Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: LUMARK

Report Number: P1449760

Luminaire Tested: **AXCS2A-GRF-W**

Issue Date: 5/12/2026

Report Generated By 670246072

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1449760
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1901-095-1)
Test Lab:	INNOVATION CENTER
Issue Date:	5/12/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	AXCS2A-GRF-W
Description:	2A AXCENT LED FULL CUTOFF WALLPACK WITH 3000K 80CRI LEDS AND GLARE REDUCTING LENS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2106 lumens
Efficiency:	N/A
Efficacy:	135.9 lumens/watt
Luminous Opening:	Rectangular (W 0.17' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	15.5
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	25 FT

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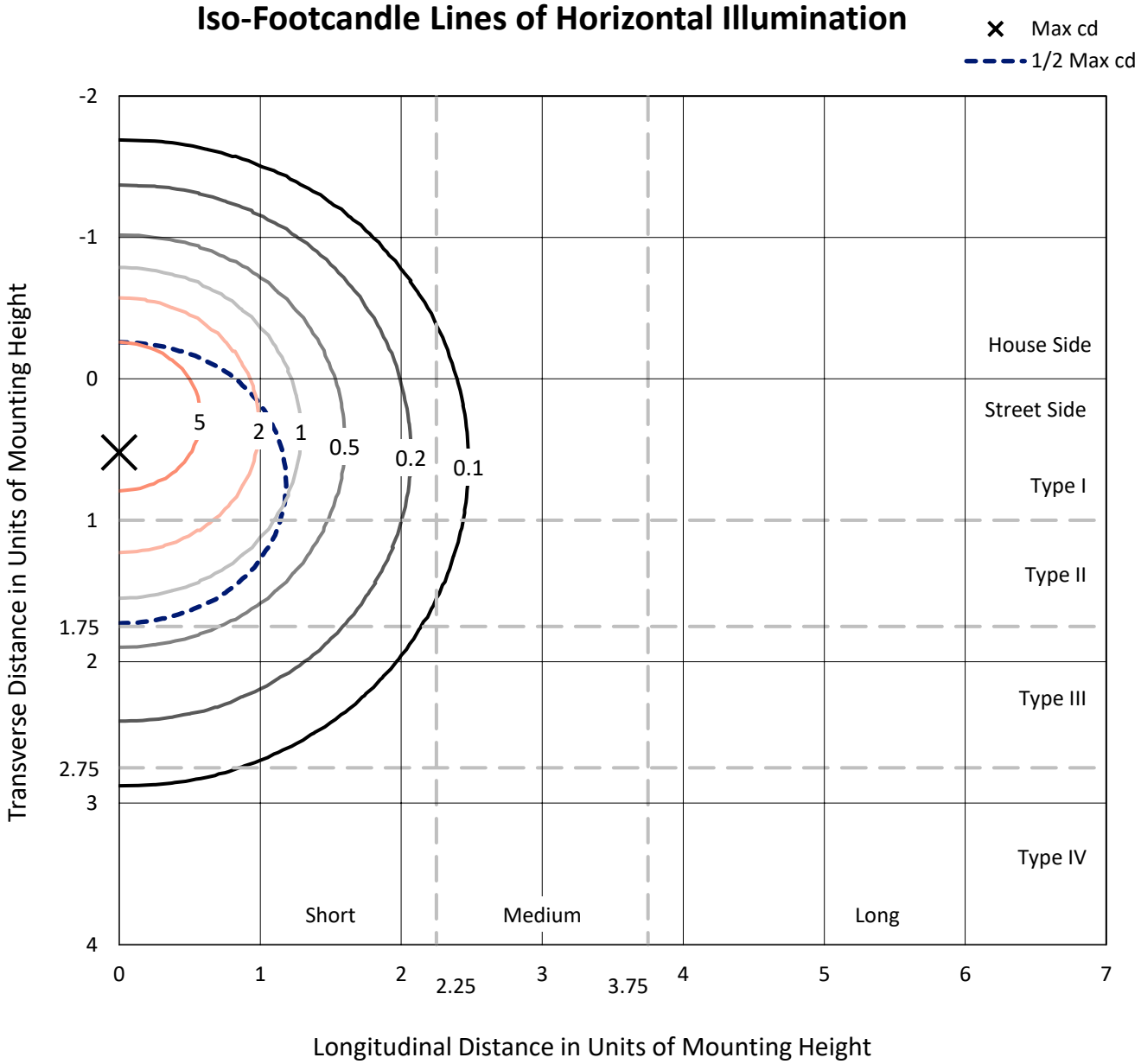
REPORT NUMBER: P1449760
CATALOG NUMBER: AXCS2A-GRF-W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
Type II - Short - N/A

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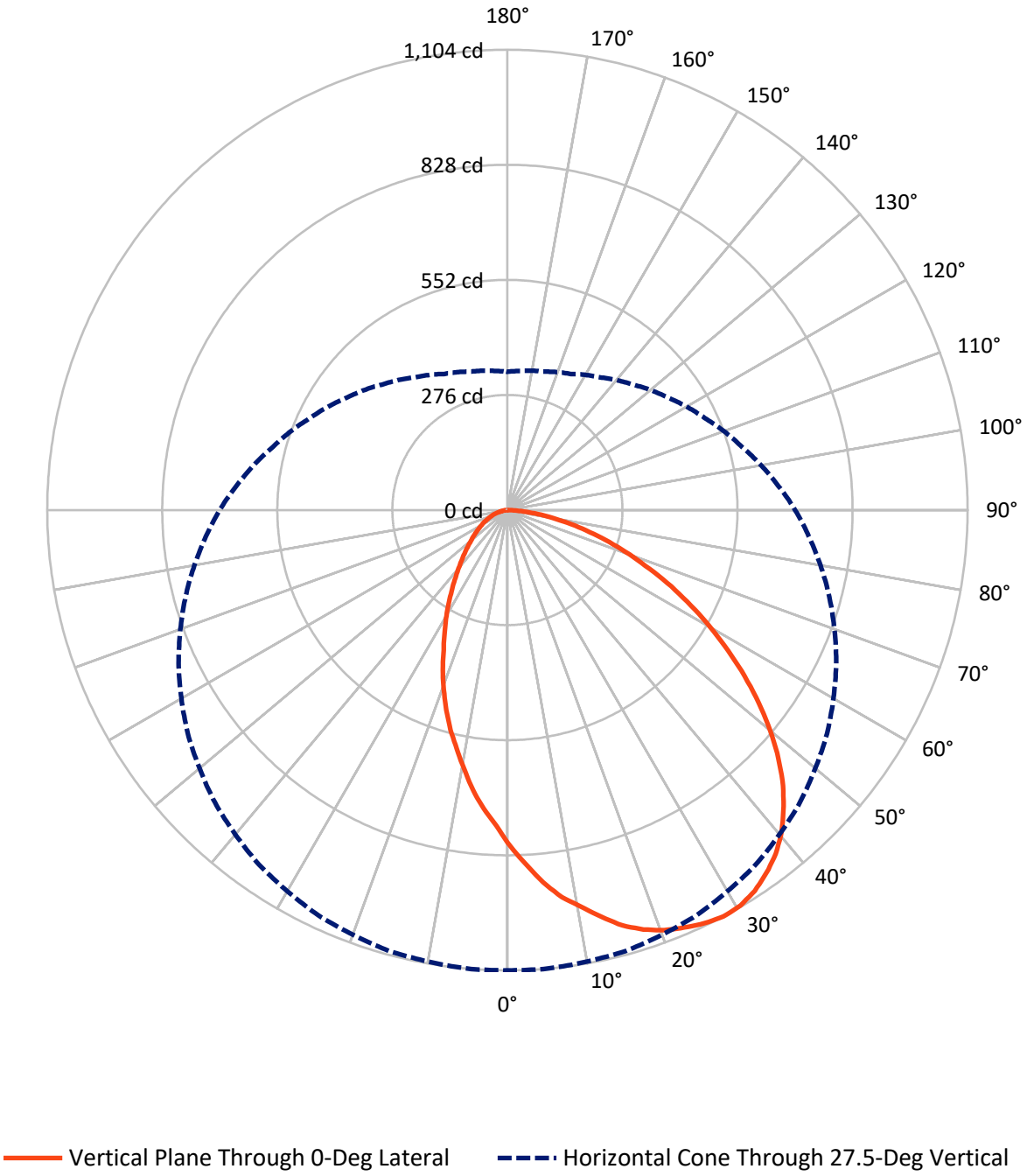
Luminous Intensity Polar Plot



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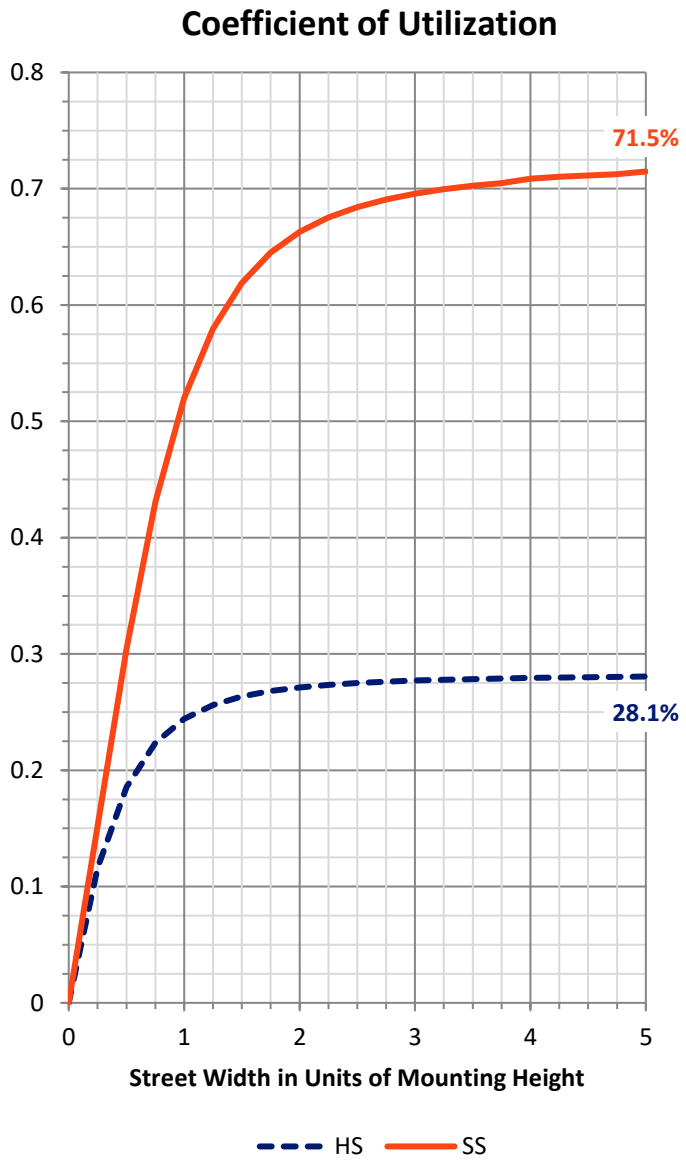
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	595.9	0.0	595.9
	% Fixture	28.3	0.0	28.3
Street Side	Lumens	1510.2	0.0	1510.2
	% Fixture	71.7	0.0	71.7
Total	Lumens	2106.0	0.0	2106.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.5	3.6
10°-20°	220.7	10.5
20°-30°	333.7	15.8
30°-40°	395.8	18.8
40°-50°	392.9	18.7
50°-60°	326.7	15.5
60°-70°	223.3	10.6
70°-80°	112.9	5.4
80°-90°	23.5	1.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2106.0	100.0
0°-180°	2106.0	100.0



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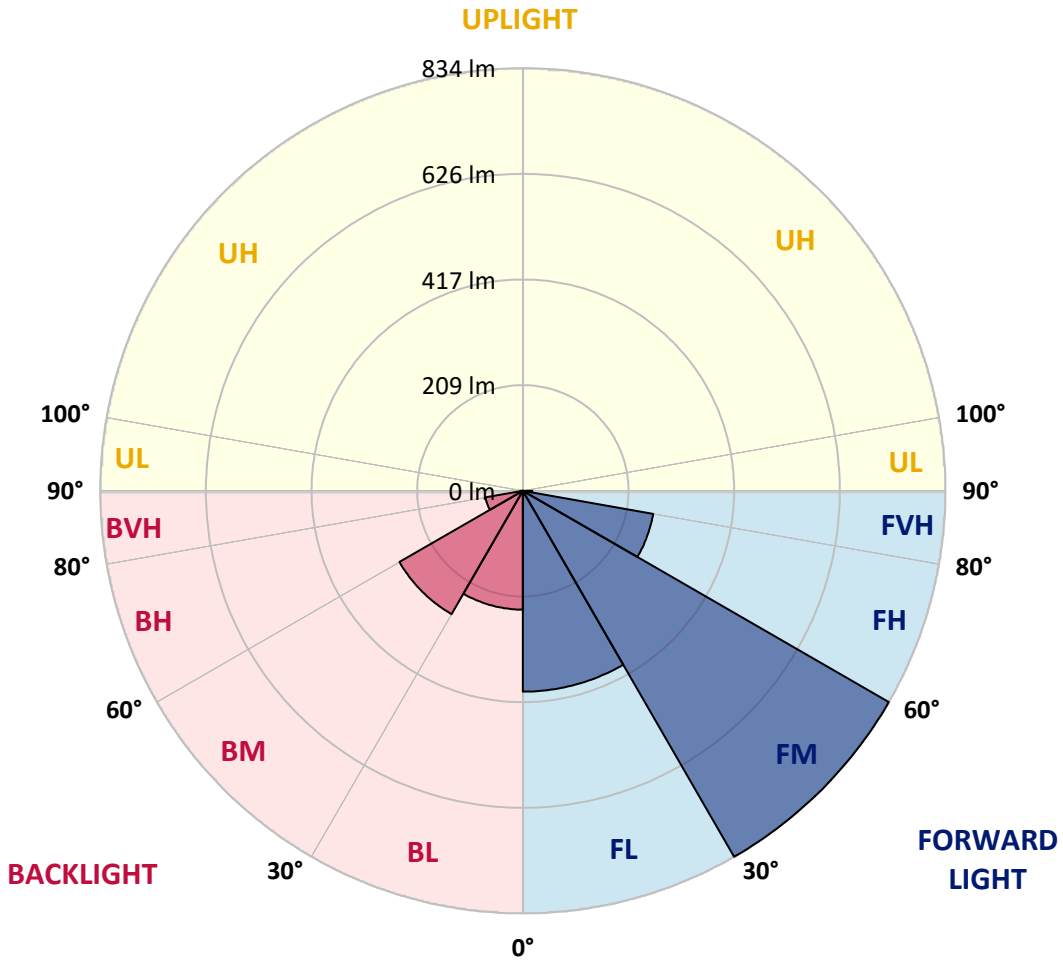
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	396.4	18.8			
FM	(30°-60°)	834.2	39.6			
FH	(60°-80°)	261.3	12.4			G0/660
FVH	(80°-90°)	18.3	0.9			G1/100
BL	(0°-30°)	234.5	11.1	B1/500		
BM	(30°-60°)	281.2	13.4	B1/1000		
BH	(60°-80°)	74.9	3.6	B0/110		G0/110
BVH	(80°-90°)	5.2	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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REPORT NUMBER: P1449760
CATALOG NUMBER: AXCS2A-GRF-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*806.7*	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7
2.5°	*851.3*	848.4	843.9	842.4	837.9	833.5	829.0	823.1	817.1	811.2	806.7
5°	*897.5*	893.0	887.1	881.1	875.2	866.2	854.3	842.4	829.0	815.6	808.2
7.5°	*937.7*	933.2	925.8	918.3	906.4	894.5	876.6	857.3	836.5	817.1	805.2
10°	*967.4*	964.5	957.0	946.6	931.7	913.9	891.5	864.7	837.9	809.7	796.3
12.5°	*1001.7*	997.2	989.8	976.4	957.0	934.7	906.4	875.2	840.9	805.2	787.3
15°	*1034.4*	1031.4	1022.5	1007.6	986.8	958.5	924.3	885.6	843.9	802.2	779.9
17.5°	*1058.2*	1056.7	1049.3	1031.4	1007.6	973.4	934.7	890.0	842.4	793.3	768.0
20°	*1076.1*	1076.1	1067.2	1047.8	1019.5	983.8	939.2	888.6	835.0	779.9	750.1
22.5°	*1088.0*	1088.0	1079.1	1058.2	1027.0	988.3	939.2	882.6	823.1	762.0	729.3
25°	*1098.4*	1096.9	1089.5	1067.2	1034.4	991.3	939.2	878.1	812.6	744.2	709.9
27.5°	*1104.4*	*1104.4*	*1095.4*	*1073.1*	*1038.9*	*992.7*	*936.2*	*870.7*	*799.3*	*726.3*	*690.6*
30°	*1101.4*	1099.9	1091.0	1068.6	1032.9	985.3	924.3	854.3	779.9	702.5	665.3
32.5°	*1089.5*	1086.5	1077.6	1056.7	1019.5	970.4	907.9	835.0	757.6	675.7	635.5
35°	*1070.1*	1070.1	1059.7	1038.9	1003.2	952.6	885.6	812.6	730.8	647.4	607.3
37.5°	*1046.3*	1044.8	1034.4	1015.1	979.3	928.7	861.8	785.9	702.5	616.2	577.5
40°	*1013.6*	1012.1	1001.7	982.3	946.6	897.5	830.5	754.6	669.8	583.4	543.3
42.5°	*971.9*	971.9	961.5	943.6	909.4	861.8	796.3	718.9	635.5	549.2	510.5
45°	*925.8*	924.3	913.9	897.5	864.7	817.1	754.6	678.7	596.8	513.5	474.8
47.5°	*870.7*	869.2	860.3	846.9	815.6	772.5	709.9	637.0	556.6	476.3	439.1
50°	*811.2*	809.7	800.7	788.8	760.6	718.9	659.3	590.9	515.0	437.6	403.3
52.5°	*747.2*	747.2	739.7	727.8	704.0	662.3	607.3	543.3	471.8	398.9	363.2
55°	*681.7*	681.7	675.7	665.3	643.0	607.3	556.6	495.6	428.6	357.2	328.9
57.5°	*614.7*	614.7	610.2	601.3	580.5	547.7	503.1	446.5	384.0	323.0	296.2
60°	*549.2*	549.2	544.7	537.3	519.4	488.2	446.5	398.9	340.8	285.8	262.0
62.5°	*483.7*	485.2	480.7	474.8	459.9	431.6	395.9	348.3	300.6	251.5	230.7
65°	*421.2*	422.7	419.7	412.3	400.4	373.6	342.3	305.1	262.0	218.8	200.9
67.5°	*357.2*	358.7	360.2	351.3	340.8	320.0	294.7	260.5	224.7	189.0	172.7
70°	*300.6*	302.1	302.1	296.2	287.3	269.4	245.6	218.8	189.0	157.8	145.9
72.5°	*245.6*	247.1	248.6	244.1	235.2	220.3	202.4	180.1	154.8	129.5	119.1
75°	*195.0*	198.0	196.5	192.0	186.0	174.1	160.7	141.4	122.0	102.7	93.8
77.5°	*147.3*	148.8	148.8	145.9	141.4	134.0	122.0	107.2	92.3	78.9	71.4
80°	*104.2*	104.2	105.7	104.2	99.7	92.3	84.8	75.9	65.5	56.6	50.6
82.5°	*65.5*	67.0	67.0	65.5	62.5	59.5	52.1	46.1	40.2	35.7	31.3
85°	*32.7*	34.2	34.2	32.7	32.7	29.8	26.8	22.3	19.3	17.9	14.9
87.5°	*10.4*	10.4	8.9	10.4	10.4	8.9	7.4	6.0	6.0	4.5	4.5
90°	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1449760
CATALOG NUMBER: AXCS2A-GRF-W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7	806.7
2.5°	802.2	793.3	785.9	776.9	771.0	765.0	762.0	757.6	757.6	757.6
5°	799.3	784.4	769.5	754.6	742.7	732.3	726.3	720.4	717.4	718.9
7.5°	791.8	769.5	748.6	727.8	711.4	696.6	686.1	678.7	674.2	677.2
10°	779.9	750.1	721.9	696.6	674.2	656.4	643.0	634.0	628.1	629.6
12.5°	768.0	732.3	696.6	668.3	640.0	617.7	601.3	592.4	584.9	584.9
15°	757.6	712.9	674.2	638.5	607.3	582.0	562.6	552.2	544.7	544.7
17.5°	742.7	692.1	646.0	607.3	571.5	543.3	520.9	509.0	501.6	501.6
20°	721.9	665.3	616.2	573.0	532.8	503.1	477.8	465.9	456.9	456.9
22.5°	699.5	638.5	583.4	535.8	494.1	461.4	436.1	422.7	413.8	413.8
25°	677.2	611.7	552.2	503.1	459.9	425.7	397.4	381.0	370.6	369.1
27.5°	*653.4*	*583.4*	*522.4*	*470.3*	*425.7*	*388.5*	*360.2*	*343.8*	*334.9*	*331.9*
30°	625.1	552.2	489.7	434.6	387.0	351.3	324.5	308.1	299.2	299.2
32.5°	596.8	520.9	456.9	401.9	351.3	318.5	291.7	275.3	266.4	266.4
35°	565.6	489.7	424.2	366.1	320.0	287.3	262.0	245.6	236.6	236.6
37.5°	534.3	459.9	391.4	336.4	293.2	259.0	233.7	218.8	211.3	209.9
40°	501.6	427.2	358.7	306.6	264.9	232.2	209.9	195.0	187.5	186.0
42.5°	468.8	394.4	328.9	278.3	238.1	208.4	187.5	172.7	166.7	165.2
45°	434.6	361.7	300.6	253.0	214.3	187.5	166.7	154.8	148.8	147.3
47.5°	401.9	330.4	273.9	229.2	193.5	168.2	148.8	136.9	131.0	131.0
50°	361.7	300.6	247.1	206.9	174.1	150.3	132.5	122.0	117.6	116.1
52.5°	328.9	272.4	223.3	186.0	156.3	134.0	119.1	108.7	104.2	104.2
55°	299.2	245.6	200.9	166.7	138.4	120.6	105.7	98.2	92.3	92.3
57.5°	266.4	218.8	180.1	148.8	125.0	107.2	95.3	86.3	81.9	81.9
60°	238.1	195.0	159.3	132.5	110.1	93.8	83.3	77.4	72.9	72.9
62.5°	209.9	171.2	139.9	116.1	96.7	83.3	72.9	67.0	64.0	64.0
65°	181.6	148.8	122.0	101.2	84.8	72.9	64.0	58.0	56.6	55.1
67.5°	156.3	129.5	105.7	87.8	72.9	62.5	55.1	50.6	47.6	47.6
70°	131.0	108.7	89.3	74.4	62.5	53.6	47.6	43.2	41.7	40.2
72.5°	108.7	89.3	72.9	61.0	50.6	44.7	38.7	35.7	34.2	34.2
75°	86.3	71.4	58.0	49.1	41.7	34.2	31.3	28.3	26.8	26.8
77.5°	65.5	53.6	44.7	37.2	31.3	26.8	23.8	22.3	20.8	19.3
80°	46.1	37.2	31.3	26.8	22.3	19.3	16.4	14.9	14.9	14.9
82.5°	28.3	23.8	19.3	16.4	13.4	11.9	10.4	8.9	8.9	8.9
85°	14.9	11.9	8.9	7.4	6.0	6.0	4.5	4.5	4.5	4.5
87.5°	4.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Lumark

Report Number: SP1-2512-637-1

Test Date: 01/12/2026

Luminaire Tested: AXCS4A-W

Data in this report applies to families of products including AXCS4A-W

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

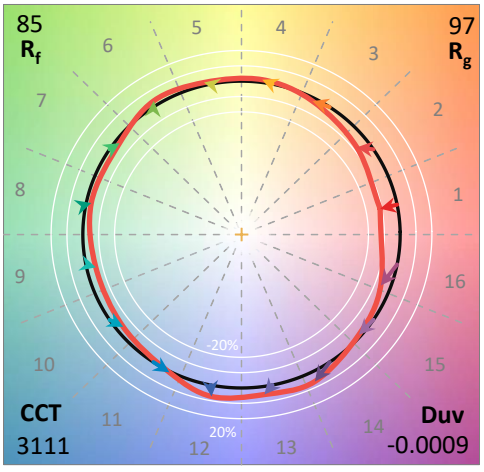
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2512-637-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Lumark
Catalog Number:	**AXCS4A-W**
Description:	4A AXCENT SMALL WALLPACK, FULL CUTOFF, 3000K

Spectral Parameters

CCT (K):	3111
CIE u':	0.2472
CIE v':	0.5179
Duv:	-0.0009
CIE x:	0.4280
CIE y:	0.3986
CIE z:	0.1733
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	582
Purity:	48.11977
Rf:	85.3
Rg:	96.7

CRI (Ra):	83.4
R1:	82.0
R2:	91.4
R3:	96.3
R4:	81.9
R5:	82.5
R6:	89.7
R7:	83.1
R8:	60.2
R9:	8.9
R10:	80.6
R11:	81.8
R12:	73.2
R13:	84.3
R14:	98.6
R15:	74.6



Test Conditions

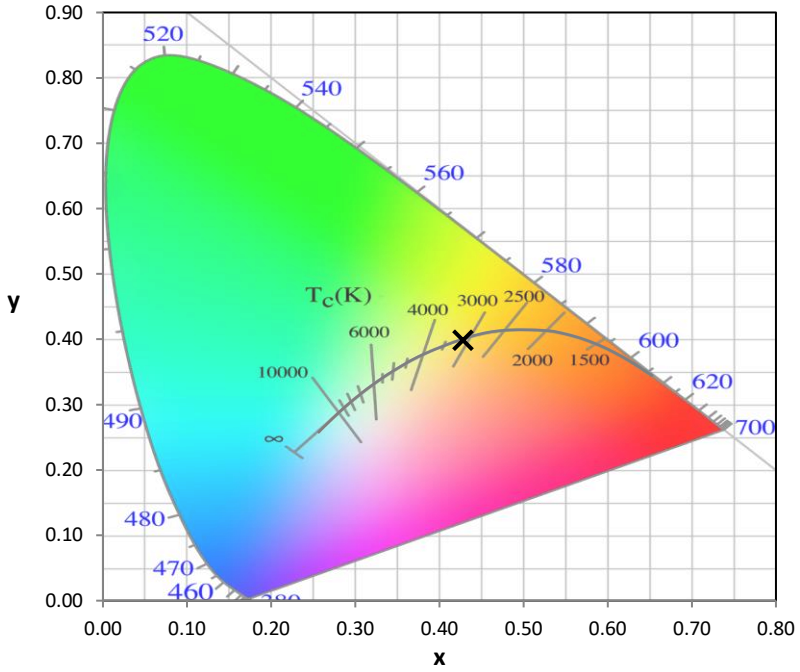
Stabilization Time:	52M
Operation Time:	1H 52M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2512-637-1

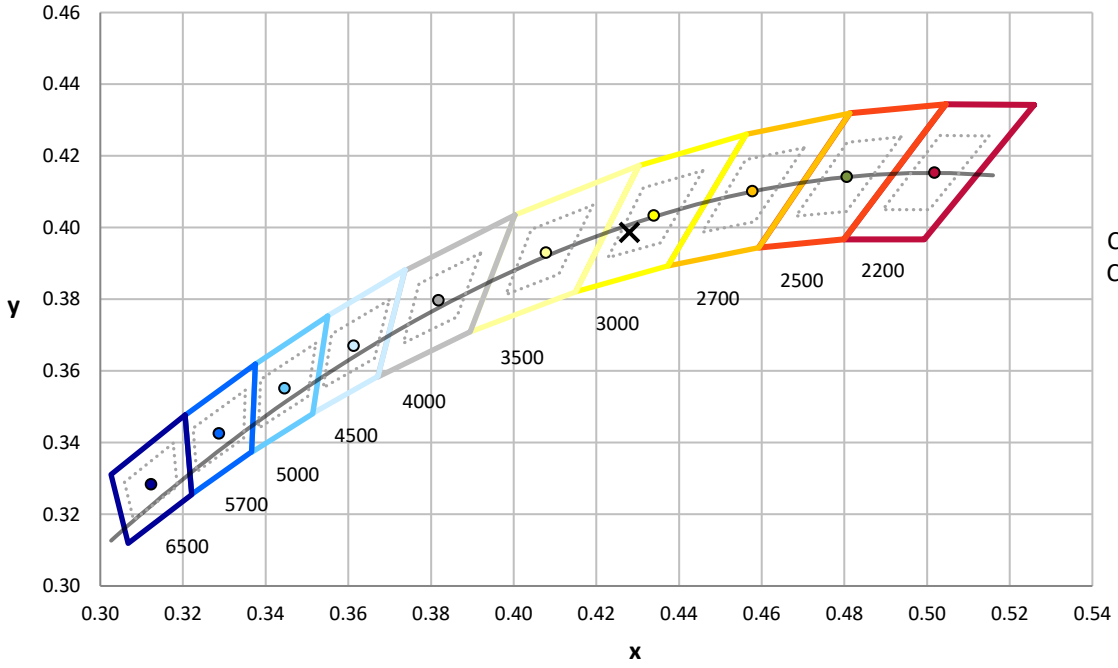
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

REPORT NUMBER: SP1-2512-637-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

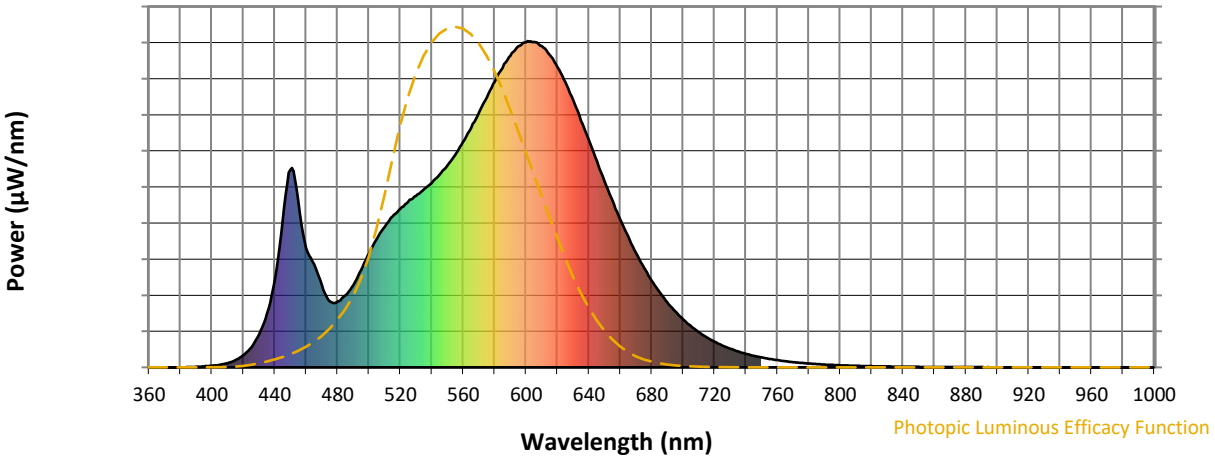


CCT = 3111K
CIE x = 0.4280
CIE y = 0.3986
Duv = -0.0009

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2512-637-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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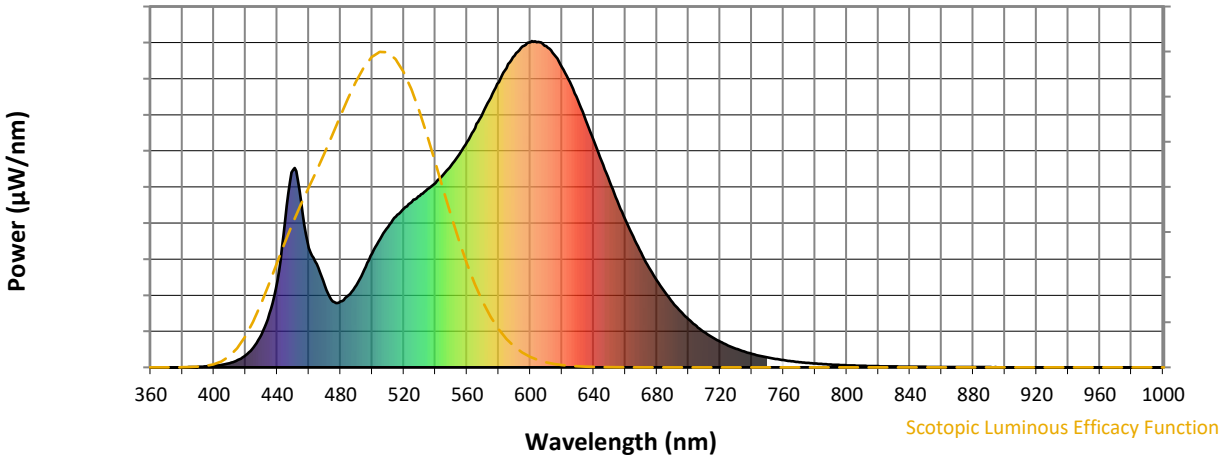
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.4**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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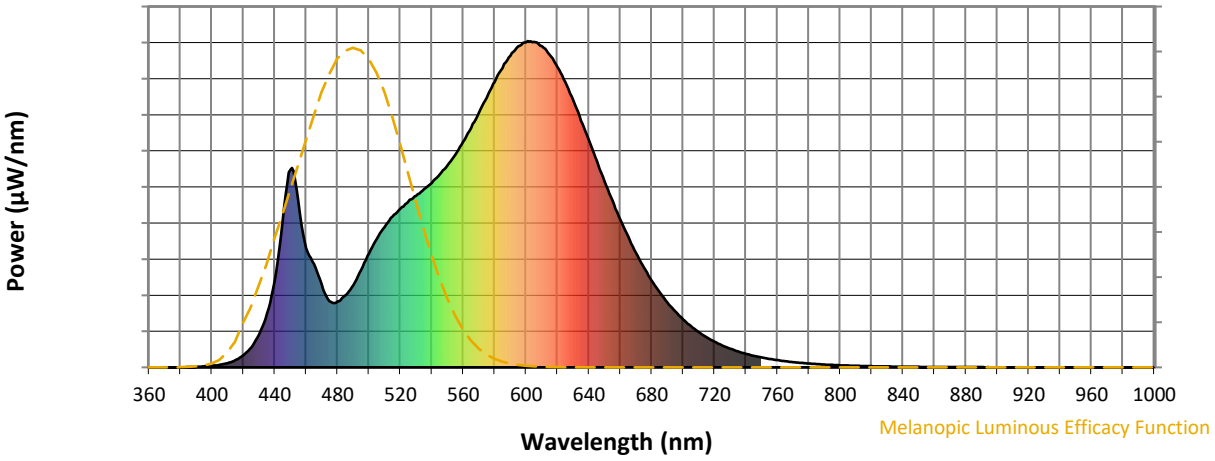
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.73**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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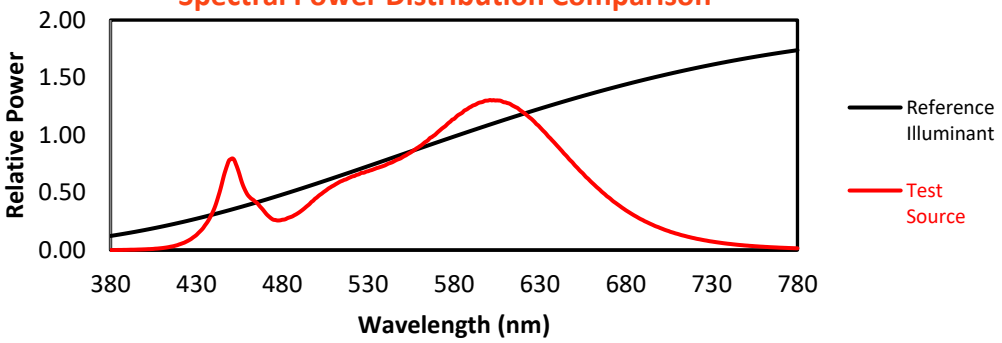
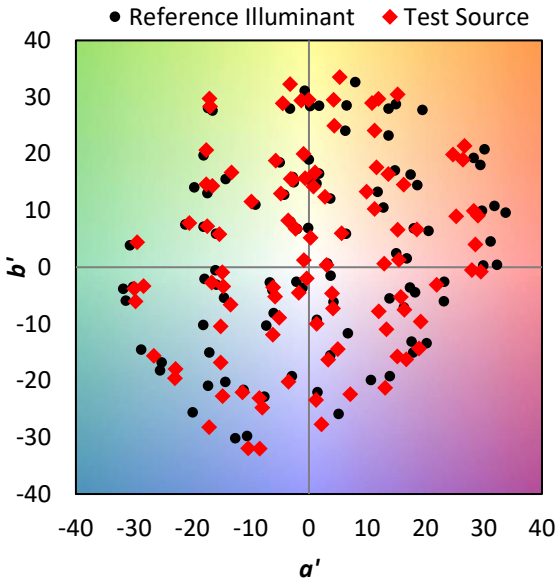
Summary

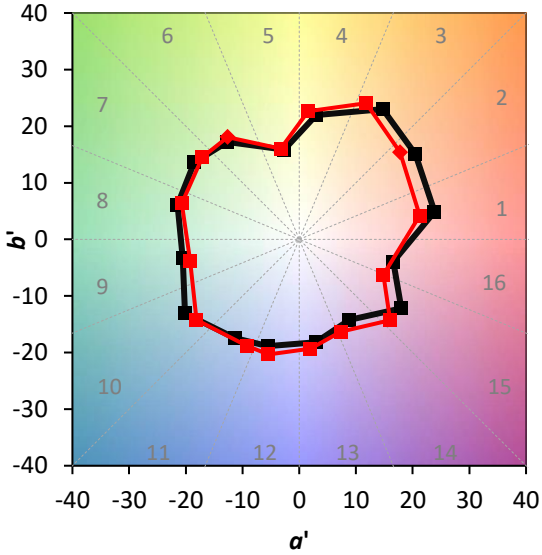
R_f = 85.3
R_g = 96.7
CIE R_a = 83.4
R_9 = 8.9

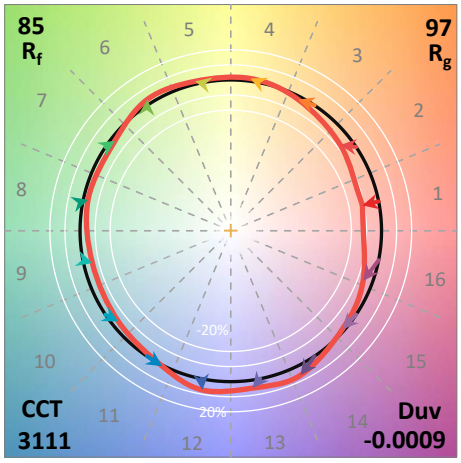
Spectral Power Distribution Comparison

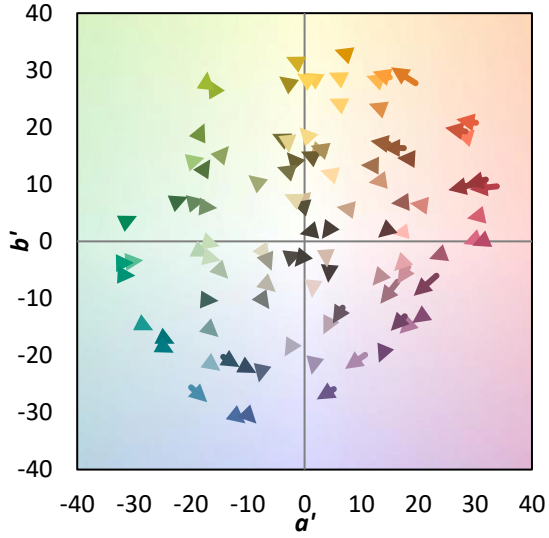


Color Vector Graphics









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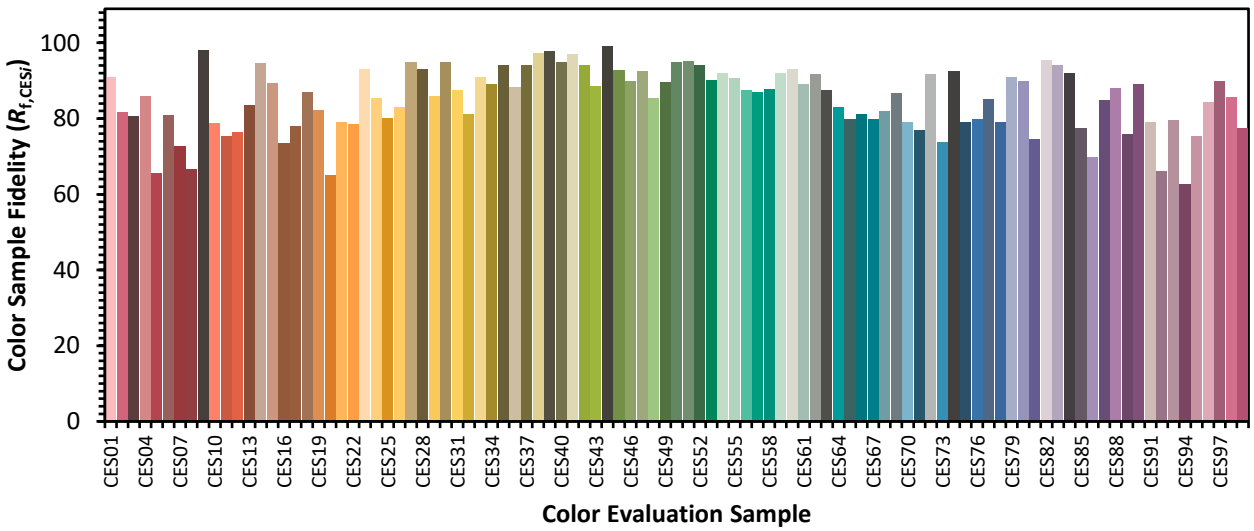
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 83	CES51 = 95	CES76 = 80
CES02 = 63	CES27 = 95	CES52 = 94	CES77 = 85
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 79
CES04 = 70	CES29 = 86	CES54 = 92	CES79 = 91
CES05 = 49	CES30 = 95	CES55 = 91	CES80 = 90
CES06 = 51	CES31 = 87	CES56 = 88	CES81 = 74
CES07 = 42	CES32 = 81	CES57 = 87	CES82 = 95
CES08 = 41	CES33 = 91	CES58 = 88	CES83 = 94
CES09 = 29	CES34 = 89	CES59 = 92	CES84 = 92
CES10 = 76	CES35 = 94	CES60 = 93	CES85 = 78
CES11 = 59	CES36 = 88	CES61 = 89	CES86 = 70
CES12 = 65	CES37 = 94	CES62 = 92	CES87 = 85
CES13 = 43	CES38 = 97	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 83	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 80	CES90 = 89
CES16 = 47	CES41 = 97	CES66 = 81	CES91 = 79
CES17 = 50	CES42 = 94	CES67 = 80	CES92 = 66
CES18 = 56	CES43 = 89	CES68 = 82	CES93 = 80
CES19 = 72	CES44 = 99	CES69 = 87	CES94 = 63
CES20 = 66	CES45 = 93	CES70 = 79	CES95 = 75
CES21 = 87	CES46 = 90	CES71 = 77	CES96 = 84
CES22 = 79	CES47 = 93	CES72 = 92	CES97 = 90
CES23 = 92	CES48 = 86	CES73 = 74	CES98 = 86
CES24 = 91	CES49 = 90	CES74 = 93	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 79	



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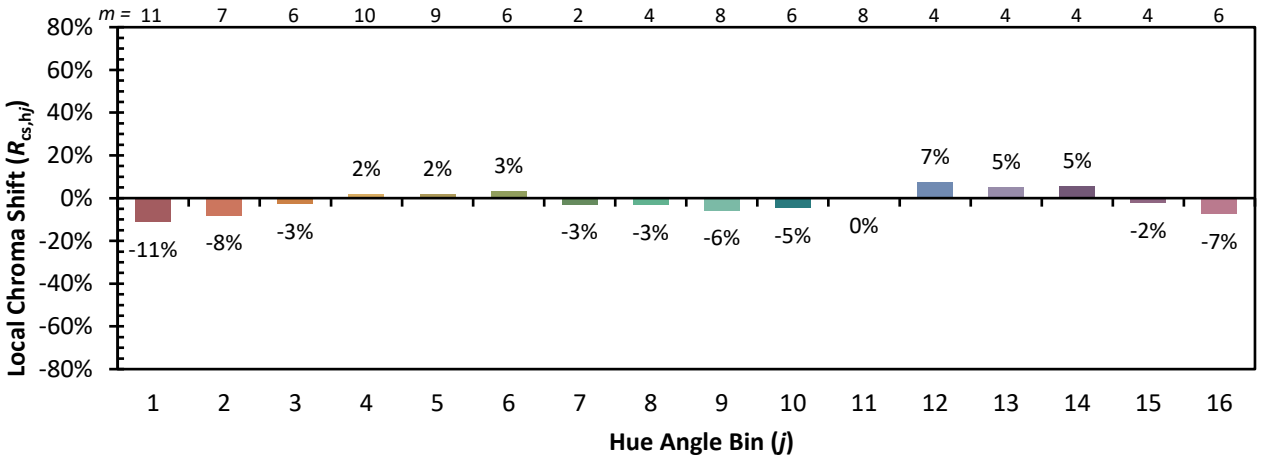
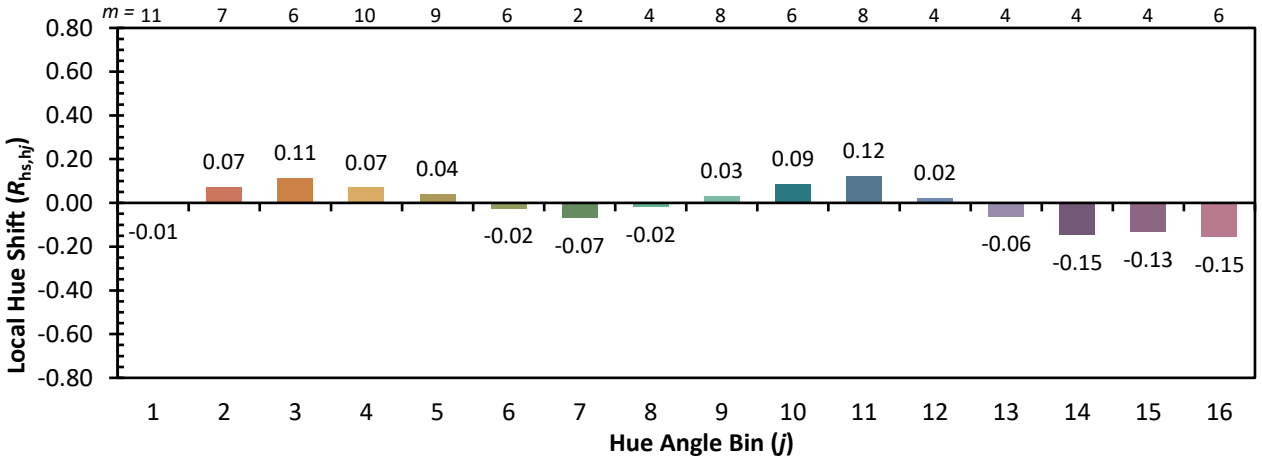
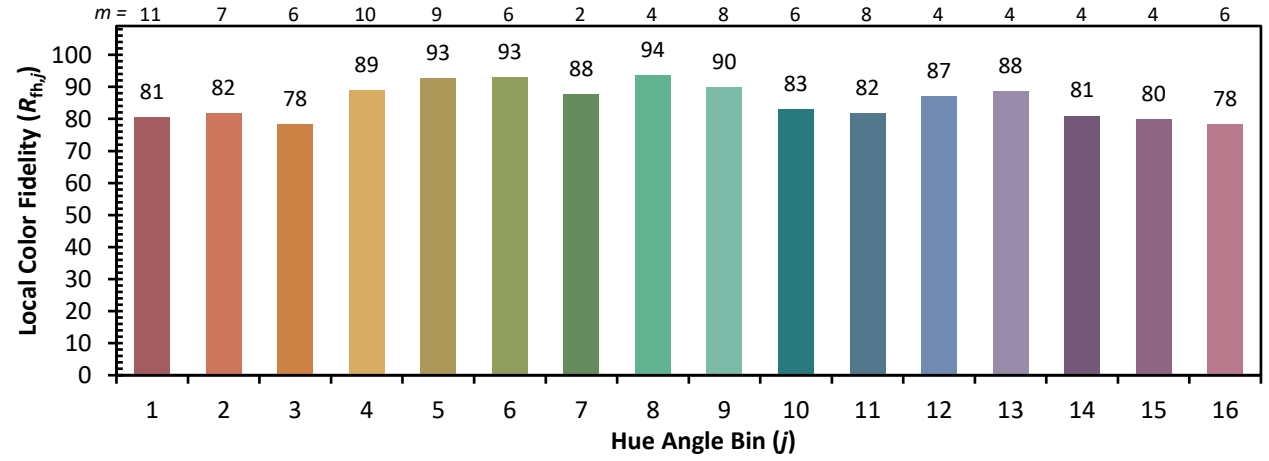
Color Rendition by Hue-Angle Bin







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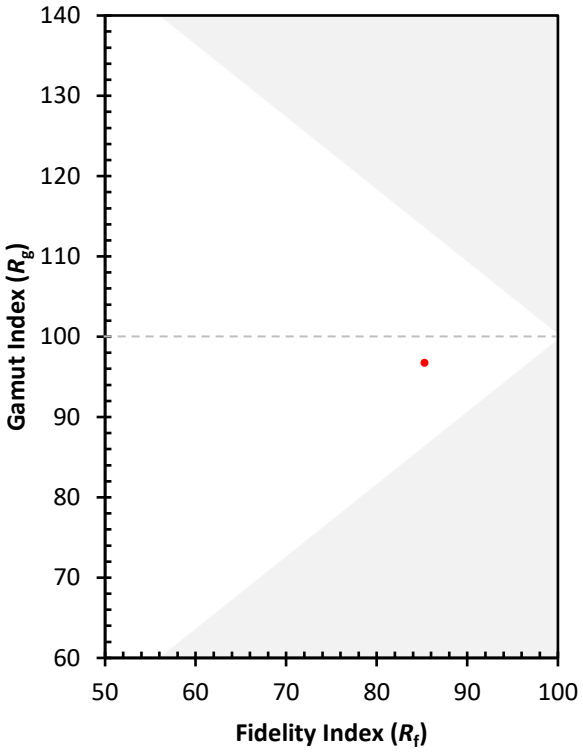
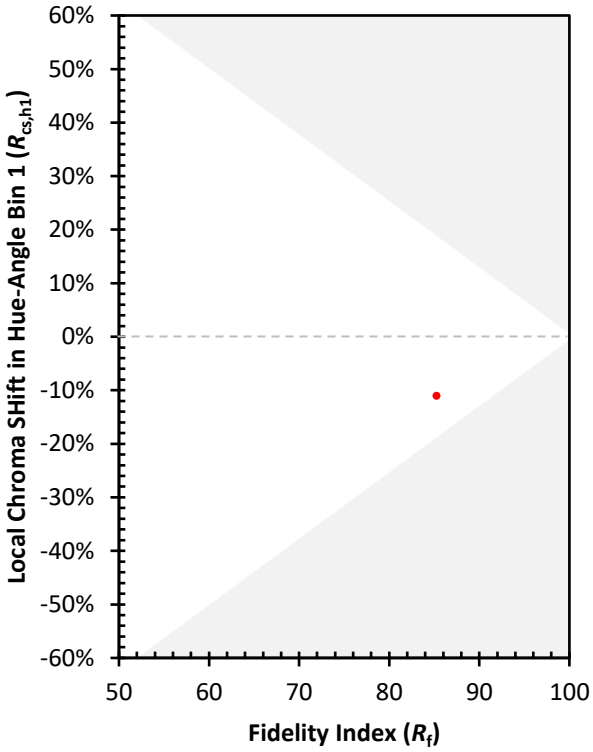
Measure Comparisons





(END OF REPORT)