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: P1449748

Luminaire Tested: **AXCS1A-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:	P1449748
	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:	AXCS1A-GRF-W
Description:	1A 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:	1453 lumens
Efficiency:	N/A
Efficacy:	128.6 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):	11.3
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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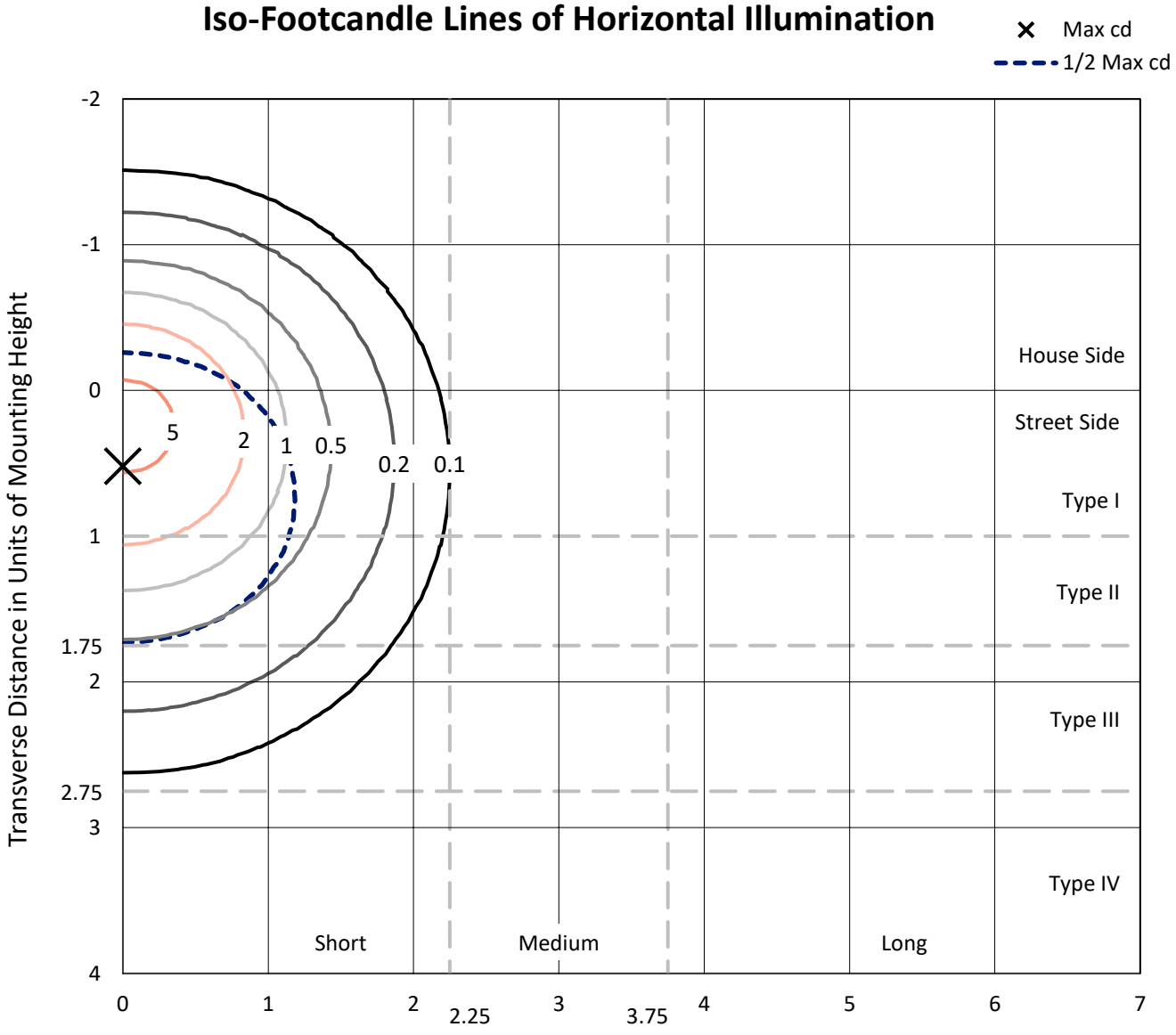
REPORT NUMBER: P1449748
CATALOG NUMBER: AXCS1A-GRF-W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 6.4 fc
Type II - Short - N/A

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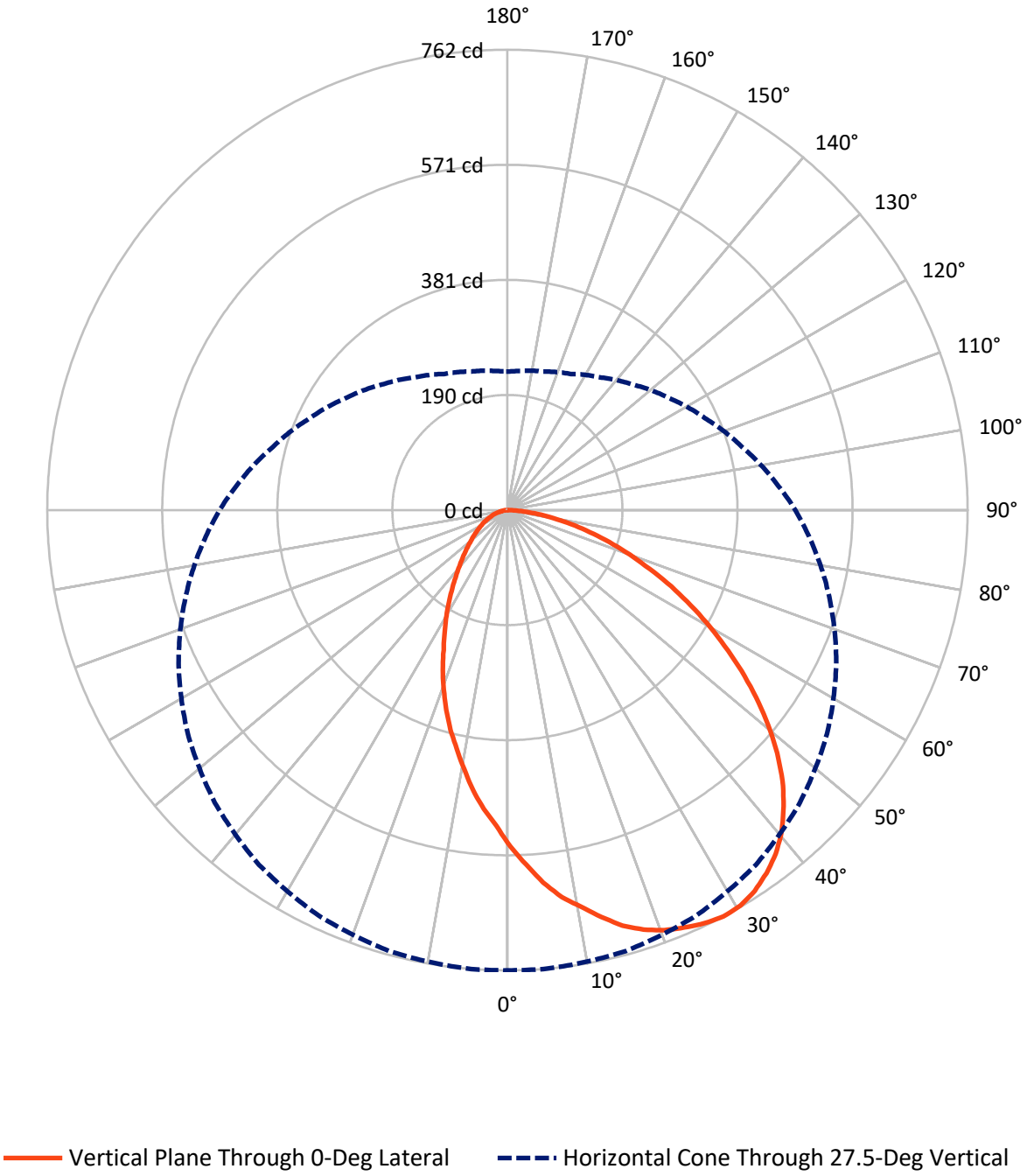
Luminous Intensity Polar Plot



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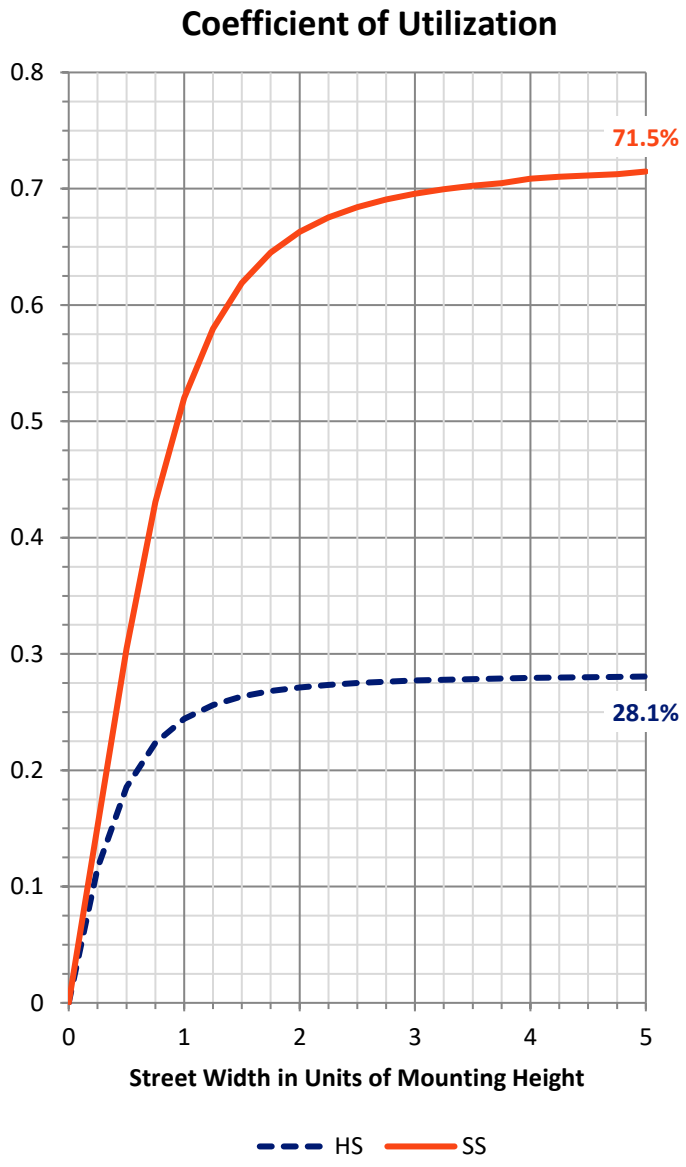
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	411.1	0.0	411.1
	% Fixture	28.3	0.0	28.3
Street Side	Lumens	1041.9	0.0	1041.9
	% Fixture	71.7	0.0	71.7
Total	Lumens	1453.0	0.0	1453.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	3.6
10°-20°	152.2	10.5
20°-30°	230.2	15.8
30°-40°	273.1	18.8
40°-50°	271.1	18.7
50°-60°	225.4	15.5
60°-70°	154.1	10.6
70°-80°	77.9	5.4
80°-90°	16.2	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°	1453.0	100.0
0°-180°	1453.0	100.0



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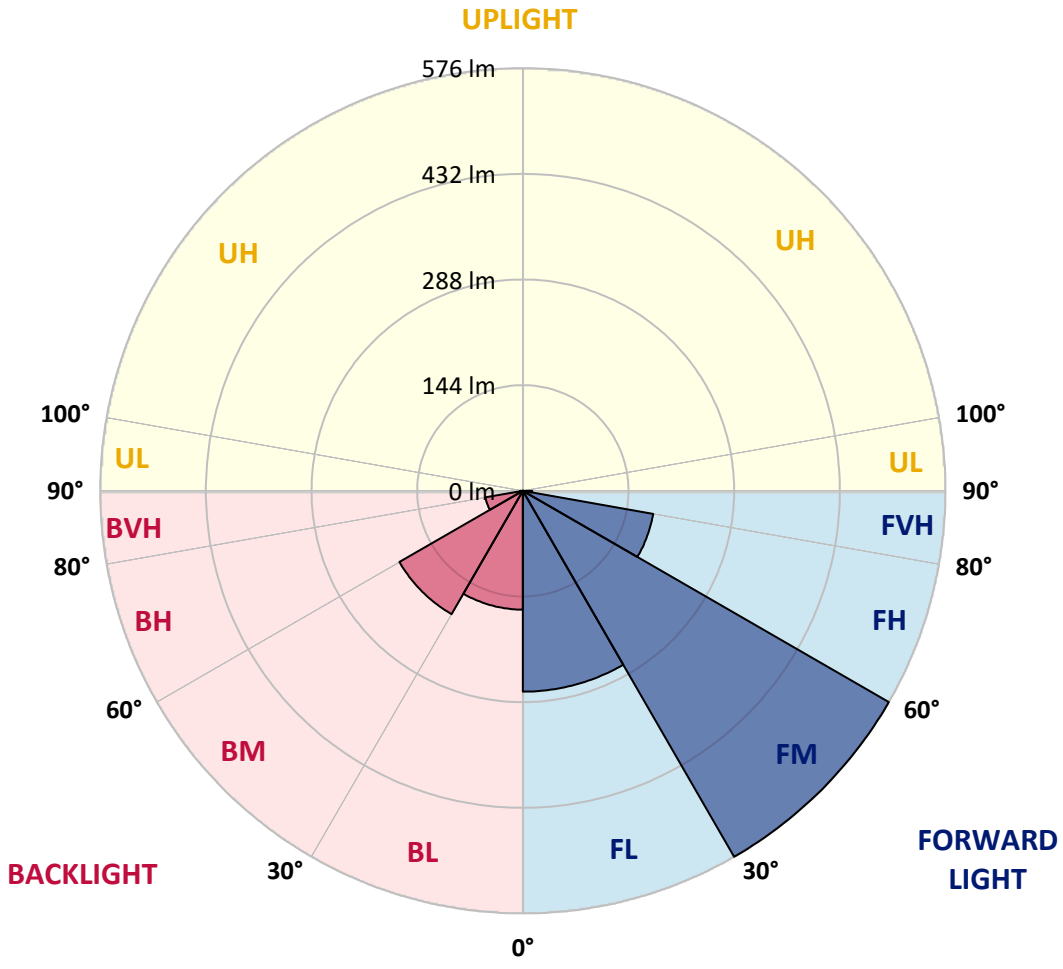
CATALOG NUMBER: AXCS1A-GRF-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	273.5	18.8			
FM	(30°-60°)	575.5	39.6			
FH	(60°-80°)	180.3	12.4			G0/660
FVH	(80°-90°)	12.6	0.9			G1/100
BL	(0°-30°)	161.8	11.1	B1/500		
BM	(30°-60°)	194.0	13.4	B0/220		
BH	(60°-80°)	51.7	3.6	B0/110		G0/110
BVH	(80°-90°)	3.6	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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Scaled Data Report

REPORT NUMBER: P1449748
CATALOG NUMBER: AXCS1A-GRF-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6
2.5°	587.4	585.3	582.2	581.2	578.1	575.0	572.0	567.9	563.8	559.6	556.6
5°	619.2	616.1	612.0	607.9	603.8	597.6	589.4	581.2	572.0	562.7	557.6
7.5°	646.9	643.8	638.7	633.6	625.4	617.2	604.8	591.5	577.1	563.8	555.5
10°	667.5	665.4	660.3	653.1	642.8	630.5	615.1	596.6	578.1	558.6	549.4
12.5°	691.1	688.0	682.9	673.6	660.3	644.9	625.4	603.8	580.2	555.5	543.2
15°	713.7	711.6	705.5	695.2	680.8	661.3	637.7	611.0	582.2	553.5	538.1
17.5°	730.1	729.1	723.9	711.6	695.2	671.6	644.9	614.1	581.2	547.3	529.9
20°	742.4	742.4	736.3	722.9	703.4	678.8	648.0	613.0	576.1	538.1	517.5
22.5°	750.6	750.6	744.5	730.1	708.5	681.8	648.0	608.9	567.9	525.8	503.2
25°	757.8	756.8	751.7	736.3	713.7	683.9	648.0	605.9	560.7	513.4	489.8
27.5°	761.9	761.9	755.8	740.4	716.8	684.9	645.9	600.7	551.4	501.1	476.5
30°	759.9	758.9	752.7	737.3	712.6	679.8	637.7	589.4	538.1	484.7	459.0
32.5°	751.7	749.6	743.5	729.1	703.4	669.5	626.4	576.1	522.7	466.2	438.5
35°	738.3	738.3	731.1	716.8	692.1	657.2	611.0	560.7	504.2	446.7	419.0
37.5°	721.9	720.9	713.7	700.3	675.7	640.8	594.6	542.2	484.7	425.1	398.4
40°	699.3	698.3	691.1	677.7	653.1	619.2	573.0	520.6	462.1	402.5	374.8
42.5°	670.5	670.5	663.4	651.0	627.4	594.6	549.4	496.0	438.5	378.9	352.2
45°	638.7	637.7	630.5	619.2	596.6	563.8	520.6	468.3	411.8	354.3	327.6
47.5°	600.7	599.7	593.5	584.3	562.7	532.9	489.8	439.5	384.1	328.6	302.9
50°	559.6	558.6	552.5	544.2	524.7	496.0	454.9	407.7	355.3	301.9	278.3
52.5°	515.5	515.5	510.4	502.1	485.7	457.0	419.0	374.8	325.5	275.2	250.6
55°	470.3	470.3	466.2	459.0	443.6	419.0	384.1	341.9	295.7	246.4	226.9
57.5°	424.1	424.1	421.0	414.9	400.5	377.9	347.1	308.1	264.9	222.8	204.3
60°	378.9	378.9	375.8	370.7	358.4	336.8	308.1	275.2	235.2	197.2	180.7
62.5°	333.7	334.8	331.7	327.6	317.3	297.8	273.1	240.3	207.4	173.5	159.2
65°	290.6	291.6	289.6	284.4	276.2	257.7	236.2	210.5	180.7	151.0	138.6
67.5°	246.4	247.5	248.5	242.3	235.2	220.8	203.3	179.7	155.1	130.4	119.1
70°	207.4	208.5	208.5	204.3	198.2	185.9	169.4	151.0	130.4	108.8	100.6
72.5°	169.4	170.5	171.5	168.4	162.2	152.0	139.7	124.3	106.8	89.3	82.1
75°	134.5	136.6	135.5	132.5	128.4	120.1	110.9	97.6	84.2	70.9	64.7
77.5°	101.7	102.7	102.7	100.6	97.6	92.4	84.2	73.9	63.7	54.4	49.3
80°	71.9	71.9	72.9	71.9	68.8	63.7	58.5	52.4	45.2	39.0	34.9
82.5°	45.2	46.2	46.2	45.2	43.1	41.1	35.9	31.8	27.7	24.6	21.6
85°	22.6	23.6	23.6	22.6	22.6	20.5	18.5	15.4	13.3	12.3	10.3
87.5°	7.2	7.2	6.2	7.2	7.2	6.2	5.1	4.1	4.1	3.1	3.1
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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1449748
CATALOG NUMBER: AXCS1A-GRF-W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6	556.6
2.5°	553.5	547.3	542.2	536.0	531.9	527.8	525.8	522.7	522.7	522.7
5°	551.4	541.2	530.9	520.6	512.4	505.2	501.1	497.0	495.0	496.0
7.5°	546.3	530.9	516.5	502.1	490.8	480.6	473.4	468.3	465.2	467.2
10°	538.1	517.5	498.0	480.6	465.2	452.9	443.6	437.4	433.3	434.4
12.5°	529.9	505.2	480.6	461.1	441.6	426.2	414.9	408.7	403.6	403.6
15°	522.7	491.9	465.2	440.5	419.0	401.5	388.2	381.0	375.8	375.8
17.5°	512.4	477.5	445.7	419.0	394.3	374.8	359.4	351.2	346.1	346.1
20°	498.0	459.0	425.1	395.3	367.6	347.1	329.6	321.4	315.2	315.2
22.5°	482.6	440.5	402.5	369.7	340.9	318.3	300.9	291.6	285.5	285.5
25°	467.2	422.0	381.0	347.1	317.3	293.7	274.2	262.9	255.7	254.7
27.5°	*450.8*	*402.5*	*360.4*	*324.5*	*293.7*	*268.0*	*248.5*	*237.2*	*231.0*	*229.0*
30°	431.3	381.0	337.8	299.8	267.0	242.3	223.9	212.6	206.4	206.4
32.5°	411.8	359.4	315.2	277.3	242.3	219.8	201.3	190.0	183.8	183.8
35°	390.2	337.8	292.7	252.6	220.8	198.2	180.7	169.4	163.3	163.3
37.5°	368.6	317.3	270.1	232.1	202.3	178.7	161.2	151.0	145.8	144.8
40°	346.1	294.7	247.5	211.5	182.8	160.2	144.8	134.5	129.4	128.4
42.5°	323.5	272.1	226.9	192.0	164.3	143.8	129.4	119.1	115.0	114.0
45°	299.8	249.5	207.4	174.6	147.9	129.4	115.0	106.8	102.7	101.7
47.5°	277.3	228.0	188.9	158.1	133.5	116.0	102.7	94.5	90.4	90.4
50°	249.5	207.4	170.5	142.7	120.1	103.7	91.4	84.2	81.1	80.1
52.5°	226.9	187.9	154.0	128.4	107.8	92.4	82.1	75.0	71.9	71.9
55°	206.4	169.4	138.6	115.0	95.5	83.2	72.9	67.8	63.7	63.7
57.5°	183.8	151.0	124.3	102.7	86.3	73.9	65.7	59.6	56.5	56.5
60°	164.3	134.5	109.9	91.4	76.0	64.7	57.5	53.4	50.3	50.3
62.5°	144.8	118.1	96.5	80.1	66.7	57.5	50.3	46.2	44.2	44.2
65°	125.3	102.7	84.2	69.8	58.5	50.3	44.2	40.0	39.0	38.0
67.5°	107.8	89.3	72.9	60.6	50.3	43.1	38.0	34.9	32.9	32.9
70°	90.4	75.0	61.6	51.3	43.1	37.0	32.9	29.8	28.8	27.7
72.5°	75.0	61.6	50.3	42.1	34.9	30.8	26.7	24.6	23.6	23.6
75°	59.6	49.3	40.0	33.9	28.8	23.6	21.6	19.5	18.5	18.5
77.5°	45.2	37.0	30.8	25.7	21.6	18.5	16.4	15.4	14.4	13.3
80°	31.8	25.7	21.6	18.5	15.4	13.3	11.3	10.3	10.3	10.3
82.5°	19.5	16.4	13.3	11.3	9.2	8.2	7.2	6.2	6.2	6.2
85°	10.3	8.2	6.2	5.1	4.1	4.1	3.1	3.1	3.1	3.1
87.5°	3.1	2.1	2.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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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Peachtree City, GA 30269

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

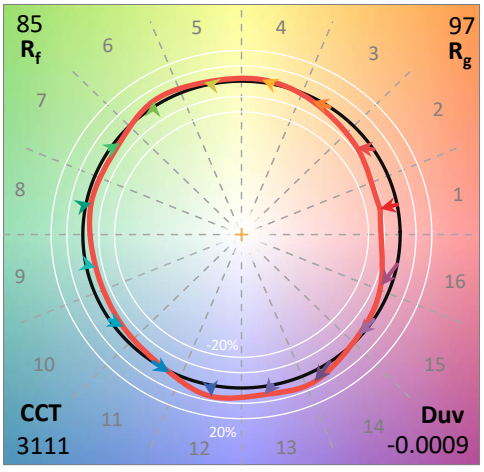
Test Information

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

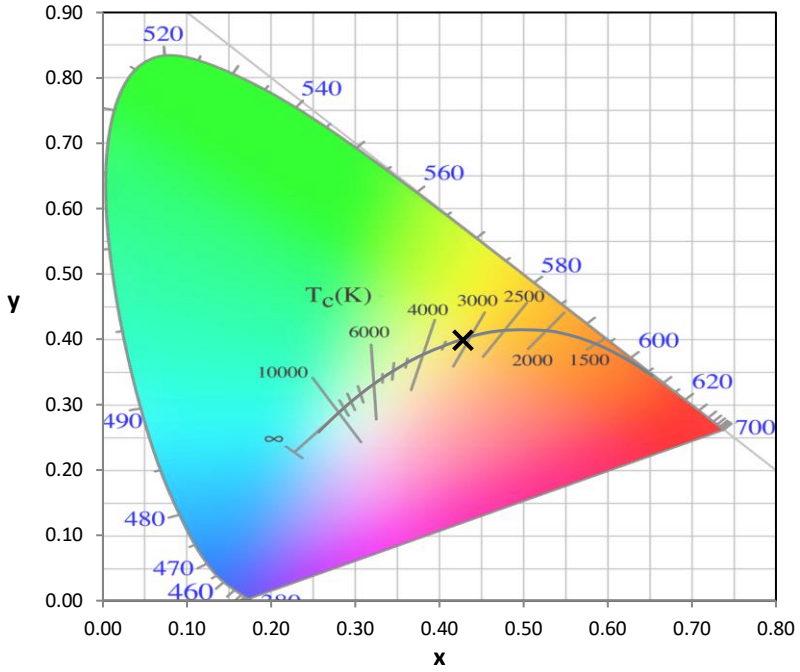
Stabilization Time:	52M
Operation Time:	1H 52M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2512-637-1

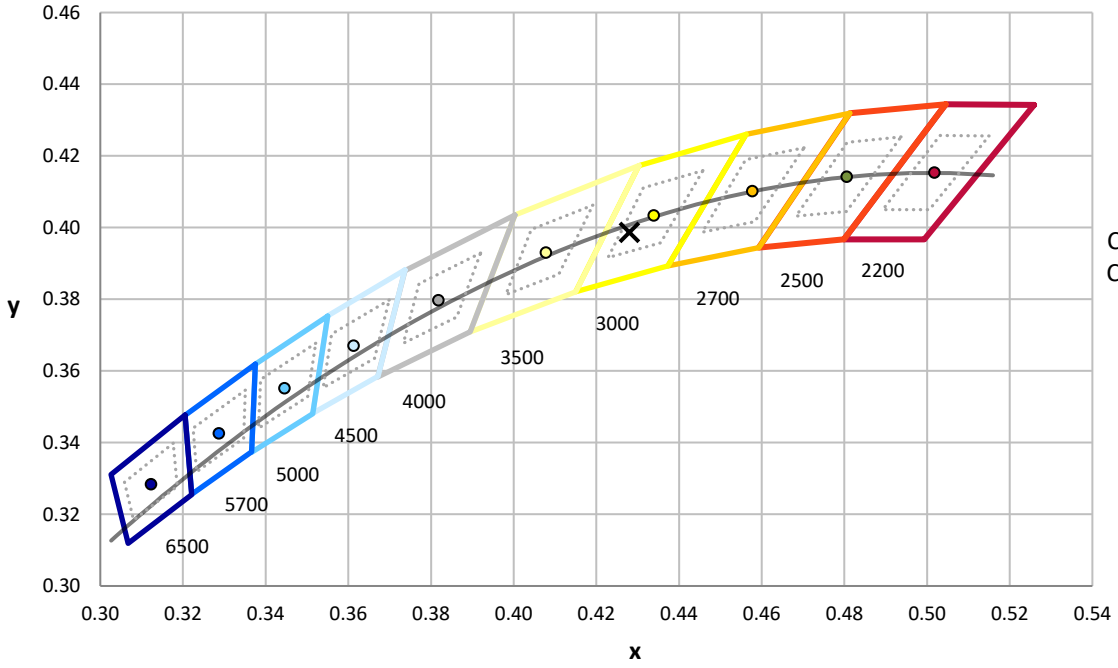
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

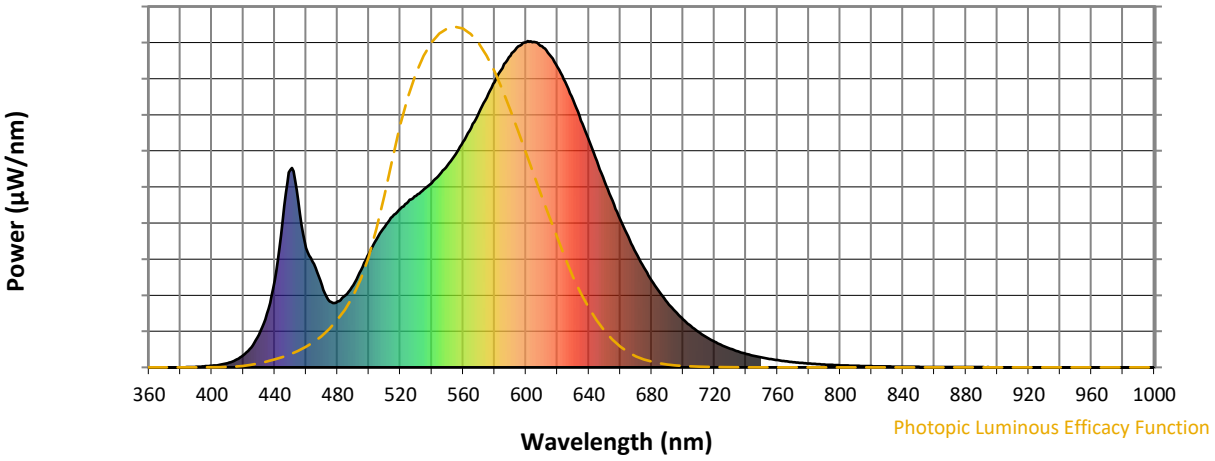


CCT = 3111K
CIE x = 0.4280
CIE y = 0.3986
Duv = -0.0009

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2512-637-1

Photopic Flux vs. Wavelength

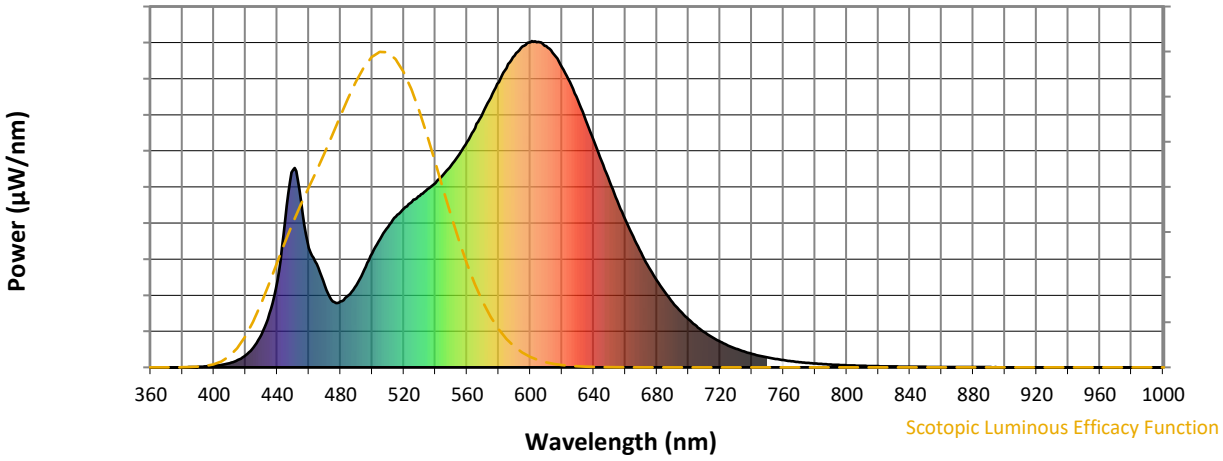


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2512-637-1

Scotopic Flux vs. Wavelength

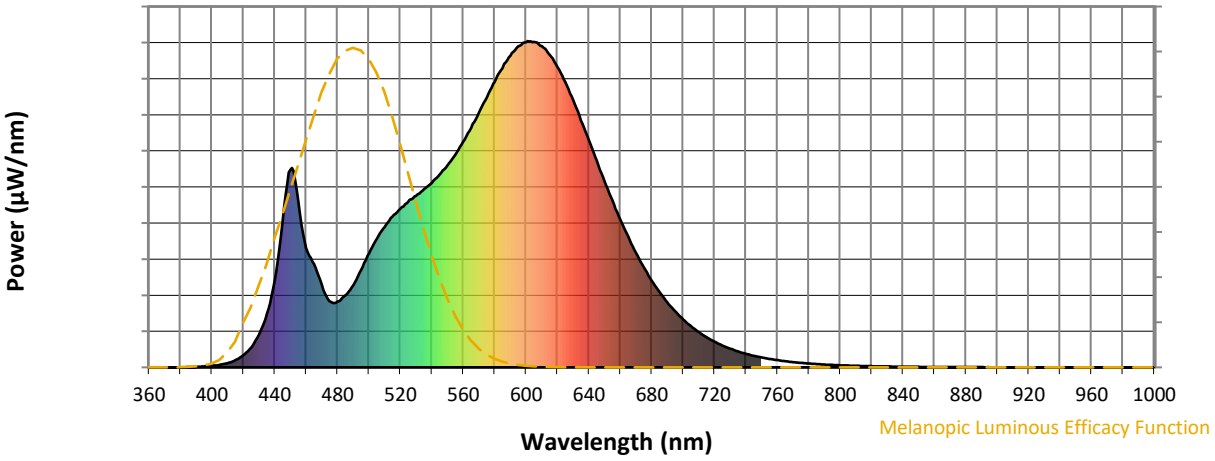


Scotopic Lumens: NR **S/P: 1.4**

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			

REPORT NUMBER: SP1-2512-637-1

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			

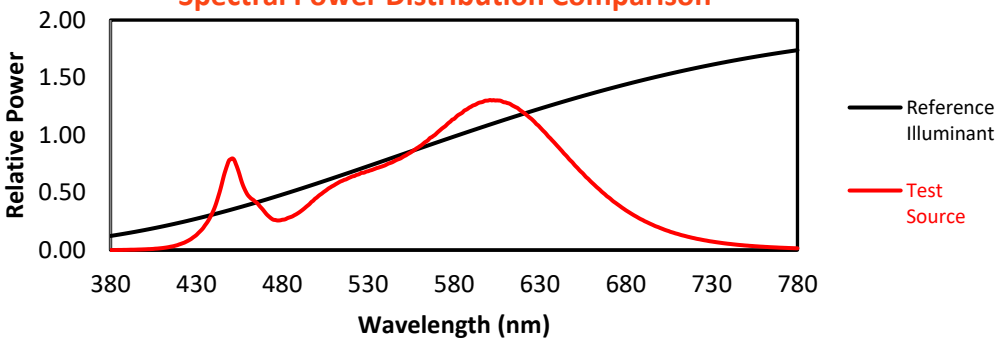
REPORT NUMBER: SP1-2512-637-1

TM-30-18

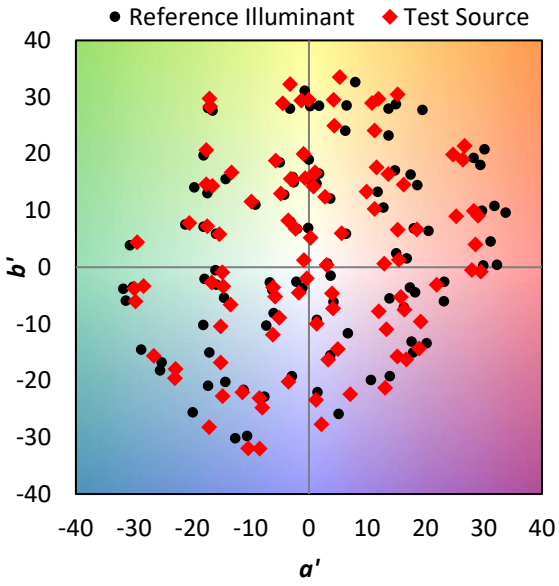
Summary

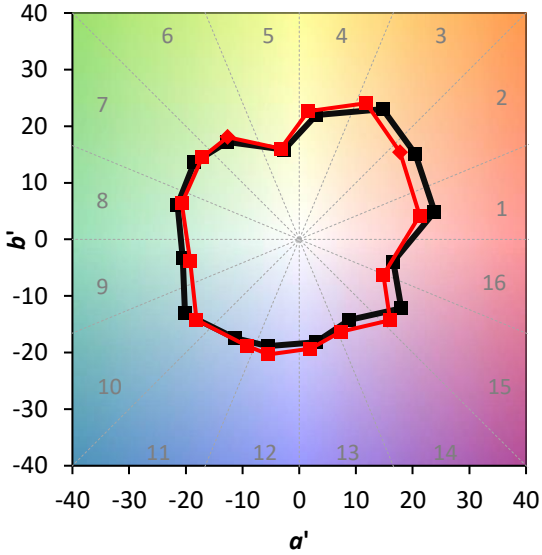
R_f = 85.3
R_g = 96.7
CIE R_a = 83.4
R_9 = 8.9

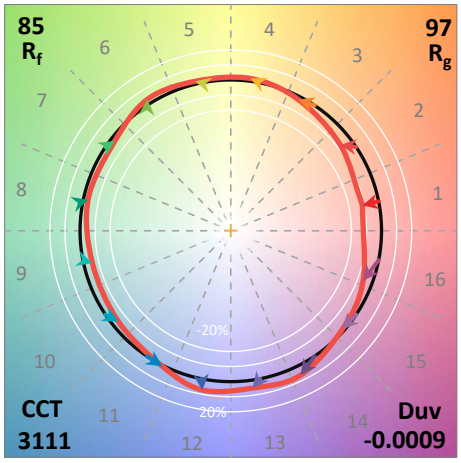
Spectral Power Distribution Comparison

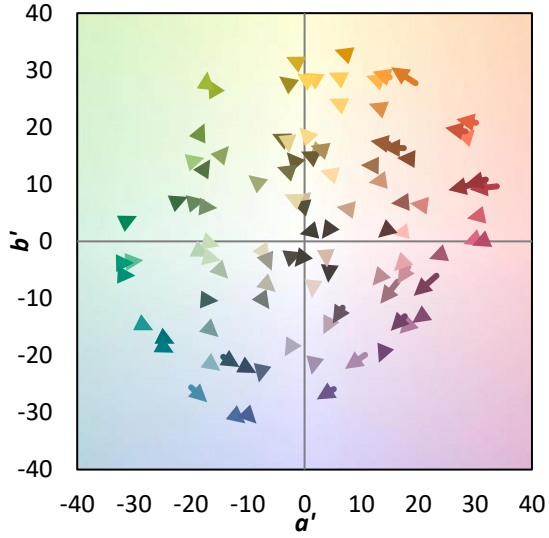


Color Vector Graphics







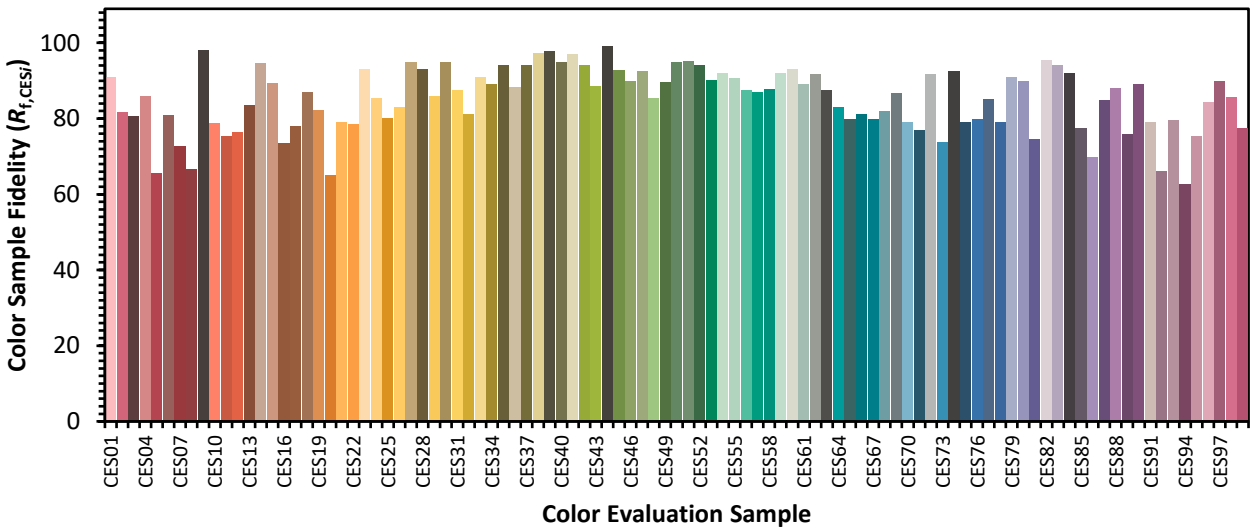


REPORT NUMBER: SP1-2512-637-1

TM-30-18

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

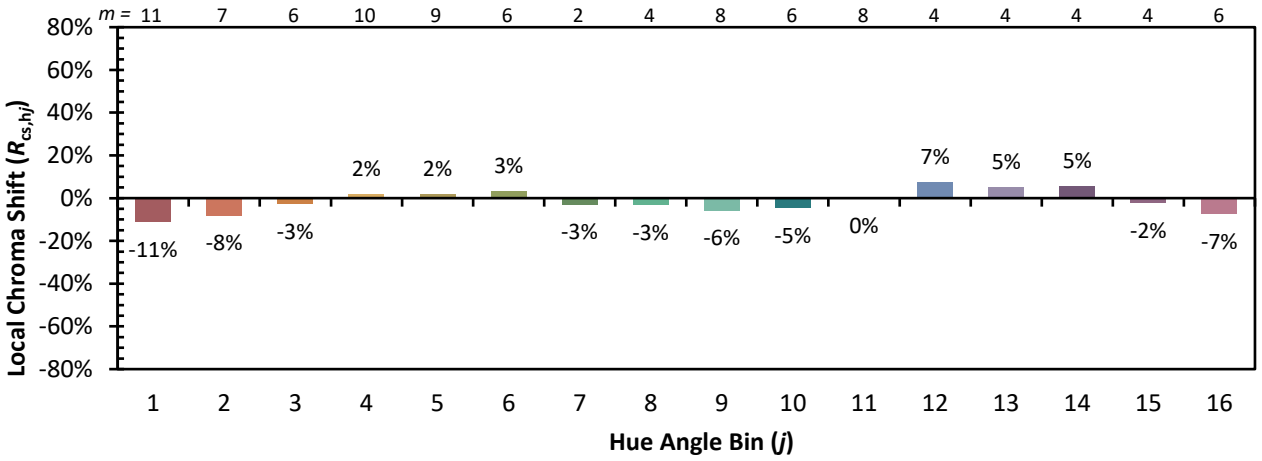
CES01 = 86	CES26 = 83	CES51 = 95	CES76 = 80
CES02 = 63	CES27 = 95	CES52 = 94	CES77 = 85
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 79
CES04 = 70	CES29 = 86	CES54 = 92	CES79 = 91
CES05 = 49	CES30 = 95	CES55 = 91	CES80 = 90
CES06 = 51	CES31 = 87	CES56 = 88	CES81 = 74
CES07 = 42	CES32 = 81	CES57 = 87	CES82 = 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	

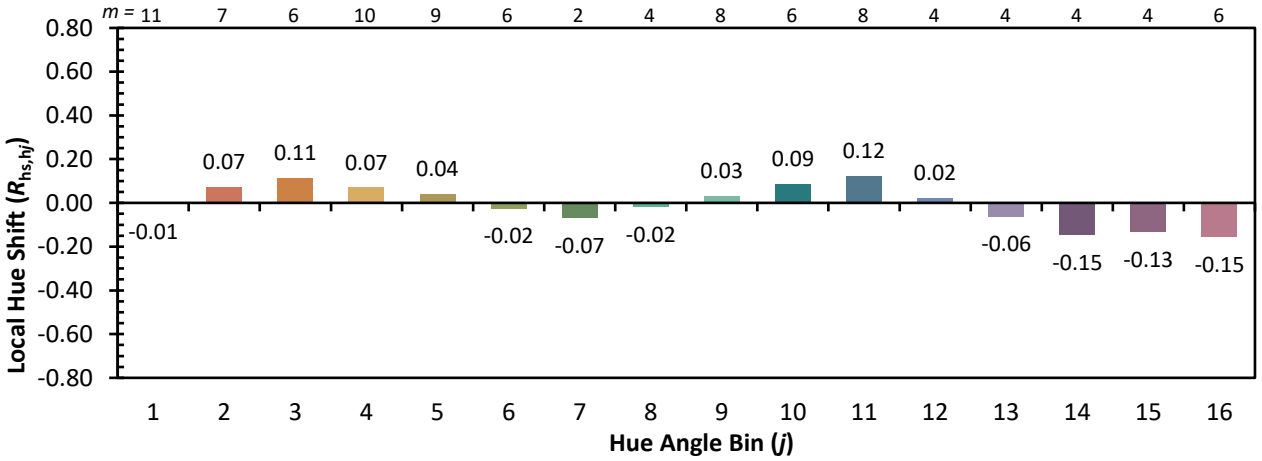


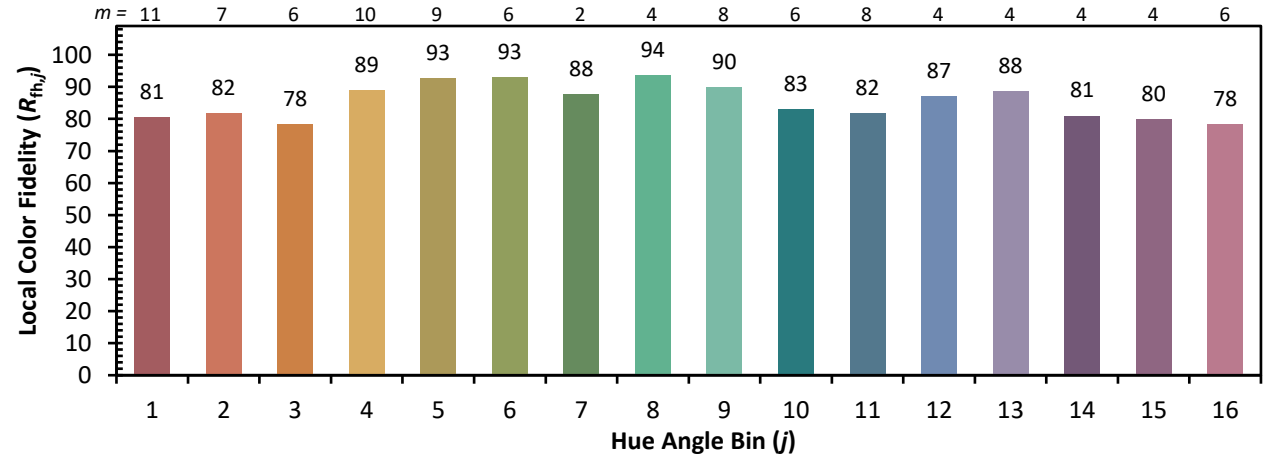
REPORT NUMBER: SP1-2512-637-1

TM-30-18

Color Rendition by Hue-Angle Bin



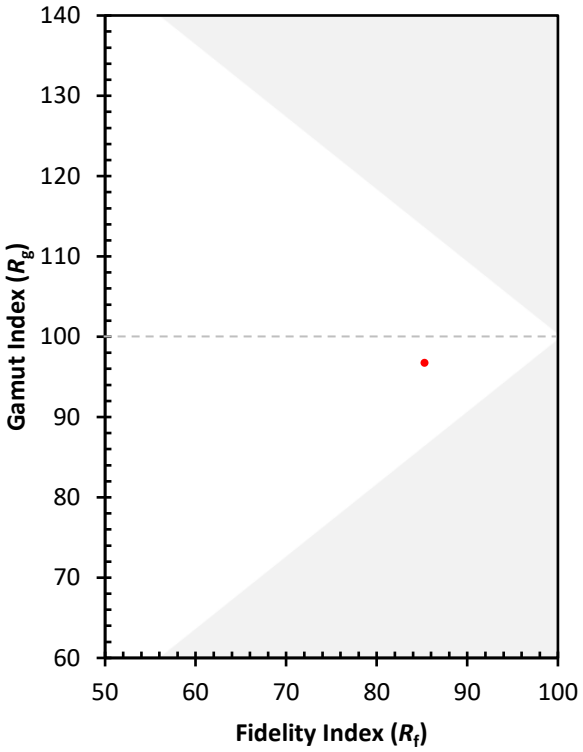


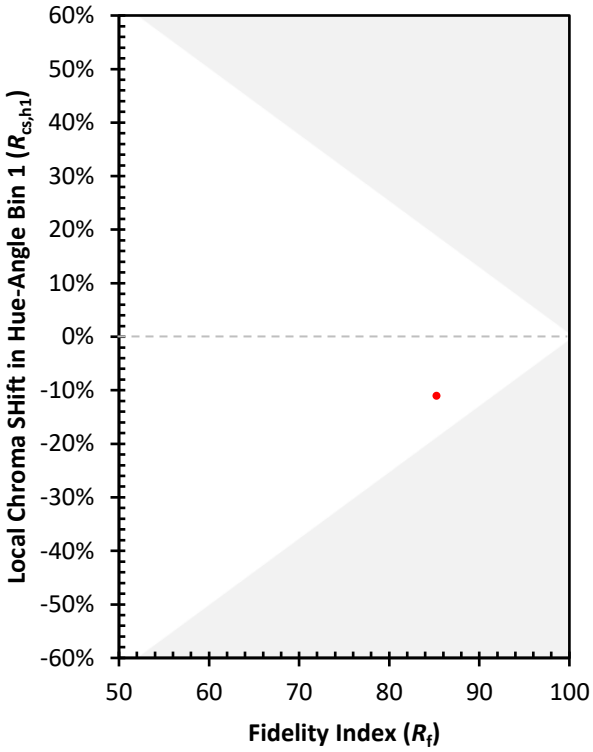


REPORT NUMBER: SP1-2512-637-1

TM-30-18

Measure Comparisons





(END OF REPORT)