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: P1442122

Luminaire Tested: LXB-C3-835-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:	P1442122
	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-C3-835-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:	1611.5 lumens
Efficiency:	N/A
Efficacy:	47.3 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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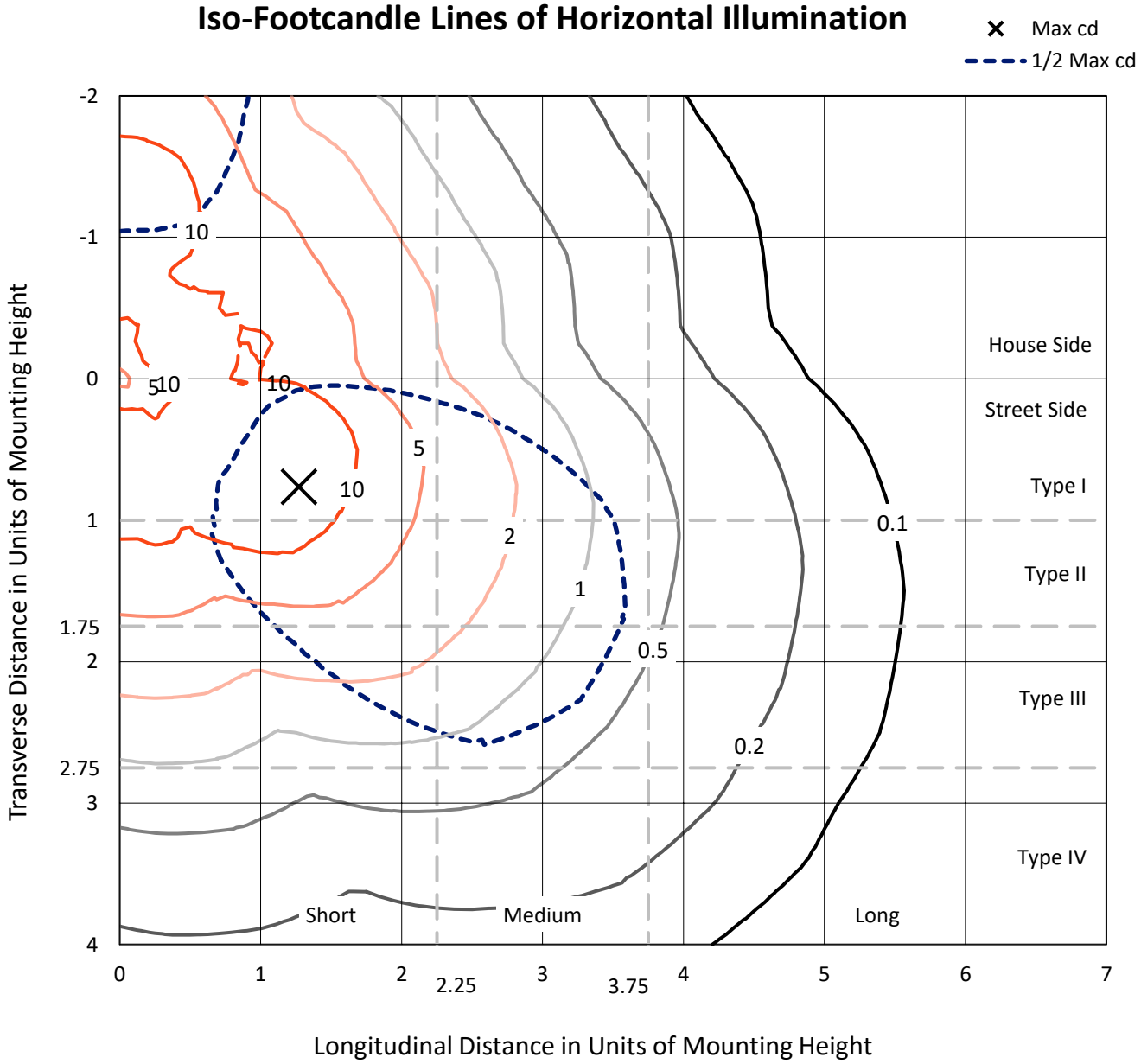
REPORT NUMBER: P1442122
CATALOG NUMBER: LXB-C3-835-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 19.4 fc
Type III - Short - N/A

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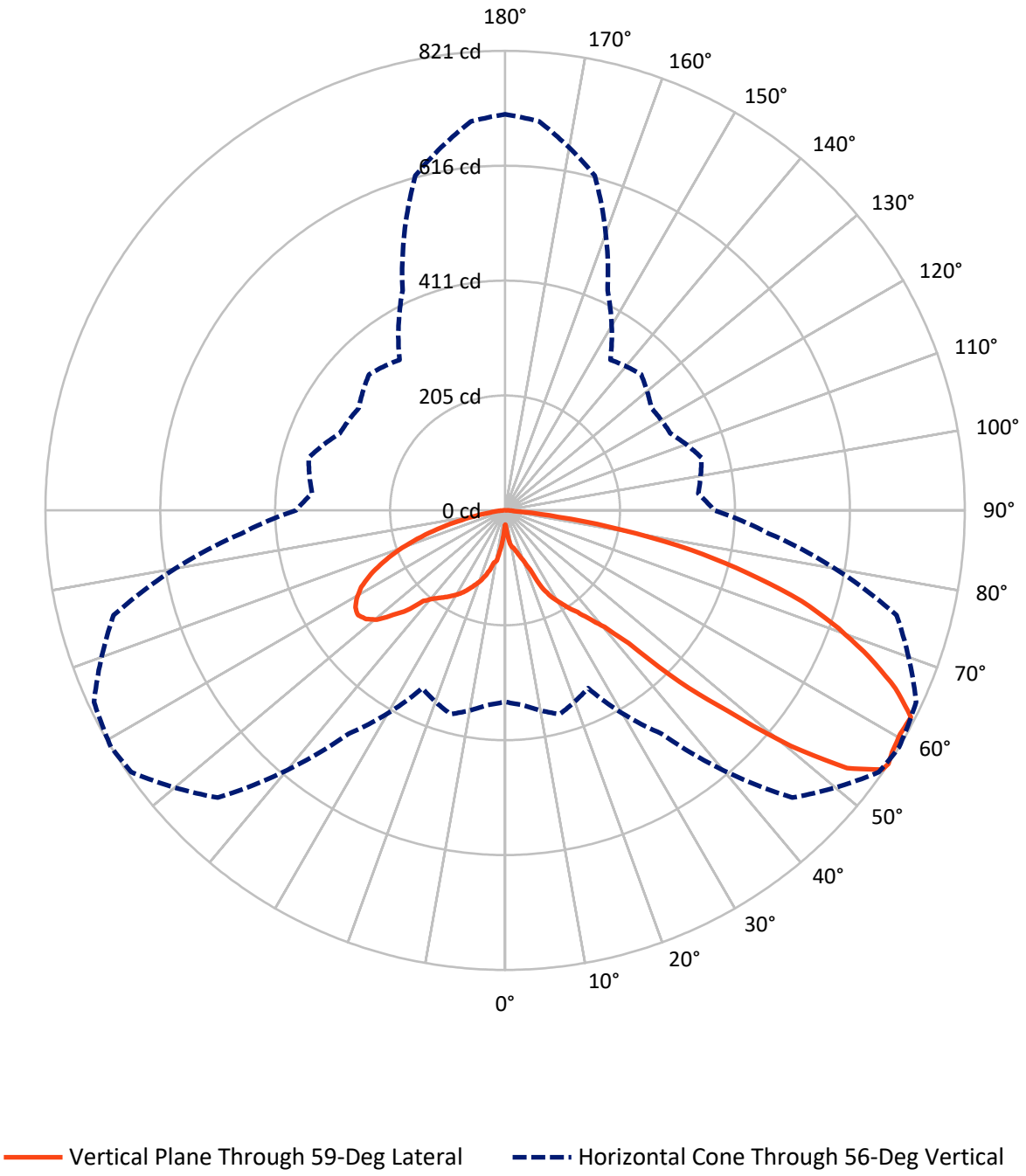
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442122
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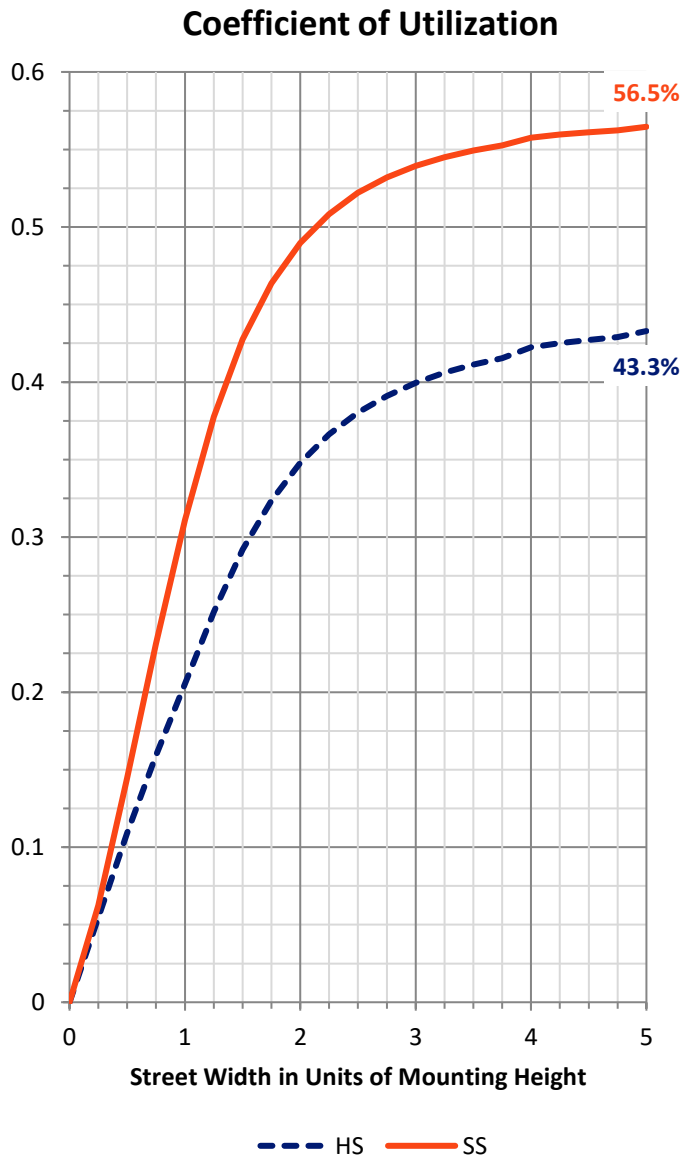
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	699.1	0.0	699.1
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	912.4	0.0	912.4
	% Fixture	56.6	0.0	56.6
Total	Lumens	1611.5	0.0	1611.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.4
10°-20°	28.4	1.8
20°-30°	67.1	4.2
30°-40°	122.0	7.6
40°-50°	241.2	15.0
50°-60°	428.1	26.6
60°-70°	431.1	26.8
70°-80°	253.9	15.8
80°-90°	34.0	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°	1611.5	100.0
0°-180°	1611.5	100.0



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REPORT NUMBER: P1442122
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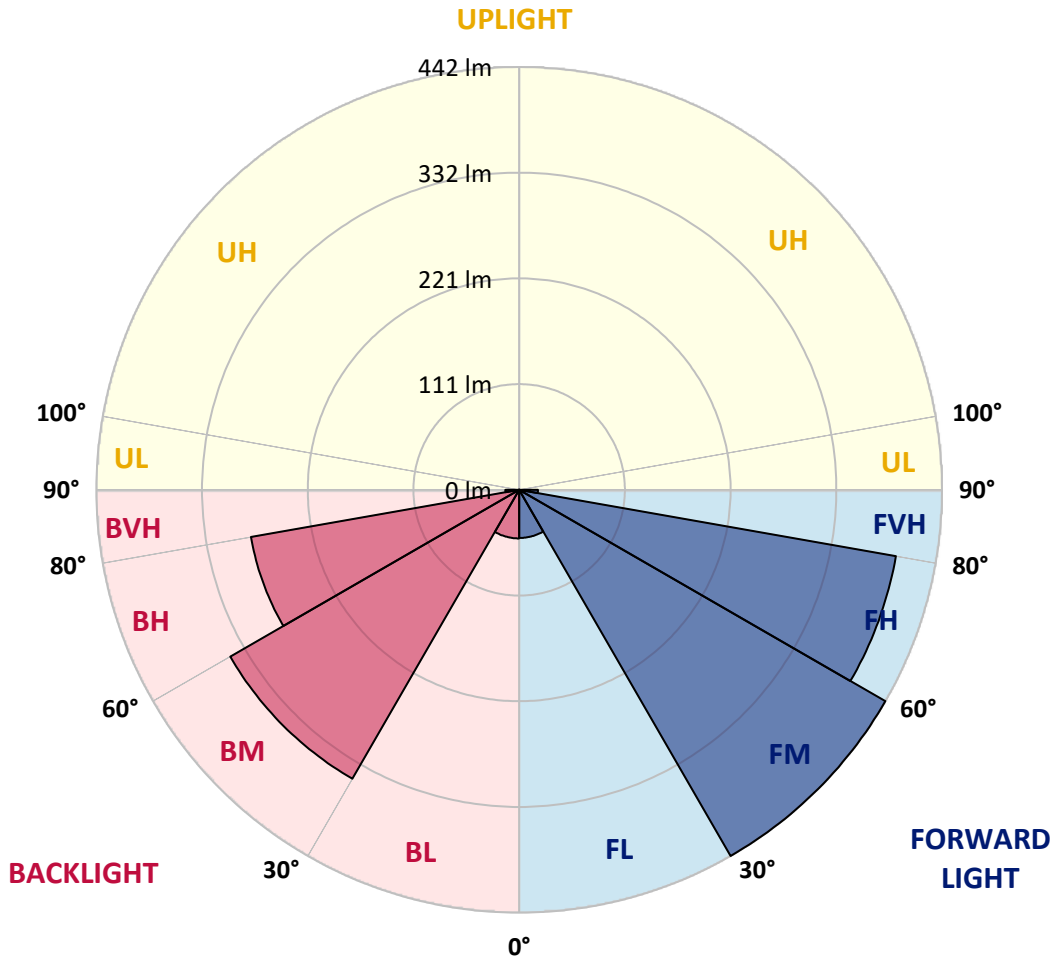
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	50.4	3.1			
FM	(30°-60°)	442.3	27.4			
FH	(60°-80°)	400.1	24.8			G0/660
FVH	(80°-90°)	19.6	1.2			G1/100
BL	(0°-30°)	50.9	3.2	B0/110		
BM	(30°-60°)	348.9	21.7	B1/1000		
BH	(60°-80°)	284.9	17.7	B1/500		G1/500
BVH	(80°-90°)	14.4	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: P1442122
CATALOG NUMBER: LXB-C3-835-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	*25.6*	25.6	25.6	25.6
2.5°	36.7	35.0	32.4	32.4	31.6	31.6	29.0	*29.0*	29.9	32.4	33.3
5°	58.9	58.9	49.5	43.5	45.2	44.4	44.4	*42.6*	44.4	46.1	46.1
7.5°	76.8	73.4	75.1	69.9	68.2	64.0	59.7	*58.9*	58.0	63.1	64.0
10°	87.0	87.0	90.4	89.6	79.3	69.9	68.2	*66.5*	67.4	69.9	75.1
12.5°	93.8	98.9	101.5	100.7	90.4	77.6	71.7	*69.1*	69.9	77.6	84.4
15°	116.0	109.2	113.4	109.2	100.7	87.0	78.5	*76.8*	79.3	84.4	94.7
17.5°	128.0	130.5	124.5	114.3	107.5	95.5	90.4	*86.2*	87.0	91.3	104.9
20°	139.9	142.5	137.3	124.5	116.0	104.1	99.8	*98.1*	98.9	101.5	109.2
22.5°	151.8	153.5	148.4	133.9	124.5	113.4	113.4	*115.2*	114.3	112.6	118.6
25°	162.9	164.6	157.8	144.2	137.3	133.1	145.9	*152.7*	149.3	131.4	132.2
27.5°	174.9	174.0	170.6	154.4	149.3	156.1	171.5	*174.0*	174.0	151.0	146.7
30°	183.4	182.5	180.0	165.5	161.2	173.2	189.4	*190.2*	189.4	172.3	156.1
32.5°	191.1	190.2	189.4	174.0	170.6	190.2	206.4	*207.3*	207.3	190.2	167.2
35°	200.5	197.9	197.9	181.7	180.8	209.0	222.6	*223.5*	224.3	205.6	176.6
37.5°	210.7	205.6	207.3	191.9	194.5	229.5	244.8	*246.5*	245.7	226.9	190.2
40°	221.8	215.8	216.7	201.3	209.0	255.9	272.1	*273.8*	272.1	252.5	204.7
42.5°	238.0	232.0	238.8	221.8	236.3	305.4	321.6	*324.1*	319.9	297.7	226.9
45°	273.8	269.5	284.9	266.1	290.9	401.8	433.3	*437.6*	429.1	386.4	281.5
47.5°	299.4	295.1	317.3	295.1	342.1	506.7	532.3	*535.7*	528.0	484.5	325.8
50°	326.7	327.6	353.1	330.1	413.7	605.6	656.8	*661.9*	660.2	602.2	399.2
52.5°	337.8	341.2	373.6	349.7	459.8	680.7	755.8	*765.1*	757.5	676.4	443.6
55°	342.9	348.9	379.6	352.3	482.8	718.2	807.8	*818.0*	805.2	716.5	466.6
56°	*342.1*	*348.9*	*377.0*	*350.6*	*487.1*	*725.9*	*815.5*	*821.4*	*810.4*	*724.2*	*472.6*
57.5°	337.8	345.5	370.2	343.8	489.6	730.2	814.6	*815.5*	812.1	731.0	479.4
60°	323.3	334.4	356.6	329.3	487.1	725.0	808.6	*811.2*	810.4	731.9	481.9
62.5°	302.8	313.9	337.8	311.3	473.4	710.5	805.2	*813.8*	802.7	716.5	473.4
65°	275.5	288.3	307.1	283.2	446.1	677.3	761.7	*766.8*	757.5	679.8	446.1
67.5°	244.0	256.8	273.0	251.6	414.6	633.8	701.2	*702.9*	697.8	625.2	414.6
70°	206.4	219.2	235.4	216.7	373.6	569.8	629.5	*632.1*	629.5	560.4	372.8
72.5°	165.5	178.3	192.8	178.3	319.9	490.5	548.5	*554.4*	545.1	481.9	319.9
75°	122.8	134.8	145.9	137.3	259.3	399.2	448.7	*447.0*	445.3	393.2	259.3
77.5°	85.3	91.3	101.5	96.4	189.4	299.4	340.3	*340.3*	336.9	295.1	193.6
80°	49.5	52.9	58.9	57.2	110.0	189.4	220.1	*213.2*	219.2	186.8	122.0
82.5°	23.9	25.6	26.4	25.6	38.4	76.8	96.4	*95.5*	97.2	73.4	52.9
85°	10.2	11.1	11.1	6.8	10.2	14.5	16.2	*16.2*	16.2	14.5	12.8
87.5°	7.7	7.7	7.7	4.3	6.8	10.2	11.9	*11.1*	11.9	10.2	7.7
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: P1442122
CATALOG NUMBER: LXB-C3-835-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2.5°	34.1	33.3	34.1	31.6	33.3	33.3	35.0	33.3	32.4	30.7	30.7
5°	48.6	49.5	52.0	55.4	51.2	50.3	49.5	46.9	48.6	43.5	43.5
7.5°	63.1	64.8	70.8	72.5	70.8	77.6	71.7	68.2	68.2	64.0	64.0
10°	76.8	80.2	85.3	87.0	94.7	87.9	86.2	78.5	75.9	71.7	71.7
12.5°	88.7	90.4	92.1	97.2	94.7	98.1	94.7	85.3	77.6	72.5	72.5
15°	98.9	100.7	107.5	113.4	109.2	108.3	106.6	98.9	89.6	79.3	77.6
17.5°	107.5	112.6	118.6	124.5	122.0	120.3	113.4	107.5	93.0	87.9	86.2
20°	114.3	120.3	133.9	135.6	133.9	130.5	123.7	112.6	101.5	96.4	95.5
22.5°	124.5	131.4	144.2	145.9	142.5	138.2	136.5	121.1	110.9	106.6	109.2
25°	135.6	141.6	151.8	153.5	154.4	146.7	145.9	133.1	126.2	131.4	135.6
27.5°	146.7	152.7	162.1	162.9	164.6	157.0	153.5	144.2	145.0	151.8	154.4
30°	157.8	161.2	171.5	173.2	172.3	165.5	161.2	153.5	157.8	166.3	168.0
32.5°	165.5	170.6	179.1	182.5	178.3	173.2	168.0	162.9	170.6	183.4	184.2
35°	172.3	178.3	186.0	191.1	186.0	183.4	174.9	173.2	186.0	198.7	199.6
37.5°	182.5	187.7	194.5	198.7	193.6	192.8	182.5	183.4	205.6	217.5	219.2
40°	191.9	196.2	204.7	208.1	203.0	203.0	190.2	197.9	227.8	243.1	245.7
42.5°	208.1	211.5	220.9	220.9	215.8	219.2	204.7	217.5	259.3	276.4	281.5
45°	252.5	254.2	265.3	252.5	249.9	258.5	242.3	266.1	336.9	361.7	370.2
47.5°	281.5	278.9	294.3	277.2	272.1	282.3	264.4	301.1	403.5	435.9	447.8
50°	331.0	319.9	332.7	305.4	297.7	318.2	303.7	370.2	510.9	547.6	559.6
52.5°	359.1	343.8	356.6	319.9	312.2	339.5	323.3	407.7	567.2	621.0	635.5
55°	372.8	348.9	365.1	325.8	319.9	347.2	329.3	429.1	609.9	687.5	700.3
56°	*373.6*	*346.3*	*363.4*	*325.8*	*319.0*	*343.8*	*328.4*	*433.3*	*619.3*	*697.8*	*708.0*
57.5°	371.1	340.3	357.4	323.3	315.6	338.6	323.3	437.6	626.1	701.2	707.1
60°	362.5	328.4	345.5	312.2	303.7	325.8	312.2	436.7	627.0	696.0	700.3
62.5°	349.7	311.3	330.1	295.1	288.3	309.6	293.4	429.1	618.4	693.5	701.2
65°	325.0	287.5	303.7	269.5	263.6	283.2	268.7	406.0	590.3	666.2	673.9
67.5°	295.1	255.0	270.4	240.5	234.6	251.6	239.7	373.6	551.9	613.3	610.7
