

## Lightsource Test Report

### Product Infomation

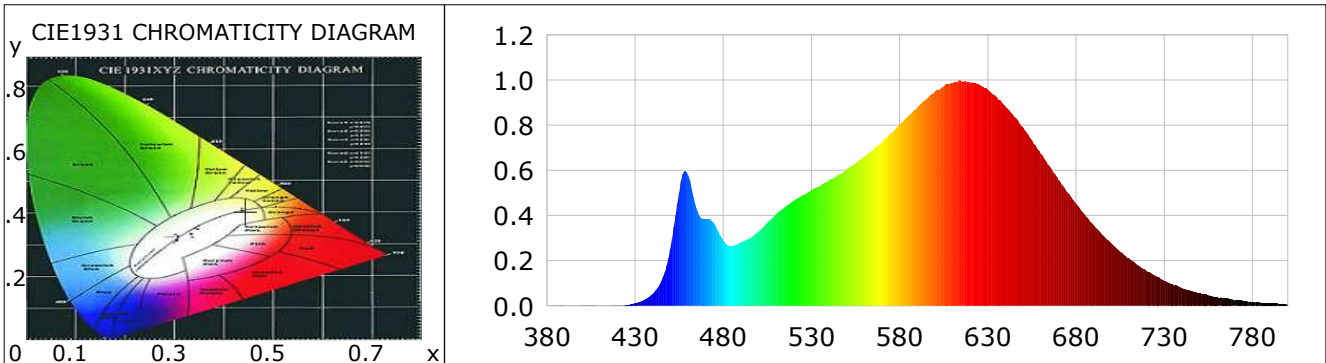
Product Category: DSG2160-24-WW-33  
Product Number: 154-Bv

Product Type: 13437

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4438$   $y=0.4069$   $u(u')=0.2537$   $v=0.3490$   $v'=0.5235$   
 CCT:  $T_c=2912K$  ( $duv=0.00025$ ) Color Ratio:  $R=0.247$   $G=0.723$   $B=0.031$   
 Peak Wavelength: 614.0nm Half Bandwidth: 148.1nm  
 Dominant Wavelength: 583.1nm Color Purity: 0.554  
 CRI:  $R_a=90.3$  TM30:  $R_f=87$ ,  $R_g=94$   
 GAI:  $GAI\_BB\_8=92.9$ ,  $GAI\_BB\_15=102.3$ ,  $GAI\_EES=51.1$

R1 =91	R2 =98	R3 =96	R4 =88	R5 =91	R6 =97	R7 =87	R8 =75
R9 =48	R10=94	R11=89	R12=76	R13=93	R14=99	R15=86	
Color Quality Scale: $Q_a=88.5$ , $Q_f=90.2$ , $Q_p=89.3$ , $Q_g=92.0$							
Q1 =84	Q2 =93	Q3 =91	Q4 =85	Q5 =85	Q6 =86	Q7 =90	Q8 =92
Q9 =96	Q10=96	Q11=94	Q12=92	Q13=91	Q14=84	Q15=85	



### Photometric Parameters

Luminous Flux: 759.27 lm  
EEI: 0.09

Efficiency: 145.18 lm/W  
Energy Efficiency Class: A++ (EU 874-2012)

Radiant Power: 2.547 W

### Electric Parameters

Voltage: 23.999V  
Power Factor: 1.0000

Current: 0.2180A  
Frequency: 0.00Hz

Power: 5.23W

### Test Infomation

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min ALC.: 1.0000  
Max of Signal: 45001 (3346)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 370.89 ms

Condition:  $T_x:20.0^{\circ}C$ ,  $T_i:19.0^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2024-03-13 13:52:07  
Inspector: