

Lightsource Test Report

Product Information

Product Category: DSG3120-24-NW-65

Product Type: 2766

Product Number: 154-Bv

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3804$ $y=0.3754$ $u(u')=0.2256$ $v=0.3340$ $v'=0.5010$

CCT: $T_c=3992K$ ($duv=-0.00063$)

Color Ratio: $R=0.186$ $G=0.775$ $B=0.039$

Peak Wavelength: 457.1nm

Half Bandwidth: 18.8nm

Dominant Wavelength: 579.5nm

Color Purity: 0.268

CRI: $R_a=83.8$

TM30: $R_f=82$, $R_g=93$

GAI: $GAI_BB_8=92.2$, $GAI_BB_15=100.9$, $GAI_EES=72.6$

$R_1=83$

$R_2=92$

$R_3=95$

$R_4=80$

$R_5=82$

$R_6=87$

$R_7=86$

$R_8=67$

$R_9=19$

$R_{10}=77$

$R_{11}=77$

$R_{12}=56$

$R_{13}=86$

$R_{14}=97$

$R_{15}=79$

Color Quality Scale: $Q_a=81.9$, $Q_f=82.1$, $Q_p=81.5$, $Q_g=92.0$

$Q_1=82$

$Q_2=97$

$Q_3=78$

$Q_4=71$

$Q_5=76$

$Q_6=79$

$Q_7=84$

$Q_8=88$

$Q_9=97$

$Q_{10}=89$

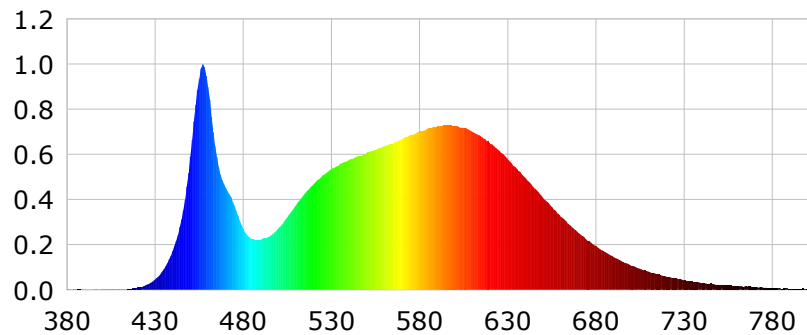
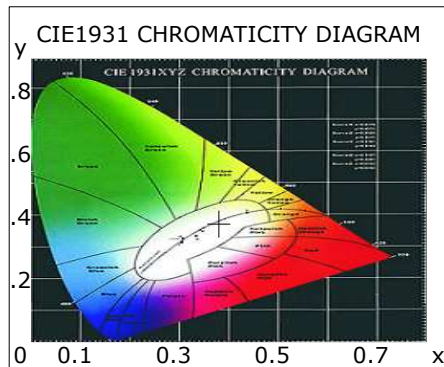
$Q_{11}=85$

$Q_{12}=84$

$Q_{13}=85$

$Q_{14}=76$

$Q_{15}=79$



Photometric Parameters

Luminous Flux: 984.84 lm

Efficiency: 102.52 lm/W

Radiant Power: 3.031 W

EEI: 0.13

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

Electric Parameters

Voltage: 23.999V

Current: 0.4003A

Power: 9.61W

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: 47773 (3314)

CCD Integration Time: 230.51 ms

Condition: $T_x=20.4^{\circ}C$, $T_i=19.1^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2024-03-13 15:04:48

Inspector: