

Lightsource Test Report

Product Information

Product Category: DOWN LIGHT
Product Spec: 10W

Product Type: D015
Product Number: 01

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4429$ $y=0.4066$ $u(u')=0.2533$ $v=0.3488$ $v'=0.5233$

CCT: $T_c=2923K$ ($duv=0.00023$)

Color Ratio: $R=0.234$ $G=0.741$ $B=0.026$

Peak Wavelength: 604nm

Half Bandwidth: 122.5nm

Dominant Wavelength: 583.1nm

Color Purity: 0.550

CRI: R_i : $R_a=81.9$

$R_1=80$

$R_2=91$

$R_3=96$

$R_4=79$

$R_5=81$

$R_6=90$

$R_7=81$

$R_8=57$

$R_9=5$

$R_{10}=80$

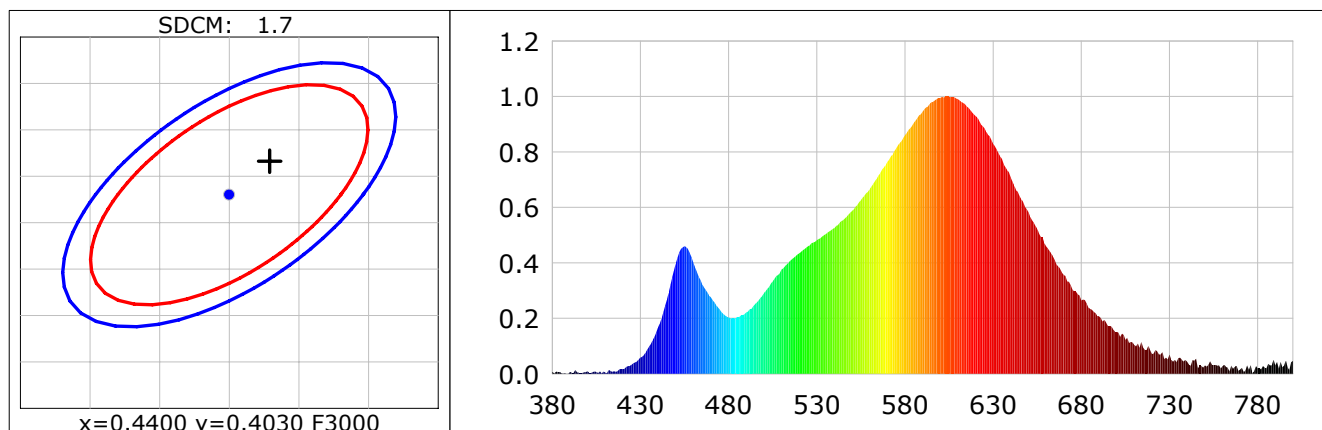
$R_{11}=78$

$R_{12}=71$

$R_{13}=83$

$R_{14}=98$

$R_{15}=73$



Photometric Parameters

Luminous Flux: 885.3 lm

Efficiency: 77.45 lm/W

Radiant Power: 2.685 W

Electric Parameters

Voltage: 220.10V

Current: 0.0550A

Power: 11.43W

Power Factor: 0.9410

Frequency: 49.99Hz

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: 43511 (4835)

CCD Integration Time: 2149.95 ms

Condition: Tx:31.5'C, Ti:30.9'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2015-07-31 10:58:38
Inspector: