

## Lightsource Test Report

### Product Infomation

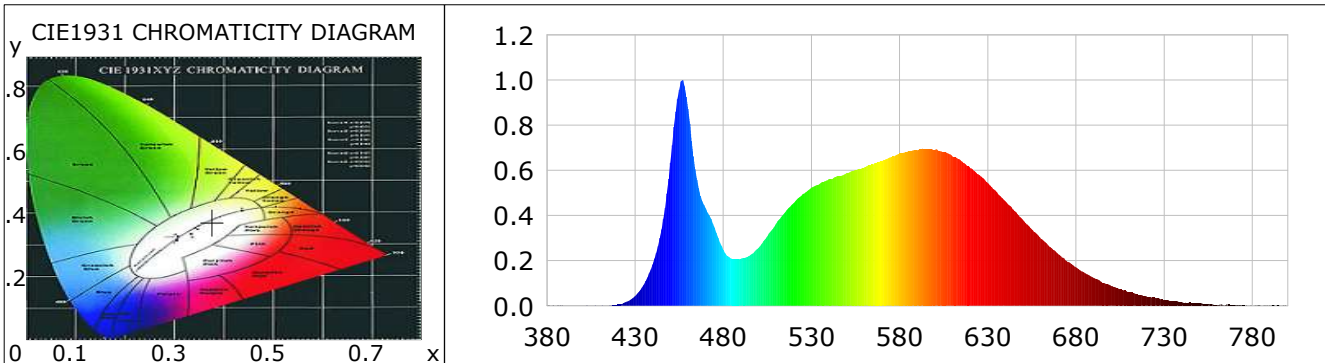
Product Category: DSG360-24-NW-33  
Product Number: 154-Bv1

Product Type: 12711

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3762$   $y=0.3723$   $u(u')=0.2241$   $v=0.3326$   $v'=0.4989$   
 CCT:  $T_c=4087K$  ( $duv=-0.00085$ ) Color Ratio:  $R=0.183$   $G=0.779$   $B=0.038$   
 Peak Wavelength: 456.7nm Half Bandwidth: 18.6nm  
 Dominant Wavelength: 579.2nm Color Purity: 0.246  
 CRI:  $R_a=83.4$  TM30:  $R_f=81$ ,  $R_g=93$   
 GAI:  $GAI\_BB\_8=92.4$ ,  $GAI\_BB\_15=101.1$ ,  $GAI\_EES=74.2$

R1 =83	R2 =91	R3 =94	R4 =80	R5 =81	R6 =85	R7 =86	R8 =67
R9 =17	R10=76	R11=77	R12=54	R13=85	R14=97	R15=78	
Color Quality Scale: $Q_a=81.2$ , $Q_f=81.4$ , $Q_p=81.1$ , $Q_g=92.1$							
Q1 =82	Q2 =98	Q3 =77	Q4 =70	Q5 =75	Q6 =79	Q7 =84	Q8 =88
Q9 =97	Q10=88	Q11=84	Q12=84	Q13=84	Q14=75	Q15=78	



### Photometric Parameters

Luminous Flux: 512.01 lm  
EEI: 0.11

Efficiency: 106.36 lm/W  
Energy Efficiency Class: A++ (EU 874-2012)

Radiant Power: 1.558 W

### Electric Parameters

Voltage: 23.999V  
Power Factor: 1.0000

Current: 0.2006A  
Frequency: 0.00Hz

Power: 4.81W

### Test Infomation

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min ALC.: 1.0000  
Max of Signal: 45889 (3251)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 411.58 ms

Condition:  $T_x:18.8^{\circ}C$ ,  $T_i:18.4^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2024-03-13 12:01:55  
Inspector: