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: P1442096

Luminaire Tested: LXB-C1-830-X-U-S-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:	P1442096
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-25)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C1-830-X-U-S-GM
Description:	LuxeScape OUTDOOR ARCHITECTURAL BOLLARD LUMINAIRE
	SYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	767.7 lumens
Efficiency:	N/A
Efficacy:	49.5 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	15.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9882
Total Harmonic Distortion (THDi):	0.0873224
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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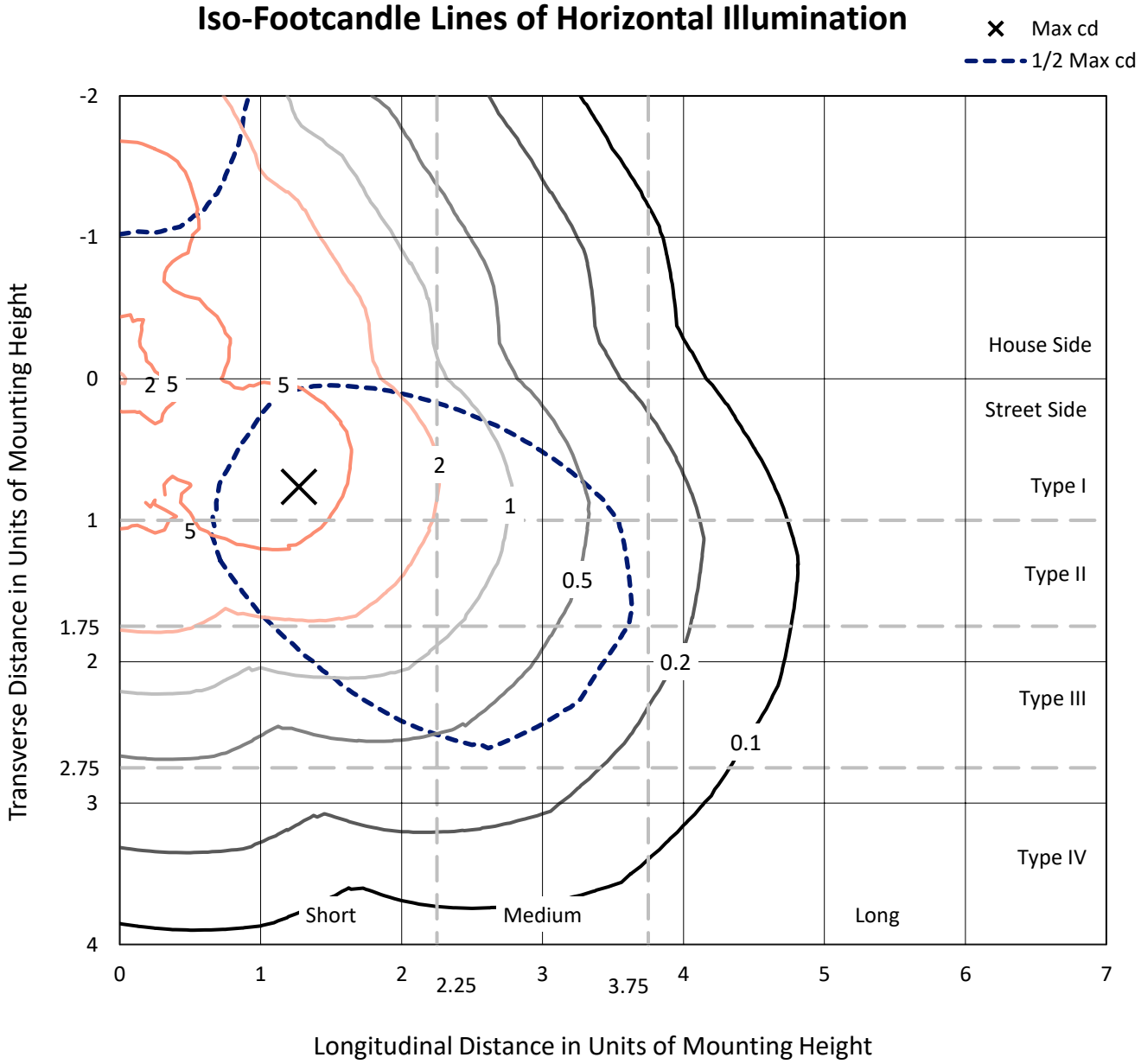
REPORT NUMBER: P1442096
CATALOG NUMBER: LXB-C1-830-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 9.2 fc
Type III - Short - N/A

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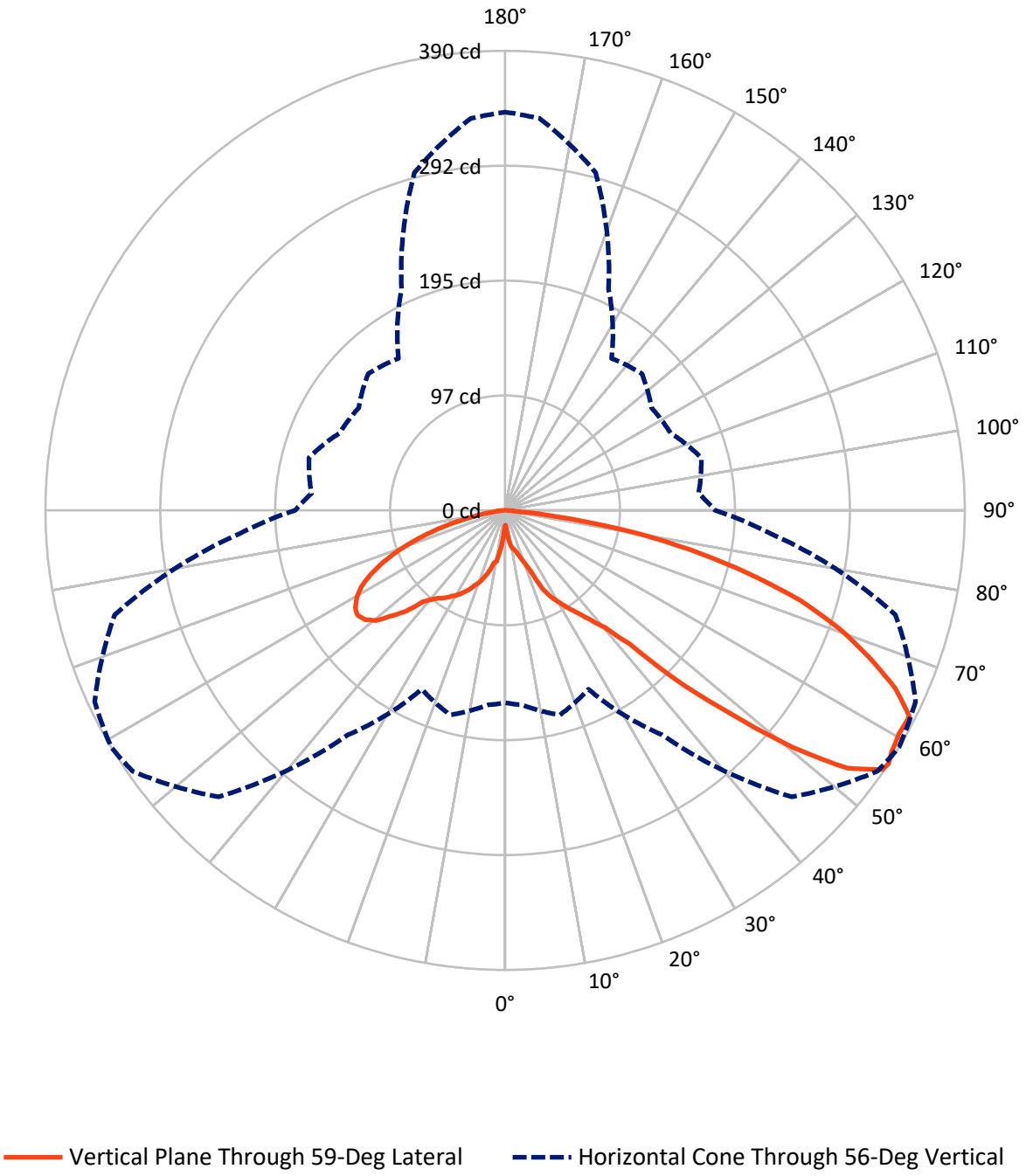
Luminous Intensity Polar Plot



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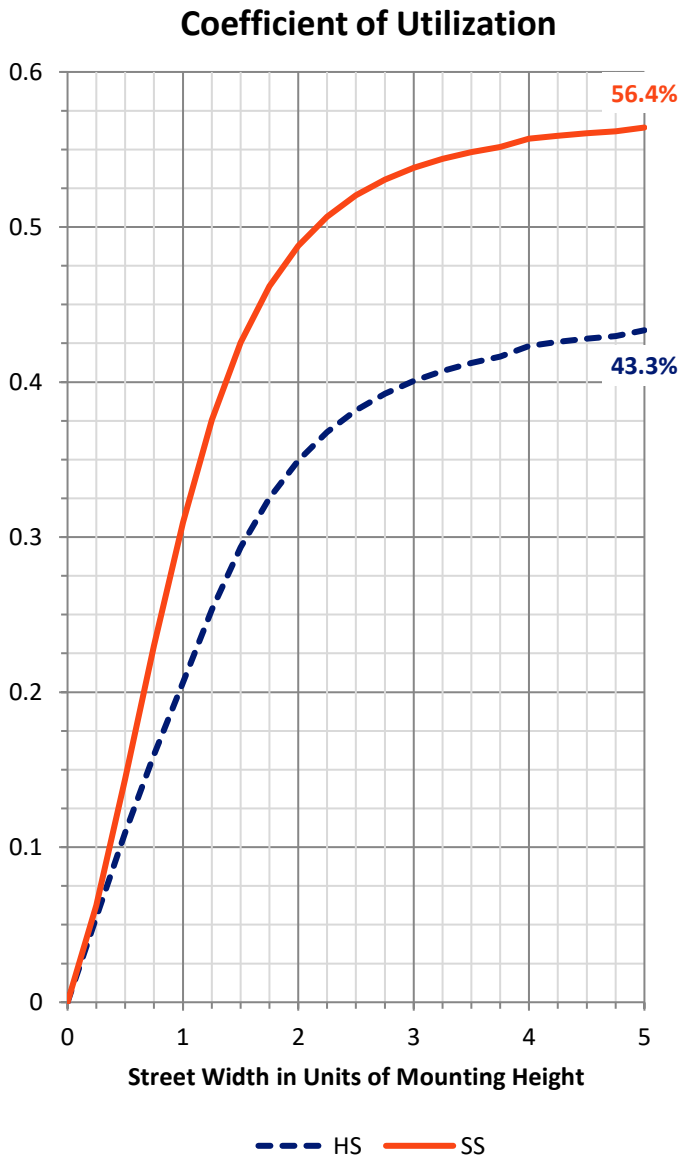
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	333.3	0.0	333.3
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	434.4	0.0	434.4
	% Fixture	56.6	0.0	56.6
Total	Lumens	767.7	0.0	767.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.4
10°-20°	13.6	1.8
20°-30°	32.1	4.2
30°-40°	58.2	7.6
40°-50°	115.3	15.0
50°-60°	203.8	26.5
60°-70°	205.0	26.7
70°-80°	120.7	15.7
80°-90°	16.3	2.1
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°	767.7	100.0
0°-180°	767.7	100.0



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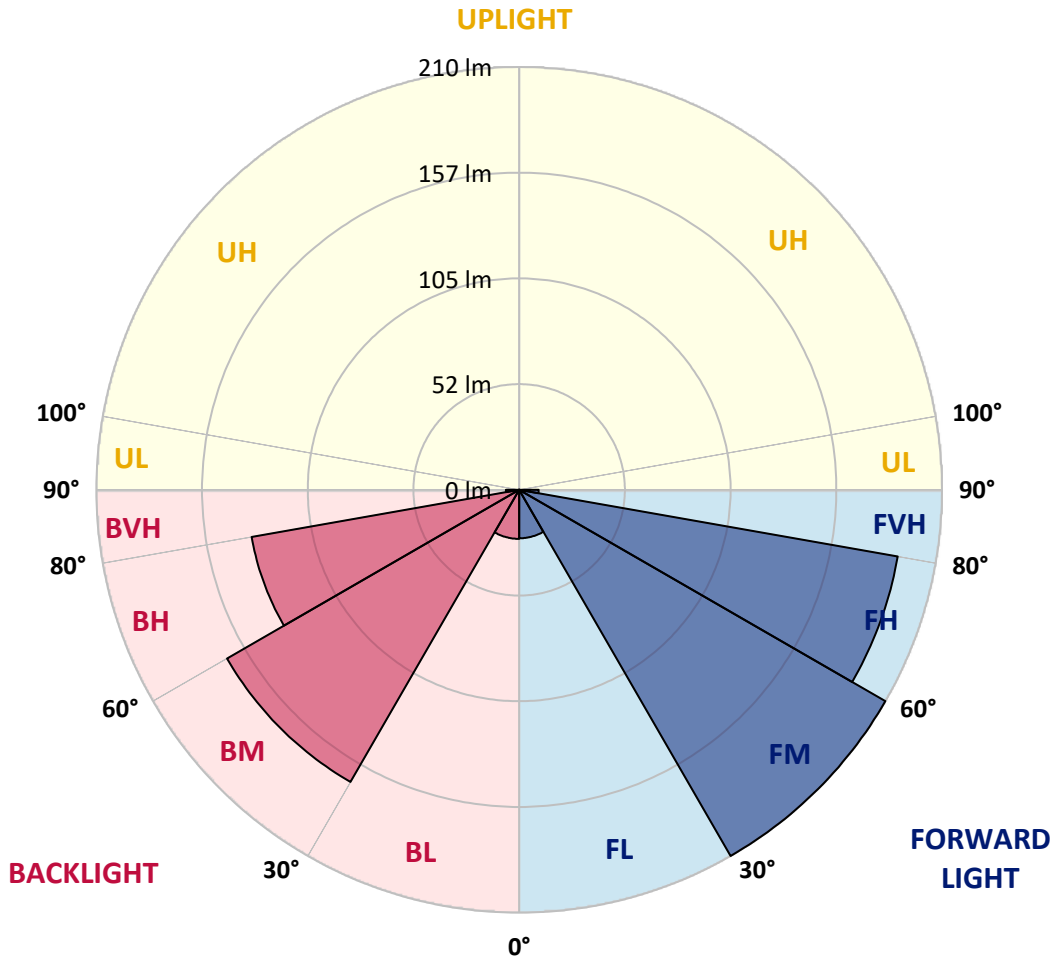
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	24.0	3.1			
FM	(30°-60°)	209.9	27.3			
FH	(60°-80°)	190.8	24.9			G0/660
FVH	(80°-90°)	9.7	1.3			G0/10
BL	(0°-30°)	24.4	3.2	B0/110		
BM	(30°-60°)	167.4	21.8	B0/220		
BH	(60°-80°)	134.9	17.6	B1/500		G1/500
BVH	(80°-90°)	6.6	0.9			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 III Short



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REPORT NUMBER: P1442096
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	*12.4*	12.4	12.4	12.4
2.5°	17.3	16.5	15.7	15.7	14.8	14.8	14.0	*14.0*	14.0	14.8	16.5
5°	28.0	28.0	23.9	21.4	21.4	21.4	21.4	*20.6*	21.4	21.4	23.9
7.5°	38.7	35.4	36.3	33.0	31.3	30.5	28.8	*28.0*	27.2	29.7	33.0
10°	42.0	42.0	42.8	42.8	37.9	33.8	33.0	*32.1*	32.1	33.0	35.4
12.5°	45.3	47.8	48.6	47.8	42.8	37.1	34.6	*33.8*	33.8	37.1	41.2
15°	55.2	52.7	54.4	51.9	48.6	41.2	37.9	*37.1*	37.9	41.2	45.3
17.5°	61.8	62.6	59.3	54.4	51.1	46.1	42.8	*42.0*	41.2	43.7	51.1
20°	67.6	67.6	65.1	59.3	55.2	49.4	47.8	*47.8*	47.8	48.6	52.7
22.5°	73.3	73.3	70.9	64.3	59.3	53.6	54.4	*56.0*	53.6	53.6	57.7
25°	78.3	78.3	75.0	68.4	65.1	63.4	70.0	*73.3*	69.2	62.6	64.3
27.5°	84.0	83.2	80.8	73.3	70.9	74.2	81.6	*83.2*	82.4	72.5	70.9
30°	87.3	87.3	85.7	79.1	76.6	82.4	89.8	*90.6*	89.8	82.4	75.0
32.5°	91.5	90.6	89.8	82.4	81.6	89.8	98.1	*98.9*	98.1	90.6	80.8
35°	95.6	93.9	93.9	86.5	85.7	98.9	105.5	*107.1*	106.3	98.1	85.7
37.5°	100.5	98.1	98.1	90.6	93.1	108.8	116.2	*117.8*	116.2	107.1	92.3
40°	106.3	103.0	102.2	95.6	99.7	121.1	129.4	*131.0*	128.5	119.5	98.9
42.5°	114.5	110.4	112.1	103.8	112.9	141.7	154.1	*154.9*	150.8	140.1	112.1
45°	131.8	128.5	135.1	125.2	139.3	187.0	206.0	*209.3*	203.5	182.1	138.4
47.5°	143.4	140.9	148.3	138.4	163.2	230.7	253.0	*257.9*	248.8	227.4	163.2
50°	155.7	155.7	166.4	156.6	196.9	283.5	310.6	*315.6*	309.0	285.9	194.5
52.5°	160.7	162.3	177.2	166.4	219.2	318.9	357.6	*363.4*	357.6	320.5	214.2
55°	163.2	165.6	180.5	168.1	229.9	339.5	383.2	*388.1*	381.5	339.5	223.3
56°	*163.2*	*165.6*	*179.6*	*167.3*	*232.4*	*343.6*	*385.6*	*389.8*	*384.0*	*342.8*	*225.8*
57.5°	160.7	164.8	177.2	164.8	233.2	346.1	386.5	*386.5*	384.8	346.1	228.2
60°	154.1	159.0	169.7	157.4	231.5	344.4	383.2	*384.0*	383.2	346.9	228.2
62.5°	145.0	150.0	161.5	149.1	226.6	337.0	382.3	*384.8*	382.3	339.5	221.7
65°	131.8	137.6	147.5	136.0	214.2	323.0	362.6	*363.4*	361.7	322.2	208.5
67.5°	117.0	122.0	131.8	121.1	199.4	301.6	334.5	*332.9*	332.9	297.5	192.0
70°	99.7	104.6	113.7	103.8	180.5	271.9	300.8	*300.8*	300.8	267.8	170.6
72.5°	79.9	84.9	93.9	85.7	156.6	234.8	260.4	*262.0*	262.0	230.7	145.0
75°	60.2	64.3	71.7	66.7	126.9	192.0	212.6	*212.6*	215.1	188.7	115.4
77.5°	40.4	43.7	49.4	47.0	93.9	147.5	161.5	*159.9*	164.0	142.6	83.2
80°	23.1	25.5	28.8	28.0	57.7	95.6	104.6	*105.5*	107.9	90.6	48.6
82.5°	11.5	12.4	14.0	13.2	23.9	42.0	47.0	*44.5*	50.3	37.1	18.1
85°	4.9	4.9	5.8	3.3	5.8	7.4	8.2	*7.4*	8.2	7.4	4.9
87.5°	3.3	4.1	4.1	1.6	4.1	4.9	5.8	*5.8*	5.8	4.9	3.3
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: P1442096
CATALOG NUMBER: LXB-C1-830-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
2.5°	15.7	16.5	17.3	14.8	15.7	16.5	16.5	15.7	15.7	14.8	14.8
5°	23.9	23.9	24.7	26.4	24.7	23.9	23.9	22.2	23.9	20.6	20.6
7.5°	30.5	31.3	33.8	34.6	33.8	37.1	33.8	32.1	32.1	30.5	30.5
10°	36.3	37.9	41.2	42.0	45.3	42.0	41.2	37.1	36.3	34.6	34.6
12.5°	42.8	43.7	44.5	46.1	45.3	46.1	45.3	41.2	37.1	34.6	34.6
15°	47.8	48.6	51.1	54.4	51.9	51.1	51.1	47.8	42.8	37.9	37.1
17.5°	51.1	54.4	56.9	59.3	58.5	56.9	54.4	51.9	44.5	42.0	41.2
20°	55.2	57.7	64.3	65.1	64.3	61.8	59.3	54.4	48.6	46.1	46.1
22.5°	59.3	63.4	69.2	70.0	67.6	65.9	65.1	58.5	53.6	51.1	52.7
25°	65.1	67.6	72.5	73.3	74.2	70.0	70.0	64.3	61.0	63.4	65.1
27.5°	70.0	72.5	77.5	78.3	78.3	74.2	73.3	70.0	70.0	72.5	75.0
30°	75.8	76.6	82.4	82.4	82.4	78.3	76.6	74.2	75.8	79.9	82.4
32.5°	79.1	81.6	85.7	87.3	84.9	82.4	80.8	79.1	82.4	88.2	89.8
35°	82.4	84.9	89.0	91.5	89.0	87.3	84.0	83.2	89.8	95.6	97.2
37.5°	87.3	89.0	93.1	94.8	92.3	91.5	87.3	89.0	99.7	104.6	107.9
40°	91.5	93.1	97.2	98.9	97.2	96.4	91.5	95.6	110.4	117.0	119.5
42.5°	99.7	101.4	106.3	104.6	103.8	103.8	98.1	106.3	127.7	133.5	138.4
45°	121.1	122.0	127.7	120.3	119.5	123.6	117.0	131.0	166.4	175.5	184.6
47.5°	136.0	133.5	141.7	131.8	130.2	134.3	127.7	149.1	203.5	211.8	224.1
50°	157.4	152.4	159.0	145.8	142.6	151.6	145.8	180.5	248.8	263.7	272.7
52.5°	170.6	164.0	170.6	152.4	149.1	161.5	154.9	196.9	273.6	298.3	309.0
55°	177.2	165.6	173.9	154.9	152.4	165.6	157.4	206.0	292.5	328.8	336.2
56°	*178.0*	*164.8*	*172.2*	*154.9*	*151.6*	*164.0*	*157.4*	*207.6*	*296.6*	*333.7*	*337.8*
57.5°	176.3	161.5	169.7	153.3	150.0	161.5	154.9	209.3	299.1	334.5	337.0
60°	172.2	156.6	164.0	148.3	144.2	155.7	149.1	208.5	298.3	332.1	333.7
62.5°	165.6	148.3	156.6	140.1	136.8	148.3	140.9	204.4	293.3	330.4	333.7
65°	154.1	136.8	143.4	128.5	124.4	135.1	129.4	192.0	279.3	317.2	318.9
67.5°	139.3	122.0	127.7	114.5	110.4	121.1	115.4	176.3	258.7	292.5	290.0
70°	123.6	105.5	110.4	98.1	93.9	104.6	98.9	157.4	232.4	262.0	257.9
72.5°	104.6	87.3	91.5	79.9	75.8	85.7	82.4	135.1	201.9	227.4	224.1
75°	84.0	68.4	70.0	60.2	57.7	65.9	64.3	107.9	163.2	183.8	181.3
77.5°	61.0	48.6	48.6	41.2	38.7	46.1	45.3	78.3	120.3	136.0	131.8
80°	37.1	29.7	28.8	24.7	23.1	28.0	27.2	47.0	74.2	84.9	79.9
82.5°	16.5	14.8	14.0	12.4	11.5	13.2	12.4	19.0	29.7	36.3	30.5
85°	4.1	4.9	5.8	5.8	5.8	5.8	4.1	5.8	7.4	8.2	8.2
87.5°	2.5	2.5	4.1	4.1	4.1	4.1	2.5	4.1	5.8	6.6	6.6
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

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

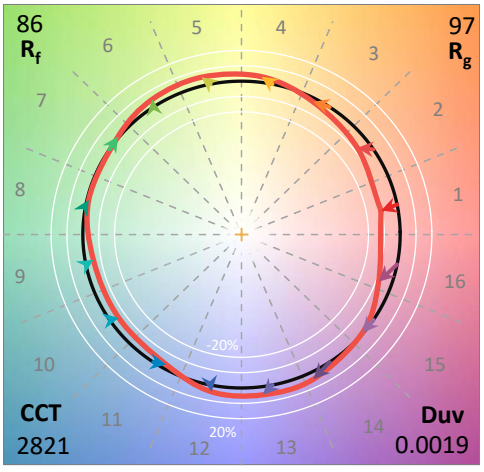
Test Information

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

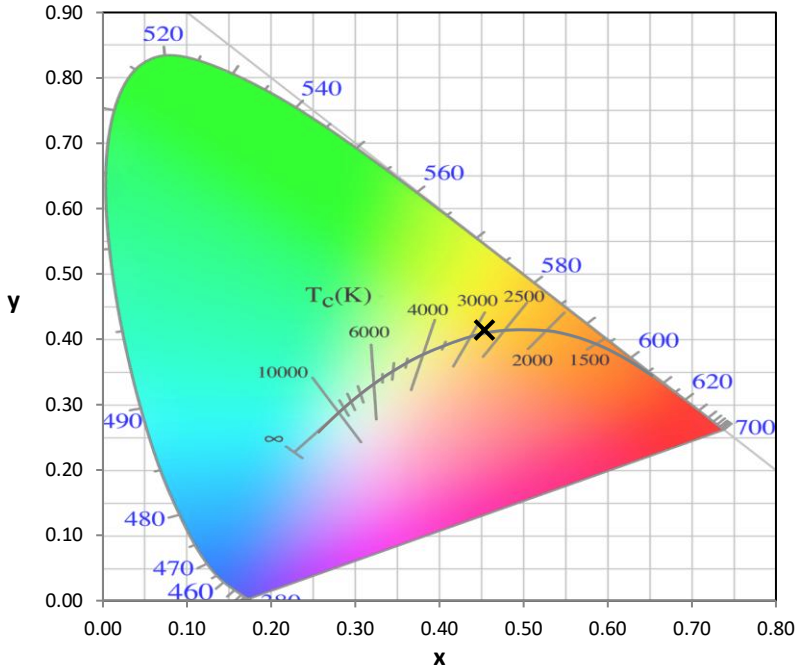
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-5

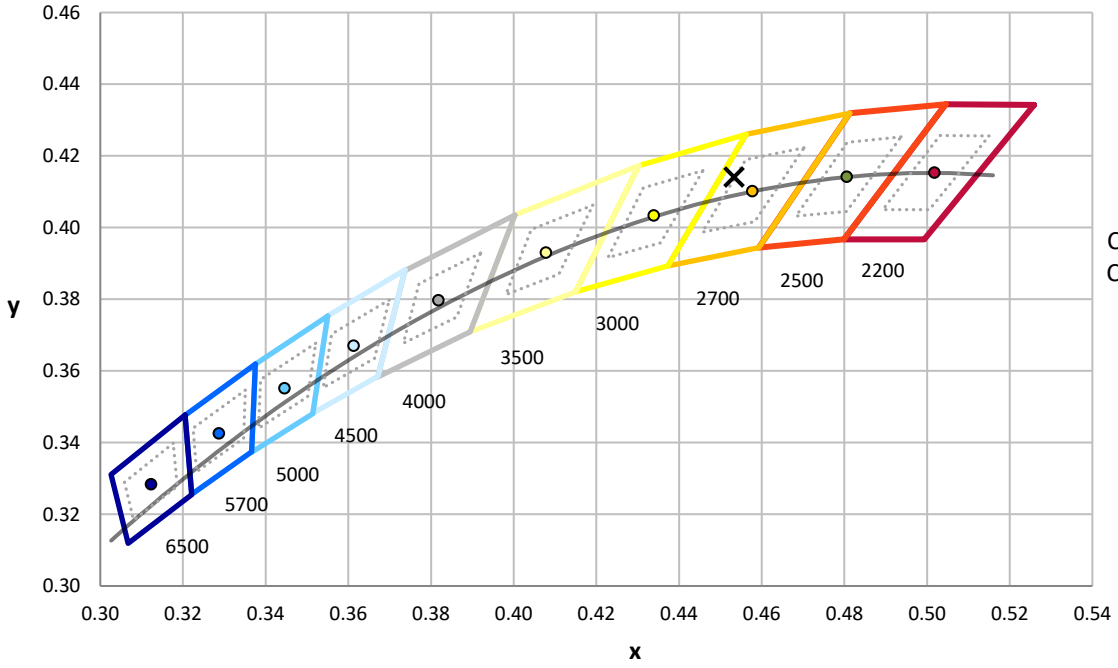
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

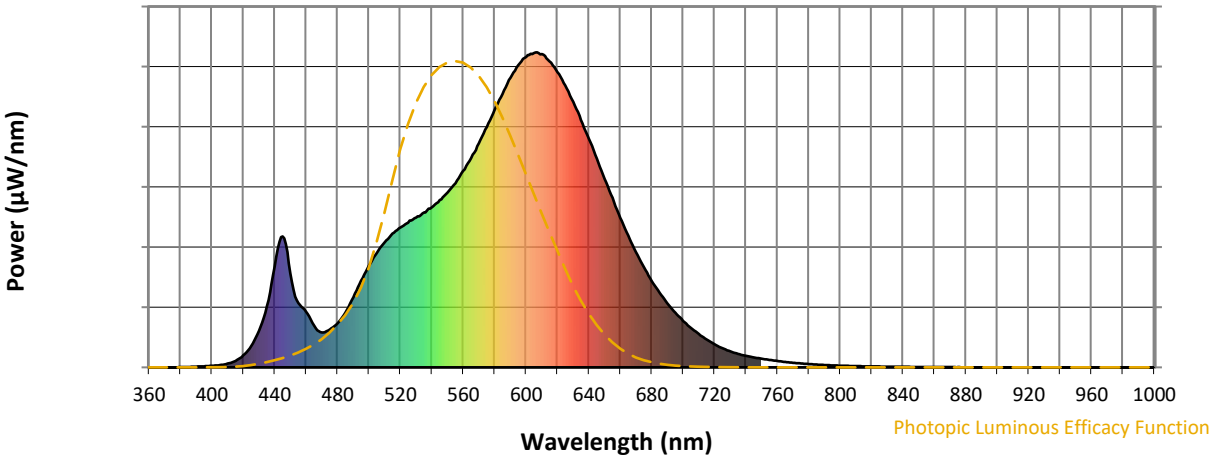


CCT = 2821K
CIE x = 0.4533
CIE y = 0.4141
Duv = 0.0019

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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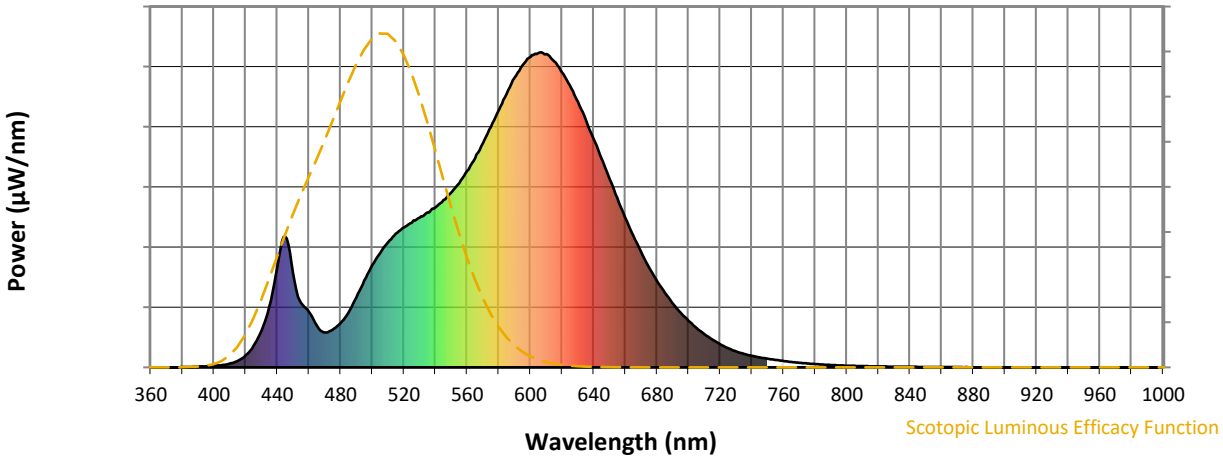
Scotopic Flux vs. Wavelength



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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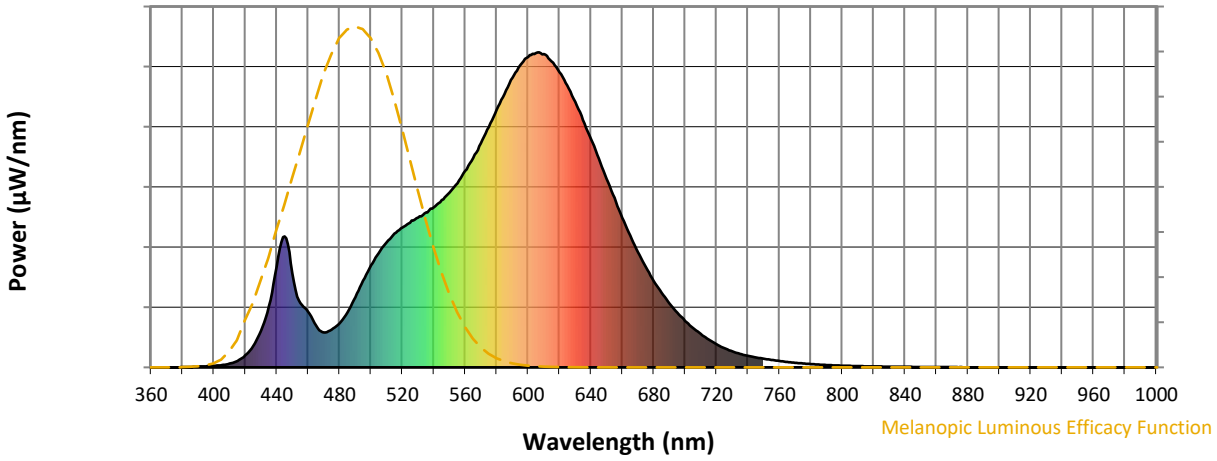
Melanopic Flux vs. Wavelength



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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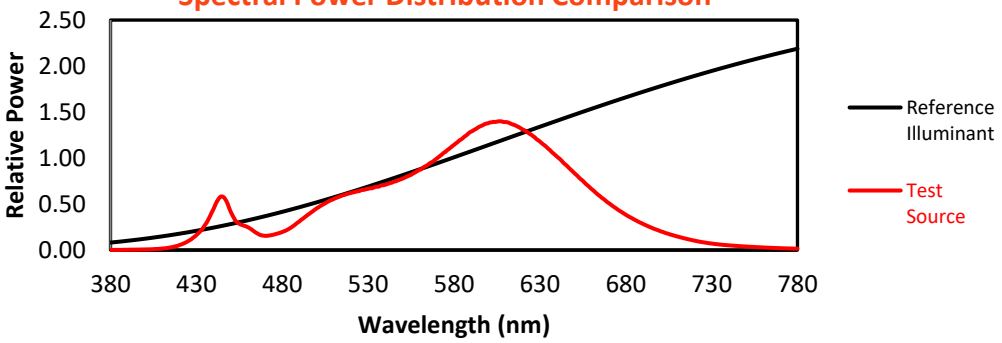
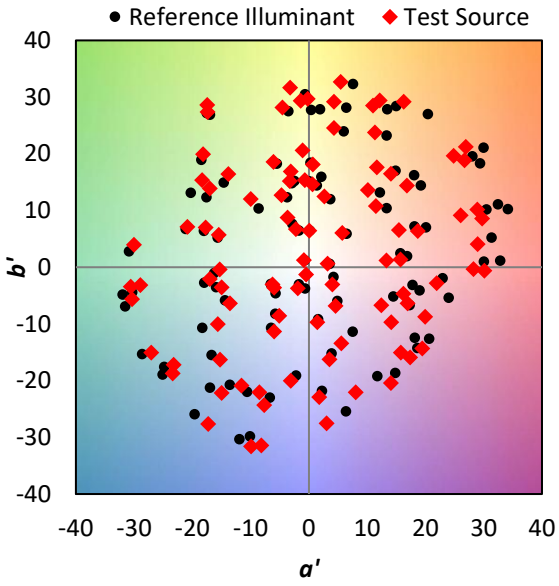
Summary

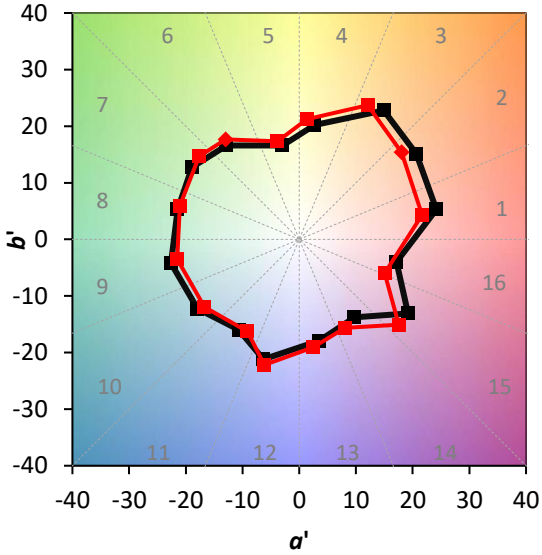
R_f = 86.1
R_g = 97.2
CIE R_a = 83.8
R_9 = 8.2

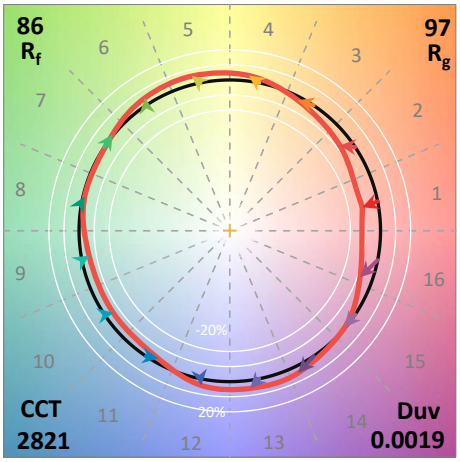
Spectral Power Distribution Comparison

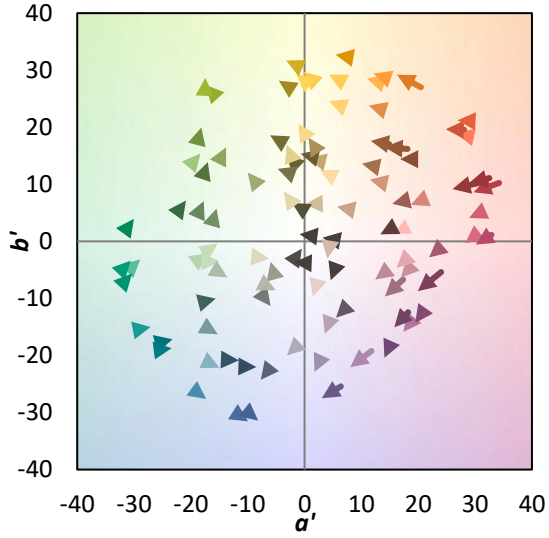


Color Vector Graphics









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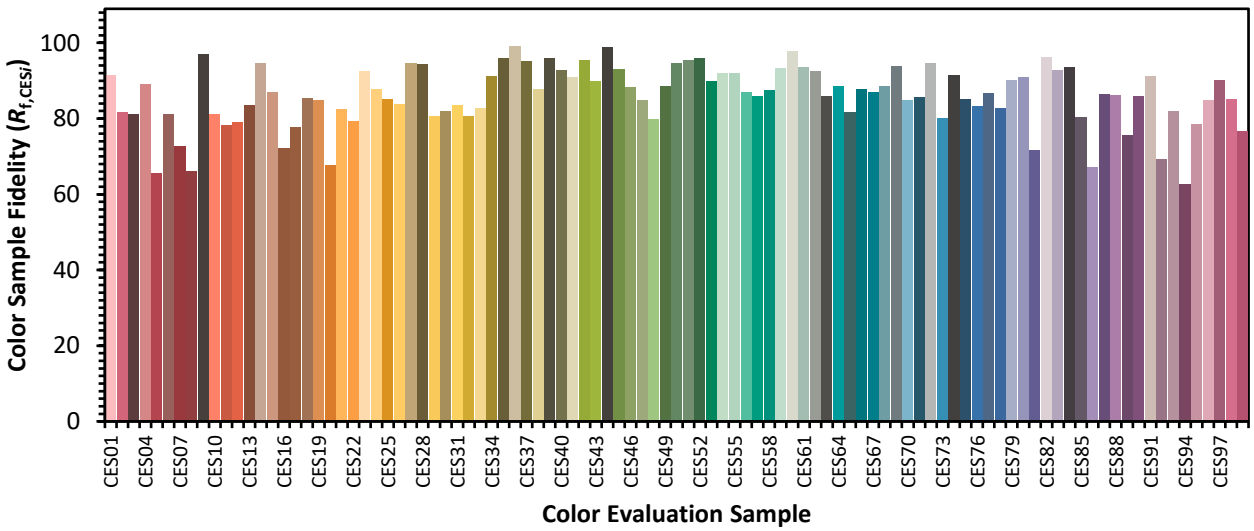
Individual Sample Fidelity Index ($R_{f,i}$)

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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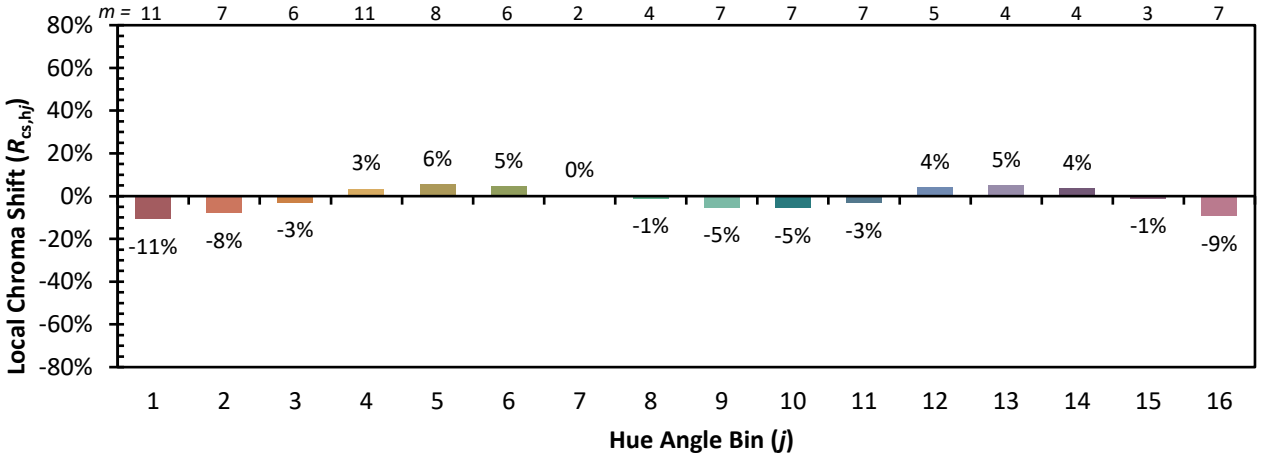
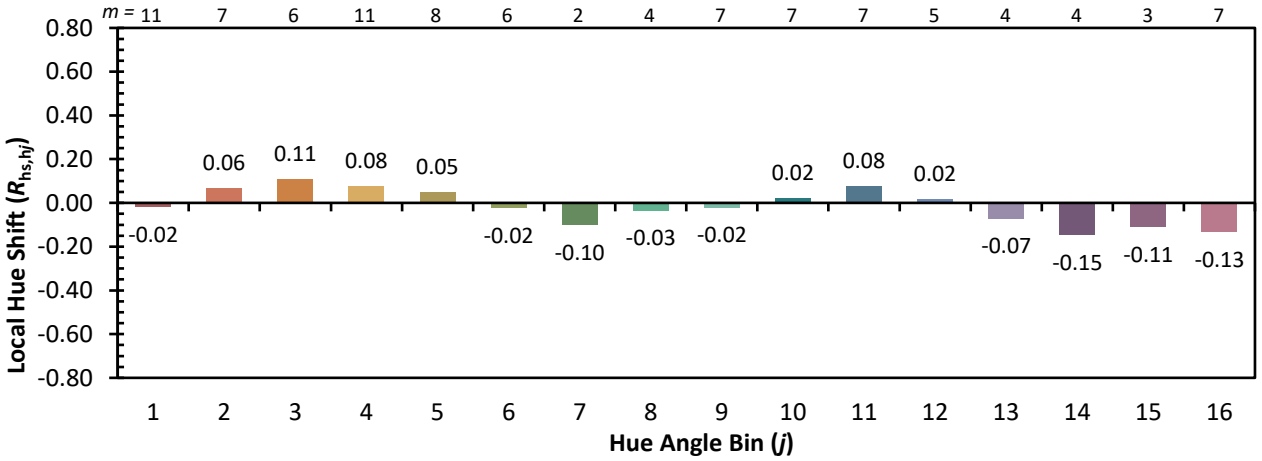
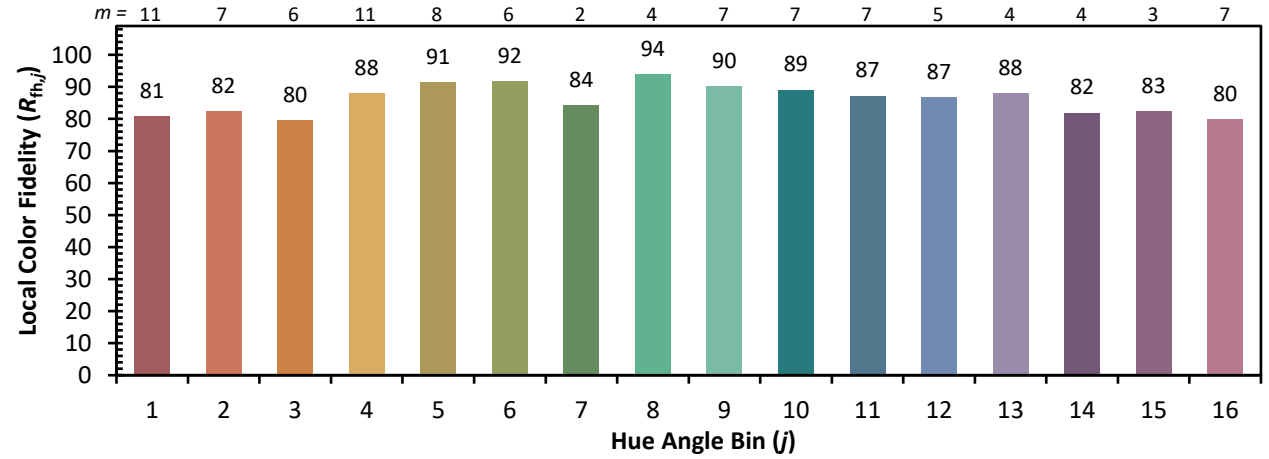
Color Rendition by Hue-Angle Bin







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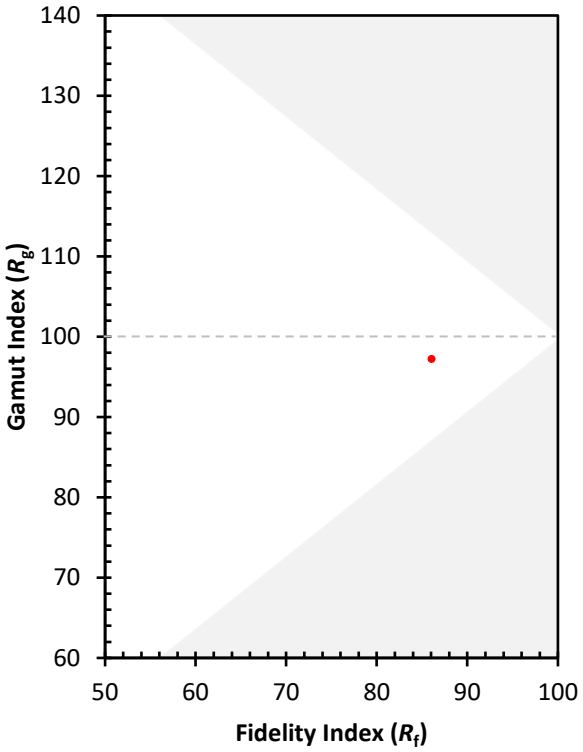
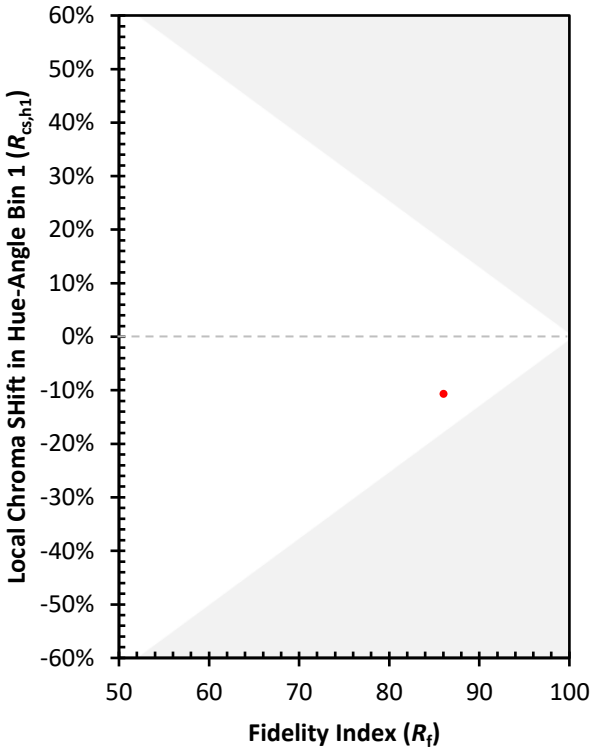
Measure Comparisons





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