

## Lightsource Test Report

### Product Infomation

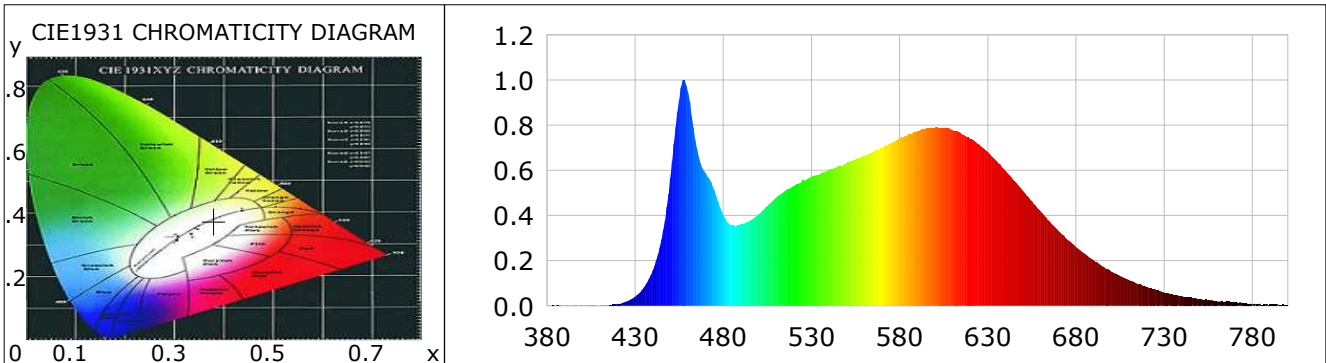
Product Category: DSG2120-24-NW-33  
Product Number: 161-B

Product Type: 4501

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3798$   $y=0.3754$   $u(u')=0.2253$   $v=0.3339$   $v'=0.5009$   
 CCT:  $T_c=4006K$  ( $duv=-0.00047$ ) Color Ratio:  $R=0.194$   $G=0.759$   $B=0.047$   
 Peak Wavelength: 457.5nm Half Bandwidth: 26.4nm  
 Dominant Wavelength: 579.3nm Color Purity: 0.267  
 CRI:  $R_a=88.8$  TM30:  $R_f=85$ ,  $R_g=93$   
 GAI:  $GAI\_BB\_8=92.9$ ,  $GAI\_BB\_15=100.6$ ,  $GAI\_EES=73.4$

R1 =90	R2 =98	R3 =95	R4 =85	R5 =88	R6 =94	R7 =86	R8 =74
R9 =42	R10=92	R11=85	R12=67	R13=93	R14=98	R15=85	
Color Quality Scale: $Q_a=87.3$ , $Q_f=87.4$ , $Q_p=86.2$ , $Q_g=92.9$							
Q1 =83	Q2 =95	Q3 =88	Q4 =81	Q5 =82	Q6 =83	Q7 =89	Q8 =92
Q9 =98	Q10=96	Q11=93	Q12=91	Q13=90	Q14=83	Q15=84	



### Photometric Parameters

Luminous Flux: 1567.0 lm  
EEI: 0.12

Efficiency: 110.95 lm/W  
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 5.047 W

### Electric Parameters

Voltage: 23.999V  
Power Factor: 1.0000

Current: 0.5885A  
Frequency: 0.00Hz

Power: 14.12W

### Test Infomation

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min ALC.: 1.0000  
Max of Signal: 45357 (3926)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4PI  
CCD Integration Time: 148.72 ms

Condition:  $T_x:27.7^{\circ}C$ ,  $T_i:27.4^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2024-07-02 14:57:10  
Inspector: