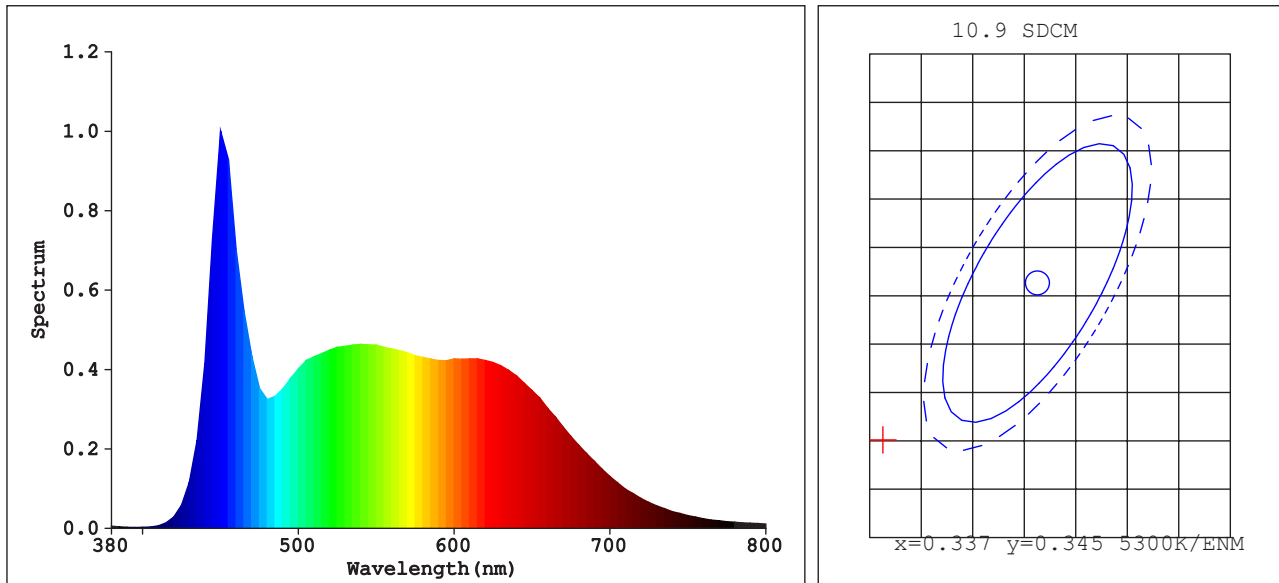


Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3200$ ($dx=-0.0032$) $y=0.3252$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2044$ $v'=0.4674$ ($duv=-2.45e-03$)

Tc=6132K Dominant WL:Ld=483.4nm Purity=5.2% Centroid WL:550.0nm

Ratio:R=17.6% G=76.5% B=5.9% Peak WL:Lp=450.0nm HWL:25.8nm

Render Index:Ra=96.5

R1 =97 R2 =98 R3 =95 R4 =98 R5 =97 R6 =93 R7 =97

R8 =97 R9 =94 R10=95 R11=97 R12=73 R13=98 R14=97 R15=97

Photo Parameters:

Flux: 2970.6 lm Fe: 10.875 W Efficacy:38.57 lm/W Scotopic:6926.9lm S/P:2.3318

Electrical Parameters:

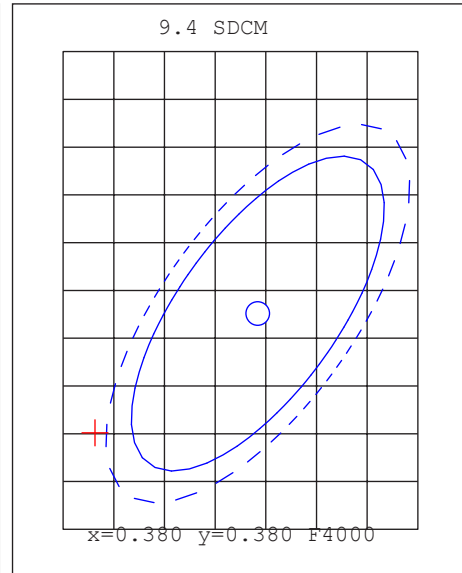
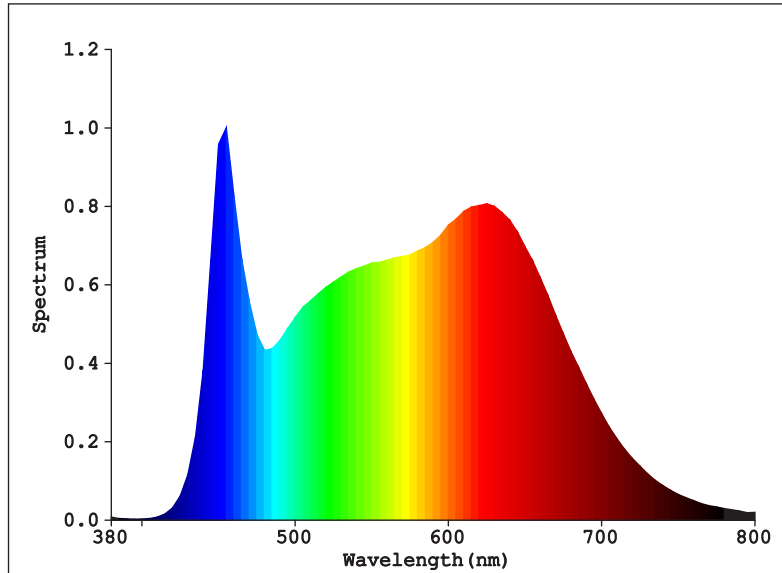
Lamp : U=232.4V I=0.4053A P=77.01W PF=0.8174

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=41613 (R=3) %=-0.070%

Ip=47040 (G=4, D=59)
PMT: 31.0 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3662$ ($dx=-0.0032$) $y=0.3551$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2244$ $v'=0.4895$ ($duv=-6.09e-03$)

Tc=4265K Dominant WL:Ld=583.2nm Purity=16.4% Centroid WL:577.0nm

Ratio:R=21.8% G=73.4% B=4.8% Peak WL:Ip=455.0nm HWL:31.3nm

Render Index:Ra=96.5

R1 =96	R2 =96	R3 =98	R4 =98	R5 =96	R6 =94	R7 =96	
R8 =97	R9 =97	R10=95	R11=97	R12=77	R13=96	R14=99	R15=95

Photo Parameters:

Flux: 5163.3 lm Fe: 18.920 W Efficacy:34.84 lm/W Scotopic:10155lm S/P:1.9668

Electrical Parameters:

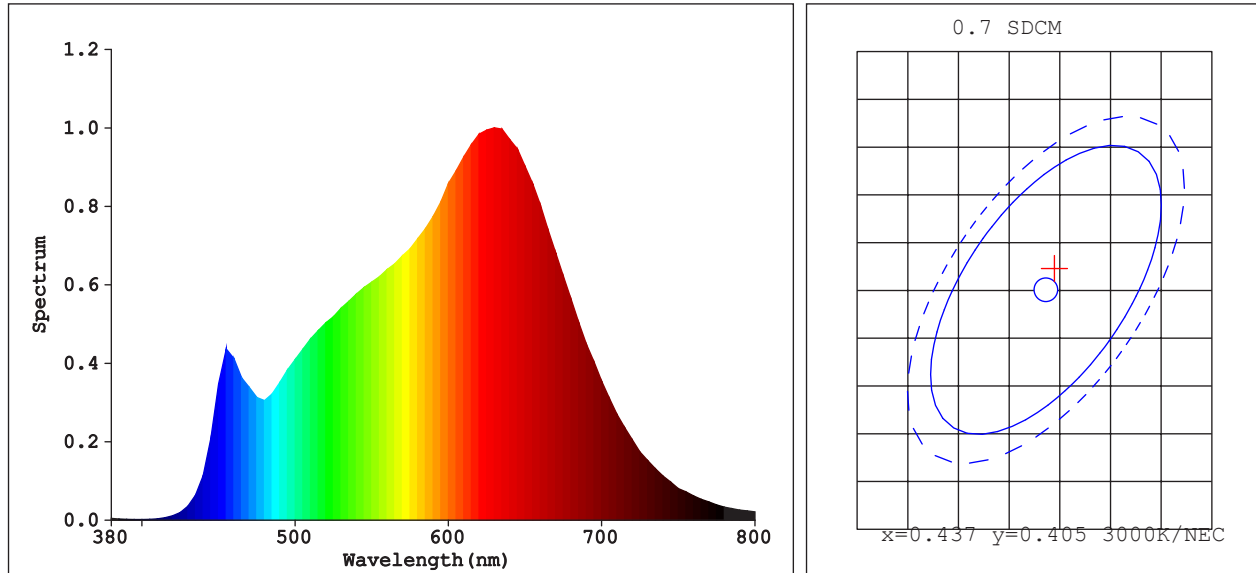
Lamp : U=232.5V I=0.7032A P=148.2W PF=0.9065

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=7381 (R=2) %=-0.165%

Ip=13261 (G=3,D=59)
PMT: 31.1 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.4377$ ($dx=-0.0032$) $y=0.4068$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2499$ $v'=0.5226$ ($duv=9.64e-04$)

Tc=3009K Dominant WL:Ld=582.4nm Purity=53.5% Centroid WL:605.0nm

Ratio:R=26.5% G=70.4% B=3.1% Peak WL:Ip=630.0nm HWL:166.0nm

Render Index:Ra=96.8

R1 =99	R2 =99	R3 =99	R4 =97	R5 =98	R6 =96	R7 =94	
R8 =92	R9 =84	R10=98	R11=98	R12=85	R13=99	R14=99	R15=96

Photo Parameters:

Flux: 2455.7 lm Fe: 8.8832 W Efficacy:31.69 lm/W Scotopic:3665.8lm S/P:1.4928

Electrical Parameters:

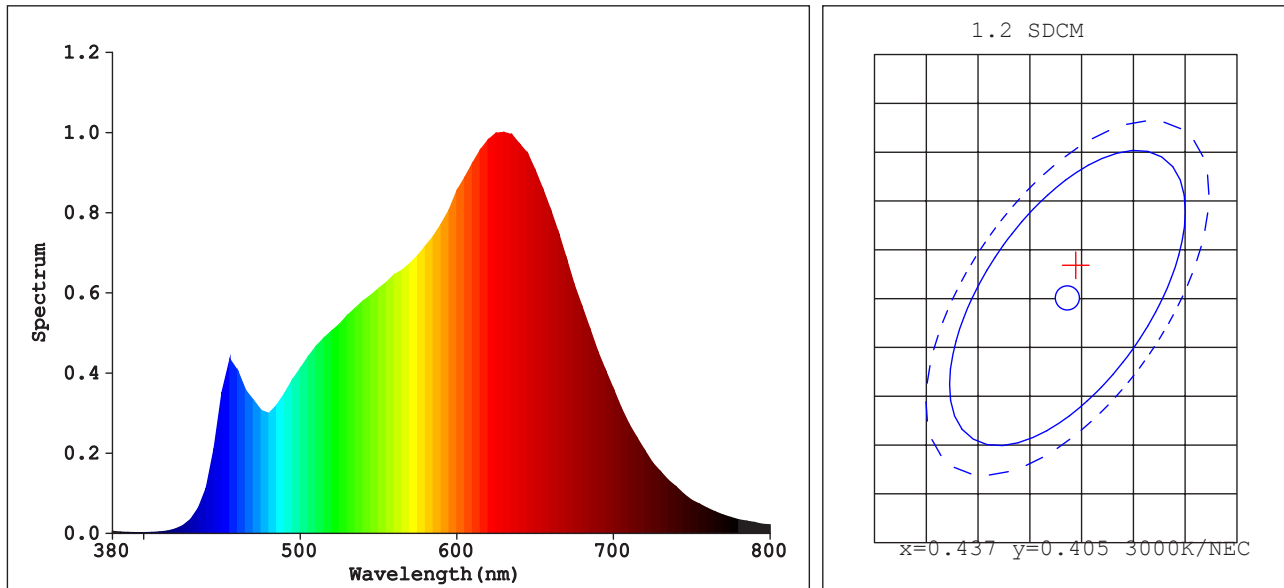
Lamp : U=231.8V I=0.4072A P=77.50W PF=0.8209

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=35038 (R=3) %=-0.083%

Ip=44131 (G=5,D=62)
PMT: 30.5 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.4377$ ($dx=-0.0032$) $y=0.4077$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2495$ $v'=0.5229$ ($duv=1.32e-03$)

Tc=3016K Dominant WL:Ld=582.3nm Purity=53.8% Centroid WL:605.0nm

Ratio:R=26.5% G=70.5% B=3.0% Peak WL:Lp=630.0nm HWL:167.0nm

Render Index:Ra=97.0

R1 =99 R2 =99 R3 =99 R4 =97 R5 =98 R6 =97 R7 =95

R8 =92 R9 =85 R10=99 R11=98 R12=85 R13=99 R14=99 R15=96

Photo Parameters:

Flux: 2610.8 lm Fe: 9.4387 W Efficacy:33.50 lm/W Scotopic:3894.6lm S/P:1.4917

Electrical Parameters:

Lamp : U=230.7V I=0.4096A P=77.92W PF=0.8247

Instrument Status:

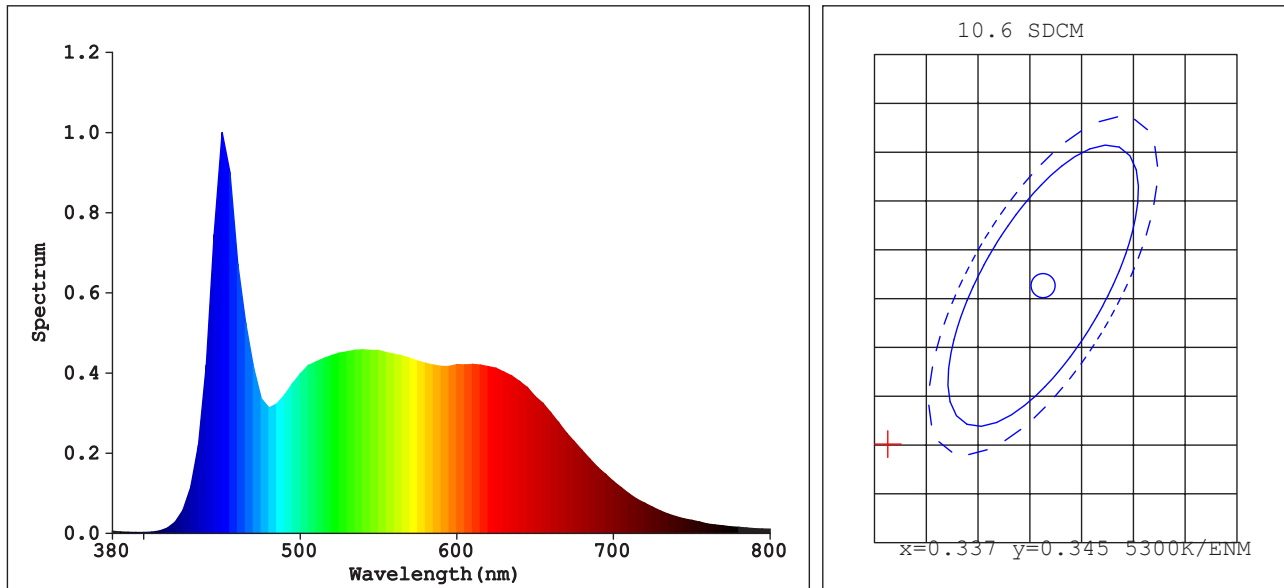
Scan Range:380.0nm-800.0nm Interval:5.0nm[0]

REF=37241 (R=3) %=-0.113%

$I_p=46066$ (G=5, D=62)

PMT: 29.8 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3204$ ($dx=-0.0032$) $y=0.3258$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2044$ $v'=0.4677$ ($duv=-2.33e-03$)

Tc=6112K Dominant WL:Ld=483.8nm Purity=5.0% Centroid WL:550.0nm

Ratio:R=17.6% G=76.6% B=5.9% Peak WL:Lp=450.0nm HWL:24.9nm

Render Index:Ra=96.4

R1 =97 R2 =98 R3 =94 R4 =98 R5 =97 R6 =93 R7 =98

R8 =97 R9 =93 R10=94 R11=96 R12=73 R13=98 R14=97 R15=98

Photo Parameters:

Flux: 3158.5 lm Fe: 11.543 W Efficacy:40.83 lm/W Scotopic:7338.4lm S/P:2.3234

Electrical Parameters:

Lamp : U=231.0V I=0.4071A P=77.35W PF=0.8224

Instrument Status:

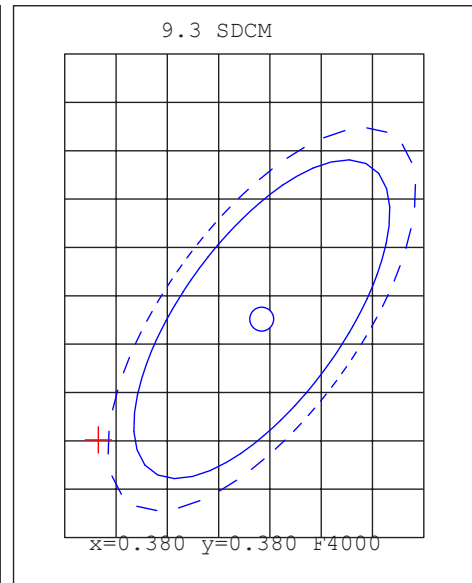
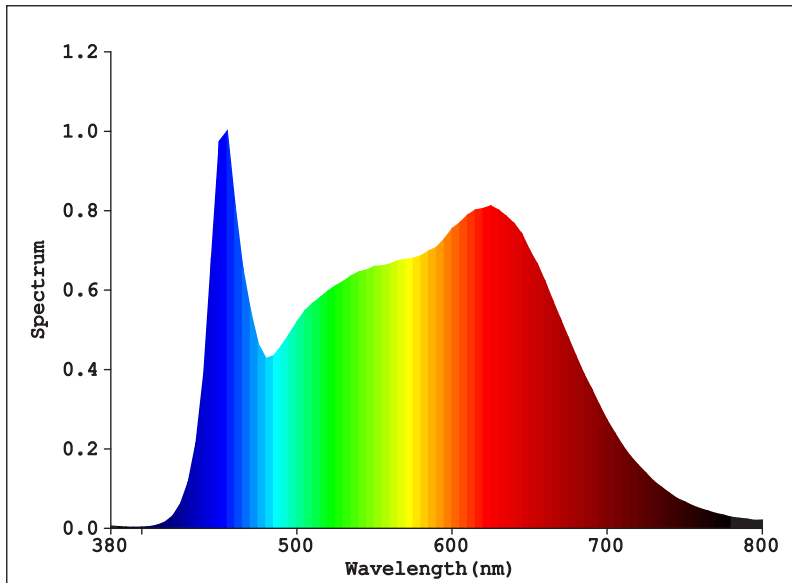
Scan Range:380.0nm-800.0nm Interval:5.0nm[0]

REF=44239 (R=3) %=-0.061%

$I_p=50406$ (G=4, D=59)

PMT: 30.3 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3663$ ($dx=-0.0032$) $y=0.3554$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2243$ $v'=0.4897$ ($duv=-5.94e-03$)

Tc=4265K Dominant WL:Ld=583.0nm Purity=16.6% Centroid WL:577.0nm

Ratio:R=21.8% G=73.5% B=4.8% Peak WL:Lp=455.0nm HWL:31.0nm

Render Index:Ra=96.7

R1 =96	R2 =97	R3 =98	R4 =99	R5 =96	R6 =94	R7 =96	
R8 =97	R9 =97	R10=96	R11=97	R12=78	R13=96	R14=99	R15=96

Photo Parameters:

Flux: 5475.1 lm Fe: 20.045 W Efficacy:36.80 lm/W Scotopic:10748lm S/P:1.9632

Electrical Parameters:

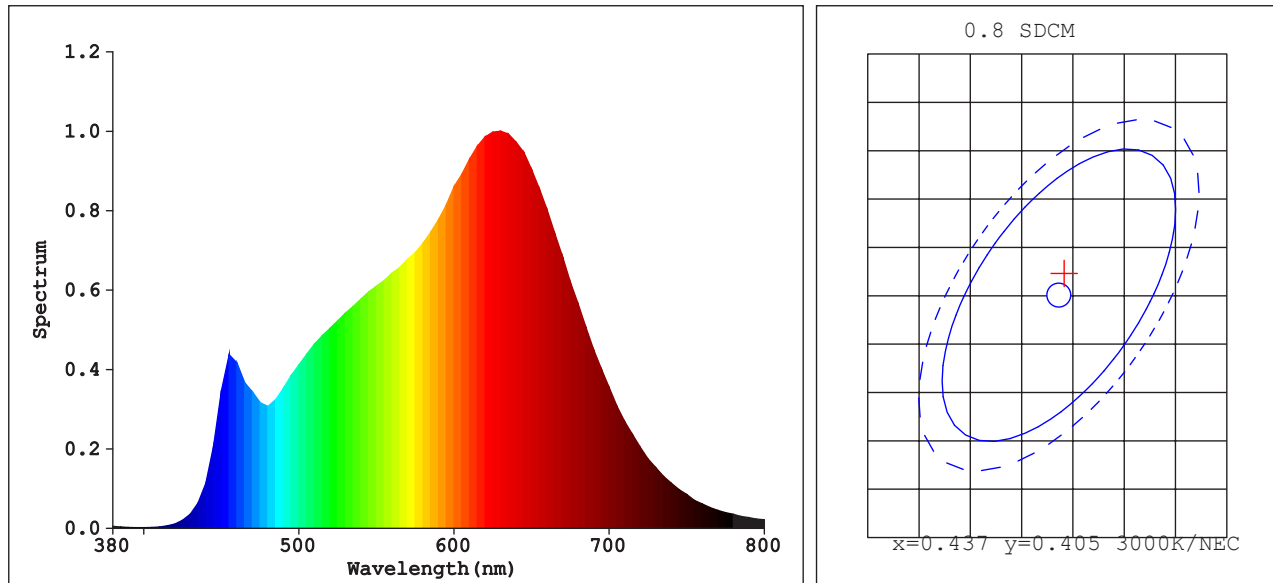
Lamp : U=230.7V I=0.7100A P=148.8W PF=0.9081

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=7820 (R=2) %=-0.142%

Ip=13972 (G=3,D=59)
PMT: 30.4 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.4374$ ($dx=-0.0032$) $y=0.4068$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2497$ $v'=0.5225$ ($duv=1.01e-03$)

Tc=3014K Dominant WL:Ld=582.4nm Purity=53.4% Centroid WL:605.0nm

Ratio:R=26.5% G=70.4% B=3.1% Peak WL:Lp=630.0nm HWL:166.4nm

Render Index:Ra=96.7

R1 =99 R2 =99 R3 =99 R4 =97 R5 =98 R6 =96 R7 =94

R8 =92 R9 =84 R10=98 R11=98 R12=84 R13=99 R14=99 R15=96

Photo Parameters:

Flux: 2354.2 lm Fe: 8.5084 W Efficacy:30.46 lm/W Scotopic:3518.6lm S/P:1.4947

Electrical Parameters:

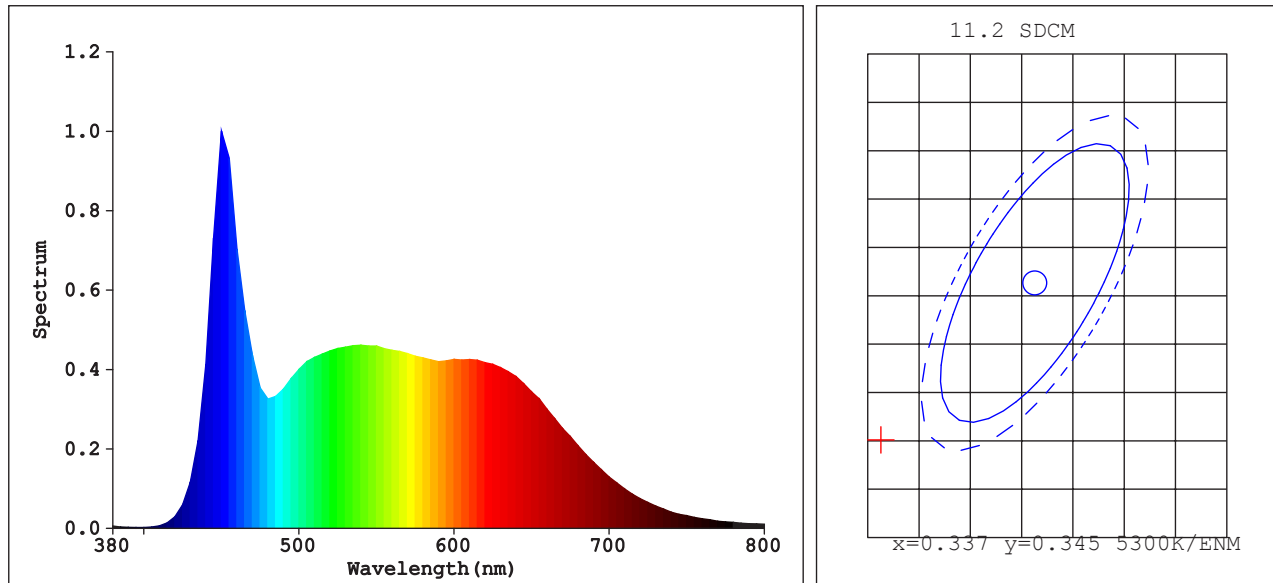
Lamp : U=234.7V I=0.4050A P=77.29W PF=0.8133

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=33593 (R=3) %=-0.090%

Ip=42546 (G=5, D=62)
PMT: 31.3 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ ($dx=-0.0032$) $y=0.3246$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2043$ $v'=0.4670$ ($duv=-2.50e-03$)

Tc=6166K Dominant WL:Ld=483.1nm Purity=5.4% Centroid WL:550.0nm

Ratio:R=17.5% G=76.5% B=6.0% Peak WL:Lp=450.0nm HWL:25.8nm

Render Index:Ra=96.4

R1 =97 R2 =98 R3 =95 R4 =98 R5 =96 R6 =93 R7 =97

R8 =97 R9 =93 R10=95 R11=97 R12=73 R13=98 R14=97 R15=97

Photo Parameters:

Flux: 2837.0 lm Fe: 10.391 W Efficacy:37.04 lm/W Scotopic:6632.7lm S/P:2.3379

Electrical Parameters:

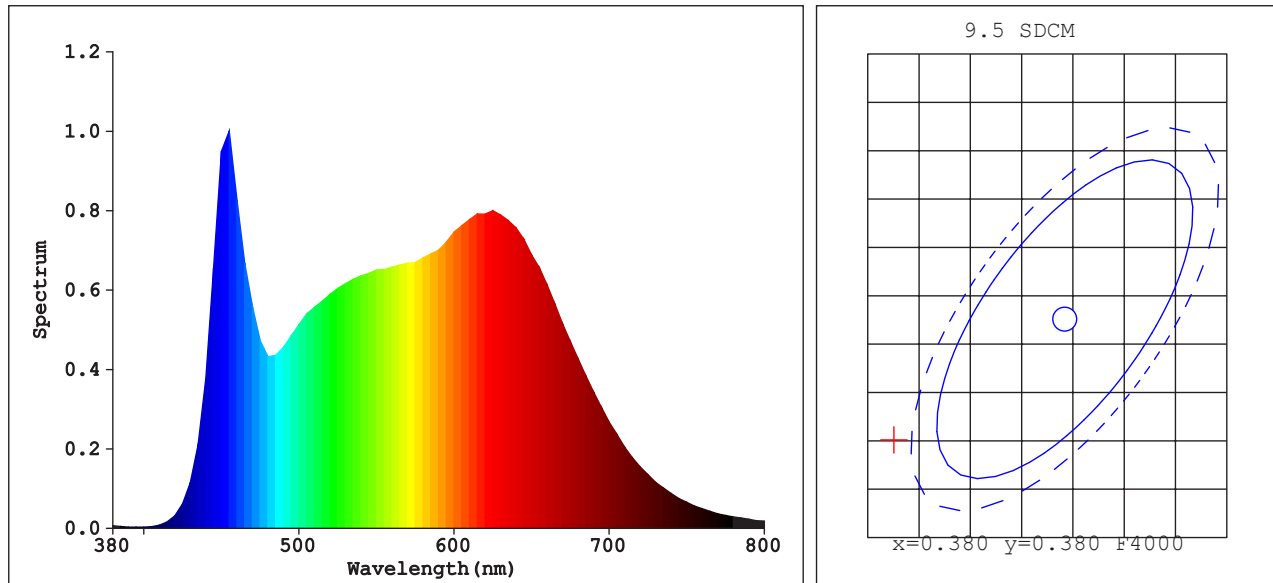
Lamp : U=234.1V I=0.4025A P=76.60W PF=0.8131

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=39742 (R=3) %=-0.068%

Ip=45204 (G=4, D=60)
PMT: 31.6 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3657$ ($dx=-0.0032$) $y=0.3548$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2242$ $v'=0.4893$ ($duv=-6.07e-03$)

Tc=4279K Dominant WL:Ld=583.2nm Purity=16.2% Centroid WL:577.0nm

Ratio:R=21.8% G=73.4% B=4.8% Peak WL:Lp=455.0nm HWL:31.2nm

Render Index:Ra=96.4

R1 =96 R2 =96 R3 =98 R4 =98 R5 =96 R6 =94 R7 =96

R8 =97 R9 =97 R10=95 R11=97 R12=77 R13=96 R14=99 R15=95

Photo Parameters:

Flux: 4933.6 lm Fe: 18.077 W Efficacy:33.42 lm/W Scotopic:9726.8lm S/P:1.9715

Electrical Parameters:

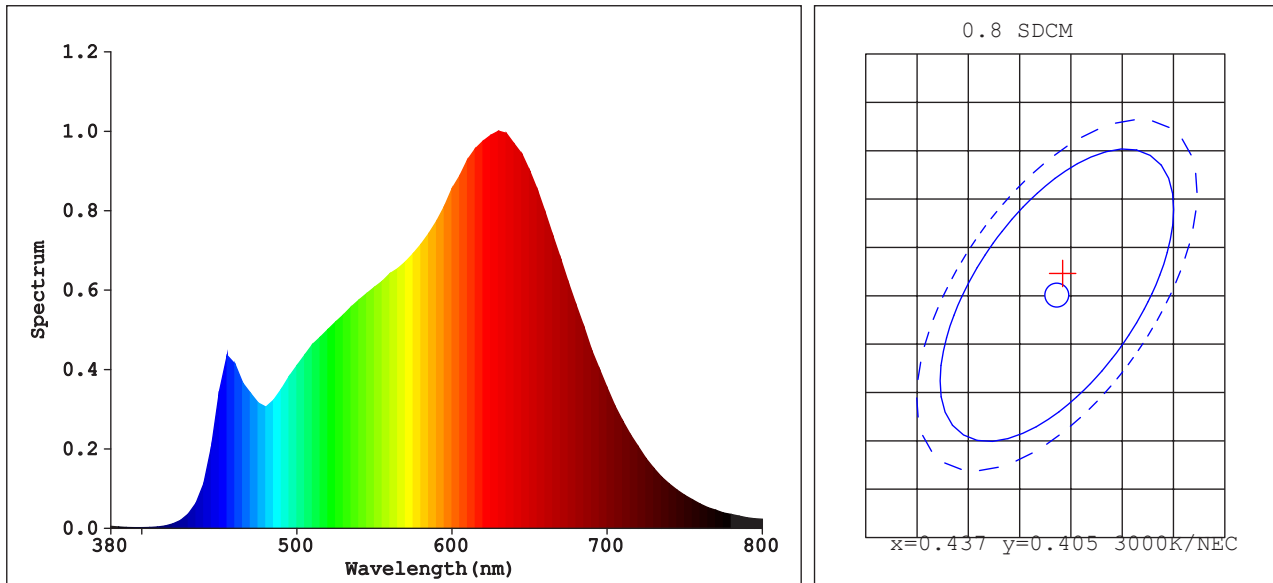
Lamp : U=234.2V I=0.6971A P=147.6W PF=0.9043

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=7057 (R=2) %=-0.158%

Ip=56934 (G=4, D=60)
PMT: 31.8 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.4375$ ($dx=-0.0032$) $y=0.4068$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2498$ $v'=0.5225$ ($duv=1.00e-03$)

Tc=3013K Dominant WL:Ld=582.4nm Purity=53.4% Centroid WL:605.0nm

Ratio:R=26.5% G=70.4% B=3.1% Peak WL:Lp=630.0nm HWL:165.7nm

Render Index:Ra=96.7

R1 =99 R2 =99 R3 =99 R4 =97 R5 =98 R6 =96 R7 =94

R8 =92 R9 =84 R10=98 R11=98 R12=84 R13=99 R14=99 R15=96

Photo Parameters:

Flux: 2447.3 lm Fe: 8.8483 W Efficacy:31.59 lm/W Scotopic:3656.6lm S/P:1.4942

Electrical Parameters:

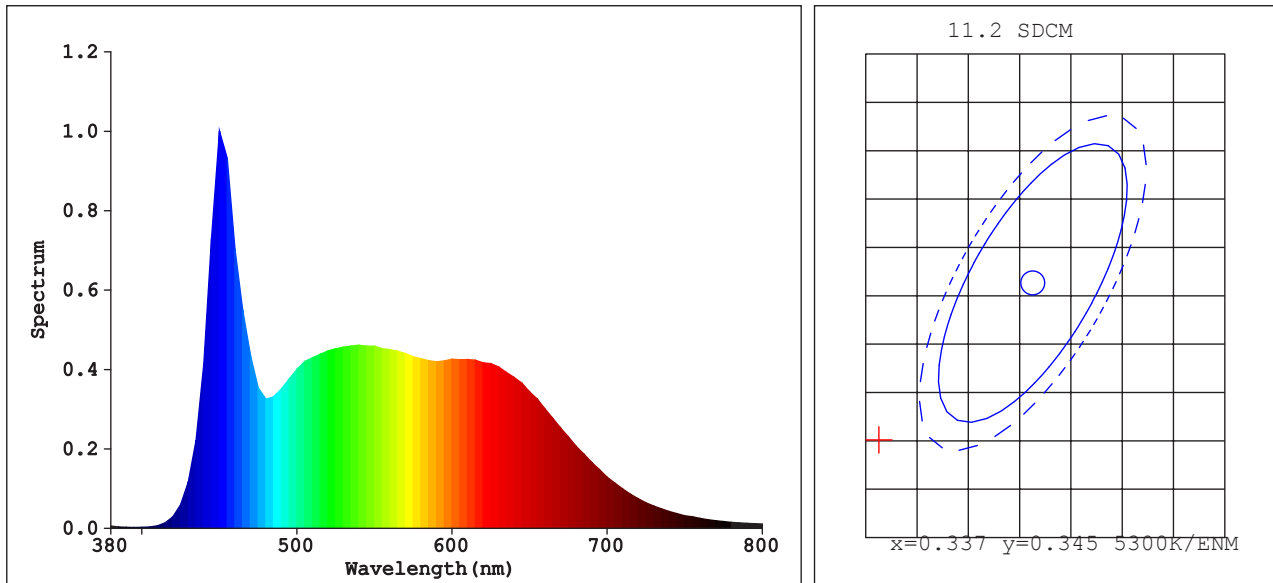
Lamp : U=233.2V I=0.4065A P=77.47W PF=0.8172

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=34918 (R=3) %=-0.080%

Ip=44271 (G=5,D=62)
PMT: 30.9 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ ($dx=-0.0032$) $y=0.3244$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2043$ $v'=0.4669$ ($duv=-2.57e-03$)

Tc=6168K Dominant WL:Ld=483.0nm Purity=5.4% Centroid WL:550.0nm

Ratio:R=17.6% G=76.5% B=6.0% Peak WL:Lp=450.0nm HWL:25.8nm

Render Index:Ra=96.5

R1 =97 R2 =98 R3 =95 R4 =98 R5 =96 R6 =93 R7 =97

R8 =97 R9 =94 R10=95 R11=97 R12=73 R13=98 R14=97 R15=97

Photo Parameters:

Flux: 2960.1 lm Fe: 10.850 W Efficacy:38.50 lm/W Scotopic:6921.7lm S/P:2.3384

Electrical Parameters:

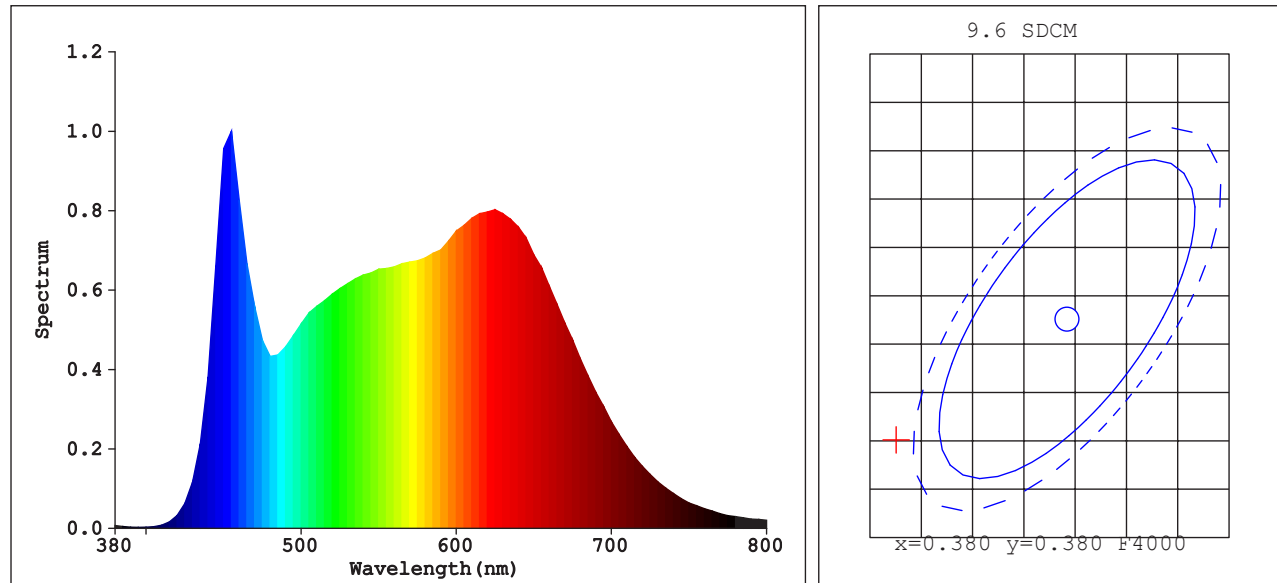
Lamp : U=233.1V I=0.4046A P=76.88W PF=0.8153

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=41462 (R=3) %=-0.044%

Ip=47274 (G=4,D=59)
PMT: 31.3 centigrade [150.0]

Light Source Diagram



Color Parameters:

Chromaticity Coordinate: $x=0.3657$ ($dx=-0.0032$) $y=0.3547$ ($dy=-0.0145$)

Chromaticity Coordinate: $u'=0.2242$ $v'=0.4892$ ($duv=-6.12e-03$)

Tc=4279K Dominant WL: $\lambda_d=583.3\text{nm}$ Purity=16.1% Centroid WL: 577.0nm

Ratio: R=21.8% G=73.4% B=4.8% Peak WL: $\lambda_p=455.0\text{nm}$ HWL: 31.3nm

Render Index: Ra=96.5

R1 =96 R2 =96 R3 =98 R4 =98 R5 =96 R6 =94 R7 =96

R8 =97 R9 =97 R10=95 R11=97 R12=77 R13=96 R14=99 R15=95

Photo Parameters:

Flux: 5149.4 lm Fe: 18.870 W Efficacy: 34.82 lm/W Scotopic: 10149lm S/P: 1.9709

Electrical Parameters:

Lamp : U=232.7V I=0.7015A P=147.9W PF=0.9058

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=7361 (R=2) %=-0.165%

$I_p=13260$ (G=3, D=59)
PMT: 31.4 centigrade [150.0]