

Lightsource Test Report

Product Information

Product Category: DSG2120-24-WW-33

Product Type: 5587

Product Number: 161-B

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4574$ $y=0.4041$ $u(u')=0.2638$ $v=0.3497$ $v'=0.5245$

CCT: $T_c=2684K$ ($duv=-0.00220$)

Color Ratio: $R=0.264$ $G=0.709$ $B=0.028$

Peak Wavelength: 614.0nm

Half Bandwidth: 131.0nm

Dominant Wavelength: 585.0nm

Color Purity: 0.586

CRI: $R_a=88.9$

TM30: $R_f=88$, $R_g=96$

GAI: $GAI_BB_8=102.4$, $GAI_BB_15=110.8$, $GAI_EES=49.2$

$R_1=90$

$R_2=98$

$R_3=94$

$R_4=87$

$R_5=90$

$R_6=96$

$R_7=84$

$R_8=71$

$R_9=42$

$R_{10}=94$

$R_{11}=88$

$R_{12}=81$

$R_{13}=92$

$R_{14}=98$

$R_{15}=84$

Color Quality Scale: $Q_a=87.2$, $Q_f=89.1$, $Q_p=90.6$, $Q_g=93.5$

$Q_1=84$

$Q_2=93$

$Q_3=89$

$Q_4=84$

$Q_5=85$

$Q_6=88$

$Q_7=89$

$Q_8=89$

$Q_9=94$

$Q_{10}=94$

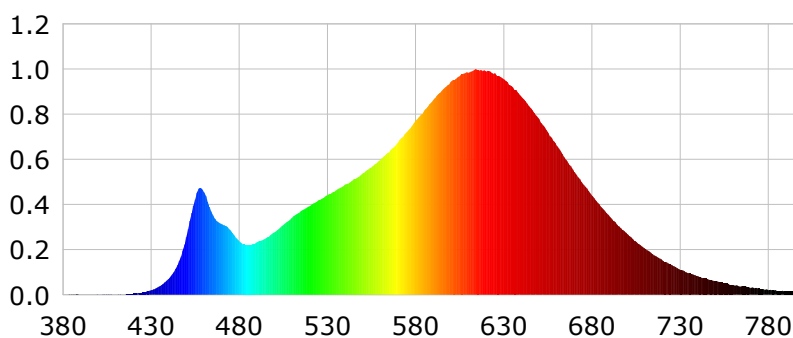
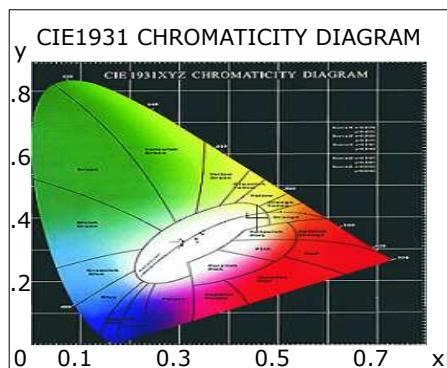
$Q_{11}=91$

$Q_{12}=88$

$Q_{13}=87$

$Q_{14}=82$

$Q_{15}=83$



Photometric Parameters

Luminous Flux: 1336.0 lm

Efficiency: 95.10 lm/W

Radiant Power: 4.549 W

EEI: 0.14

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

Electric Parameters

Voltage: 23.999V

Current: 0.5854A

Power: 14.05W

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: 44534 (4009)

CCD Integration Time: 196.95 ms

Condition: $T_x=27.8^{\circ}C$, $T_i=27.4^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2024-07-02 15:03:06

Inspector: