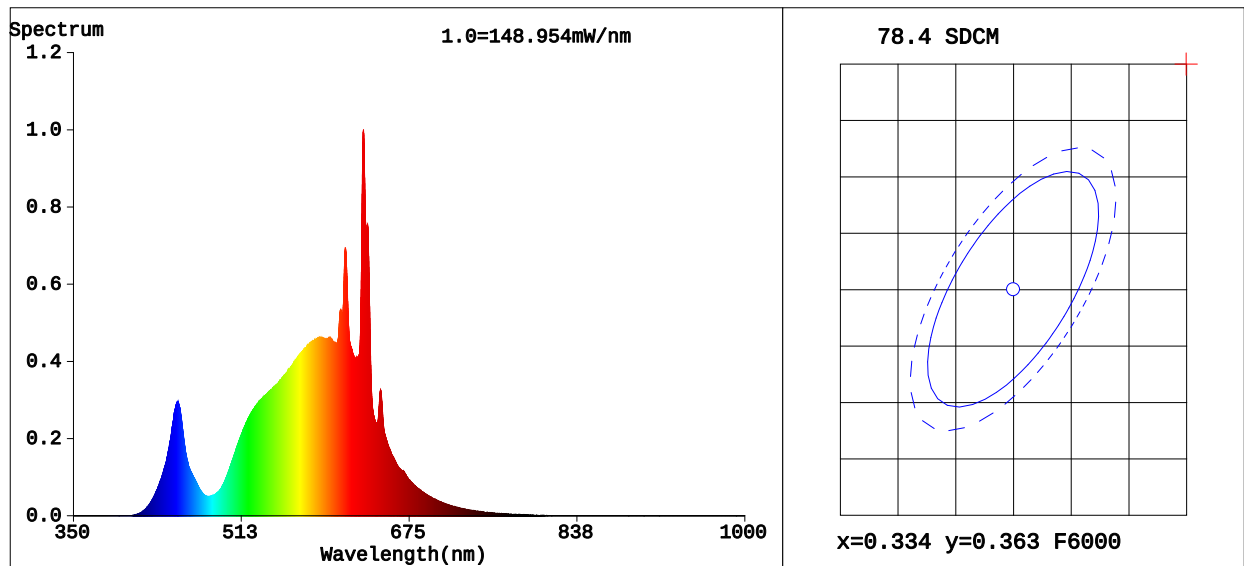


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4410$ $y=0.4103$ $u'=0.2505$ $v'=0.5244$

CCT=2983K(Duv=0.0019) Dominant WL:Ld =582.3nm WL:Lc = --nm Purity=55.5%

Ratio:R=23.100% G=75.222% B=1.678% Peak WL:Lp=630.8nm FWHM=9.0nm

Render Index:Ra=81.8 AvgR=75.2

R1 =81	R2 =86	R3 =90	R4 =82	R5 =79	R6 =82	R7 =87	
R8 =67	R9 =19	R10=66	R11=80	R12=57	R13=82	R14=93	R15=76

Photo Parameters:

Flux = 3877 lm Eff. : 98.04 lm/W Fe = 10.97 W

Electrical parameters:

V = 230.00 V I = 0.1801 A P = 39.54 W PF = 0.9540

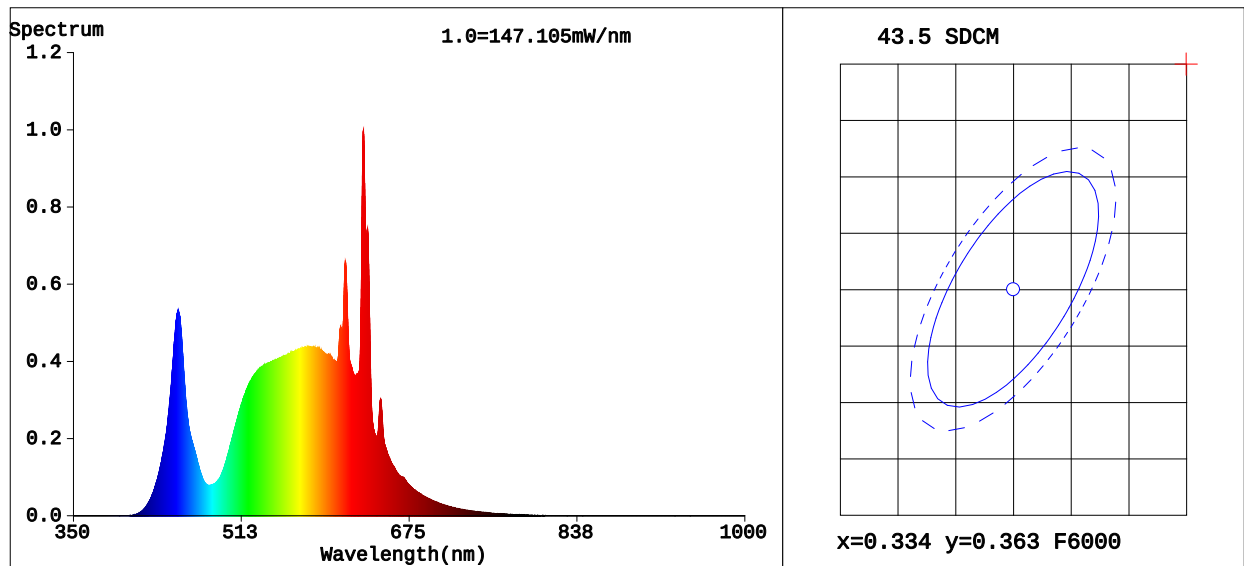
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 9 ms Ip = 33187 (51%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-40W-3000K
Date:2025-10-07 13:41:43
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3931$ $y=0.3886$ $u'=0.2286$ $v'=0.5086$

CCT=3765K(Duv=0.0020) Dominant WL:Ld =579.0nm WL:Lc = --nm Purity=34.6%

Ratio:R=19.773% G=77.691% B=2.536% Peak WL:Lp=630.8nm FWHM=8.6nm

Render Index:Ra=84.7 AvgR=78.7

R1 =85	R2 =87	R3 =86	R4 =86	R5 =83	R6 =81	R7 =90	
R8 =78	R9 =38	R10=66	R11=85	R12=55	R13=85	R14=91	R15=82

Photo Parameters:

Flux = 4105 lm Eff. : 106.39 lm/W Fe = 11.87 W

Electrical parameters:

V = 230.04 V I = 0.1761 A P = 38.58 W PF = 0.9514

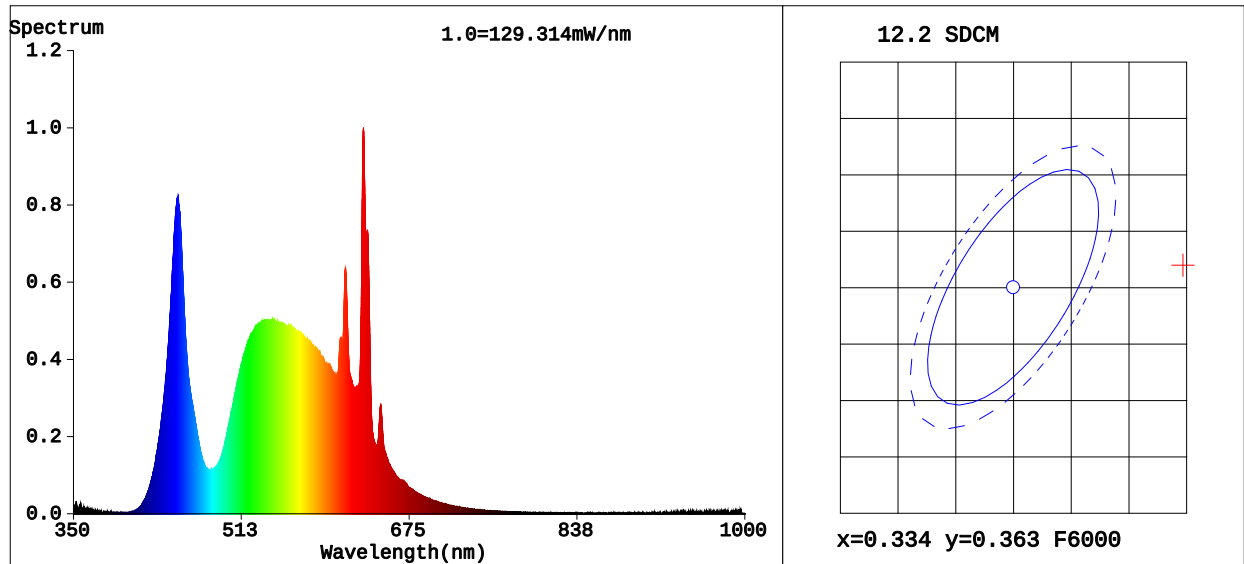
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 32771 (50%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-40W-4000K
Date:2025-10-07 13:43:07
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3487$ $y=0.3650$ $u'=0.2088$ $v'=0.4916$
CCT=4915K(Duv=0.0052) Dominant WL:Ld =569.7nm WL:Lc = --nm Purity=14.2%
Ratio:R=16.445% G=80.199% B=3.355% Peak WL:Lp=630.8nm FWHM=8.4nm
Render Index:Ra=83.6 AvgR=77.4

R1 =84	R2 =84	R3 =82	R4 =85	R5 =83	R6 =78	R7 =90	
R8 =83	R9 =44	R10=60	R11=83	R12=49	R13=83	R14=89	R15=83

Photo Parameters:

Flux = 4040 lm Eff. : 101.92 lm/W Fe = 12.15 W

Electrical parameters:

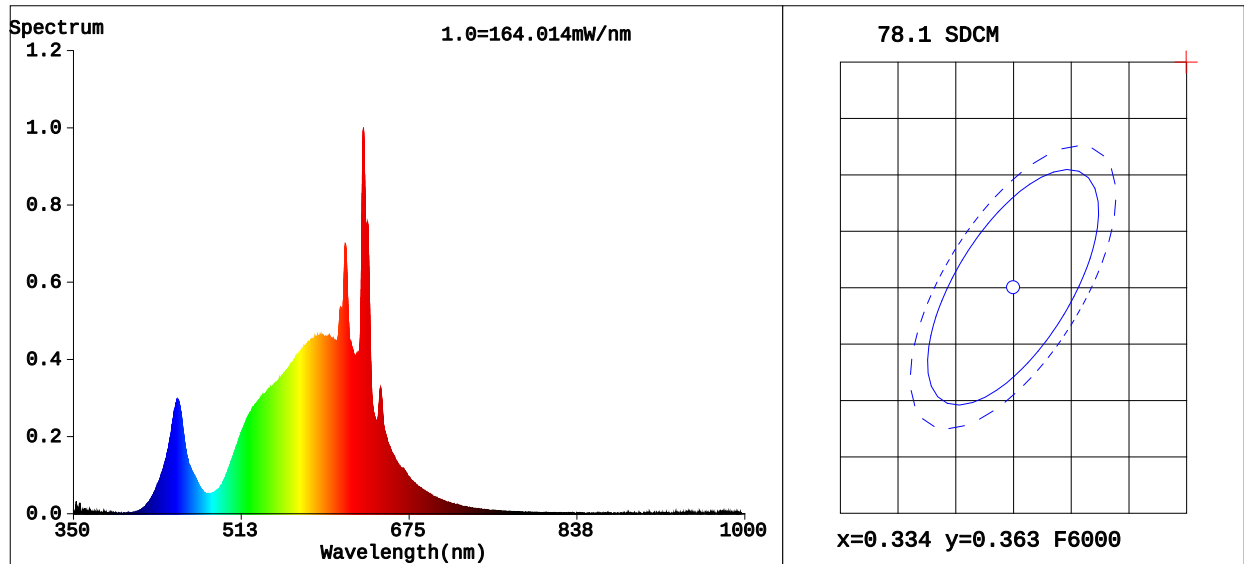
V = 230.07 V I = 0.1804 A P = 39.64 W PF = 0.9539
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 16 ms Ip = 51225 (78%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-40W-5000K
Date:2025-10-07 13:43:26
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4402$ $y=0.4091$ $u'=0.2505$ $v'=0.5238$
CCT=2987K(Duv=0.0016) Dominant WL:Ld =582.3nm WL:Lc = --nm Purity=54.9%
Ratio:R=23.116% G=75.176% B=1.708% Peak WL:Lp=630.8nm FWHM=9.0nm
Render Index:Ra=81.9 AvgR=75.4

R1 =81	R2 =86	R3 =90	R4 =82	R5 =79	R6 =82	R7 =87	
R8 =67	R9 =20	R10=67	R11=80	R12=58	R13=82	R14=93	R15=76

Photo Parameters:

Flux = 4275 lm Eff. : 96.77 lm/W Fe = 12.24 W

Electrical parameters:

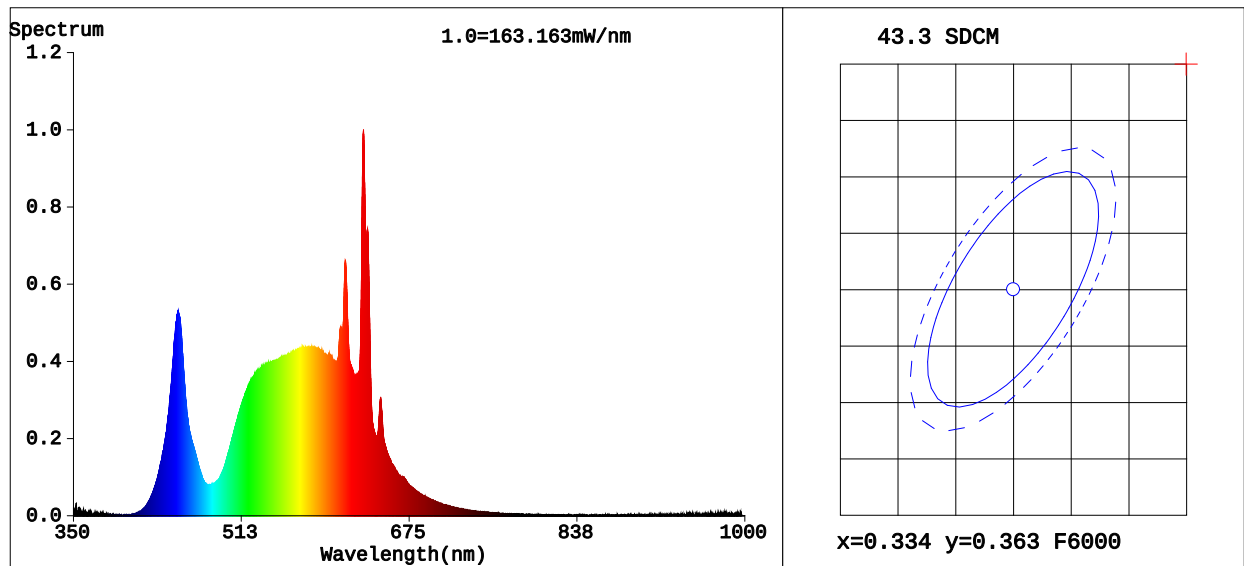
V = 229.94 V I = 0.1997 A P = 44.18 W PF = 0.9607
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 12 ms Ip = 48728 (74%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-45W-3000K
Date:2025-10-07 13:50:45
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3926$ $y=0.3876$ $u'=0.2287$ $v'=0.5081$

CCT=3769K(Duv=0.0016) Dominant WL:Ld =579.2nm WL:Lc = --nm Purity=34.2%

Ratio:R=19.801% G=77.643% B=2.556% Peak WL:Lp=630.8nm FWHM=8.6nm

Render Index:Ra=84.8 AvgR=78.9

R1 =86	R2 =87	R3 =86	R4 =86	R5 =84	R6 =82	R7 =90	
R8 =78	R9 =39	R10=67	R11=85	R12=55	R13=85	R14=91	R15=83

Photo Parameters:

Flux = 4550 lm Eff. : 106.00 lm/W Fe = 13.32 W

Electrical parameters:

V = 229.95 V I = 0.1945 A P = 42.92 W PF = 0.9586

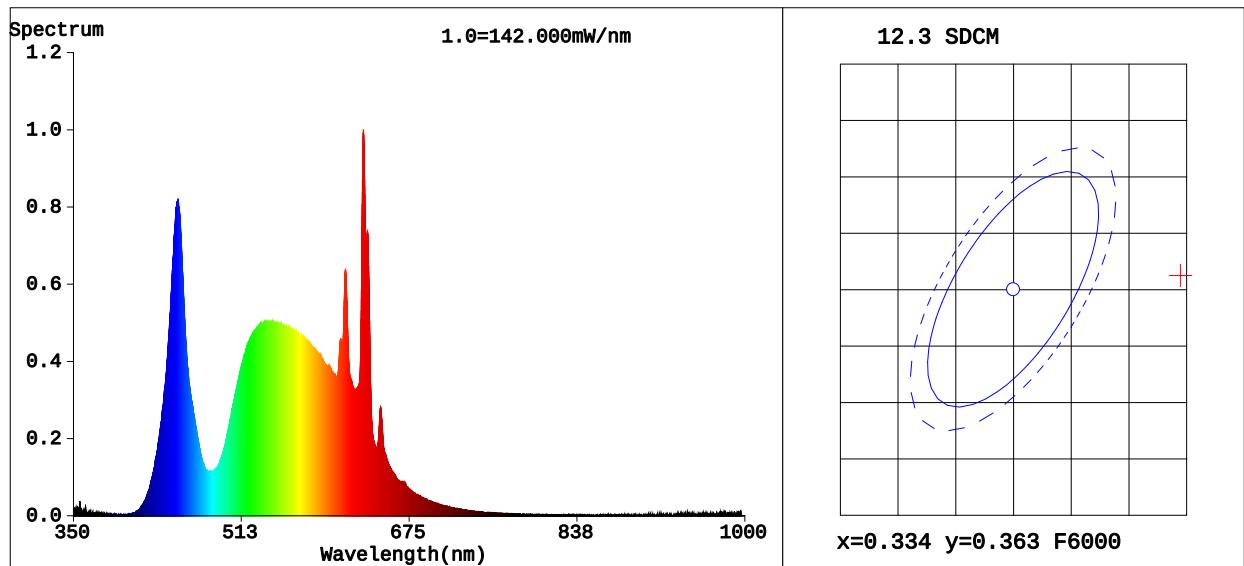
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 12 ms Ip = 48483 (74%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-45W-4000K
Date:2025-10-07 13:51:31
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3485$ $y=0.3642$ $u'=0.2089$ $v'=0.4912$
CCT=4920K(Duv=0.0049) Dominant WL:Ld =569.8nm WL:Lc = --nm Purity=13.9%
Ratio:R=16.460% G=80.177% B=3.363% Peak WL:Lp=630.8nm FWHM=8.4nm
Render Index:Ra=83.6 AvgR=77.5

R1 =85	R2 =84	R3 =82	R4 =85	R5 =83	R6 =78	R7 =90	
R8 =83	R9 =45	R10=60	R11=83	R12=49	R13=83	R14=89	R15=83

Photo Parameters:

Flux = 4448 lm Eff. : 100.56 lm/W Fe = 13.39 W

Electrical parameters:

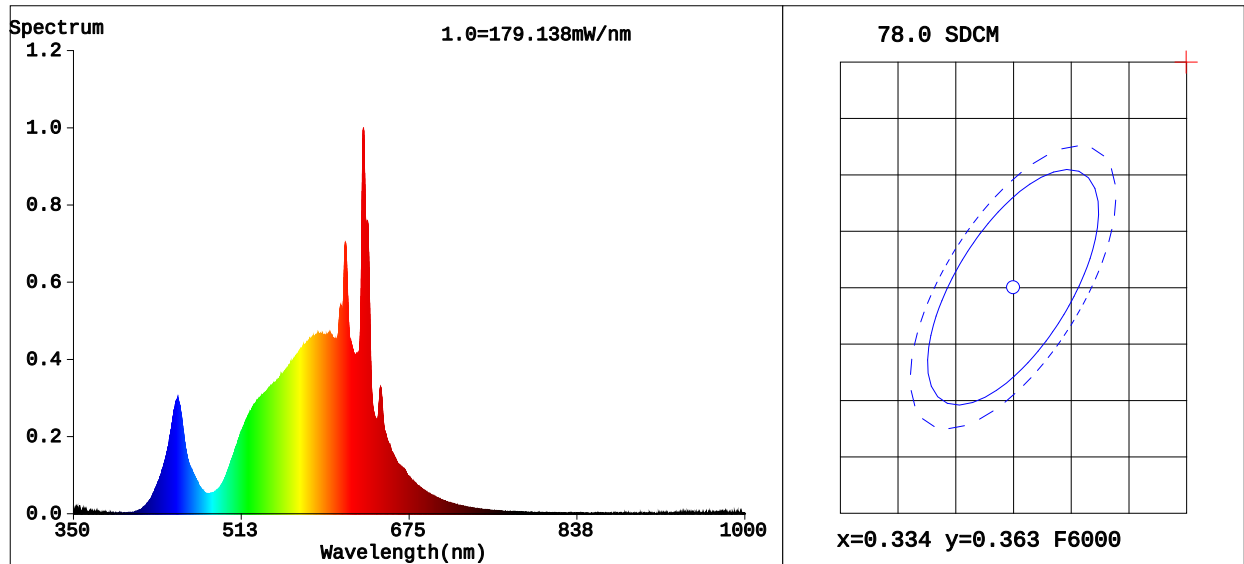
V = 229.89 V I = 0.2000 A P = 44.23 W PF = 0.9607
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 12 ms Ip = 42193 (64%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-45W-5000K
Date:2025-10-07 13:51:47
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4399$ $y=0.4086$ $u'=0.2505$ $v'=0.5236$

CCT=2987K(Duv=0.0014) Dominant WL:Ld =582.4nm WL:Lc = --nm Purity=54.7%

Ratio:R=23.106% G=75.191% B=1.703% Peak WL:Lp=630.8nm FWHM=9.0nm

Render Index:Ra=81.8 AvgR=75.3

R1 =81	R2 =86	R3 =90	R4 =82	R5 =79	R6 =82	R7 =87	
R8 =67	R9 =19	R10=67	R11=80	R12=58	R13=82	R14=93	R15=76

Photo Parameters:

Flux = 4712 lm Eff. : 95.31 lm/W Fe = 13.50 W

Electrical parameters:

V = 229.93 V I = 0.2222 A P = 49.44 W PF = 0.9665

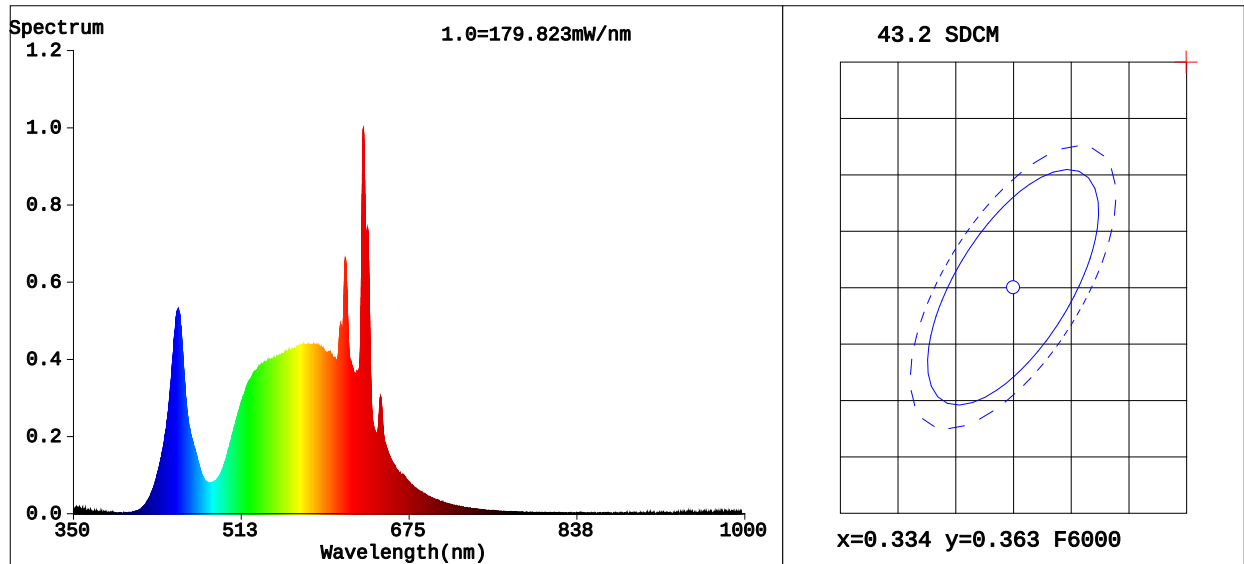
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 12 ms Ip = 53216 (81%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-50W-3000K
Date:2025-10-07 13:53:20
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3924$ $y=0.3874$ $u'=0.2287$ $v'=0.5079$

CCT=3772K(Duv=0.0016) Dominant WL:Ld =579.2nm WL:Lc = --nm Purity=34.0%

Ratio:R=19.767% G=77.684% B=2.549% Peak WL:Lp=630.8nm FWHM=8.6nm

Render Index:Ra=84.7 AvgR=78.8

R1 =86	R2 =87	R3 =86	R4 =86	R5 =84	R6 =81	R7 =90	
R8 =78	R9 =39	R10=66	R11=85	R12=55	R13=85	R14=91	R15=82

Photo Parameters:

Flux = 5029 lm Eff. : 104.96 lm/W Fe = 14.71 W

Electrical parameters:

V = 229.99 V I = 0.2156 A P = 47.92 W PF = 0.9649

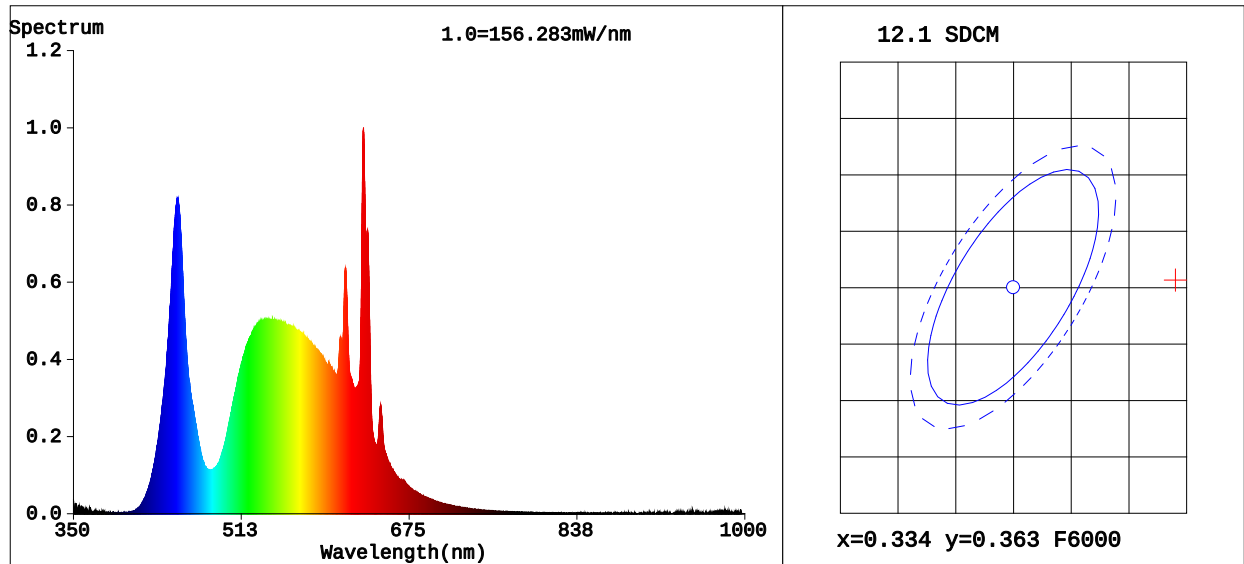
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 12 ms Ip = 53411 (81%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-50W-4000K
Date:2025-10-07 13:53:36
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3481$ $y=0.3636$ $u'=0.2088$ $v'=0.4909$

CCT=4932K(Duv=0.0048) Dominant WL:Ld =569.7nm WL:Lc = --nm Purity=13.6%

Ratio:R=16.434% G=80.207% B=3.359% Peak WL:Lp=630.8nm FWHM=8.4nm

Render Index:Ra=83.5 AvgR=77.4

R1 =84	R2 =84	R3 =81	R4 =85	R5 =83	R6 =78	R7 =90	
R8 =83	R9 =44	R10=60	R11=83	R12=50	R13=83	R14=89	R15=83

Photo Parameters:

Flux = 4897 lm Eff. : 98.98 lm/W Fe = 14.74 W

Electrical parameters:

V = 229.95 V I = 0.2223 A P = 49.47 W PF = 0.9664

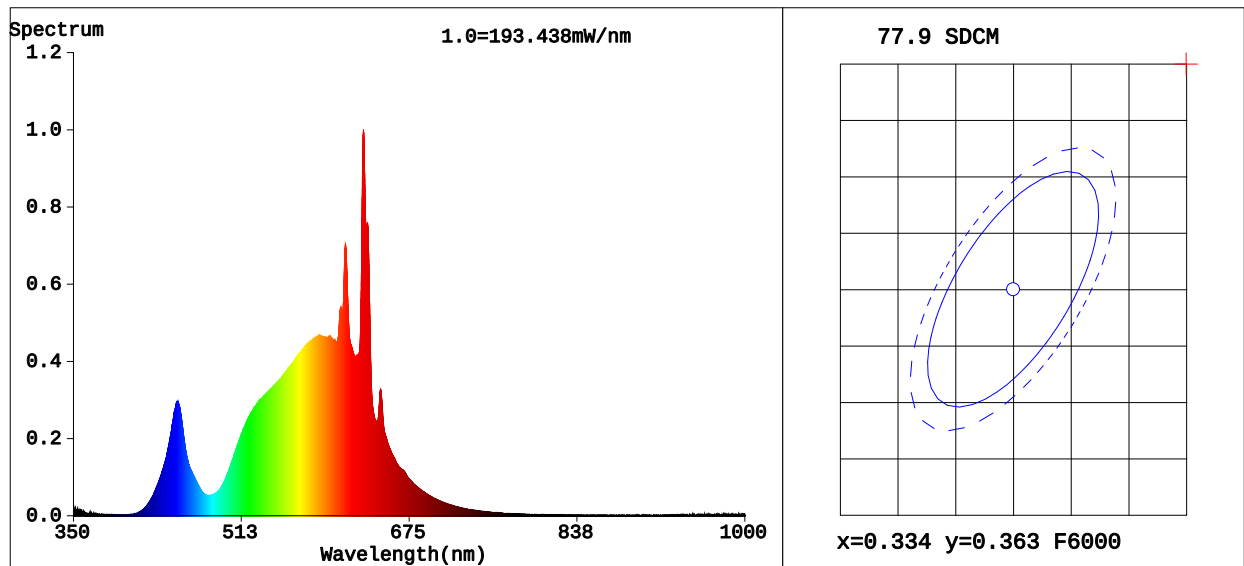
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 12 ms Ip = 46432 (71%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-50W-5000K
Date:2025-10-07 13:53:51
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4396$ $y=0.4080$ $u'=0.2506$ $v'=0.5233$

CCT=2987K(Duv=0.0012) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=54.4%

Ratio:R=23.125% G=75.160% B=1.715% Peak WL:Lp=630.8nm FWHM=9.0nm

Render Index:Ra=81.9 AvgR=75.4

R1 =81	R2 =87	R3 =90	R4 =82	R5 =79	R6 =82	R7 =87	
R8 =67	R9 =20	R10=67	R11=80	R12=58	R13=82	R14=93	R15=76

Photo Parameters:

Flux = 5080 lm Eff. : 93.76 lm/W Fe = 14.59 W

Electrical parameters:

V = 229.91 V I = 0.2426 A P = 54.19 W PF = 0.9705

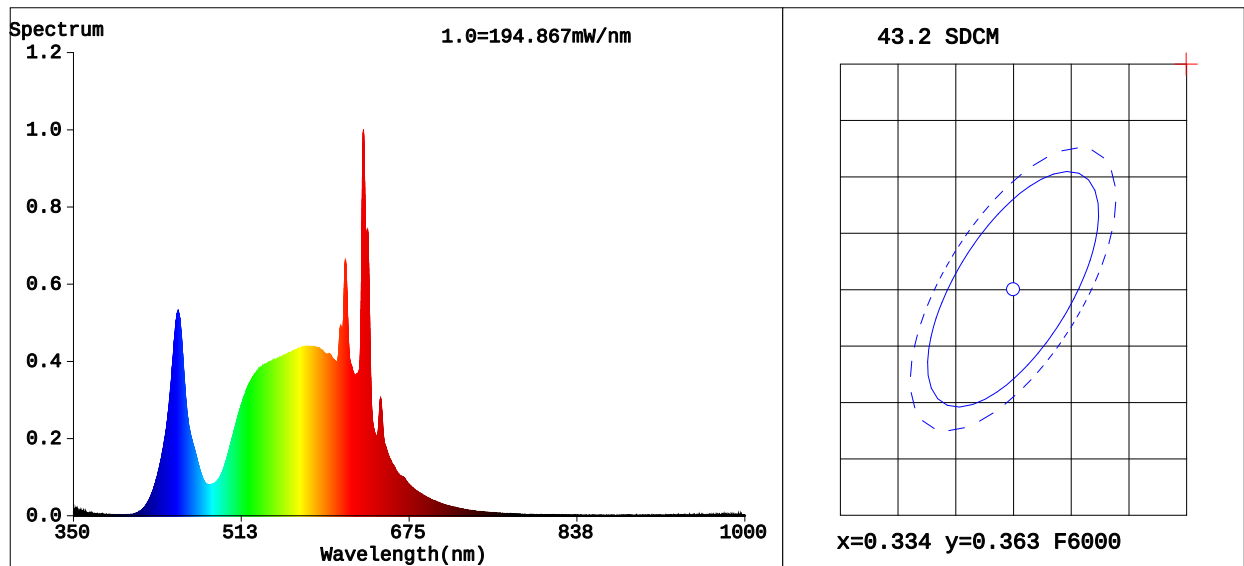
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 9 ms Ip = 43115 (66%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-55W-3000K
Date:2025-10-07 13:56:40
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3922$ $y=0.3869$ $u'=0.2288$ $v'=0.5077$

CCT=3772K(Duv=0.0014) Dominant WL:Ld =579.3nm WL:Lc = --nm Purity=33.8%

Ratio:R=19.798% G=77.644% B=2.558% Peak WL:Lp=630.8nm FWHM=8.6nm

Render Index:Ra=84.8 AvgR=78.9

R1 =86	R2 =87	R3 =86	R4 =86	R5 =84	R6 =81	R7 =90	
R8 =78	R9 =39	R10=67	R11=85	R12=56	R13=85	R14=91	R15=83

Photo Parameters:

Flux = 5454 lm Eff. : 104.12 lm/W Fe = 15.96 W

Electrical parameters:

V = 229.93 V I = 0.2347 A P = 52.38 W PF = 0.9692

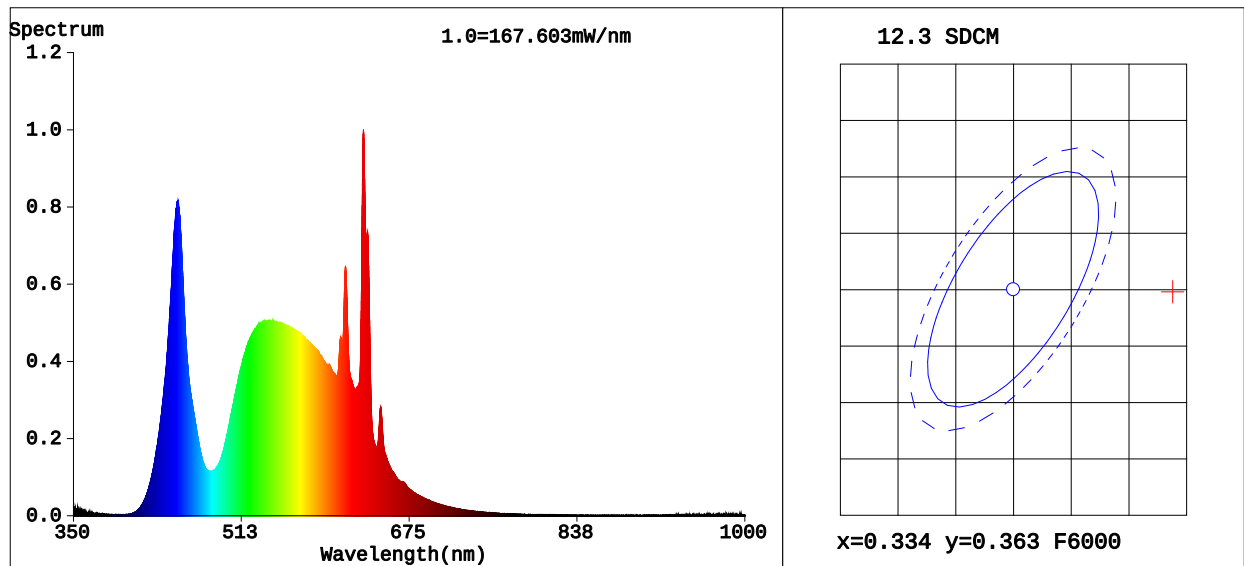
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 43420 (66%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-55W-4000K
Date:2025-10-07 13:57:04
Humidity:65.0%
Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3478$ $y=0.3628$ $u'=0.2090$ $v'=0.4904$

CCT=4938K(Duv=0.0044) Dominant WL:Ld =569.8nm WL:Lc = --nm Purity=13.2%

Ratio:R=16.465% G=80.156% B=3.380% Peak WL:Lp=630.8nm FWHM=8.4nm

Render Index:Ra=83.6 AvgR=77.5

R1 =85	R2 =84	R3 =81	R4 =85	R5 =83	R6 =78	R7 =90	
R8 =83	R9 =45	R10=60	R11=83	R12=50	R13=84	R14=89	R15=83

Photo Parameters:

Flux = 5283 lm Eff. : 97.44 lm/W Fe = 15.94 W

Electrical parameters:

V = 229.96 V I = 0.2426 A P = 54.22 W PF = 0.9707

LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 9 ms Ip = 37354 (57%)

Model:
Tester:QC
Temperature:20Deg
Manufacturer:

Number:Whole Lamp-Stable-55W-5000K
Date:2025-10-07 13:57:21
Humidity:65.0%
Remarks: