



## Lightsource Test Report

### Product Infomation

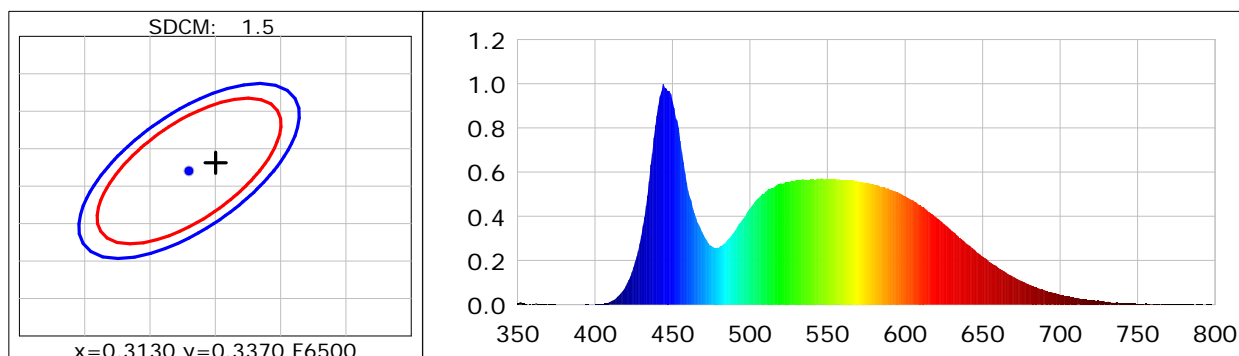
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3150$   $y=0.3381$   $u(u')=0.1961$   $v=0.3156$   $v'=0.4734$   
 CCT:  $T_c=6324K$  ( $duv=0.00664$ ) Color Ratio:  $R=0.132$   $G=0.816$   $B=0.052$   
 Peak Wavelength: 444.2nm Half Bandwidth: 26.6nm  
 Dominant Wavelength: 495.1nm Color Purity: 0.059  
 Central Wave: 447.4nm Gravity Wave: 446.3nm  
 CRI:  $R_a=81.5$  TM30:  $R_f=83$ ,  $R_g=96$   
 GAI:  $GAI\_BB\_8=90.1$ ,  $GAI\_BB\_15=93.7$ ,  $GAI\_EES=87.1$   

R1 =79	R2 =84	R3 =89	R4 =83	R5 =81	R6 =80	R7 =87	R8 =69
R9 =0	R10=64	R11=83	R12=64	R13=80	R14=94	R15=73	

Color Quality Scale:  $Q_a=82.3$ ,  $Q_f=82.2$ ,  $Q_p=82.9$ ,  $Q_g=92.2$   

Q1 =85	Q2 =97	Q3 =79	Q4 =78	Q5 =83	Q6 =84	Q7 =86	Q8 =91
Q9 =96	Q10=85	Q11=83	Q12=82	Q13=82	Q14=69	Q15=75	



### Photometric Parameters

Luminous Flux: 3171.1 lm Efficiency: 107.05 lm/W Radiant Power: 10.064 W  
 Total mains efficacy: 107.05 lm/W Energy Efficiency Class: F (EU 2019/2015)  
 Auxiliary lamp correction factor: 1.00

### Electric Parameters

Voltage: 229.76V Current: 0.2351A Power: 29.62W  
 Power Factor: 0.5483 Frequency: 49.99Hz DF: 0.9491

### Test Infomation

Scan Range: 350~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 45963 (2432) CCD Integration Time: 249.99 ms

Condition: Tx: 19.3°C, Ti: 17.8°C, R.H.: 60%  
 Test Lab:  
 Operator:

Test Device: CMS-3500S  
 Test Time: 2025-11-25 14:04:49  
 Inspector: