms

Condition: Tx:20.4'C, Ti:19.3'C, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2024-03-14 14:10:29

Inspector: