



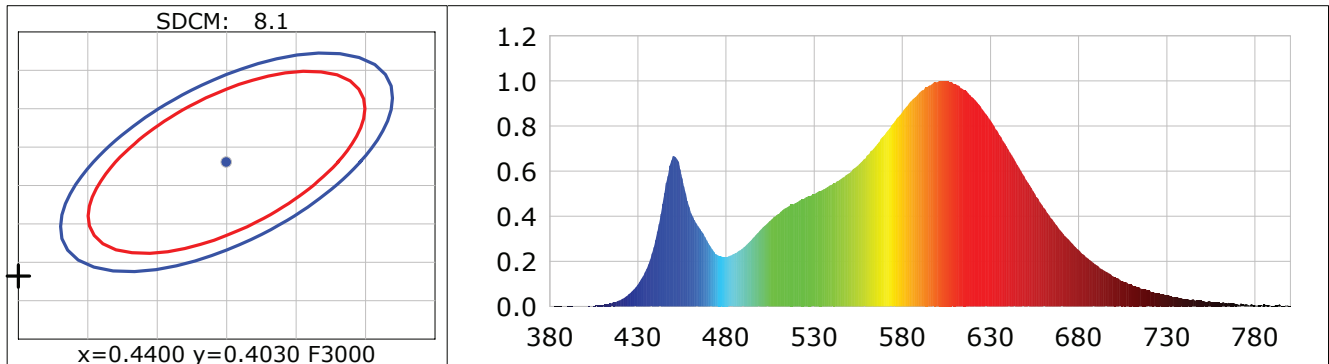
## Lightsource Test Report

### Product Infomation

Product Type: 7309-12V-2835-168D-  
10MM CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4242$   $y=0.3882$   $u(u')=0.2492$   $v=0.3420$   $v'=0.5130$   
 CCT:  $T_c=3093K$  ( $duv=-0.00466$ ) Color Ratio:  $R=0.228$   $G=0.742$   $B=0.030$   
 Peak Wavelength: 601.4nm Half Bandwidth: 124.5nm  
 Dominant Wavelength: 584.3nm Color Purity: 0.439  
 CRI:  $R_a=83.8$  TM30:  $R_f=85$ ,  $R_g=98$   
 GAI:  $GAI\_BB\_8=105.2$ ,  $GAI\_BB\_15=110.6$ ,  $GAI\_EES=63.0$

R1 =83	R2 =93	R3 =95	R4 =82	R5 =85	R6 =92	R7 =81	R8 =60
R9 =12	R10=85	R11=82	R12=78	R13=86	R14=98	R15=76	
Color Quality Scale: $Q_a=82.4$ , $Q_f=83.0$ , $Q_p=85.8$ , $Q_g=94.2$							
Q1 =79	Q2 =96	Q3 =82	Q4 =80	Q5 =84	Q6 =85	Q7 =84	Q8 =85
Q9 =95	Q10=89	Q11=85	Q12=81	Q13=81	Q14=73	Q15=75	



### Photometric Parameters

Luminous Flux: 1829.7 lm Efficiency: 121.01 lm/W Radiant Power: 5.638 W  
 EEI: 0.11 Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 12.000V Current: 1.2601A Power: 15.12W  
 Power Factor: 1.0000 Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 5 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T  
 Max of Signal: 46044 (3110) CCD Integration Time: 303.35 ms

Condition:  $T_x:30.9^{\circ}C$ ,  $T_i:27.8^{\circ}C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2024-05-24 15:55:41  
 Inspector: