

Lightsource Test Report

Product Information

Product Type: ML-0425

Product Number: 55

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4346$ $y=0.4088$ $u(u')=0.2470$ $v=0.3486$ $v'=0.5229$

CCT: $T_c=3078K$ ($duv=0.00220$)

Color Ratio: $R=0.233$ $G=0.738$ $B=0.030$

Peak Wavelength: 609nm

Half Bandwidth: 152.0nm

Dominant Wavelength: 581.7nm

Color Purity: 0.532

CRI: R_i : $R_a=91.1$

$R_1=91$

$R_2=95$

$R_3=98$

$R_4=92$

$R_5=92$

$R_6=95$

$R_7=89$

$R_8=76$

$R_9=44$

$R_{10}=89$

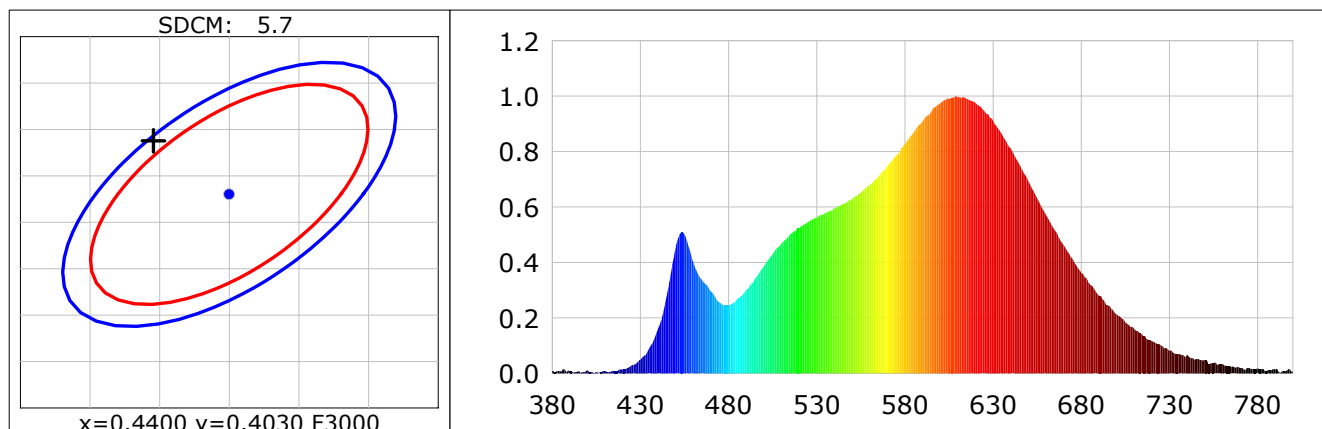
$R_{11}=95$

$R_{12}=85$

$R_{13}=92$

$R_{14}=99$

$R_{15}=85$



Photometric Parameters

Luminous Flux: 377.2 lm

Efficiency: 41.32 lm/W

Radiant Power: 1.201 W

Electric Parameters

Voltage: 120.90V

Current: 0.1300A

Power: 9.13W

Power Factor: 0.5820

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 π

Max of Signal: 44198 (4148)

CCD Integration Time: 1405.36 ms

Condition: $T_x=29.1^{\circ}C$, $T_i=28.4^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2023-05-24 16:04:26

Inspector:

Lightsource Test Report

Product Information

Product Type: ML-0425

Product Number: 56

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4350$ $y=0.4090$ $u(u')=0.2472$ $v=0.3487$ $v'=0.5230$

CCT: $T_c=3073K$ ($duv=0.00225$)

Color Ratio: $R=0.233$ $G=0.737$ $B=0.029$

Peak Wavelength: 609nm

Half Bandwidth: 151.9nm

Dominant Wavelength: 581.7nm

Color Purity: 0.534

CRI: R_i : $R_a=91.4$

$R_1=92$

$R_2=97$

$R_3=97$

$R_4=92$

$R_5=93$

$R_6=96$

$R_7=88$

$R_8=75$

$R_9=44$

$R_{10}=94$

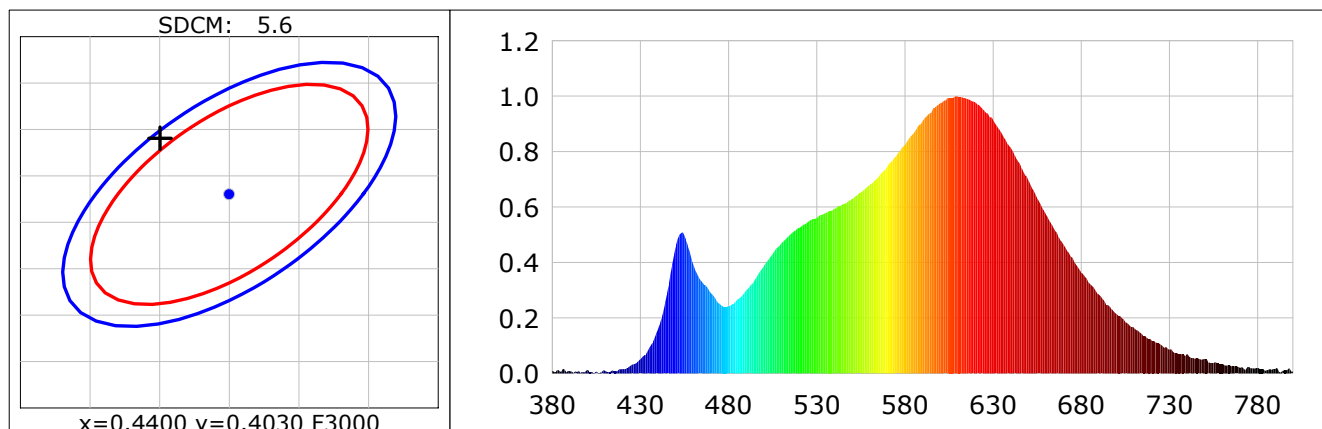
$R_{11}=95$

$R_{12}=82$

$R_{13}=94$

$R_{14}=99$

$R_{15}=86$



Photometric Parameters

Luminous Flux: 378.2 lm

Efficiency: 41.15 lm/W

Radiant Power: 1.206 W

Electric Parameters

Voltage: 221.60V

Current: 0.0760A

Power: 9.19W

Power Factor: 0.5480

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 π

Max of Signal: 44431 (4237)

CCD Integration Time: 1405.36 ms

Condition: Tx:29.1'C, Ti:28.4'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2023-05-24 16:07:27

Inspector: