

Lightsource Test Report

Product Information

Product Category: DesignLed

Product Number: 12709

Product Type: DSG3120-24-WW3-33

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4449$ $y=0.4078$ $u(u')=0.2541$ $v=0.3493$ $v'=0.5240$

CCT: $T_c=2900K$ ($duv=0.00043$)

Color Ratio: $R=0.240$ $G=0.733$ $B=0.028$

Peak Wavelength: 606.2nm

Half Bandwidth: 129.2nm

Dominant Wavelength: 583.1nm

Color Purity: 0.559

CRI: $R_a=84.5$

TM30: $R_f=84$, $R_g=93$

GAI: $GAI_BB_8=90.5$, $GAI_BB_15=100.7$, $GAI_EES=49.4$

$R_1=84$

$R_2=94$

$R_3=96$

$R_4=81$

$R_5=84$

$R_6=93$

$R_7=82$

$R_8=62$

$R_9=18$

$R_{10}=85$

$R_{11}=80$

$R_{12}=71$

$R_{13}=87$

$R_{14}=99$

$R_{15}=77$

Color Quality Scale: $Q_a=84.0$, $Q_f=85.9$, $Q_p=84.1$, $Q_g=89.8$

$Q_1=80$

$Q_2=93$

$Q_3=86$

$Q_4=79$

$Q_5=81$

$Q_6=82$

$Q_7=85$

$Q_8=88$

$Q_9=95$

$Q_{10}=93$

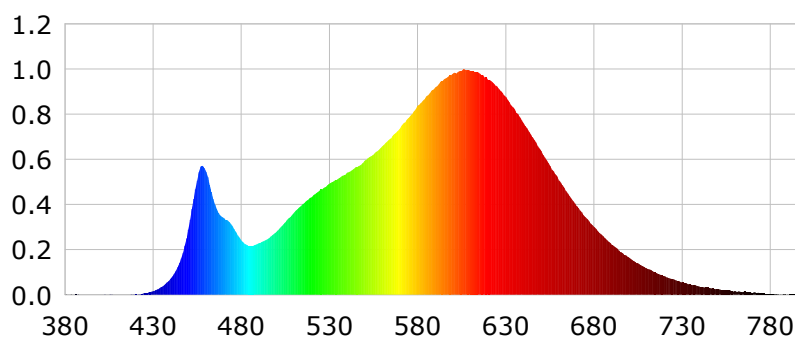
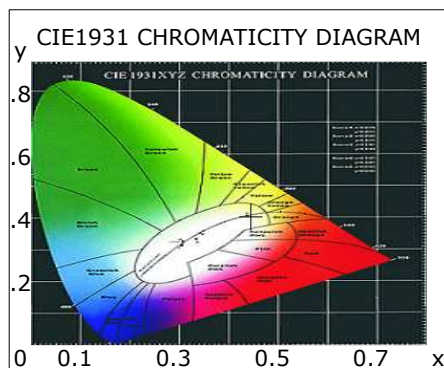
$Q_{11}=89$

$Q_{12}=87$

$Q_{13}=85$

$Q_{14}=76$

$Q_{15}=78$



Photometric Parameters

Luminous Flux: 899.11 lm

EEI: 0.14

Efficiency: 94.39 lm/W

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

Radiant Power: 2.767 W

Electric Parameters

Voltage: 24.000V

Power Factor: 1.0000

Current: 0.3969A

Frequency: 0.00Hz

Power: 9.53W

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min ALC.: 1.0000

Max of Signal: 45222 (3408)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 296.12 ms

Condition: $T_x=21.2^{\circ}C$, $T_i=19.9^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2024-10-15 16:34:57

Inspector: