

## Lightsource Test Report

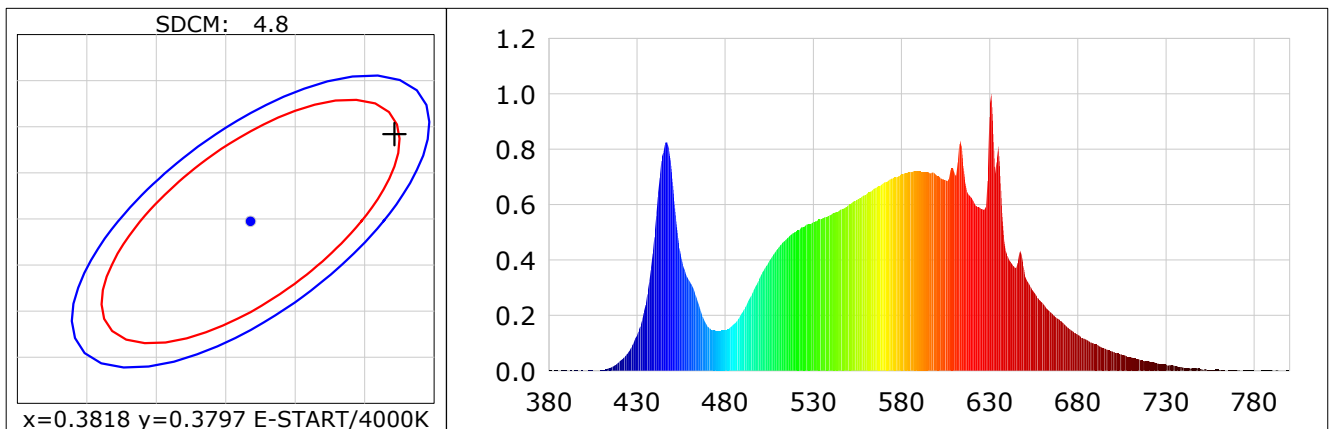
### Product Information

Product Category: PLB002-PB0210  
Product Spec: 813025096

Product Type: 25W4000K  
Product Number: 1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3921$   $y=0.3892$   $u(u')=0.2278$   $v=0.3391$   $v'=0.5087$   
CCT:  $T_c=3792K$  ( $duv=0.00247$ ) Color Ratio:  $R=0.189$   $G=0.782$   $B=0.029$   
Peak Wavelength: 630.7nm Half Bandwidth: 118.6nm  
Dominant Wavelength: 578.7nm Color Purity: 0.345  
CRI:  $R_a=82.4$   
R1 =81 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =87 R8 =67  
R9 =13 R10=68 R11=83 R12=62 R13=82 R14=95 R15=75  
Color Quality Scale:  $Q_a=83.5$ ,  $Q_f=83.5$ ,  $Q_p=83.9$ ,  $Q_g=94.2$   
Q1 =82 Q2 =98 Q3 =79 Q4 =79 Q5 =84 Q6 =83 Q7 =85 Q8 =90  
Q9 =97 Q10=88 Q11=86 Q12=85 Q13=85 Q14=74 Q15=77



### Photometric Parameters

Luminous Flux: 3842.68 lm  
EEI: 0.10

Efficiency: 141.90 lm/W

Radiant Power: 11.167 W

Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 219.50V  
Power Factor: 0.9620

Current: 0.1280A  
Frequency: 49.99Hz

Power: 27.08W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min  
Max of Signal: 48601 (3160)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4 $\pi$   
CCD Integration Time: 404.38 ms

Condition:  $T_x=24.3^\circ C$ ,  $T_i=22.1^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-3000S  
Test Time: 2022-12-09 19:32:52  
Inspector:

## Lightsource Test Report

### Product Information

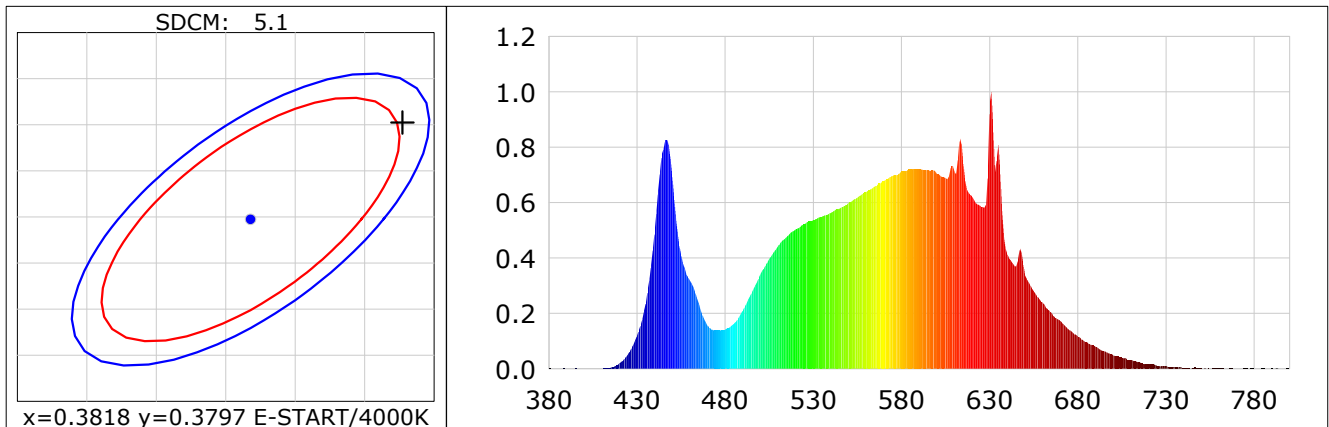
Product Category: PLB002-PB0210  
 Product Spec: 813025096

Product Type: 25W4000K  
 Product Number: 2

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3927$   $y=0.3902$   $u(u')=0.2278$   $v=0.3395$   $v'=0.5092$   
 CCT:  $T_c=3786K$  ( $duv=0.00279$ ) Color Ratio:  $R=0.189$   $G=0.782$   $B=0.028$   
 Peak Wavelength: 630.7nm Half Bandwidth: 118.6nm  
 Dominant Wavelength: 578.6nm Color Purity: 0.350  
 CRI:  $R_a=82.2$

R1 =81	R2 =86	R3 =92	R4 =83	R5 =81	R6 =82	R7 =87	R8 =67
R9 =11	R10=68	R11=83	R12=61	R13=81	R14=95	R15=74	
Color Quality Scale: $Q_a=83.3$ , $Q_f=83.3$ , $Q_p=83.6$ , $Q_g=94.0$							
Q1 =81	Q2 =98	Q3 =79	Q4 =79	Q5 =83	Q6 =83	Q7 =85	Q8 =90
Q9 =97	Q10=88	Q11=86	Q12=85	Q13=85	Q14=74	Q15=76	



### Photometric Parameters

Luminous Flux: 3844.62 lm  
 EEI: 0.10

Efficiency: 142.03 lm/W

Radiant Power: 11.024 W

Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 219.50V  
 Power Factor: 0.9620

Current: 0.1290A  
 Frequency: 50.00Hz

Power: 27.07W

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Min  
 Max of Signal: 48674 (3178)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 2.00m, 4T  
 CCD Integration Time: 404.38 ms

Condition:  $T_x:24.2^{\circ}C$ ,  $T_i:22.1^{\circ}C$ , R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2022-12-09 19:33:29  
 Inspector: