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: P1442118

Luminaire Tested: LXB-C3-827-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:	P1442118
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-23)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C3-827-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:	1500 lumens
Efficiency:	N/A
Efficacy:	44.0 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	34.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9933
Total Harmonic Distortion (THDi):	0.0961783
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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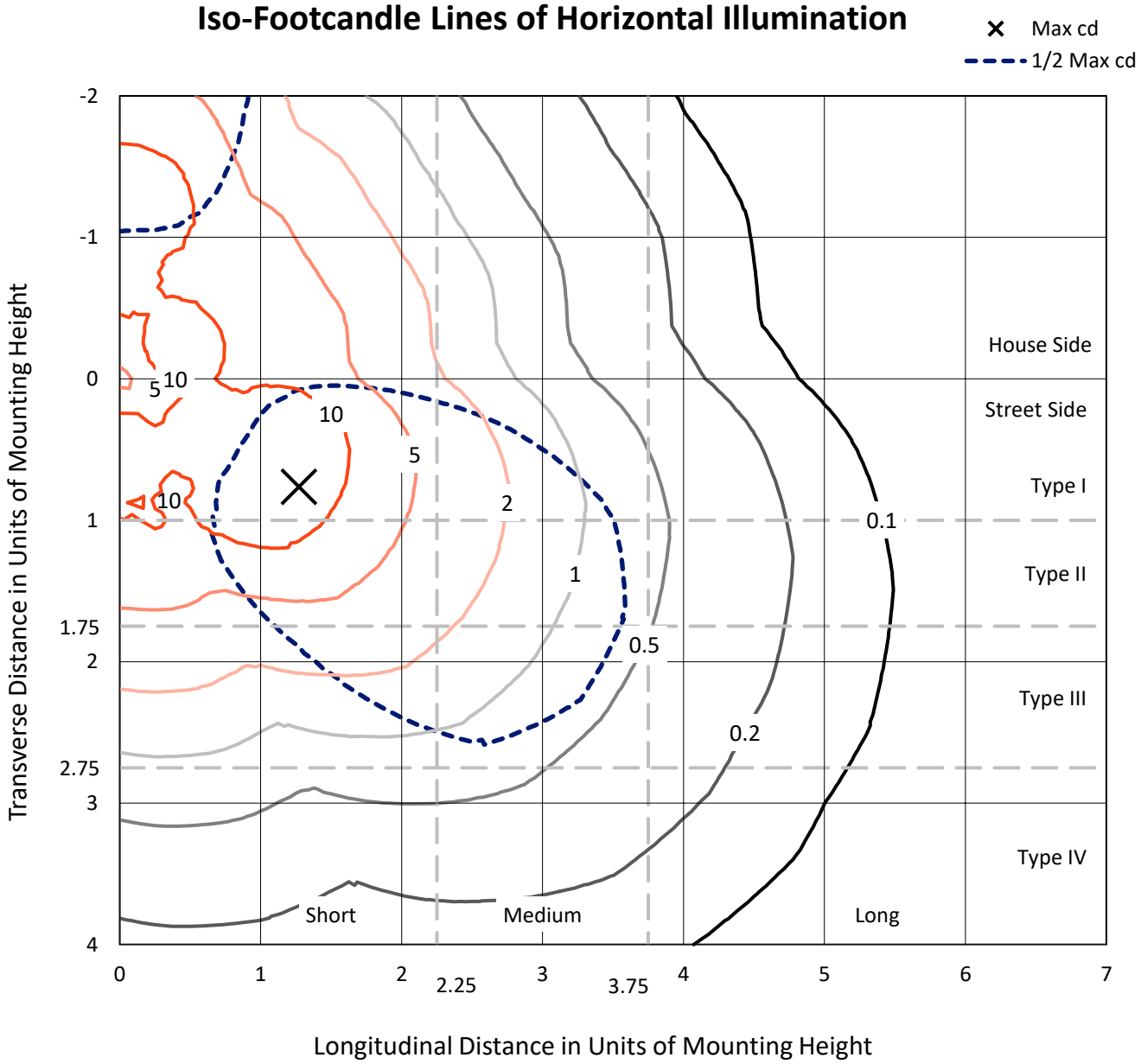
REPORT NUMBER: P1442118
CATALOG NUMBER: LXB-C3-827-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 18.1 fc
Type III - Short - N/A

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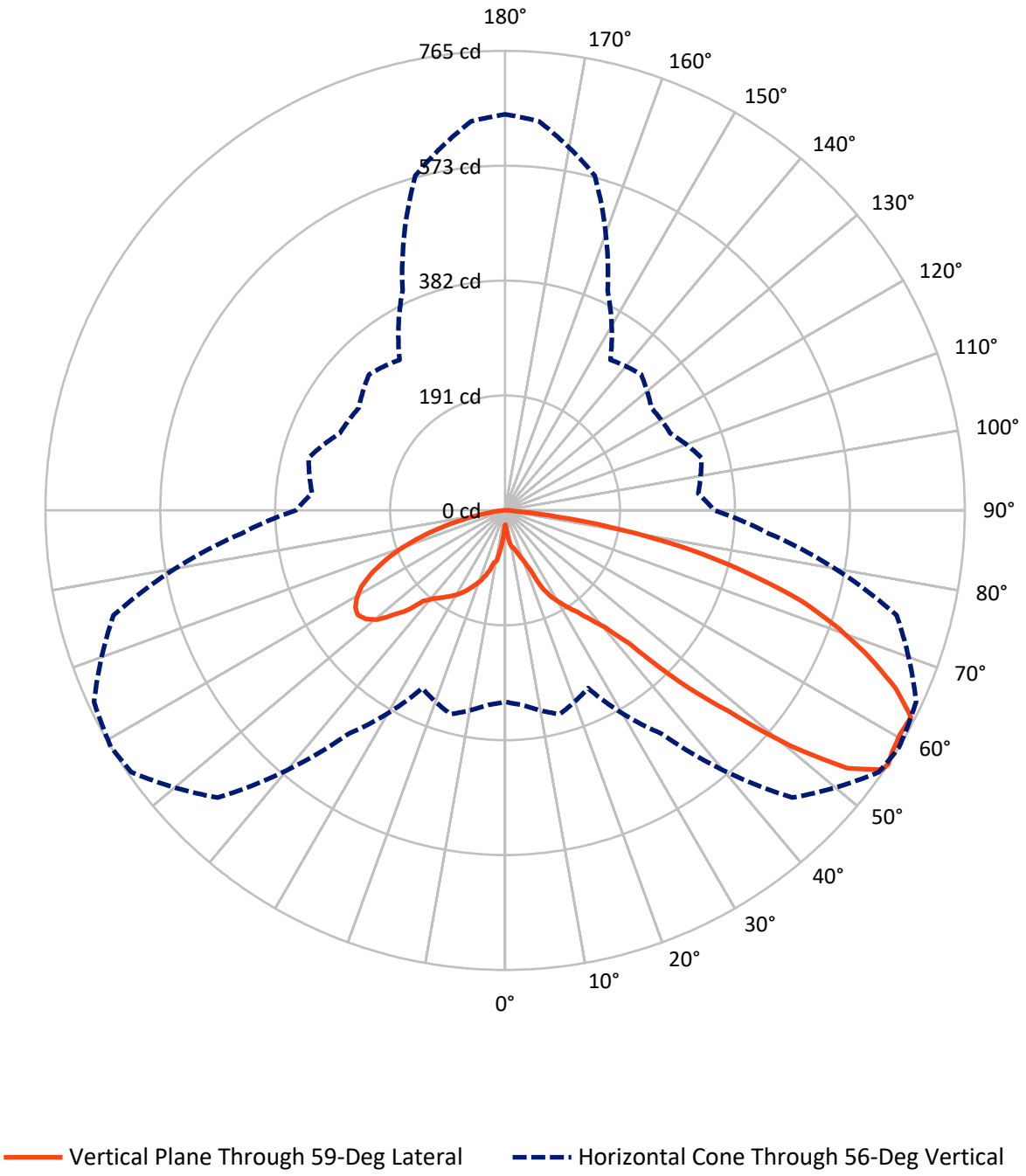
Luminous Intensity Polar Plot



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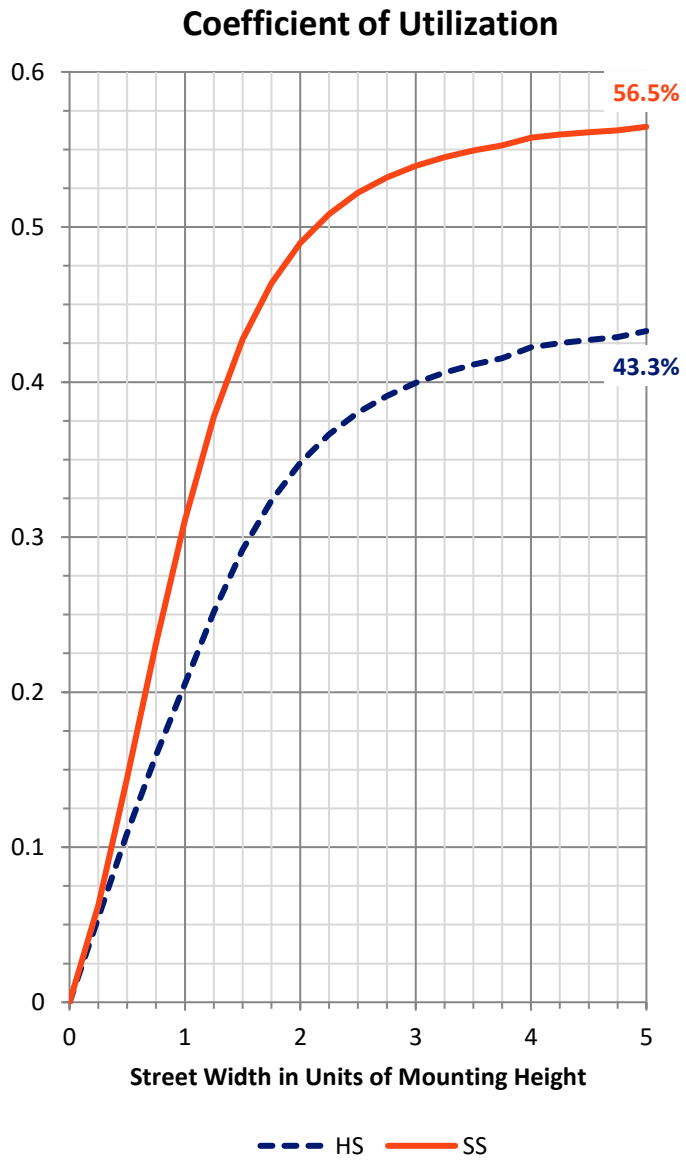
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	650.8	0.0	650.8
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	849.3	0.0	849.3
	% Fixture	56.6	0.0	56.6
Total	Lumens	1500.0	0.0	1500.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.4
10°-20°	26.4	1.8
20°-30°	62.5	4.2
30°-40°	113.5	7.6
40°-50°	224.5	15.0
50°-60°	398.5	26.6
60°-70°	401.3	26.8
70°-80°	236.3	15.8
80°-90°	31.7	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°	1500.0	100.0
0°-180°	1500.0	100.0



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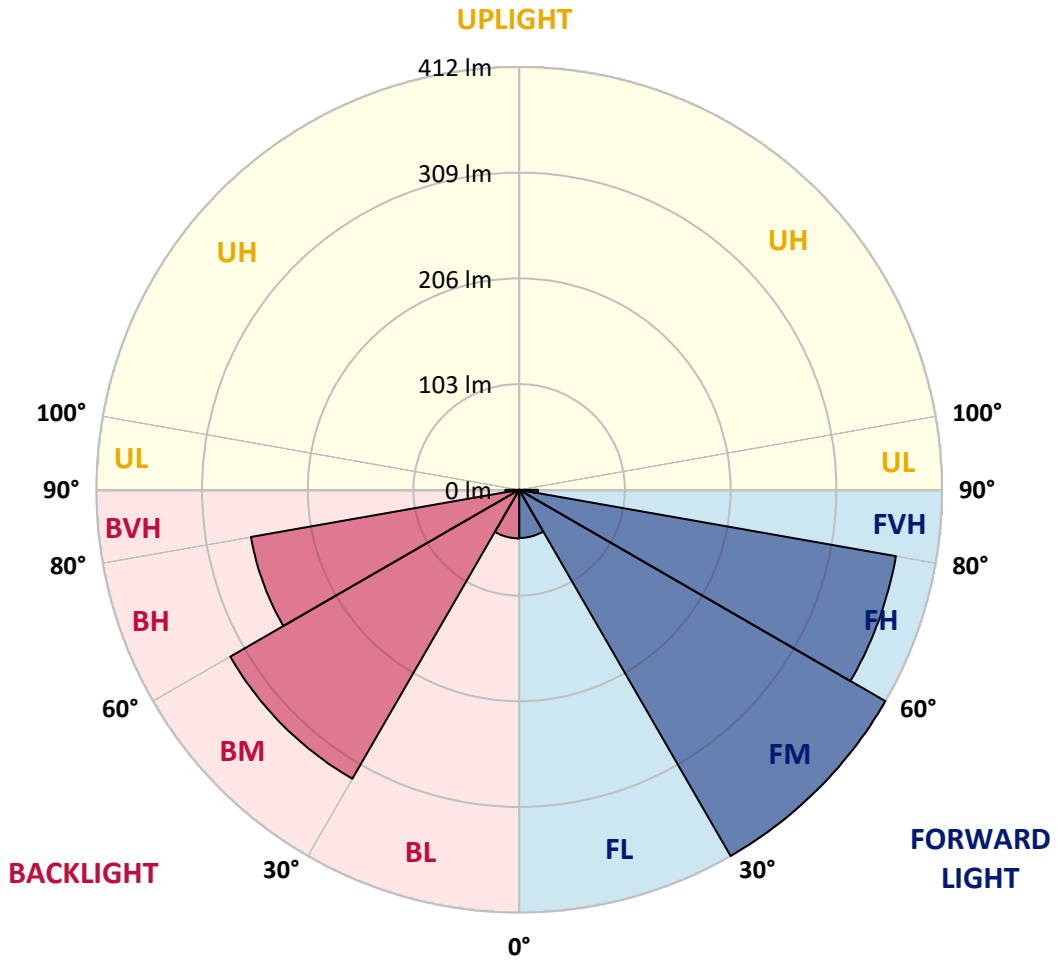
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	46.9	3.1			
FM	(30°-60°)	411.7	27.4			
FH	(60°-80°)	372.5	24.8			G0/660
FVH	(80°-90°)	18.2	1.2			G1/100
BL	(0°-30°)	47.3	3.2	B0/110		
BM	(30°-60°)	324.8	21.7	B1/1000		
BH	(60°-80°)	265.2	17.7	B1/500		G1/500
BVH	(80°-90°)	13.4	0.9			G1/100
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: P1442118
CATALOG NUMBER: LXB-C3-827-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	23.8	23.8	23.8	23.8	23.8	23.8	23.8	*23.8*	23.8	23.8	23.8
2.5°	34.1	32.6	30.2	30.2	29.4	29.4	27.0	*27.0*	27.8	30.2	31.0
5°	54.8	54.8	46.1	40.5	42.1	41.3	41.3	*39.7*	41.3	42.9	42.9
7.5°	71.5	68.3	69.9	65.1	63.5	59.6	55.6	*54.8*	54.0	58.8	59.6
10°	81.0	81.0	84.2	83.4	73.8	65.1	63.5	*61.9*	62.7	65.1	69.9
12.5°	87.3	92.1	94.5	93.7	84.2	72.3	66.7	*64.3*	65.1	72.3	78.6
15°	108.0	101.6	105.6	101.6	93.7	81.0	73.0	*71.5*	73.8	78.6	88.1
17.5°	119.1	121.5	115.9	106.4	100.0	88.9	84.2	*80.2*	81.0	85.0	97.7
20°	130.2	132.6	127.8	115.9	108.0	96.9	92.9	*91.3*	92.1	94.5	101.6
22.5°	141.3	142.9	138.2	124.7	115.9	105.6	105.6	*107.2*	106.4	104.8	110.4
25°	151.7	153.2	146.9	134.2	127.8	123.9	135.8	*142.1*	139.0	122.3	123.1
27.5°	162.8	162.0	158.8	143.7	139.0	145.3	159.6	*162.0*	162.0	140.5	136.6
30°	170.7	169.9	167.5	154.0	150.1	161.2	176.3	*177.1*	176.3	160.4	145.3
32.5°	177.9	177.1	176.3	162.0	158.8	177.1	192.1	*192.9*	192.9	177.1	155.6
35°	186.6	184.2	184.2	169.1	168.3	194.5	207.2	*208.0*	208.8	191.4	164.4
37.5°	196.1	191.4	192.9	178.6	181.0	213.6	227.9	*229.5*	228.7	211.2	177.1
40°	206.4	200.9	201.7	187.4	194.5	238.2	253.3	*254.9*	253.3	235.0	190.6
42.5°	221.5	216.0	222.3	206.4	219.9	284.3	299.3	*301.7*	297.8	277.1	211.2
45°	254.9	250.9	265.2	247.7	270.8	374.0	403.4	*407.3*	399.4	359.7	262.0
47.5°	278.7	274.7	295.4	274.7	318.4	471.6	495.5	*498.6*	491.5	451.0	303.3
50°	304.1	304.9	328.7	307.3	385.1	563.7	611.4	*616.1*	614.6	560.6	371.6
52.5°	314.4	317.6	347.8	325.5	428.0	633.6	703.5	*712.2*	705.1	629.6	412.9
55°	319.2	324.7	353.3	327.9	449.4	668.5	751.9	*761.4*	749.5	667.0	434.3
56°	*318.4*	*324.7*	*350.9*	*326.3*	*453.4*	*675.7*	*759.1*	*764.6*	*754.3*	*674.1*	*439.9*
57.5°	314.4	321.6	344.6	320.0	455.8	679.7	758.3	*759.1*	755.9	680.5	446.2
60°	300.9	311.2	331.9	306.5	453.4	674.9	752.7	*755.1*	754.3	681.3	448.6
62.5°	281.9	292.2	314.4	289.8	440.7	661.4	749.5	*757.5*	747.2	667.0	440.7
65°	256.5	268.4	285.8	263.6	415.3	630.4	709.0	*713.8*	705.1	632.8	415.3
67.5°	227.1	239.0	254.1	234.2	385.9	589.9	652.7	*654.3*	649.5	582.0	385.9
70°	192.1	204.1	219.1	201.7	347.8	530.4	586.0	*588.4*	586.0	521.7	347.0
72.5°	154.0	165.9	179.4	165.9	297.8	456.6	510.5	*516.1*	507.4	448.6	297.8
75°	114.3	125.5	135.8	127.8	241.4	371.6	417.6	*416.1*	414.5	366.0	241.4
77.5°	79.4	85.0	94.5	89.7	176.3	278.7	316.8	*316.8*	313.6	274.7	180.2
80°	46.1	49.2	54.8	53.2	102.4	176.3	204.9	*198.5*	204.1	173.9	113.5
82.5°	22.2	23.8	24.6	23.8	35.7	71.5	89.7	*88.9*	90.5	68.3	49.2
85°	9.5	10.3	10.3	6.4	9.5	13.5	15.1	*15.1*	15.1	13.5	11.9
87.5°	7.1	7.1	7.1	4.0	6.4	9.5	11.1	*10.3*	11.1	9.5	7.1
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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Scaled Data Report

REPORT NUMBER: P1442118
CATALOG NUMBER: LXB-C3-827-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
2.5°	31.8	31.0	31.8	29.4	31.0	31.0	32.6	31.0	30.2	28.6	28.6
5°	45.3	46.1	48.4	51.6	47.6	46.8	46.1	43.7	45.3	40.5	40.5
7.5°	58.8	60.3	65.9	67.5	65.9	72.3	66.7	63.5	63.5	59.6	59.6
10°	71.5	74.6	79.4	81.0	88.1	81.8	80.2	73.0	70.7	66.7	66.7
12.5°	82.6	84.2	85.8	90.5	88.1	91.3	88.1	79.4	72.3	67.5	67.5
15°	92.1	93.7	100.0	105.6	101.6	100.8	99.2	92.1	83.4	73.8	72.3
17.5°	100.0	104.8	110.4	115.9	113.5	112.0	105.6	100.0	86.5	81.8	80.2
20°	106.4	112.0	124.7	126.2	124.7	121.5	115.1	104.8	94.5	89.7	88.9
22.5°	115.9	122.3	134.2	135.8	132.6	128.6	127.0	112.7	103.2	99.2	101.6
25°	126.2	131.8	141.3	142.9	143.7	136.6	135.8	123.9	117.5	122.3	126.2
27.5°	136.6	142.1	150.9	151.7	153.2	146.1	142.9	134.2	135.0	141.3	143.7
30°	146.9	150.1	159.6	161.2	160.4	154.0	150.1	142.9	146.9	154.8	156.4
32.5°	154.0	158.8	166.7	169.9	165.9	161.2	156.4	151.7	158.8	170.7	171.5
35°	160.4	165.9	173.1	177.9	173.1	170.7	162.8	161.2	173.1	185.0	185.8
37.5°	169.9	174.7	181.0	185.0	180.2	179.4	169.9	170.7	191.4	202.5	204.1
40°	178.6	182.6	190.6	193.7	189.0	189.0	177.1	184.2	212.0	226.3	228.7
42.5°	193.7	196.9	205.6	205.6	200.9	204.1	190.6	202.5	241.4	257.3	262.0
45°	235.0	236.6	246.9	235.0	232.6	240.6	225.5	247.7	313.6	336.7	344.6
47.5°	262.0	259.6	273.9	258.0	253.3	262.8	246.1	280.3	375.6	405.7	416.8
50°	308.1	297.8	309.7	284.3	277.1	296.2	282.7	344.6	475.6	509.7	520.9
52.5°	334.3	320.0	331.9	297.8	290.6	316.0	300.9	379.5	528.0	578.0	591.5
55°	347.0	324.7	339.8	303.3	297.8	323.2	306.5	399.4	567.7	640.0	651.9
56°	*347.8*	*322.4*	*338.2*	*303.3*	*297.0*	*320.0*	*305.7*	*403.4*	*576.4*	*649.5*	*659.0*
57.5°	345.4	316.8	332.7	300.9	293.8	315.2	300.9	407.3	582.8	652.7	658.2
60°	337.4	305.7	321.6	290.6	282.7	303.3	290.6	406.5	583.6	647.9	651.9
62.5°	325.5	289.8	307.3	274.7	268.4	288.2	273.1	399.4	575.6	645.5	652.7
65°	302.5	267.6	282.7	250.9	245.3	263.6	250.1	377.9	549.4	620.1	627.3
67.5°	274.7	237.4	251.7	223.9	218.4	234.2	223.1	347.8	513.7	570.9	568.5
70°	243.8	204.9	218.4	192.1	187.4	201.7	191.4	312.0	462.9	512.9	505.8
72.5°	207.2	169.1	181.0	156.4	151.7	164.4	158.0	270.8	404.1	447.0	440.7
75°	165.9	131.0	139.0	118.3	115.1	124.7	123.1	216.0	330.3	362.1	366.0
77.5°	121.5	92.9	96.9	81.0	79.4	87.3	88.1	156.4	247.7	269.2	271.5
80°	74.6	56.4	59.6	48.4	47.6	51.6	53.2	95.3	158.8	170.7	171.5
82.5°	33.3	27.0	28.6	24.6	24.6	23.8	24.6	39.7	70.7	73.8	73.0
85°	8.7	7.9	11.9	10.3	11.1	11.1	7.1	11.9	16.7	17.5	17.5
87.5°	4.8	4.8	7.9	7.1	7.9	7.9	4.0	7.9	11.9	12.7	12.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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: SP1-2509-539-6

Test Date: 04/15/2026

Luminaire Tested: Luxscape Bollard

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

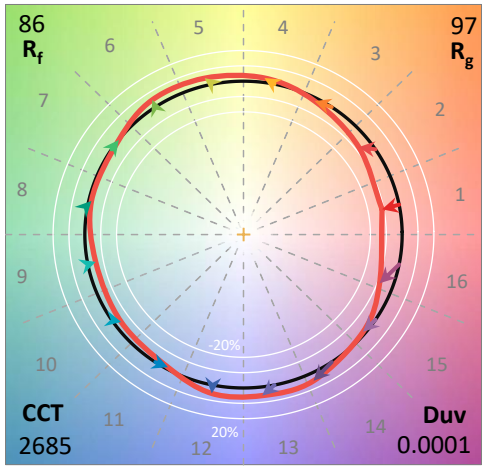
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-6
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-C1-827-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	2685
CIE u':	0.2631
CIE v':	0.5278
Duv:	0.0001
CIE x:	0.4613
CIE y:	0.4112
CIE z:	0.1276
Peak Wavelength (nm):	607
Dominant Wavelength (nm):	584
Purity:	61.87869
Rf:	85.8
Rg:	97.1

CRI (Ra):	83.3				
R1:	82.0	R9:	7.2		
R2:	92.1	R10:	83.2		
R3:	95.4	R11:	84.1		
R4:	82.6	R12:	80.9		
R5:	82.9	R13:	84.4		
R6:	92.4	R14:	98.1		
R7:	81.6	R15:	73.2		
R8:	57.2				



Test Conditions

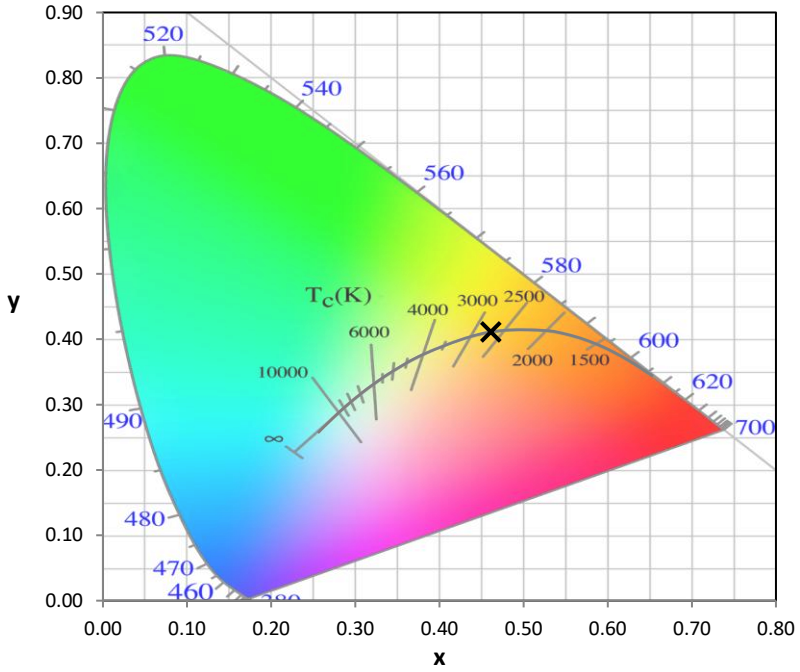
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

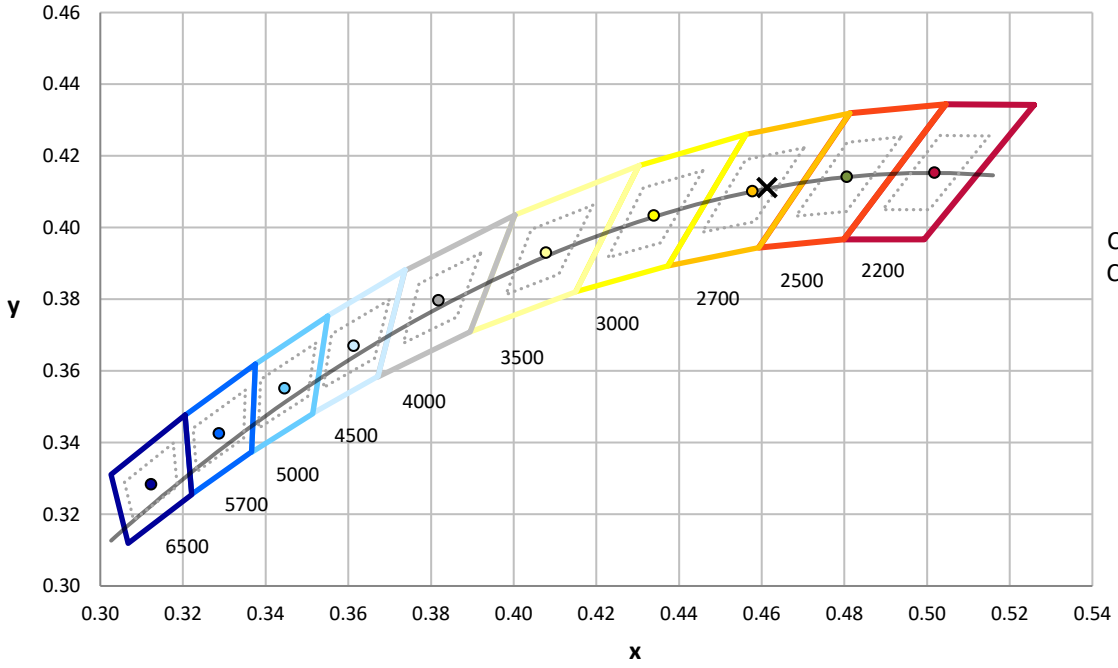
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

CIE 1931 Chromaticity Diagram



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

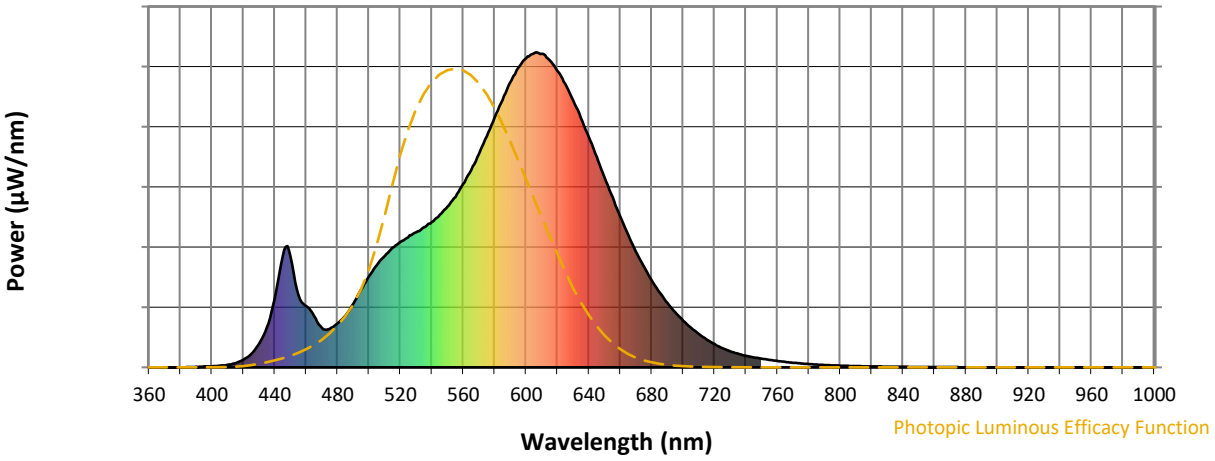


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-6

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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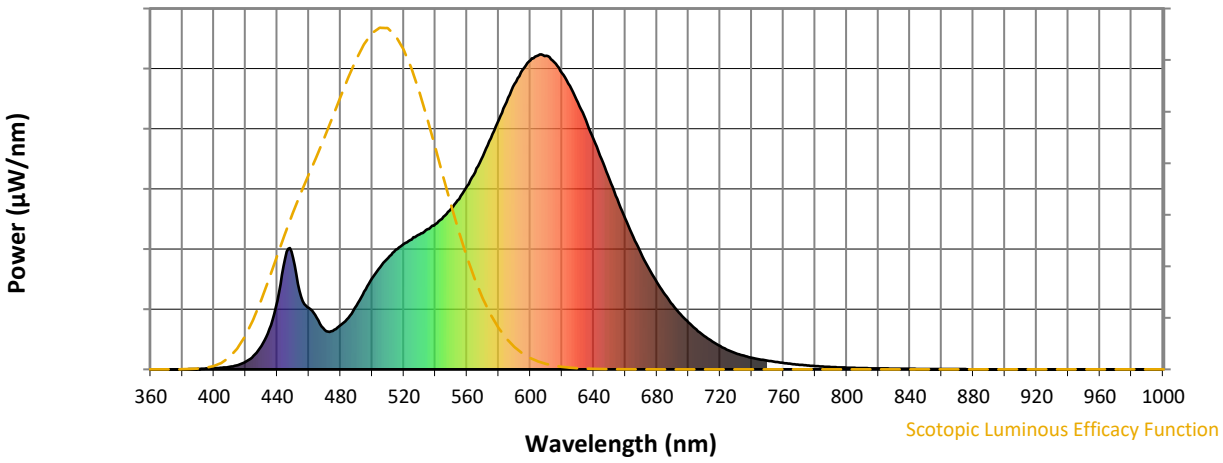
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.22**

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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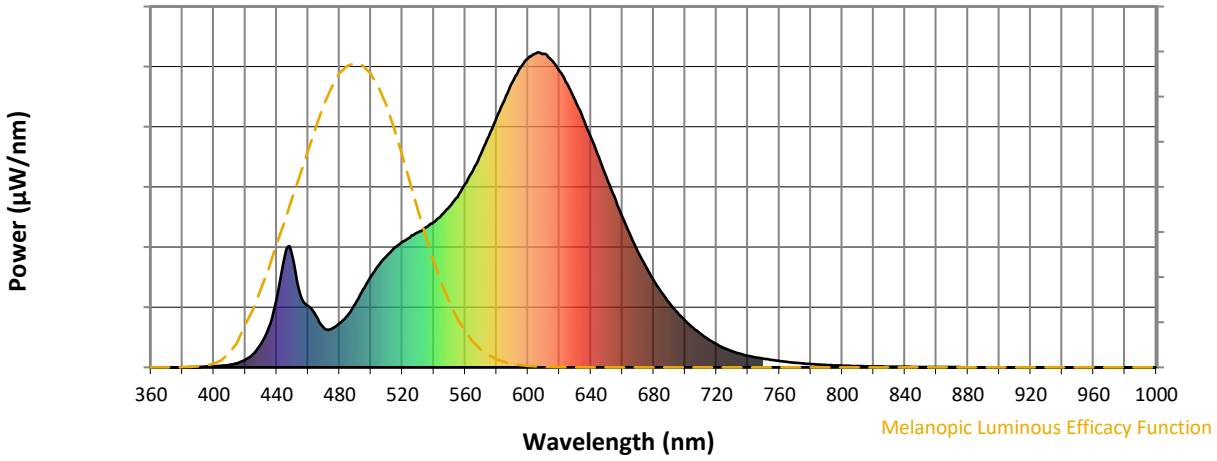
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.26**

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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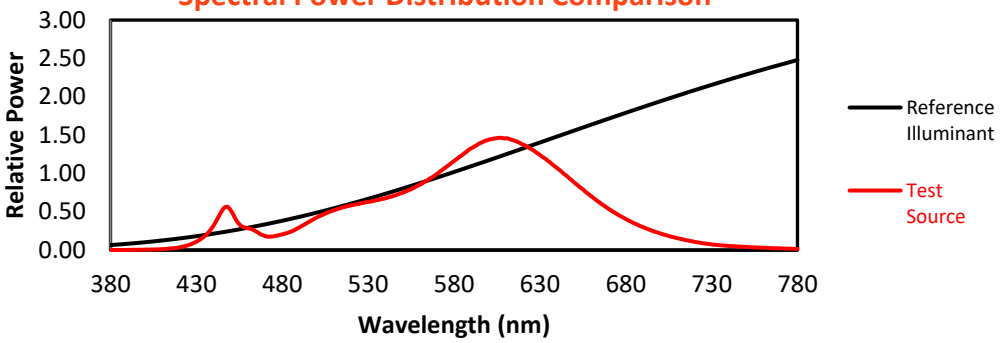
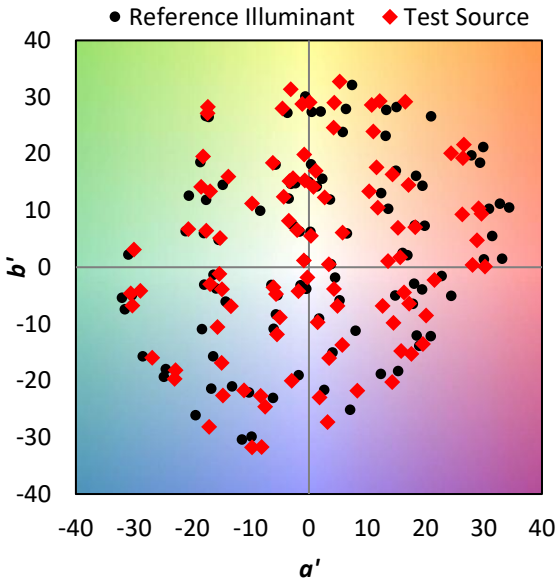
Summary

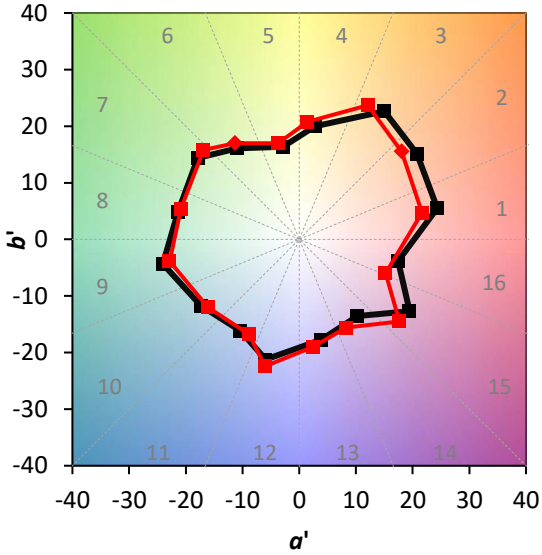
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

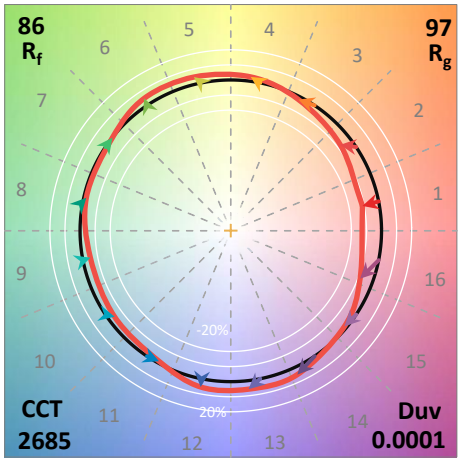
Spectral Power Distribution Comparison

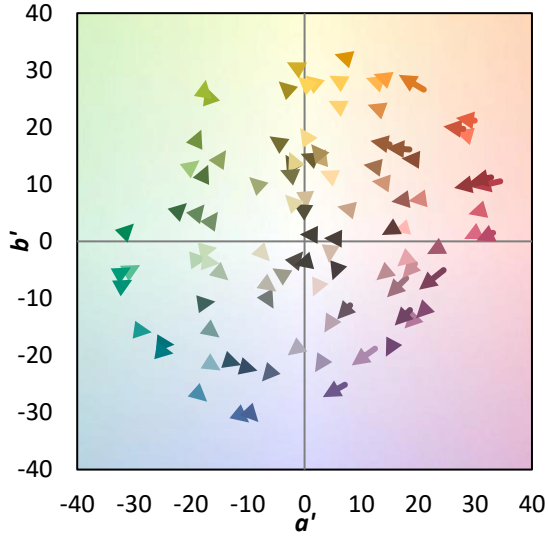


Color Vector Graphics









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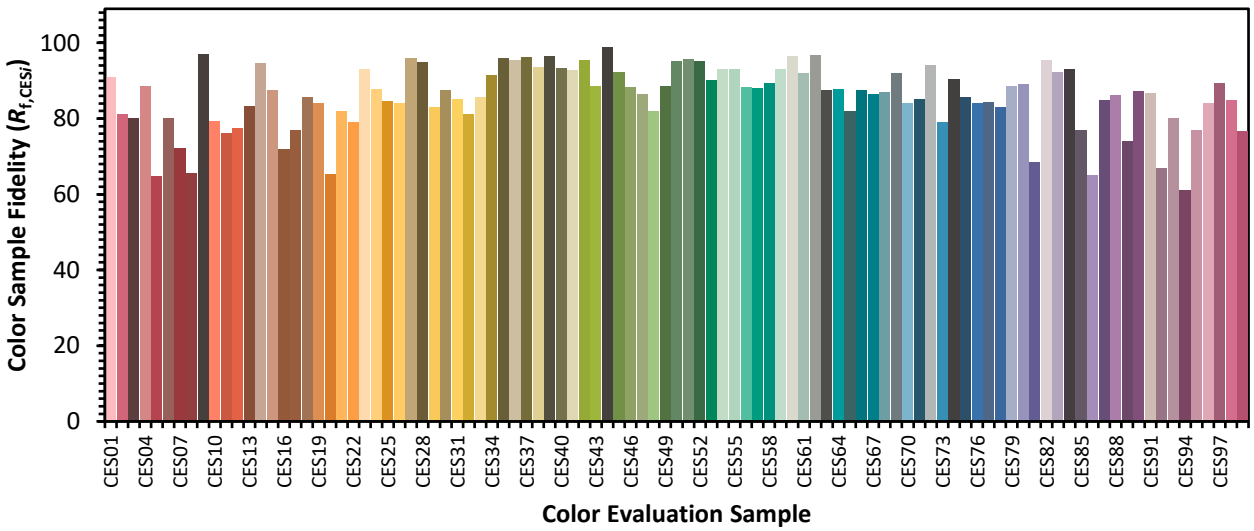
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 84	CES51 = 96	CES76 = 84
CES02 = 64	CES27 = 96	CES52 = 95	CES77 = 84
CES03 = 32	CES28 = 95	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 83	CES54 = 93	CES79 = 89
CES05 = 51	CES30 = 87	CES55 = 93	CES80 = 89
CES06 = 52	CES31 = 85	CES56 = 88	CES81 = 69
CES07 = 43	CES32 = 81	CES57 = 88	CES82 = 95
CES08 = 42	CES33 = 86	CES58 = 89	CES83 = 92
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 93
CES10 = 77	CES35 = 96	CES60 = 97	CES85 = 77
CES11 = 60	CES36 = 95	CES61 = 92	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 97	CES87 = 85
CES13 = 44	CES38 = 94	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 96	CES64 = 88	CES89 = 74
CES15 = 72	CES40 = 93	CES65 = 82	CES90 = 87
CES16 = 48	CES41 = 93	CES66 = 87	CES91 = 87
CES17 = 50	CES42 = 95	CES67 = 86	CES92 = 67
CES18 = 57	CES43 = 89	CES68 = 87	CES93 = 80
CES19 = 73	CES44 = 99	CES69 = 92	CES94 = 61
CES20 = 67	CES45 = 92	CES70 = 84	CES95 = 77
CES21 = 87	CES46 = 88	CES71 = 85	CES96 = 84
CES22 = 79	CES47 = 86	CES72 = 94	CES97 = 89
CES23 = 92	CES48 = 82	CES73 = 79	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 90	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 86	



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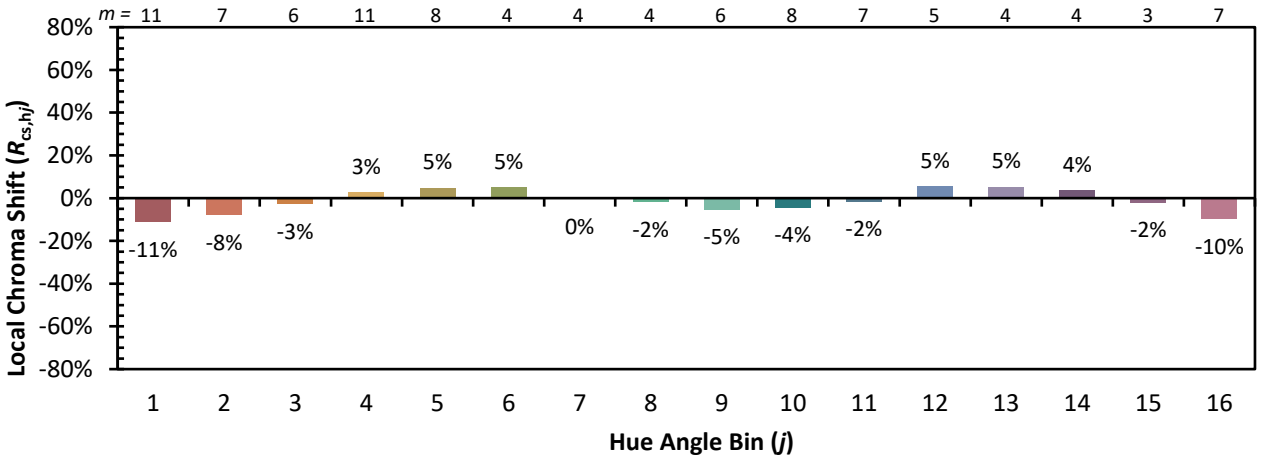
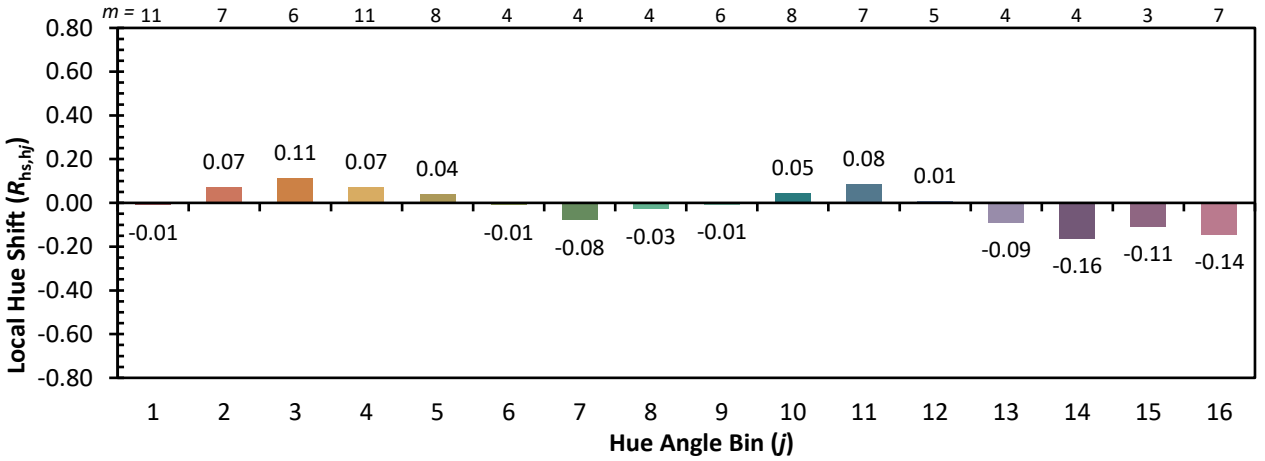
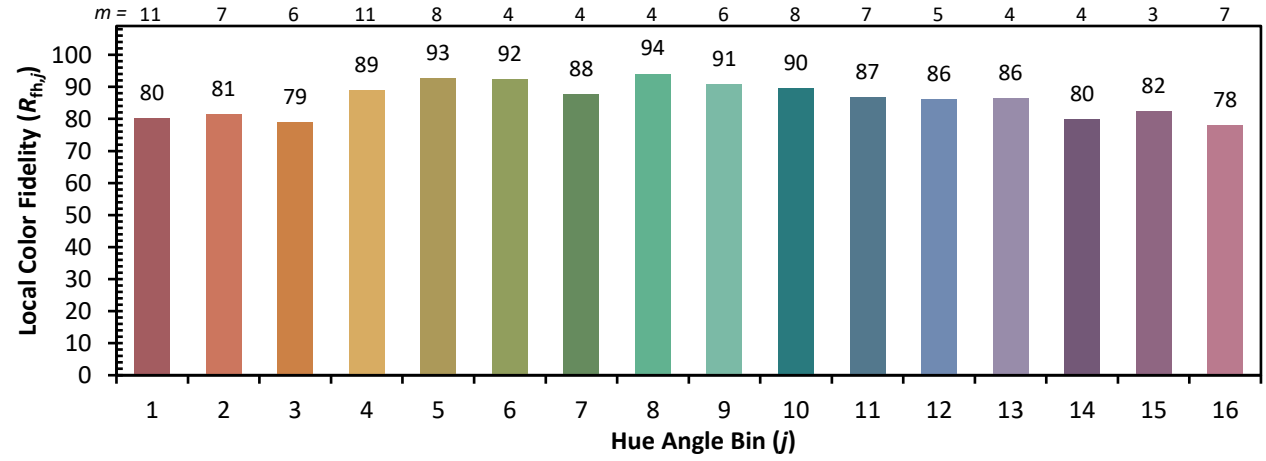
Color Rendition by Hue-Angle Bin







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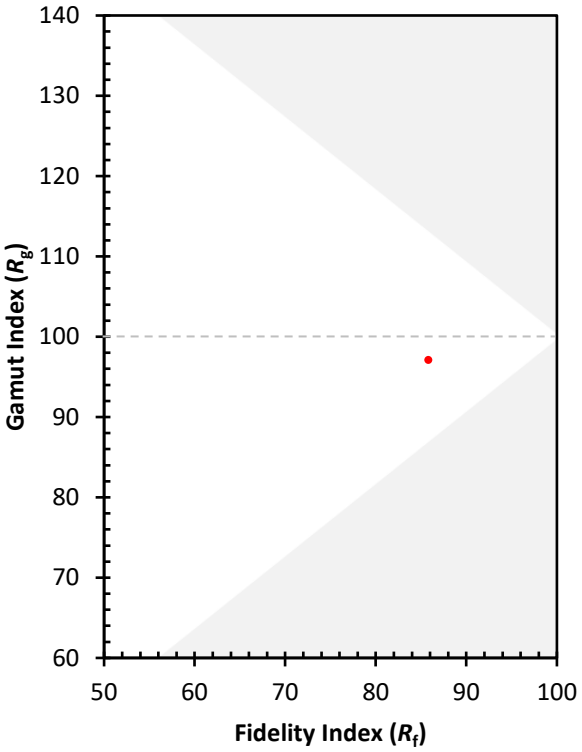
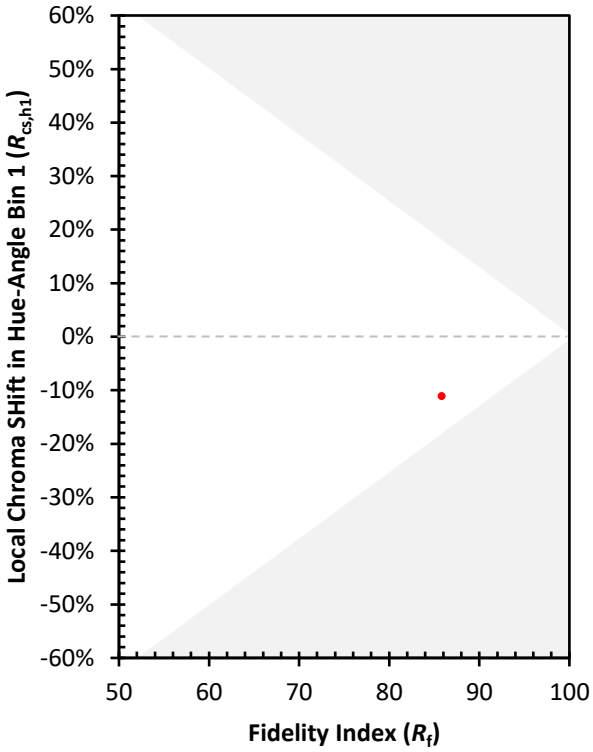
Measure Comparisons





(END OF REPORT)