

Lightsource Test Report

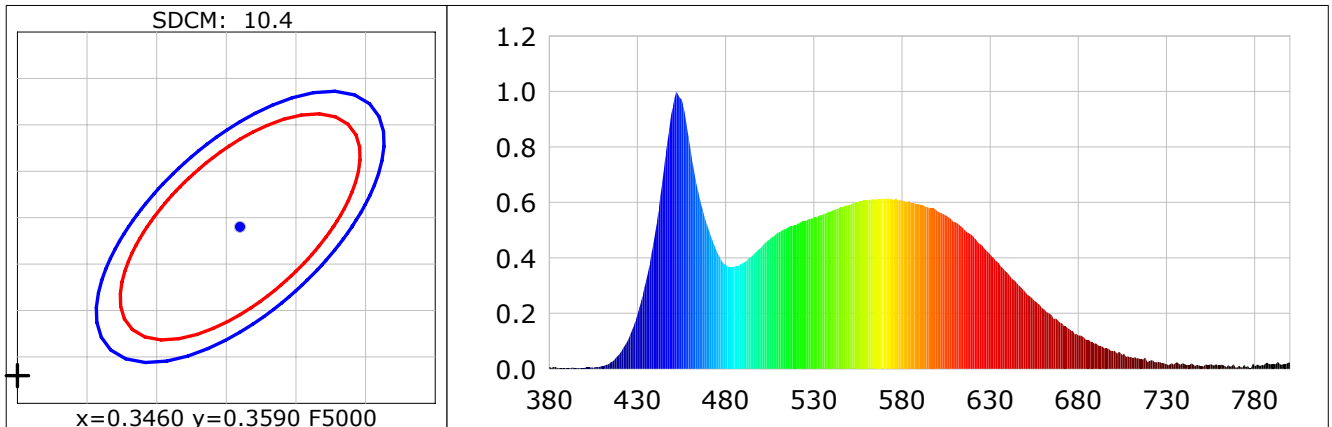
Product Information

Product Category: DOWN LIGHT
Product Spec: 15W

Product Type: D016
Product Number: 16

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3280$ $y=0.3430$ $u(u')=0.2031$ $v=0.3186$ $v'=0.4779$
CCT: $T_c=5696K$ ($duv=0.00296$) Color Ratio: $R=0.147$ $G=0.796$ $B=0.057$
Peak Wavelength: 452nm Half Bandwidth: 30.2nm
Dominant Wavelength: 518.5nm Color Purity: 0.019
CRI: R_i : $R_a=87.3$
 $R_1=86$ $R_2=89$ $R_3=89$ $R_4=90$ $R_5=86$ $R_6=83$ $R_7=94$ $R_8=81$
 $R_9=33$ $R_{10}=71$ $R_{11}=89$ $R_{12}=58$ $R_{13}=87$ $R_{14}=93$ $R_{15}=85$



Photometric Parameters

Luminous Flux: 1356.3 lm

Efficiency: 77.81 lm/W

Radiant Power: 4.346 W

Electric Parameters

Voltage: 220.00V

Current: 0.0890A

Power: 17.43W

Power Factor: 0.9430

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Sec
Max of Signal: 45767 (4452)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 567.04 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 15:15:28
Inspector: