

Lightsource Test Report

Product Information

Product Category: S18568MS

Product Number: 57

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3816$ $y=0.3785$ $u(u')=0.2251$ $v=0.3350$ $v'(v')=0.5025$

CCT: $T_c=3983K$ ($duv=0.00050$)

Color Ratio: $R=0.187$ $G=0.776$ $B=0.038$

Peak Wavelength: 449.4nm

Half Bandwidth: 20.8nm

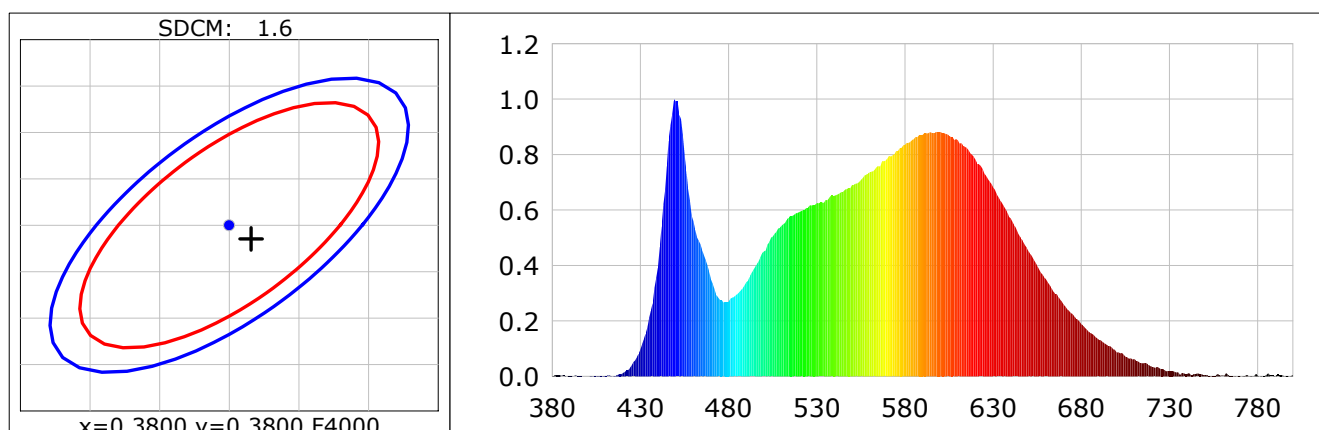
Dominant Wavelength: 578.9nm

Color Purity: 0.281

Color Render Index: $R_a=84.8$, $avgR(1\sim14)=78.9$, $avgR(1\sim15)=78.7$

$R_1=83$ $R_2=91$ $R_3=96$ $R_4=84$ $R_5=84$ $R_6=88$ $R_7=86$ $R_8=66$

$R_9=13$ $R_{10}=79$ $R_{11}=84$ $R_{12}=66$ $R_{13}=85$ $R_{14}=98$ $R_{15}=77$



Photometric Parameters

Luminous Flux: 4038.09 lm

Efficiency: 129.09 lm/W

Radiant Power: 12.120 W

Electric Parameters

Voltage: 230.60V

Current: 0.1750A

Power: 31.28W

Power Factor: 0.9710

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 47219 (3460)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.75m, 4π

CCD Integration Time: 1323.60 ms

Condition: Tx:20.3'C, Ti:19.3'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2021-11-22 12:19:38

Inspector: