

## Lightsource Test Report

### Product Information

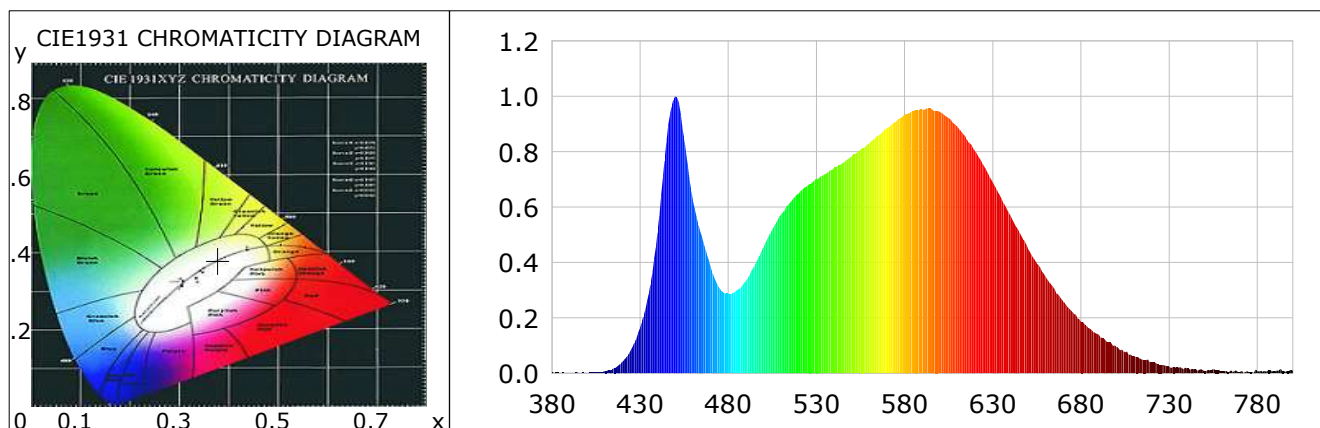
Product Category: DOWN LIGHT  
Product Spec: 5W  
Buyer: 1

Product Type: MBD005 5W  
10291005  
Product Number: 4000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3775$   $y=0.3800$   $u(u')=0.2219$   $v=0.3350$   $v'=0.5026$   
CCT:  $T_c=4015K$  ( $duv=0.00239$ ) Color Ratio:  $R=0.176$   $G=0.788$   $B=0.036$   
Peak Wavelength: 450nm Half Bandwidth: 25.0nm  
Dominant Wavelength: 577.4nm Color Purity: 0.273  
CRI:  $R_i$ :  $R_a=71.4$

|          |             |             |             |             |             |             |          |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| $R_1=79$ | $R_2=87$    | $R_3=94$    | $R_4=81$    | $R_5=79$    | $R_6=83$    | $R_7=85$    | $R_8=62$ |
| $R_9=0$  | $R_{10}=71$ | $R_{11}=79$ | $R_{12}=60$ | $R_{13}=81$ | $R_{14}=97$ | $R_{15}=72$ |          |



### Photometric Parameters

Luminous Flux: 485.6 lm

Efficiency: 91.96 lm/W

Radiant Power: 1.218W

### Electric Parameters

Voltage: 219.90V

Current: 0.0540A

Power: 5.28W

Power Factor: 0.4450

Frequency: 50.00Hz

### Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Sec

Photometric Condition: Sphere diameter: 1.50m, 4 $\pi$

Max of Signal: 45645 (3783)

CCD Integration Time: 525.58 ms

Condition:  $T_x=27.0^\circ C$ ,  $T_i=27.0^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-2S (Plus)  
Test Time:  
Inspector: