

## Lightsource Test Report

### Product Information

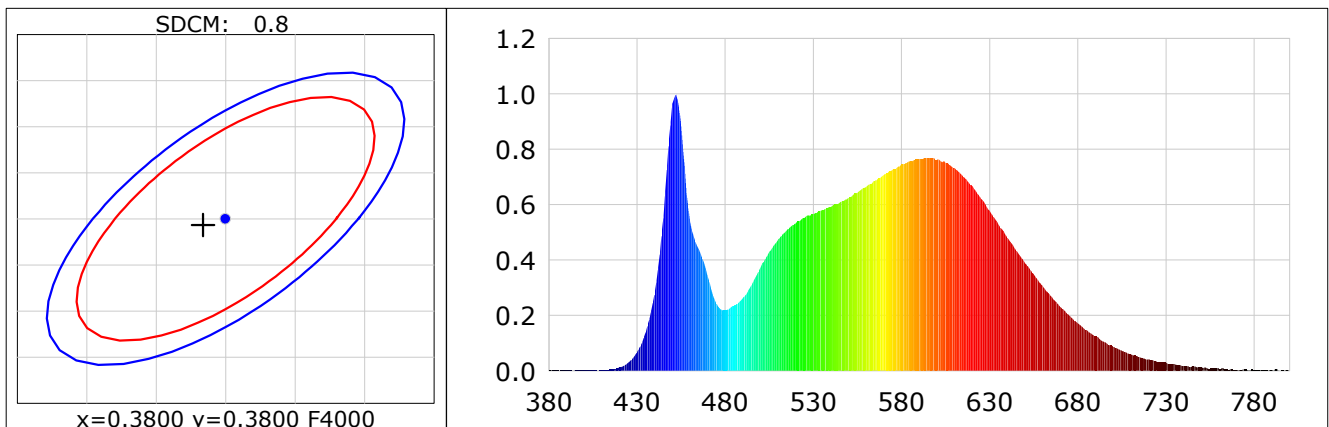
Product Category: MLL004-A  
Product Spec: 4000K

Product Type: 30W  
Product Number: 2

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3784$   $y=0.3793$   $u(u')=0.2227$   $v=0.3349$   $v'=0.5024$   
CCT:  $T_c=4075K$  ( $duv=0.00180$ ) Color Ratio:  $R=0.180$   $G=0.783$   $B=0.036$   
Peak Wavelength: 451.9nm Half Bandwidth: 17.4nm  
Dominant Wavelength: 577.8nm Color Purity: 0.274  
CRI: Ra: Ra= 83.1

|  |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|
| R1 =81   | R2 =89 | R3 =95 | R4 =82 | R5 =81 | R6 =85 | R7 =86 | R8 =65 |
| R9 =8  | R10=74 | R11=81 | R12=58 | R13=83 | R14=97 | R15=75 |        |
| Color Quality Scale: $Q_a= 82.9$ , $Q_f= 83.2$ , $Q_p= 82.3$ , $Q_g= 92.0$ |        |        |        |        |        |        |        |
| Q1 =82   | Q2 =98 | Q3 =80 | Q4 =76 | Q5 =81 | Q6 =83 | Q7 =85 | Q8 =89 |
| Q9 =98   | Q10=90 | Q11=86 | Q12=85 | Q13=84 | Q14=73 | Q15=76 |        |



### Photometric Parameters

Luminous Flux: 3905.46 lm  
EEI: 0.11

Efficiency: 127.34 lm/W

Radiant Power: 11.679 W

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

### Electric Parameters

Voltage: 219.90V  
Power Factor: 0.9660

Current: 0.1440A  
Frequency: 50.00Hz

Power: 30.67W

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min  
Max of Signal: 45291 (3438)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4T  
CCD Integration Time: 308.23 ms

Condition: Tx:27.0'C, Ti:24.4'C, R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-3000S  
Test Time: 2023-02-24 16:00:57  
Inspector: