

## Lightsource Test Report

### Product Information

Product Category: DSG2350-24-WW-33

Product Type: 0534

Product Spec:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4461$   $y=0.4059$   $u(u')=0.2557$   $v=0.3490$   $v'=0.5235$

CCT:  $T_c=2866K$  ( $duv=-0.00042$ )

Color Ratio:  $R=0.243$   $G=0.732$   $B=0.025$

Peak Wavelength: 609.7nm

Half Bandwidth: 131.3nm

Dominant Wavelength: 583.6nm

Color Purity: 0.557

CRI:  $R_a=85.5$ ,  $avgR(1\sim14)=80.9$ ,  $avgR(1\sim15)=80.7$  TM30:  $R_f=85$ ,  $R_g=96$

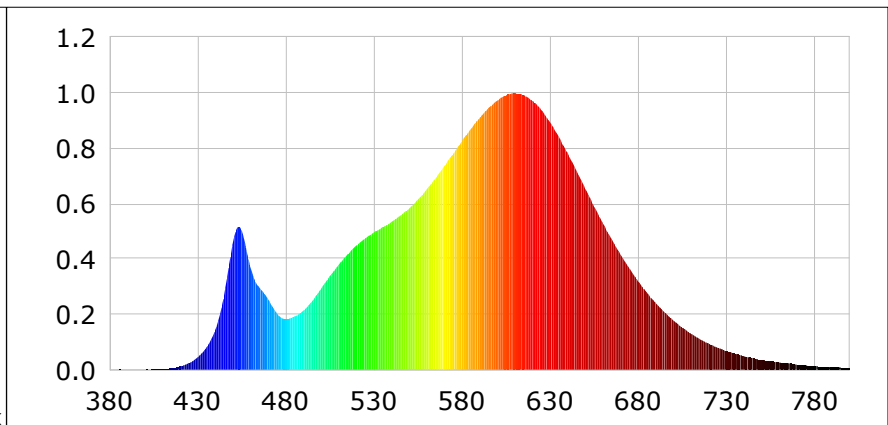
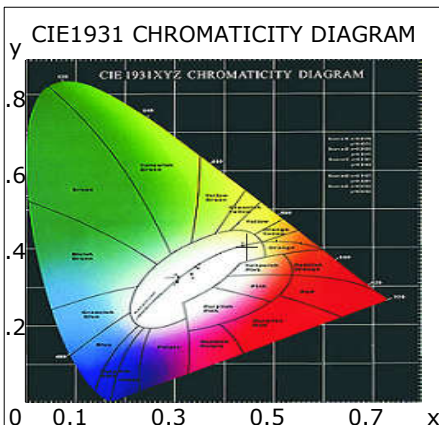
$R_1=84$   $R_2=92$   $R_3=97$   $R_4=84$   $R_5=84$   $R_6=92$   $R_7=83$   $R_8=64$

$R_9=21$   $R_{10}=83$   $R_{11}=83$   $R_{12}=73$   $R_{13}=86$   $R_{14}=99$   $R_{15}=77$

Color Quality Scale:  $Q_a=84.8$ ,  $Q_f=86.5$ ,  $Q_p=86.5$ ,  $Q_g=92.6$

$Q_1=81$   $Q_2=95$   $Q_3=85$   $Q_4=82$   $Q_5=85$   $Q_6=86$   $Q_7=86$   $Q_8=87$

$Q_9=96$   $Q_{10}=91$   $Q_{11}=88$   $Q_{12}=86$   $Q_{13}=85$   $Q_{14}=76$   $Q_{15}=78$



### Photometric Parameters

Luminous Flux: 4021.13 lm  
EEI: 0.10

Efficiency: 131.81 lm/W

Radiant Power: 12.570 W

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

### Electric Parameters

Voltage: 24.000V

Current: 1.2712A

Power: 30.51W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Sec

Max of Signal: 44204 (3981)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 69.07 ms

Condition:  $T_x=28.8^\circ C$ ,  $T_i=27.7^\circ C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-21 13:54:51

Inspector: