

Lightsource Test Report

Product Information

Product Category: DOWN LIGHT
Product Spec: 18W

Product Type: D016
Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3144$ $y=0.3309$ $u(u')=0.1983$ $v=0.3131$ $v'=0.4696$

CCT: $T_c=6404K$ ($duv=0.00333$)

Color Ratio: $R=0.136$ $G=0.809$ $B=0.055$

Peak Wavelength: 452nm

Half Bandwidth: 24.1nm

Dominant Wavelength: 490.1nm

Color Purity: 0.066

CRI: R_i : $R_a=85.0$

$R_1=85$

$R_2=86$

$R_3=84$

$R_4=90$

$R_5=84$

$R_6=79$

$R_7=93$

$R_8=80$

$R_9=26$

$R_{10}=63$

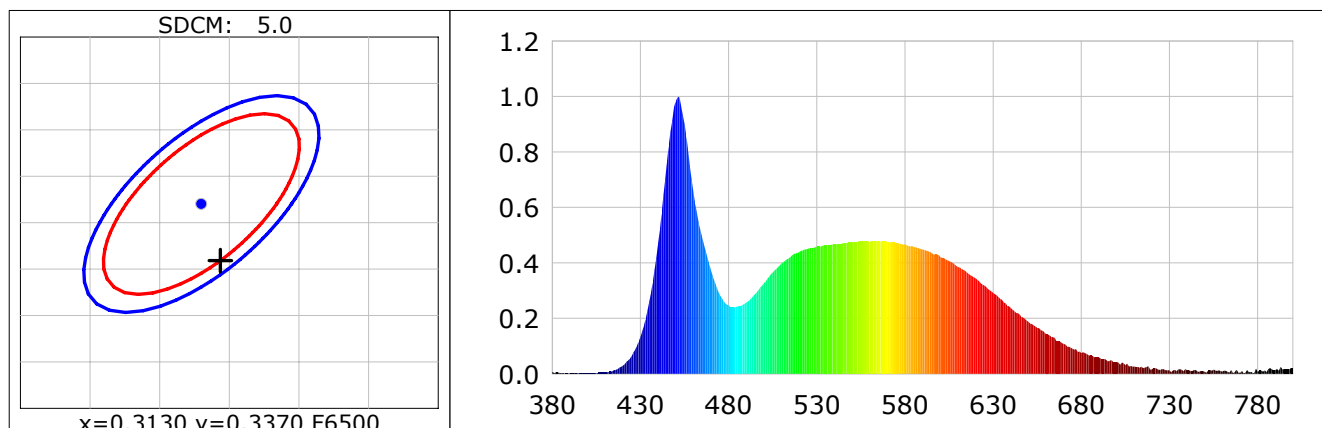
$R_{11}=90$

$R_{12}=50$

$R_{13}=85$

$R_{14}=91$

$R_{15}=83$



Photometric Parameters

Luminous Flux: 1538.2 lm

Efficiency: 85.74 lm/W

Radiant Power: 4.936 W

Electric Parameters

Voltage: 220.20V

Current: 0.0860A

Power: 17.94W

Power Factor: 0.9460

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 π

Max of Signal: 44489 (4439)

CCD Integration Time: 476.84 ms

Condition: $T_x:31.5^{\circ}C$, $T_i:30.9^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2015-07-31 15:25:51
Inspector: