

## Lightsource Test Report

### Product Information

Product Category: DSG260-12-WW-33

Product Type: 1492

Product Spec:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4467$   $y=0.4049$   $u(u')=0.2565$   $v=0.3488$   $v'=0.5232$

CCT:  $T_c=2848K$  ( $duv=-0.00090$ )

Color Ratio:  $R=0.244$   $G=0.732$   $B=0.024$

Peak Wavelength: 610.0nm

Half Bandwidth: 128.0nm

Dominant Wavelength: 583.8nm

Color Purity: 0.556

CRI:  $R_a=84.7$ ,  $avgR(1\sim14)=79.9$ ,  $avgR(1\sim15)=79.7$  TM30:  $R_f=84$ ,  $R_g=96$

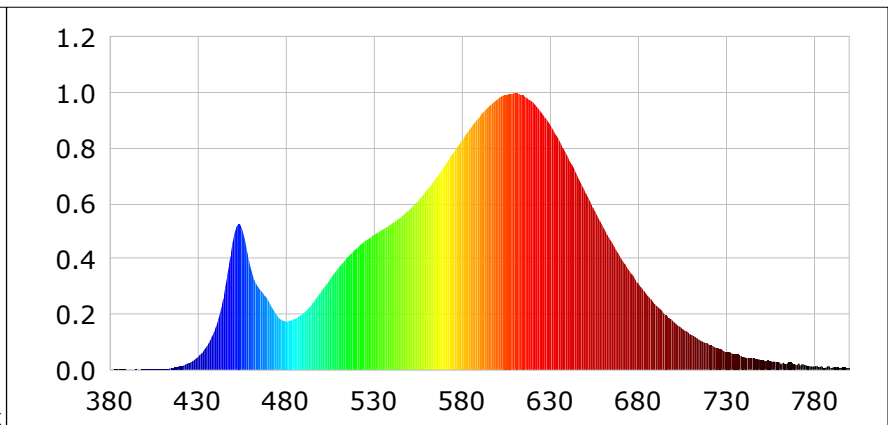
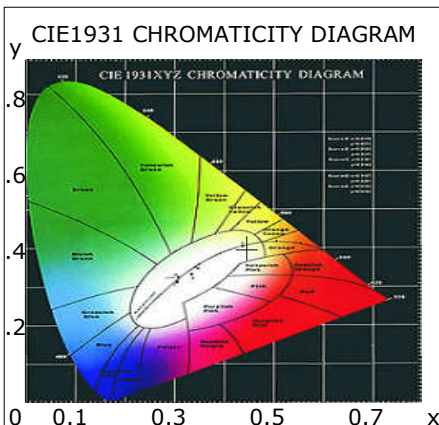
$R_1=83$   $R_2=92$   $R_3=96$   $R_4=82$   $R_5=84$   $R_6=91$   $R_7=82$   $R_8=62$

$R_9=18$   $R_{10}=82$   $R_{11}=82$   $R_{12}=73$   $R_{13}=85$   $R_{14}=99$   $R_{15}=76$

Color Quality Scale:  $Q_a=83.9$ ,  $Q_f=85.5$ ,  $Q_p=86.0$ ,  $Q_g=92.7$

$Q_1=80$   $Q_2=95$   $Q_3=84$   $Q_4=81$   $Q_5=84$   $Q_6=85$   $Q_7=85$   $Q_8=86$

$Q_9=96$   $Q_{10}=90$   $Q_{11}=87$   $Q_{12}=85$   $Q_{13}=84$   $Q_{14}=75$   $Q_{15}=77$



### Photometric Parameters

Luminous Flux: 861.79 lm

Efficiency: 119.76 lm/W

Radiant Power: 2.685 W

EEL: 0.11

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

### Electric Parameters

Voltage: 12.000V

Current: 0.5997A

Power: 7.20W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Sec

Max of Signal: 44259 (4309)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 318.76 ms

Condition:  $T_x=28.6^\circ C$ ,  $T_i=27.4^\circ C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-21 15:24:45

Inspector: