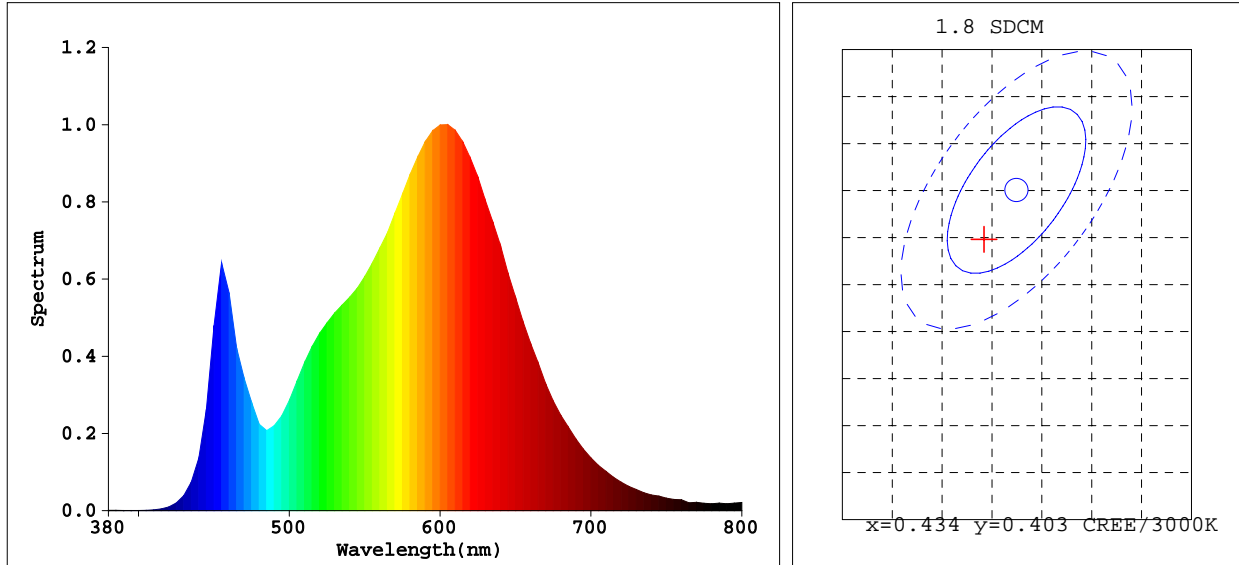


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4310$ $y=0.3988$
 Chromaticity Coordinate: $u'=0.2490$ $v'=0.5184$ ($duv=-1.29e-03$)
 Tc=3059K Dominant WL:Ld=583.0nm Purity=49.1% Centroid WL:588.0nm
 Ratio:R=24.4% G=73.0% B=2.6% Peak WL:Lp=605.0nm HWL:126.4nm
 Render Index:Ra=82.1
 R1 =81 R2 =92 R3 =95 R4 =79 R5 =81 R6 =90 R7 =81
 R8 =57 R9 =5 R10=81 R11=77 R12=68 R13=84 R14=98 R15=74

Photo Parameters:

Flux: 1052.8 lm Fe: 3.1869 W Efficacy:96.95 lm/W

Electrical Parameters:

Luminaire: U=24.00V I=0.4525A P=10.86W PF=1.000

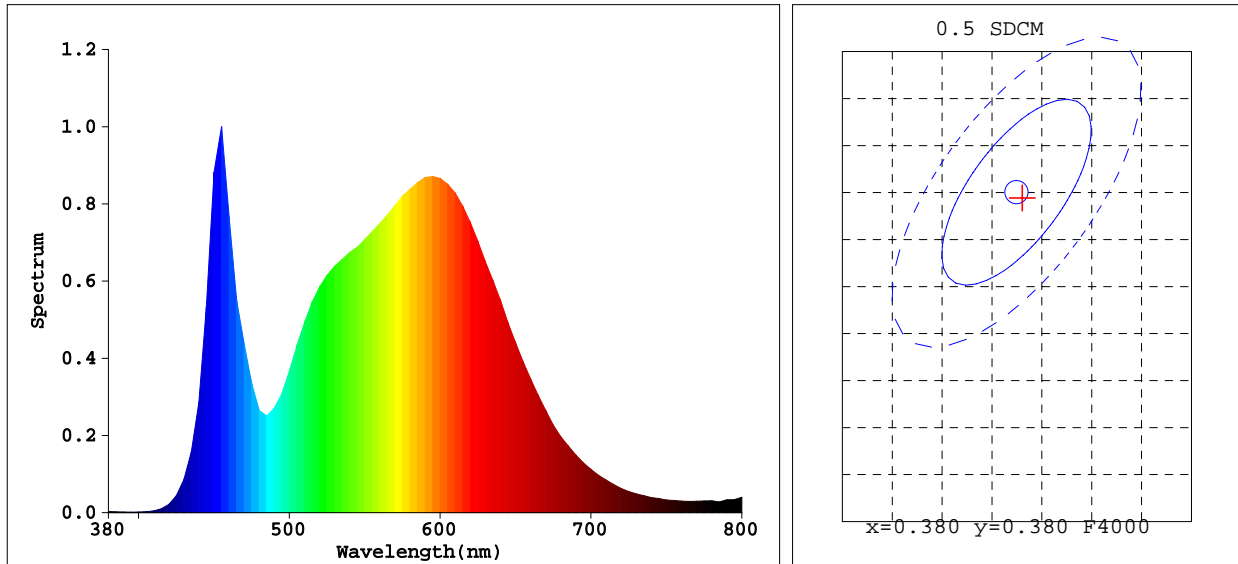
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] $I_p=7628(G=3,D=59)$
 REF=35903(R=3) $\% = 0.294\%$ PMT: 27.9 centigrade [150.0]

1

Product Type:352PCS 24V 3000K COB	Manufacturer:EVERFINE
Number:1	Test Department:EVERFINE
Temperature:25.3 deg	Humidity:65.0%
Test Operator:DAMIN	Test Date:2020-03-17 15:27:03
Software:V3.00.133	Instrument:PMS-80_V1 (SN:G107113CD1321112)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3805$ $y=0.3795$
 Chromaticity Coordinate: $u'=0.2241$ $v'=0.5028$ ($duv=1.29e-03$)
 Tc=4019K Dominant WL:Ld=578.3nm Purity=28.1% Centroid WL:570.0nm
 Ratio:R=19.7% G=77.0% B=3.3% Peak WL:Lp=455.0nm HWL:22.9nm
 Render Index:Ra=82.6
 R1 =81 R2 =89 R3 =95 R4 =80 R5 =80 R6 =85 R7 =86
 R8 =64 R9 =7 R10=74 R11=79 R12=56 R13=83 R14=97 R15=75

Photo Parameters:

Flux: 1183.3 lm Fe: 3.5910 W Efficacy:108.1 lm/W

Electrical Parameters:

Luminaire: U=24.00V I=0.4561A P=10.95W PF=1.000

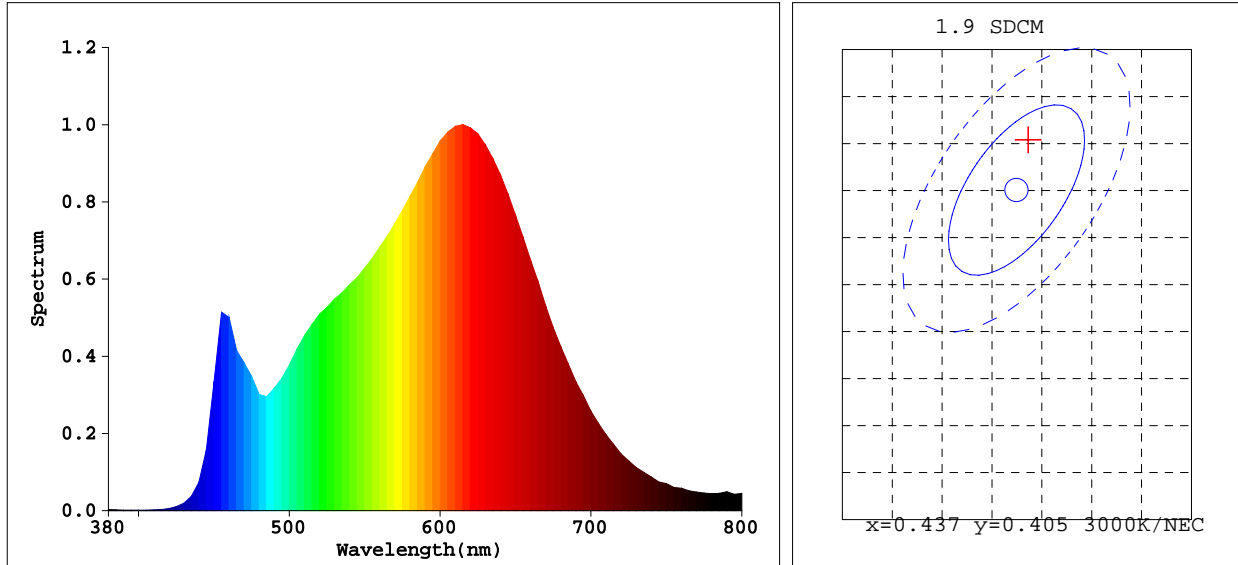
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=12693(G=3,D=55)
 REF=40070(R=3) %=0.256% PMT: 28.0 centigrade [150.0]

1

Product Type:352PCS 24V 4000K COB	Manufacturer:EVERFINE
Number:2	Test Department:EVERFINE
Temperature:25.3 deg	Humidity:65.0%
Test Operator:DAMIN	Test Date:2020-03-17 15:31:01
Software:V3.00.133	Instrument:PMS-80_V1 (SN:G107113CD1321112)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4380$ $y=0.4093$
 Chromaticity Coordinate: $u'=0.2490$ $v'=0.5236$ ($duv=1.94e-03$)
 Tc=3024K Dominant WL:Ld=582.1nm Purity=54.3% Centroid WL:597.0nm
 Ratio:R=25.6% G=71.6% B=2.9% Peak WL:Lp=615.0nm HWL:154.4nm
 Render Index:Ra=90.8
 R1 =91 R2 =98 R3 =97 R4 =89 R5 =91 R6 =97 R7 =88
 R8 =76 R9 =48 R10=93 R11=90 R12=77 R13=93 R14=99 R15=86

Photo Parameters:

Flux: 1043.9 lm Fe: 3.4770 W Efficacy:89.67 lm/W

Electrical Parameters:

Luminaire: U=24.00V I=0.4851A P=11.64W PF=1.000

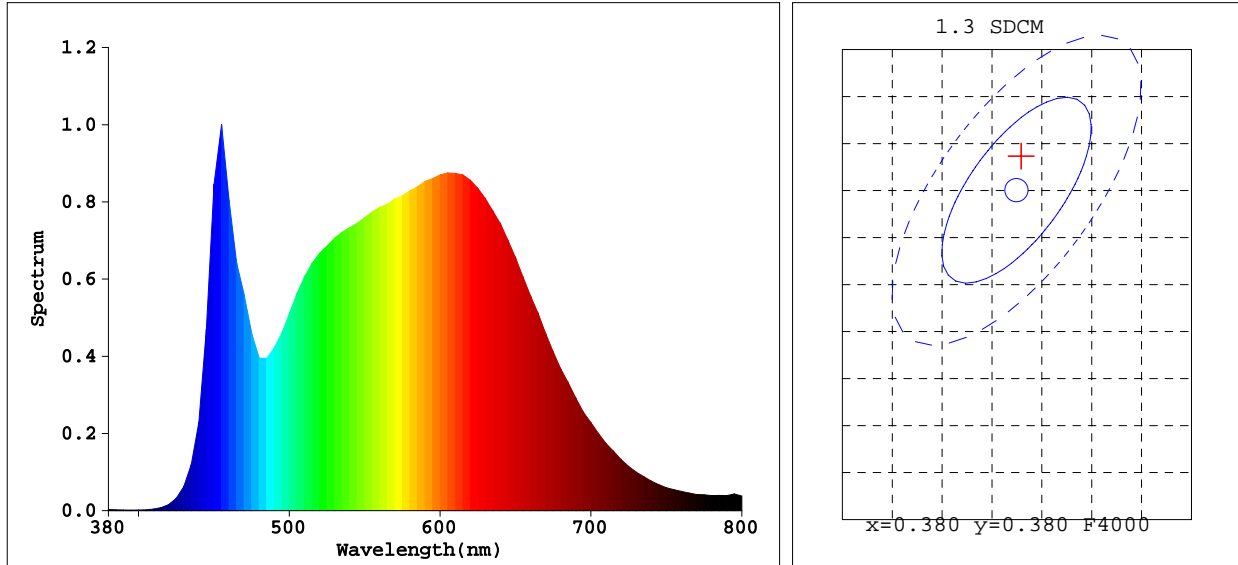
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=6370(G=3,D=55)
 REF=35670(R=3) %=0.180% PMT: 28.0 centigrade [150.0]

1

Product Type:512PCS 24V 3000K COB	Manufacturer:EVERFINE
Number:3	Test Department:EVERFINE
Temperature:25.3 deg	Humidity:65.0%
Test Operator:DAMIN	Test Date:2020-03-17 15:37:05
Software:V3.00.133	Instrument:PMS-80_V1 (SN:G107113CD1321112)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3804$ $y=0.3829$
 Chromaticity Coordinate: $u'=0.2227$ $v'=0.5043$ ($duv=2.89e-03$)
 Tc=4046K Dominant WL:Ld=577.4nm Purity=29.1% Centroid WL:576.0nm
 Ratio:R=20.6% G=75.5% B=3.9% Peak WL:Lp=455.0nm HWL:27.6nm
 Render Index:Ra=91.0
 R1 =91 R2 =96 R3 =98 R4 =89 R5 =89 R6 =93 R7 =92
 R8 =81 R9 =54 R10=88 R11=89 R12=66 R13=92 R14=99 R15=87

Photo Parameters:

Flux: 1096.2 lm Fe: 3.6266 W Efficacy:97.56 lm/W

Electrical Parameters:

Luminaire: U=24.00V I=0.4682A P=11.24W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=11028(G=3,D=56)
 REF=37190(R=3) %=0.167% PMT: 28.1 centigrade [150.0]

1

Product Type:512PCS 24V 4000K COB	Manufacturer:EVERFINE
Number:4	Test Department:EVERFINE
Temperature:25.3 deg	Humidity:65.0%
Test Operator:DAMIN	Test Date:2020-03-17 15:41:21
Software:V3.00.133	Instrument:PMS-80_V1 (SN:G107113CD1321112)