

## Lightsource Test Report

### Product Information

Product Category: DOWN LIGHT  
 Product Spec: 30W  
 Buyer: 1

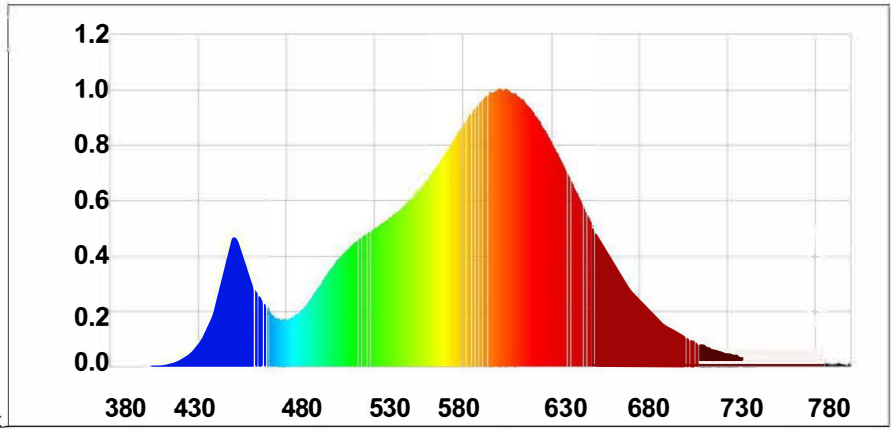
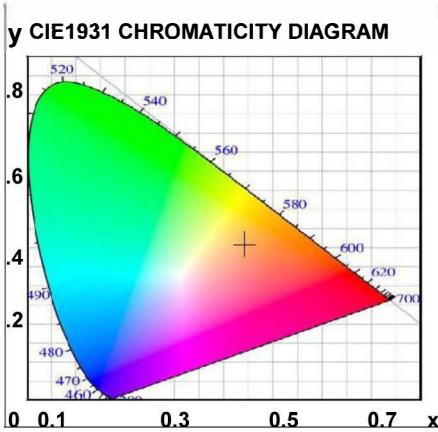
Product Type: MB-D016-30W  
 Product Number: 3000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4409$   $y=0.4083$   
 CCT:  $T_c=2968K$  ( $duv=0.00115$ )  
 Peak Wavelength: 604nm  
 Dominant Wavelength: 582.6nm  
 CRI:  $R_i$ :  $R_a=81.0$

$u(u')=0.2513$   $v=0.3491$   $v'(v)=0.5236$   
 Color Ratio:  $R=0.228$      $G=0.748$      $B=0.024$   
 Half Bandwidth: 123.2nm  
 Color Purity: 0.549

$R_1=79$	$R_2=89$	$R_3=97$	$R_4=79$	$R_5=79$	$R_6=88$	$R_7=81$	$R_8=56$
$R_9=0$	$R_{10}=76$	$R_{11}=78$	$R_{12}=69$	$R_{13}=81$	$R_{14}=99$	$R_{15}=71$	



### Photometric Parameters

Luminous Flux: 2698.9 lm      Efficiency: 87.77 lm/W      Radiant Power: 7.995 W

### Electric Parameters

Voltage: 219.60V      Current: 0.3080A      Power: 30.75W  
 Power Factor: 0.4540      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°  
 Max of Signal: 50548 (3470)      CCD Integration Time: 532.83 ms

Condition:  $T_x=24.1^\circ C$ ,  $T_i=23.1^\circ C$ , R.H.:60%  
 Test Lab:

Test Device: Inventive CMS-2S (Plus)  
 Test Time:

Operator:

Inspector: