

Lightsource Test Report

Product Information

Product Category: FE-LPST1238-3K

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4345$ $y=0.4026$ $u(u')=0.2496$ $v=0.3470$ $v'=0.5204$

CCT: $T_c=3030K$ ($duv=-0.00026$)

Color Ratio: $R=0.227$ $G=0.748$ $B=0.024$

Peak Wavelength: 601.9nm

Half Bandwidth: 136.7nm

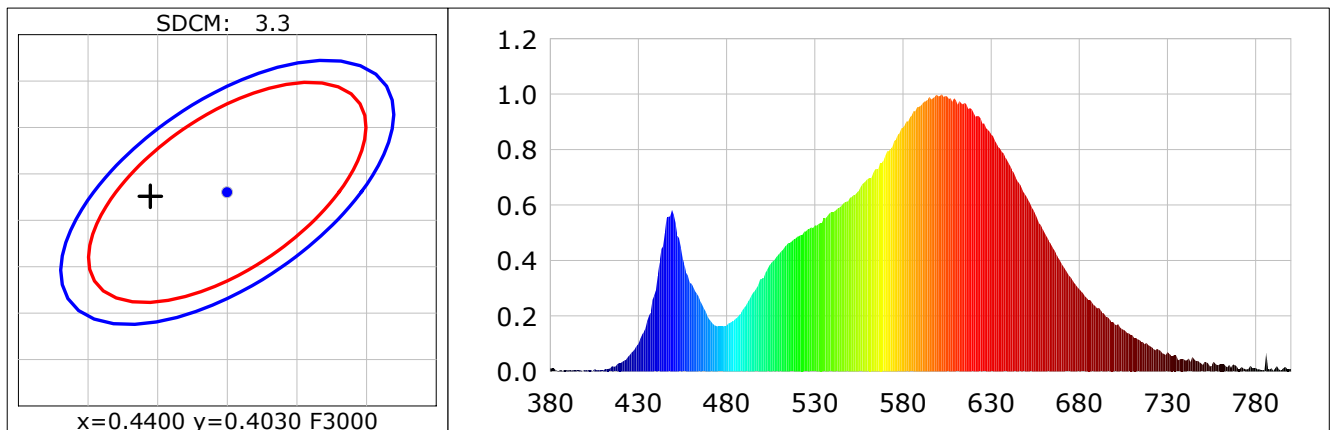
Dominant Wavelength: 582.8nm

Color Purity: 0.513

Color Render Index: $R_a=83.6$, $avgR(1\sim14)=78.4$, $avgR(1\sim15)=78.2$

R1 =82 R2 =90 R3 =97 R4 =83 R5 =82 R6 =89 R7 =84 R8 =62

R9 =13 R10=78 R11=83 R12=73 R13=84 R14=99 R15=75



Photometric Parameters

Luminous Flux: 3875.95 lm

Efficiency: 102.81 lm/W

Radiant Power: 11.931 W

Electric Parameters

Voltage: 230.70V

Current: 0.1910A

Power: 37.70W

Power Factor: 0.9450

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 43872 (6543)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.75m, 4π

CCD Integration Time: 1760.17 ms

Condition: Tx:34.9'C, Ti:34.1'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2022-07-07 13:38:51

Inspector:

Lightsource Test Report

Product Information

Product Category: FE-LPST1238-4K

Product Number: 5

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3850$ $y=0.3752$ $u(u')=0.2288$ $v=0.3344$ $v'(v')=0.5016$

CCT: $T_c=3865K$ ($duv=-0.00204$)

Color Ratio: $R=0.193$ $G=0.771$ $B=0.036$

Peak Wavelength: 449.9nm

Half Bandwidth: 20.9nm

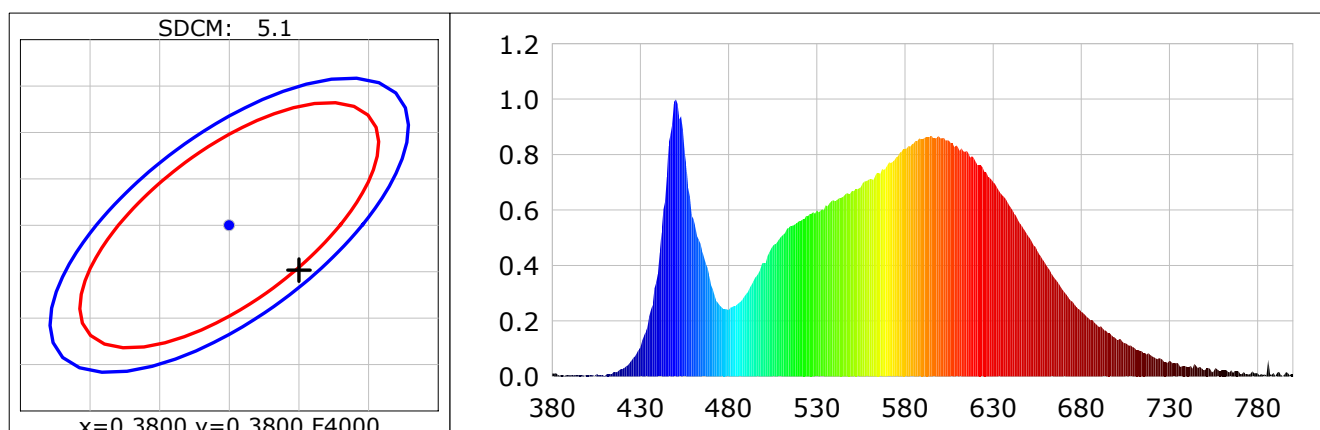
Dominant Wavelength: 580.7nm

Color Purity: 0.281

Color Render Index: $R_a=85.8$, $avgR(1\sim14)=80.4$, $avgR(1\sim15)=80.3$

R1 =85 R2 =91 R3 =95 R4 =85 R5 =85 R6 =88 R7 =87 R8 =69

R9 =23 R10=79 R11=85 R12=67 R13=87 R14=98 R15=80



Photometric Parameters

Luminous Flux: 4246.82 lm

Efficiency: 114.47 lm/W

Radiant Power: 13.263 W

Electric Parameters

Voltage: 230.80V

Current: 0.1840A

Power: 37.10W

Power Factor: 0.9430

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 49129 (6718)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.75m, 4π

CCD Integration Time: 1760.17 ms

Condition: Tx:34.9'C, Ti:34.1'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2022-07-07 13:40:15

Inspector:

Lightsource Test Report

Product Information

Product Category: FE-LPST1238-5K

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3454$ $y=0.3536$ $u(u')=0.2108$ $v=0.3238$ $v'=0.4857$

CCT: $T_c=4996K$ ($duv=0.00089$)

Color Ratio: $R=0.158$ $G=0.796$ $B=0.046$

Peak Wavelength: 450.0nm

Half Bandwidth: 21.6nm

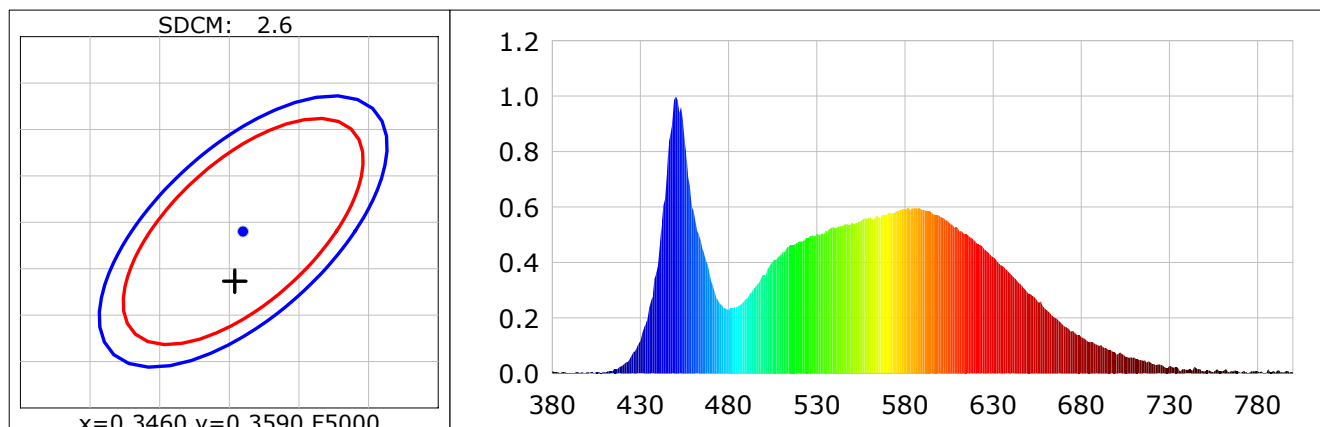
Dominant Wavelength: 571.9nm

Color Purity: 0.098

Color Render Index: $R_a=83.8$, $avgR(1\sim14)=77.0$, $avgR(1\sim15)=77.0$

$R_1=82$ $R_2=89$ $R_3=93$ $R_4=83$ $R_5=82$ $R_6=84$ $R_7=88$ $R_8=70$

$R_9=14$ $R_{10}=73$ $R_{11}=82$ $R_{12}=58$ $R_{13}=84$ $R_{14}=96$ $R_{15}=77$



Photometric Parameters

Luminous Flux: 4051.67 lm

Efficiency: 105.51 lm/W

Radiant Power: 12.697 W

Electric Parameters

Voltage: 230.80V

Current: 0.1890A

Power: 38.40W

Power Factor: 0.9450

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 44870 (6319)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.75m, 4 π

CCD Integration Time: 1254.06 ms

Condition: Tx:34.9'C, Ti:34.1'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2022-07-07 13:40:44

Inspector: