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

Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: INVUE

Report Number: P1442071

Luminaire Tested: ABW-C2-830-X-U-A-GM

Issue Date: 4/23/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1442071
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-33)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	ABW-C2-830-X-U-A-GM
Description:	ARBOR OUTDOOR ARCHITECTURAL WALL MOUNT LUMINAIRE
	ASYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	751.6 lumens
Efficiency:	N/A
Efficacy:	39.6 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	19
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9905
Total Harmonic Distortion (THDi):	0.0849899
Frequency (hertz):	60
Stabilization Time:	0.5 HR
Operation Time:	3 HR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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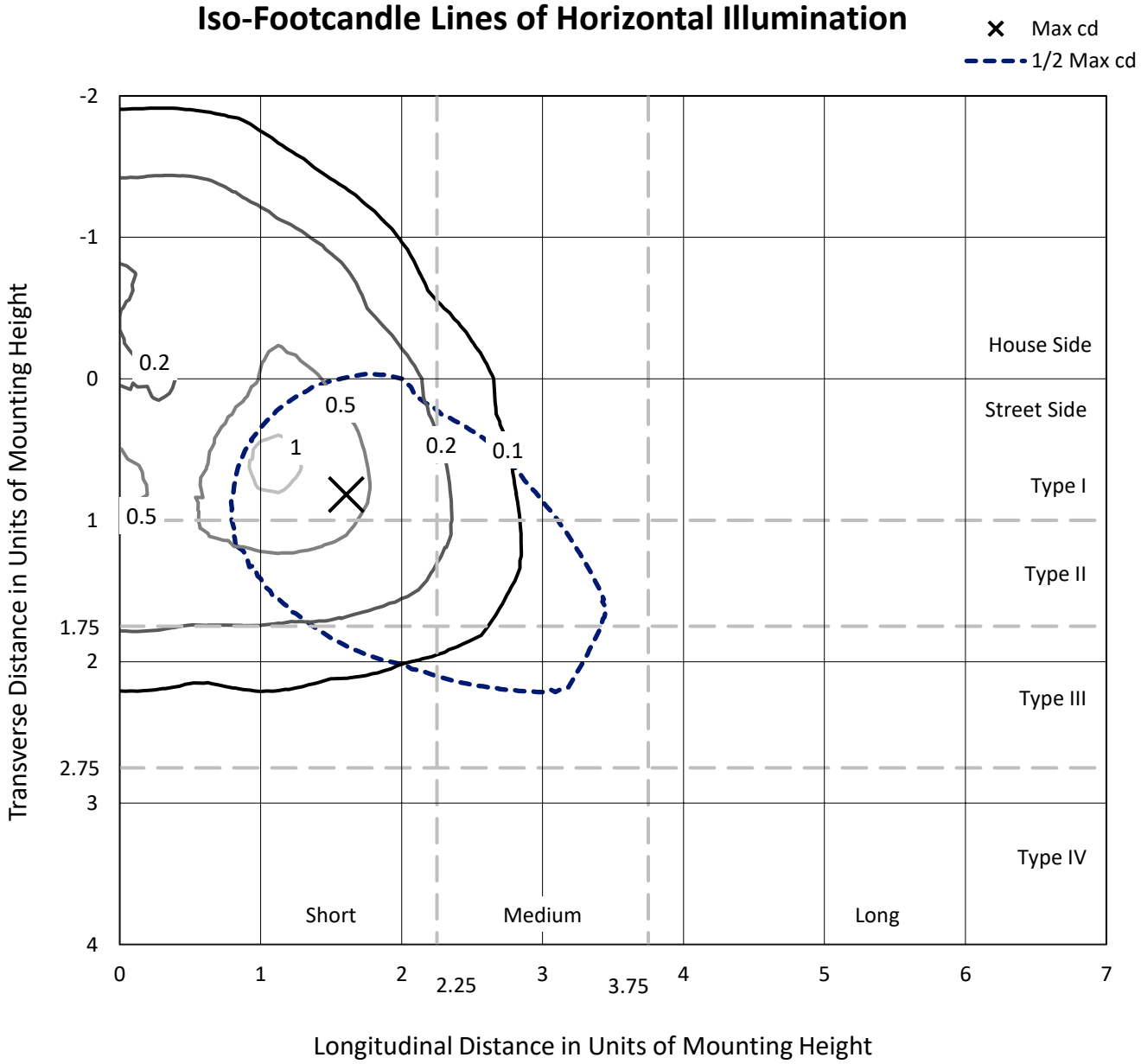
REPORT NUMBER: P1442071
CATALOG NUMBER: ABW-C2-830-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 1.1 fc
Type III - Short - N/A

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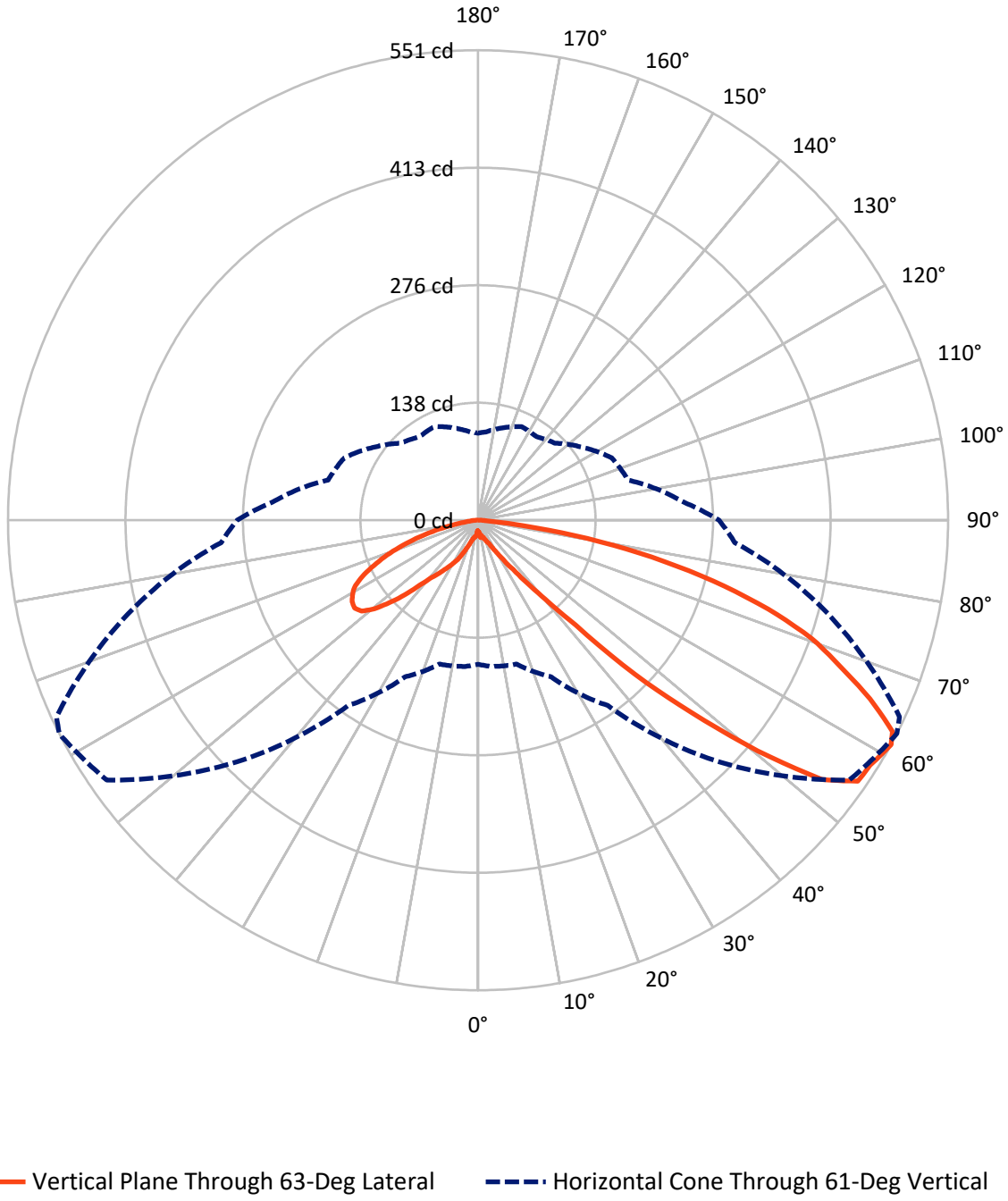
Luminous Intensity Polar Plot



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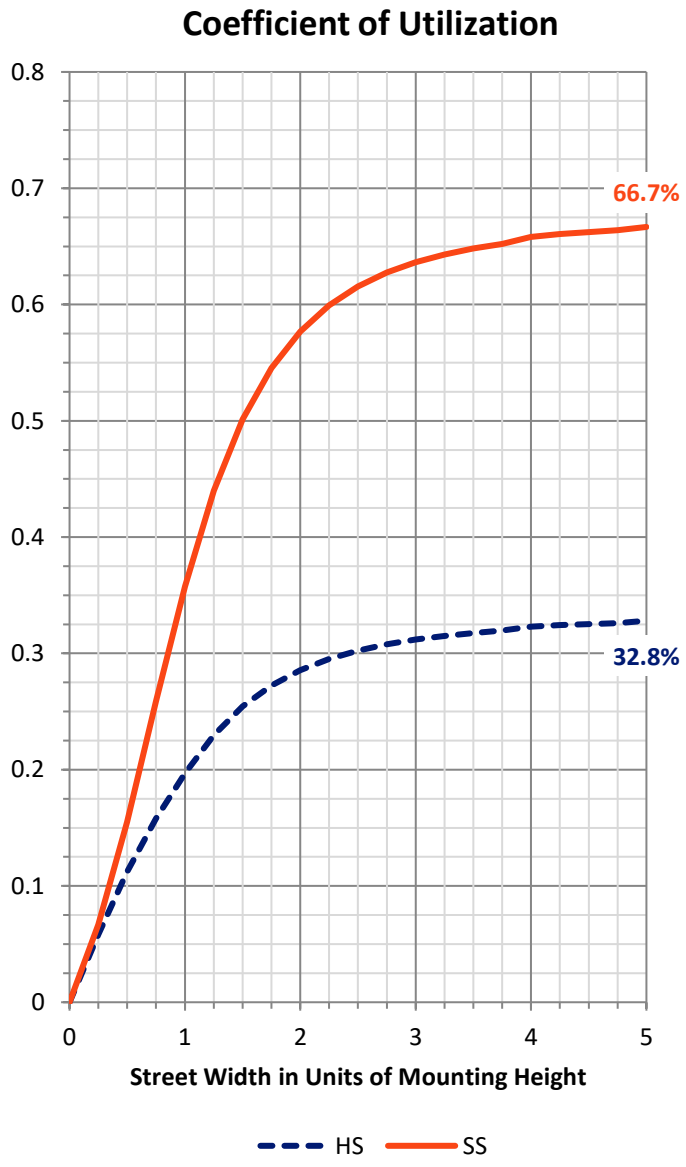
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	248.4	0.0	248.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	503.2	0.0	503.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	751.6	0.0	751.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.2
10°-20°	7.4	1.0
20°-30°	18.7	2.5
30°-40°	42.8	5.7
40°-50°	111.3	14.8
50°-60°	213.0	28.3
60°-70°	215.0	28.6
70°-80°	124.3	16.5
80°-90°	17.3	2.3
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°	751.6	100.0
0°-180°	751.6	100.0



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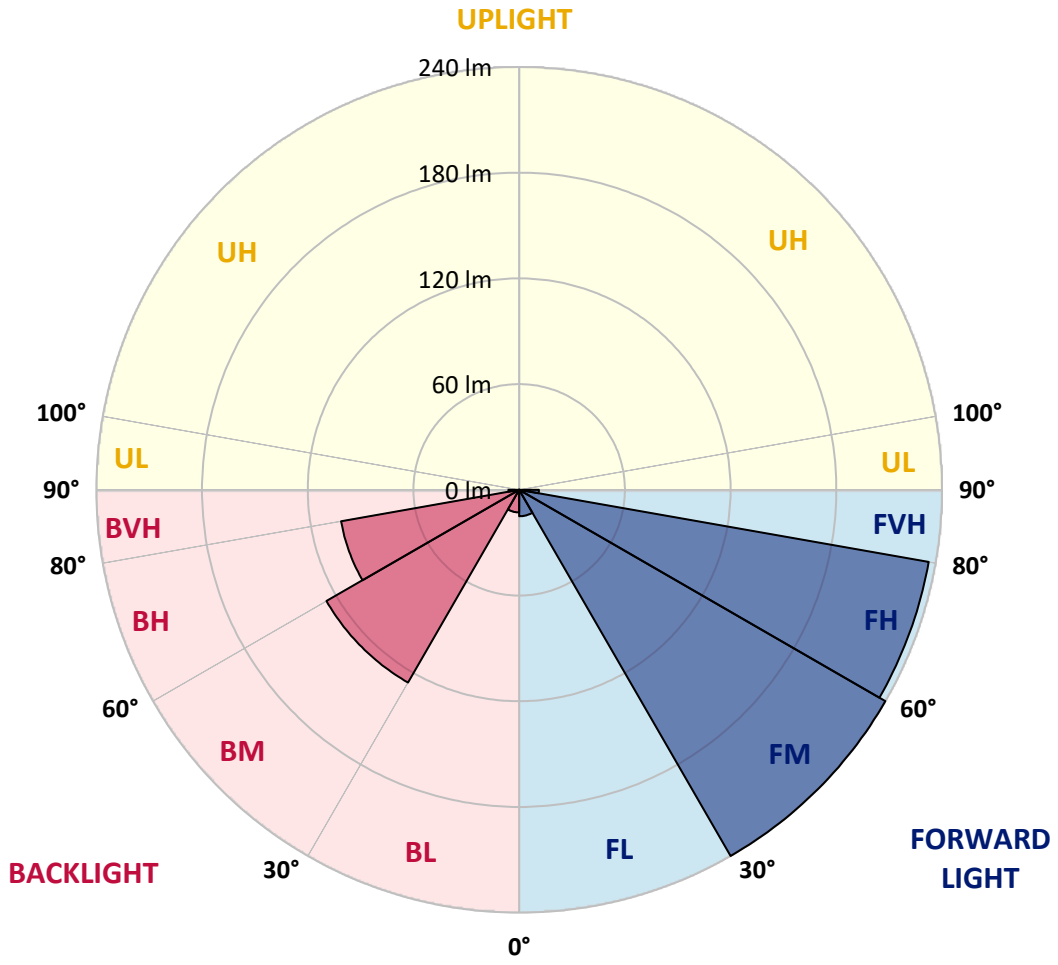
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	15.1	2.0			
FM	(30°-60°)	240.5	32.0			
FH	(60°-80°)	236.5	31.5			G0/660
FVH	(80°-90°)	11.2	1.5			G1/100
BL	(0°-30°)	12.9	1.7	B0/110		
BM	(30°-60°)	126.6	16.8	B0/220		
BH	(60°-80°)	102.8	13.7	B0/110		G0/110
BVH	(80°-90°)	6.1	0.8			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type III Short



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REPORT NUMBER: P1442071
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	13.2	13.2	13.2	13.2	13.2	13.2	13.2	*13.2*	13.2	13.2	13.2
2.5°	23.1	23.1	21.4	20.6	19.0	17.3	16.5	*15.7*	15.7	14.0	13.2
5°	28.8	28.0	24.7	20.6	20.6	17.3	14.8	*14.0*	14.0	13.2	12.4
7.5°	33.0	29.7	28.8	24.7	23.1	23.1	23.1	*19.8*	19.0	16.5	17.3
10°	31.3	31.3	31.3	27.2	26.4	25.5	23.1	*20.6*	20.6	19.0	19.0
12.5°	28.8	28.0	32.1	30.5	26.4	25.5	22.2	*18.1*	18.1	17.3	17.3
15°	29.7	31.3	35.4	34.6	32.1	27.2	23.9	*21.4*	20.6	19.8	18.1
17.5°	36.3	36.3	36.3	37.1	36.3	30.5	24.7	*21.4*	21.4	20.6	20.6
20°	42.0	42.0	41.2	40.4	40.4	32.1	27.2	*24.7*	24.7	23.1	22.2
22.5°	51.1	49.4	51.1	47.0	43.7	35.4	29.7	*28.0*	28.0	26.4	25.5
25°	62.6	64.3	56.9	49.4	46.1	37.9	32.1	*30.5*	31.3	31.3	29.7
27.5°	75.8	75.0	62.6	55.2	50.3	42.8	37.9	*37.1*	37.1	37.1	37.1
30°	82.4	84.9	72.5	62.6	56.0	50.3	45.3	*45.3*	46.1	45.3	44.5
32.5°	91.5	92.3	80.8	69.2	62.6	60.2	57.7	*56.9*	56.0	54.4	51.1
35°	100.5	101.4	91.5	75.8	71.7	72.5	72.5	*70.9*	70.9	65.1	61.8
37.5°	107.9	109.6	100.5	84.9	81.6	85.7	90.6	*93.1*	90.6	82.4	74.2
40°	114.5	117.8	109.6	94.8	93.1	104.6	116.2	*122.0*	119.5	105.5	88.2
42.5°	122.8	126.9	120.3	107.1	109.6	131.0	158.2	*168.1*	169.7	143.4	115.4
45°	141.7	144.2	144.2	131.0	139.3	185.4	239.8	*257.9*	254.6	205.2	156.6
47.5°	154.1	154.9	160.7	149.1	167.3	242.3	320.5	*337.0*	337.0	268.6	198.6
50°	171.4	172.2	182.9	178.0	208.5	313.1	402.1	*425.2*	426.8	336.2	244.7
52.5°	178.0	181.3	193.6	197.8	242.3	359.3	479.6	*505.1*	508.4	388.9	278.5
55°	180.5	185.4	195.3	205.2	261.2	393.9	528.2	*540.5*	535.6	422.7	293.3
57.5°	179.6	182.9	190.3	203.5	264.5	405.4	529.8	*542.2*	537.2	432.6	299.9
60°	173.0	176.3	180.5	203.5	266.2	404.6	529.0	*548.8*	543.8	431.0	304.1
61°	*168.9*	*172.2*	*174.7*	*202.7*	*265.3*	*401.3*	*531.5*	*551.3*	*545.5*	*425.2*	*302.4*
62.5°	161.5	164.8	166.4	202.7	260.4	390.6	529.8	*545.5*	539.7	414.5	293.3
65°	146.7	148.3	147.5	196.1	243.9	360.9	501.0	*505.1*	499.3	387.3	271.9
67.5°	126.9	127.7	128.5	184.6	225.8	326.3	456.5	*458.1*	454.8	349.4	250.5
70°	104.6	104.6	109.6	169.7	204.4	285.9	412.0	*415.3*	412.0	306.5	226.6
72.5°	81.6	82.4	90.6	146.7	176.3	241.4	356.0	*356.0*	353.5	257.1	192.8
75°	59.3	60.2	70.9	119.5	143.4	189.5	286.8	*285.1*	282.6	200.2	155.7
77.5°	41.2	40.4	50.3	87.3	105.5	136.0	214.2	*208.5*	206.8	141.7	112.9
80°	24.7	24.7	30.5	53.6	62.6	83.2	139.3	*130.2*	128.5	82.4	67.6
82.5°	15.7	14.8	15.7	23.1	22.2	35.4	64.3	*52.7*	52.7	28.0	25.5
85°	9.9	9.1	7.4	7.4	7.4	7.4	9.9	*9.1*	9.1	7.4	6.6
87.5°	7.4	7.4	6.6	5.8	5.8	5.8	6.6	*6.6*	6.6	5.8	4.9
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: P1442071
CATALOG NUMBER: ABW-C2-830-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
2.5°	13.2	13.2	12.4	12.4	12.4	13.2	13.2	14.0	14.0	14.0	14.8
5°	12.4	12.4	14.0	14.0	14.8	14.8	14.8	15.7	14.0	13.2	13.2
7.5°	17.3	18.1	17.3	19.0	18.1	17.3	17.3	17.3	18.1	16.5	14.8
10°	19.0	18.1	18.1	19.0	22.2	20.6	21.4	20.6	20.6	19.0	17.3
12.5°	17.3	18.1	19.0	19.8	21.4	25.5	23.9	23.9	23.1	20.6	19.8
15°	19.0	19.8	20.6	21.4	24.7	28.0	27.2	26.4	24.7	20.6	20.6
17.5°	21.4	21.4	23.1	23.9	28.0	31.3	31.3	28.0	25.5	22.2	21.4
20°	23.1	23.1	26.4	28.8	33.0	33.8	35.4	32.1	28.0	24.7	24.7
22.5°	24.7	24.7	29.7	34.6	37.1	37.1	39.6	33.8	29.7	26.4	25.5
25°	29.7	29.7	33.8	42.0	43.7	40.4	41.2	36.3	30.5	27.2	26.4
27.5°	35.4	37.1	42.0	51.9	48.6	44.5	43.7	38.7	31.3	28.8	28.0
30°	44.5	42.8	48.6	57.7	55.2	49.4	47.8	42.0	33.8	29.7	28.8
32.5°	53.6	52.7	57.7	64.3	61.8	54.4	51.9	44.5	36.3	31.3	29.7
35°	62.6	63.4	66.7	71.7	68.4	59.3	56.9	48.6	38.7	33.8	33.0
37.5°	73.3	75.8	75.0	80.8	75.0	65.1	61.8	52.7	42.8	38.7	37.1
40°	86.5	89.0	86.5	89.8	83.2	72.5	68.4	58.5	50.3	45.3	45.3
42.5°	109.6	111.2	105.5	104.6	95.6	83.2	79.1	70.0	61.8	56.0	56.0
45°	144.2	140.9	131.0	125.2	112.9	97.2	93.1	84.0	75.8	70.9	70.0
47.5°	179.6	170.6	157.4	145.0	128.5	113.7	107.1	100.5	90.6	84.0	84.0
50°	223.3	202.7	180.5	164.0	143.4	128.5	120.3	113.7	103.0	95.6	94.8
52.5°	253.8	223.3	193.6	178.0	154.1	135.1	126.9	123.6	111.2	103.0	101.4
55°	266.2	234.8	197.8	182.9	157.4	136.8	128.5	126.1	114.5	106.3	105.5
57.5°	272.7	239.0	193.6	181.3	154.9	134.3	125.2	124.4	115.4	106.3	106.3
60°	281.8	242.3	185.4	175.5	151.6	130.2	122.0	122.0	112.9	104.6	103.8
61°	*282.6*	*242.3*	*182.1*	*173.0*	*149.1*	*127.7*	*119.5*	*121.1*	*112.1*	*103.8*	*102.2*
62.5°	278.5	238.1	175.5	167.3	144.2	122.8	116.2	118.7	108.8	100.5	98.9
65°	264.5	226.6	161.5	152.4	131.0	112.9	107.9	111.2	102.2	93.9	93.1
67.5°	246.4	210.9	145.8	132.7	116.2	100.5	98.9	100.5	93.1	85.7	84.0
70°	220.8	191.2	128.5	112.9	100.5	87.3	87.3	89.0	83.2	75.8	74.2
72.5°	186.2	164.0	109.6	90.6	81.6	73.3	75.8	76.6	71.7	65.1	63.4
75°	146.7	131.0	85.7	68.4	62.6	58.5	61.8	61.8	57.7	52.7	51.9
77.5°	103.0	93.9	59.3	47.0	44.5	42.8	46.1	45.3	44.5	39.6	38.7
80°	58.5	53.6	33.0	27.2	28.8	28.0	30.5	29.7	29.7	26.4	25.5
82.5°	21.4	19.0	14.8	14.0	15.7	14.0	15.7	14.8	15.7	15.7	14.8
85°	6.6	6.6	7.4	7.4	8.2	7.4	7.4	7.4	7.4	9.1	9.1
87.5°	4.9	4.9	5.8	5.8	6.6	5.8	5.8	5.8	5.8	7.4	7.4
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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Peachtree City, GA 30269

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

Report Prepared for

Cooper Lighting Solutions

Invue

Report Number: SP1-2509-539-5

Test Date: 04/14/2026

Luminaire Tested: Luxscape Bollard

Data in this report applies to families of products including ;Luxscape

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

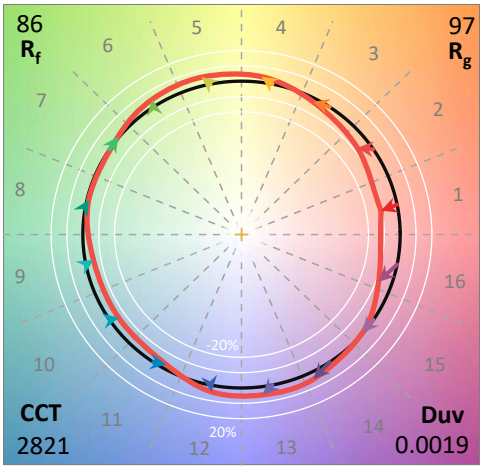
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-5
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	04/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Invue
Catalog Number:	**Luxscape Bollard**
Description:	ARB-C1-830-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	2821	CRI (Ra):	83.8		
CIE u':	0.2567	R1:	82.0	R9:	8.2
CIE v':	0.5277	R2:	90.6	R10:	79.9
Duv:	0.0019	R3:	97.7	R11:	85.5
CIE x:	0.4533	R4:	84.0	R12:	78.4
CIE y:	0.4141	R5:	82.7	R13:	83.9
CIE z:	0.1326	R6:	90.4	R14:	99.2
Peak Wavelength (nm):	607	R7:	83.6	R15:	73.1
Dominant Wavelength (nm):	583	R8:	59.4		
Purity:	60.36315				

Rf:	86.1
Rg:	97.2



Test Conditions

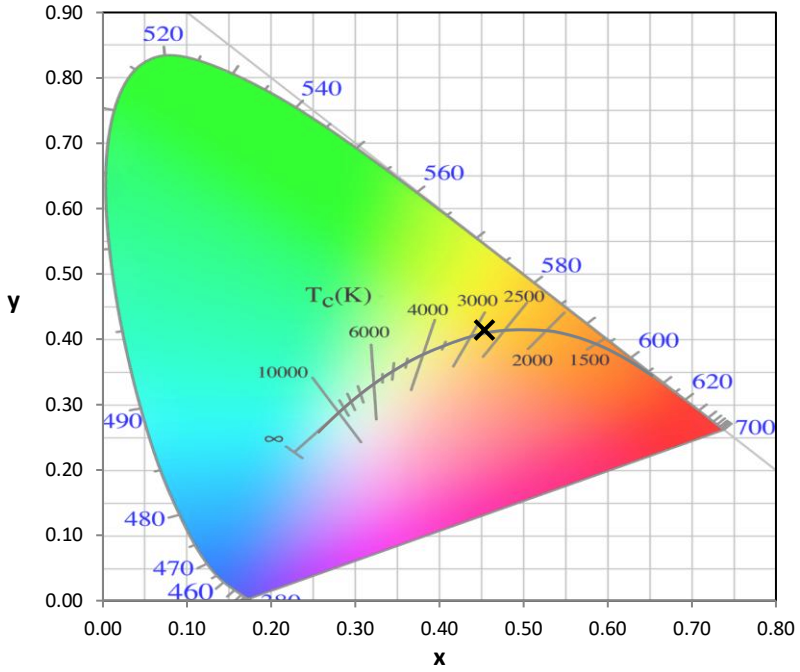
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-5

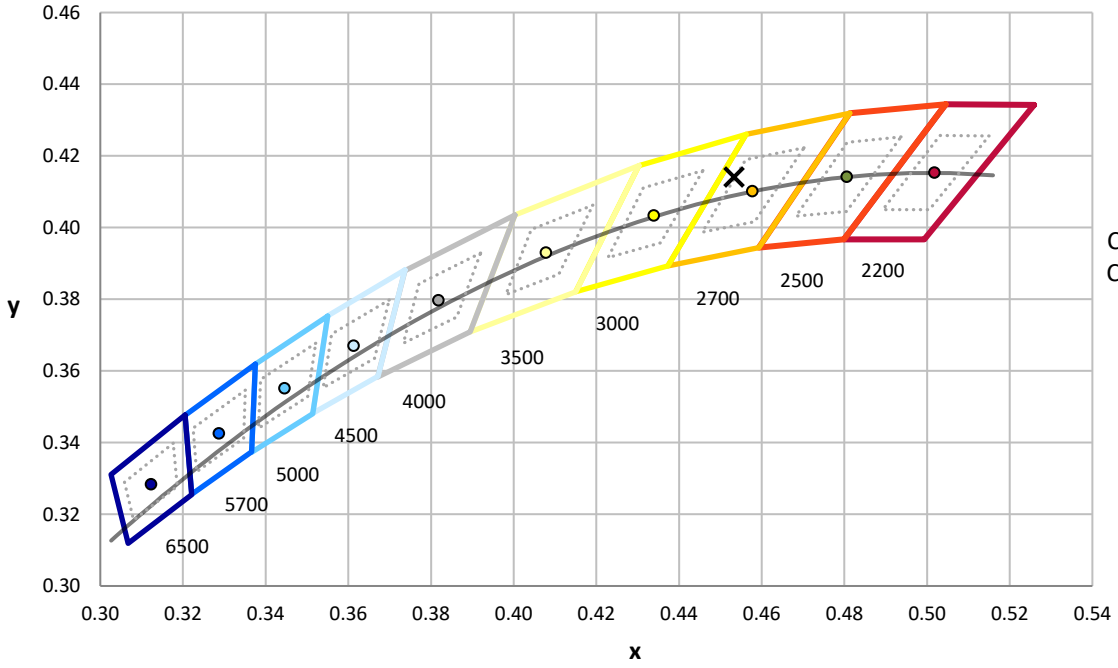
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-5

CIE 1931 Chromaticity Diagram



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

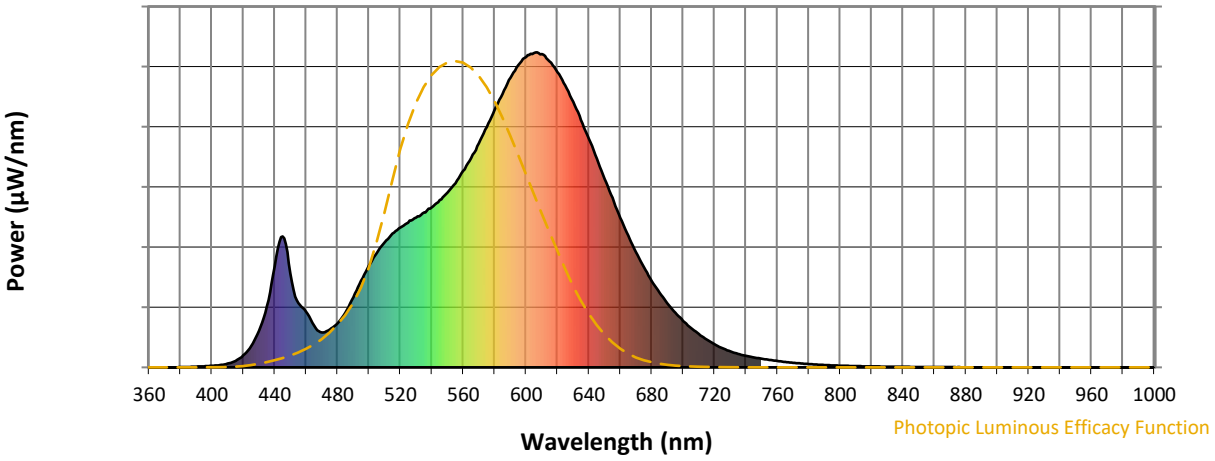


CCT = 2821K
CIE x = 0.4533
CIE y = 0.4141
Duv = 0.0019

Point lies inside the ANSI 2700K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-5

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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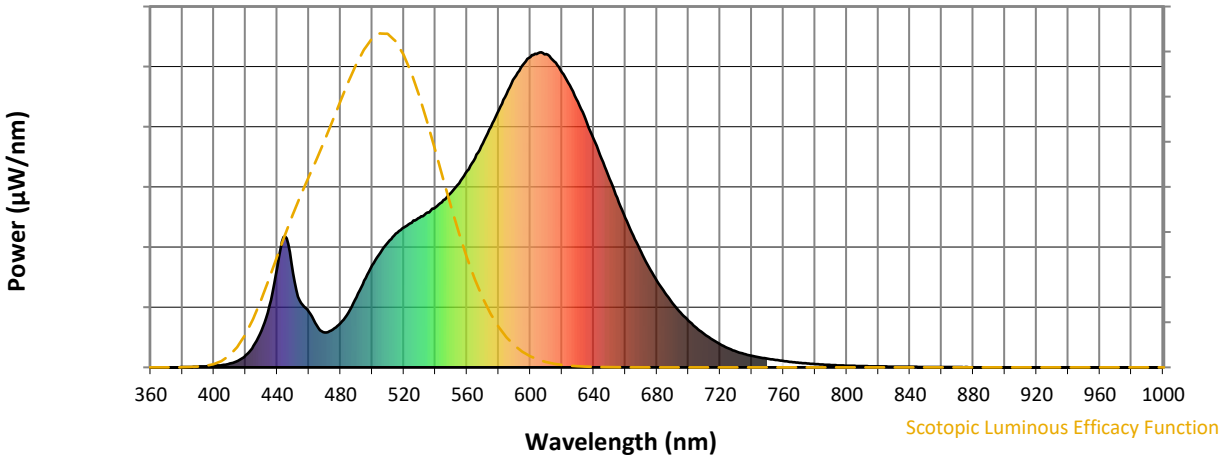
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.26**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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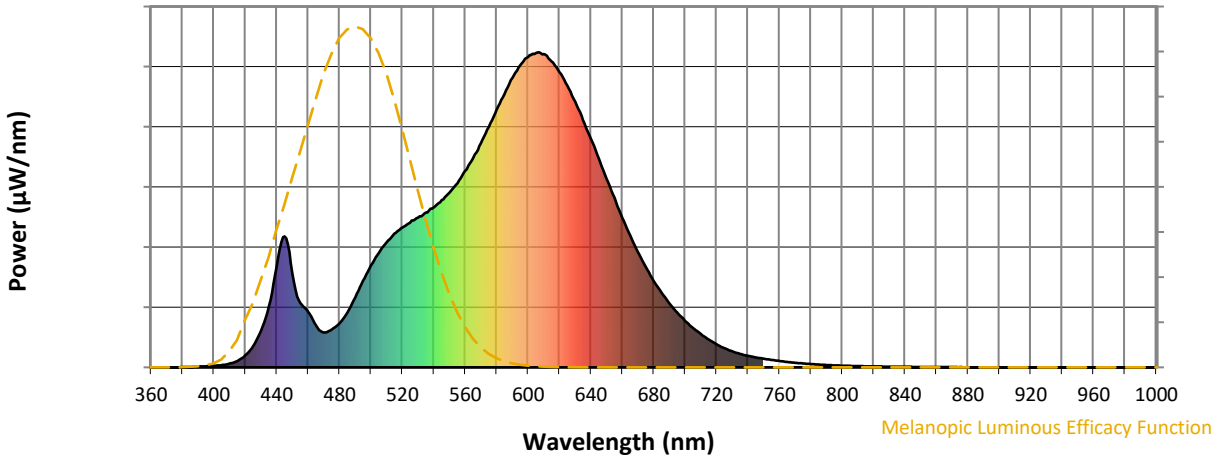
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.34**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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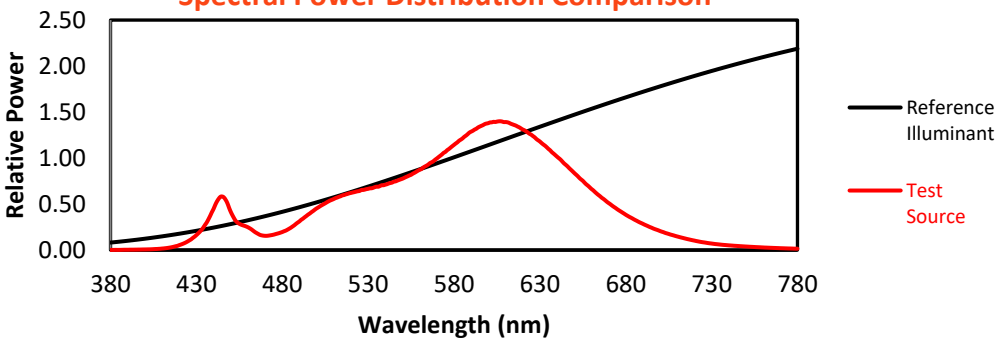
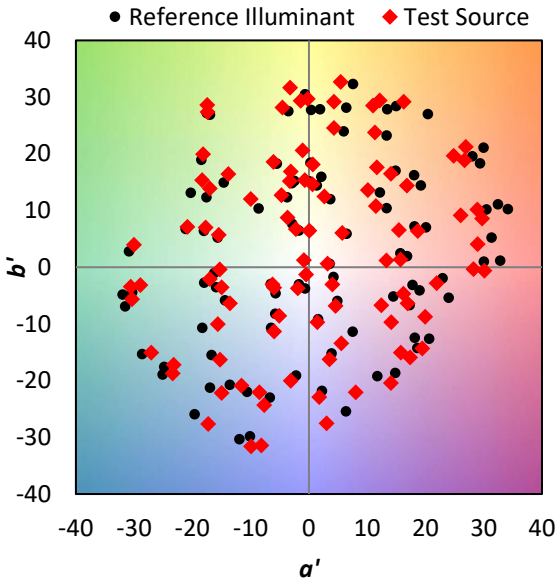
Summary

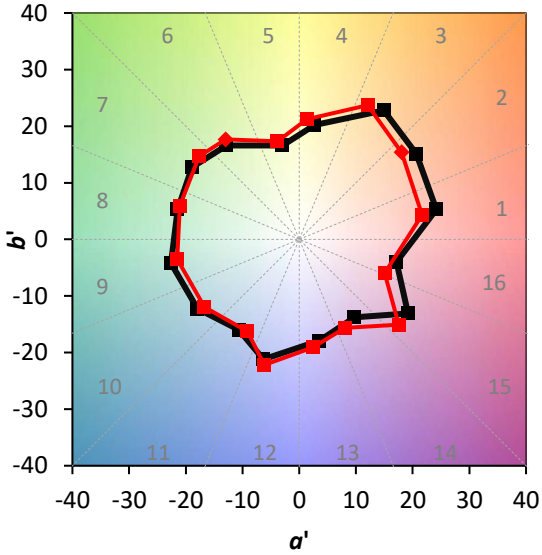
R_f = 86.1
R_g = 97.2
CIE R_a = 83.8
R_9 = 8.2

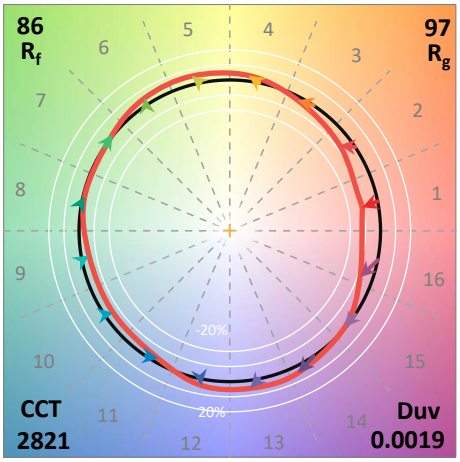
Spectral Power Distribution Comparison

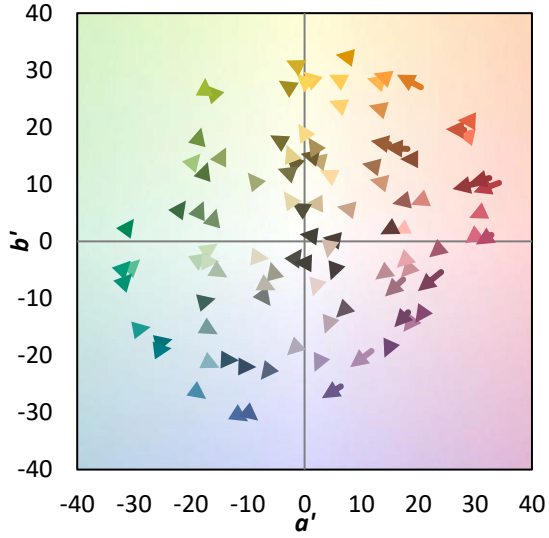


Color Vector Graphics









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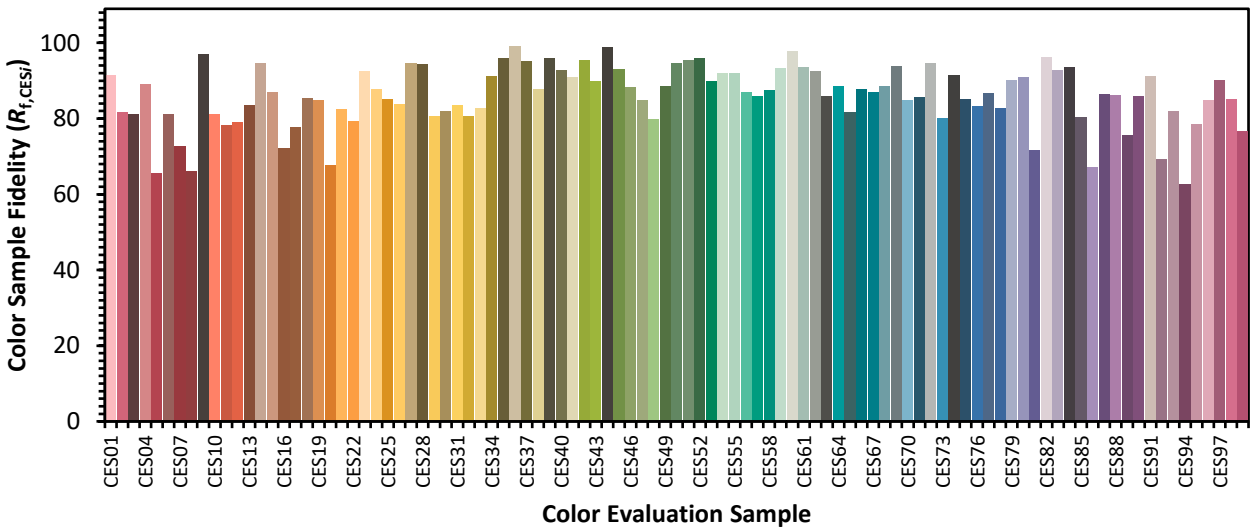
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 84	CES51 = 95	CES76 = 83
CES02 = 63	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 81	CES54 = 92	CES79 = 90
CES05 = 50	CES30 = 82	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 72
CES07 = 43	CES32 = 81	CES57 = 86	CES82 = 96
CES08 = 41	CES33 = 83	CES58 = 88	CES83 = 93
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 94
CES10 = 76	CES35 = 96	CES60 = 98	CES85 = 80
CES11 = 59	CES36 = 99	CES61 = 94	CES86 = 67
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 87
CES13 = 44	CES38 = 88	CES63 = 86	CES88 = 86
CES14 = 74	CES39 = 96	CES64 = 88	CES89 = 76
CES15 = 72	CES40 = 93	CES65 = 82	CES90 = 86
CES16 = 48	CES41 = 91	CES66 = 88	CES91 = 91
CES17 = 50	CES42 = 95	CES67 = 87	CES92 = 69
CES18 = 57	CES43 = 90	CES68 = 89	CES93 = 82
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 63
CES20 = 67	CES45 = 93	CES70 = 85	CES95 = 79
CES21 = 87	CES46 = 88	CES71 = 86	CES96 = 85
CES22 = 79	CES47 = 85	CES72 = 95	CES97 = 90
CES23 = 92	CES48 = 80	CES73 = 80	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 91	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 85	



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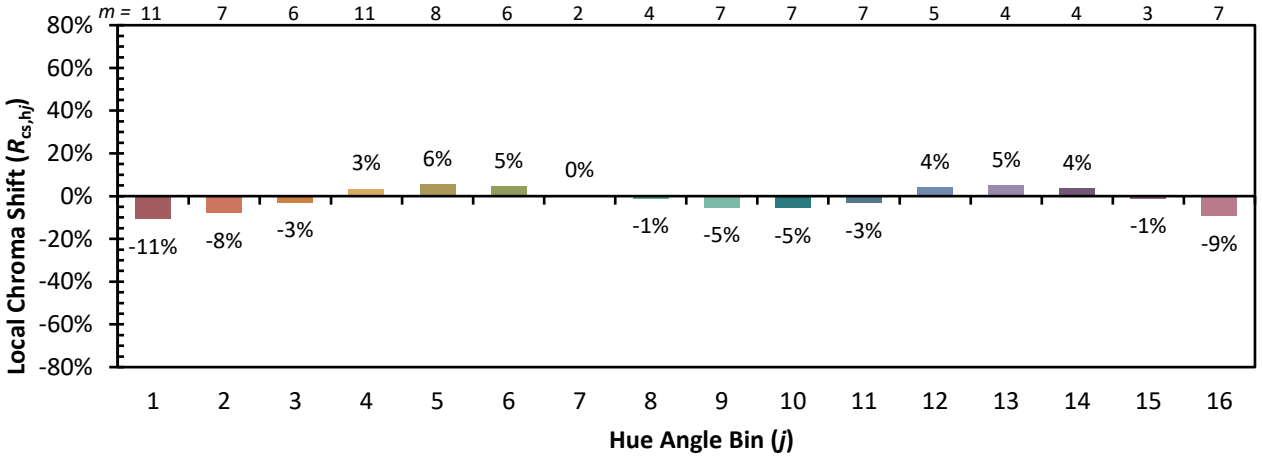
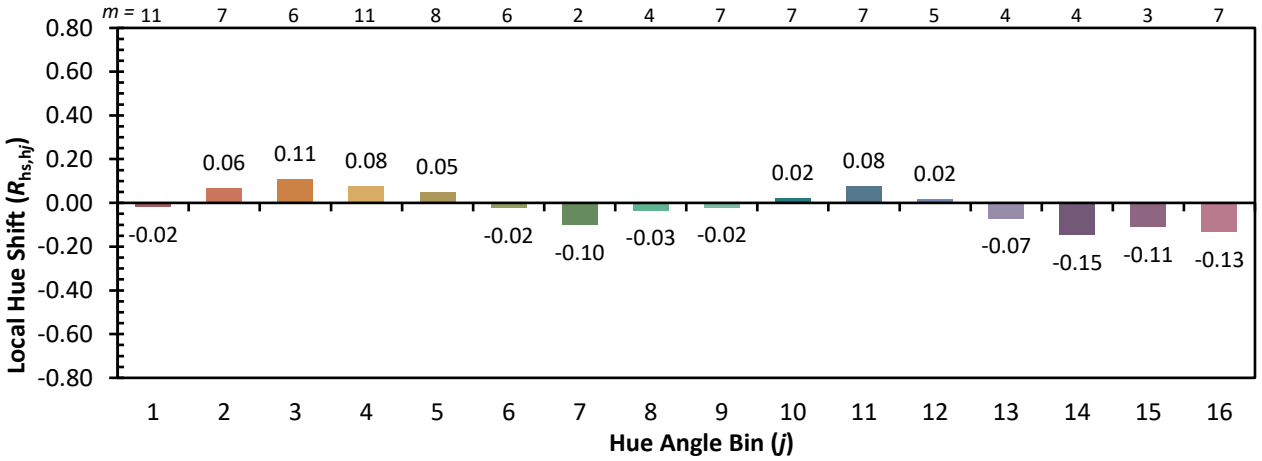
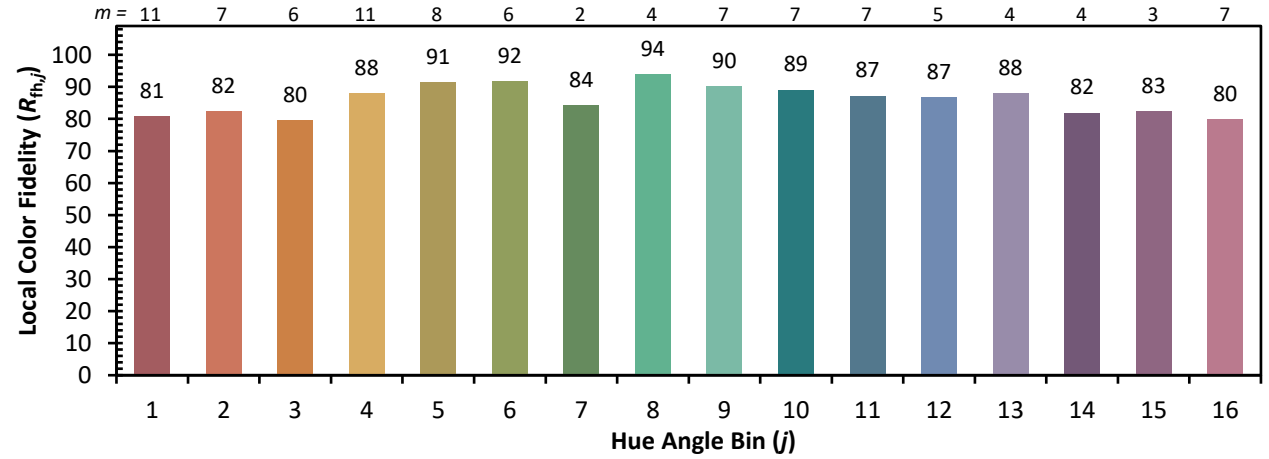
Color Rendition by Hue-Angle Bin







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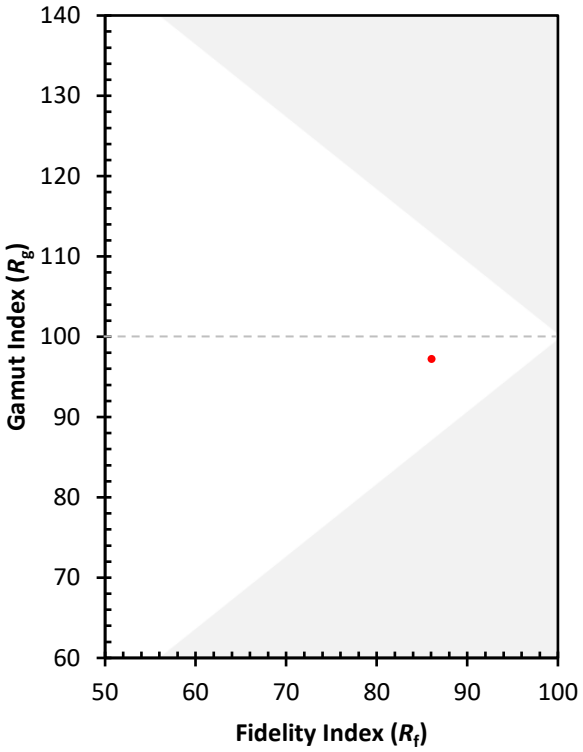
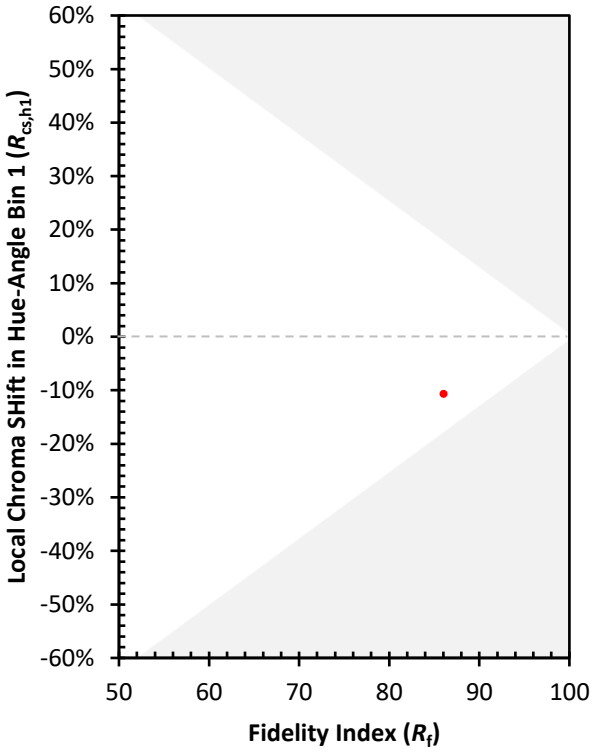
Measure Comparisons





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