70°	261.9	220.1	234.6	206.4	201.3	216.7	205.6	335.2	497.3	551.0	543.4
72.5°	222.6	181.7	194.5	168.0	162.9	176.6	169.7	290.9	434.2	480.2	473.4
75°	178.3	140.7	149.3	127.1	123.7	133.9	132.2	232.0	354.8	389.0	393.2
77.5°	130.5	99.8	104.1	87.0	85.3	93.8	94.7	168.0	266.1	289.2	291.7
80°	80.2	60.6	64.0	52.0	51.2	55.4	57.2	102.4	170.6	183.4	184.2
82.5°	35.8	29.0	30.7	26.4	26.4	25.6	26.4	42.6	75.9	79.3	78.5
85°	9.4	8.5	12.8	11.1	11.9	11.9	7.7	12.8	17.9	18.8	18.8
87.5°	5.1	5.1	8.5	7.7	8.5	8.5	4.3	8.5	12.8	13.6	13.6
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
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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: SP1-2509-539-7

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

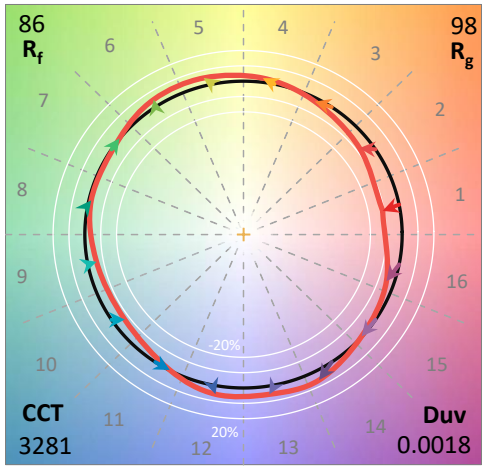
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-7
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-C1-835-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	3281
CIE u':	0.2408
CIE v':	0.5181
Duv:	0.0018
CIE x:	0.4204
CIE y:	0.4020
CIE z:	0.1776
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	581
Purity:	46.84629
Rf:	85.8
Rg:	97.6

CRI (Ra):	83.9				
R1:	82.0	R9:	9.4
R2:	89.5	R10:	76.7
R3:	96.9	R11:	85.1
R4:	84.3	R12:	73.1
R5:	82.6	R13:	83.6
R6:	87.7	R14:	98.3
R7:	85.4	R15:	74.0
R8:	62.6		



Test Conditions

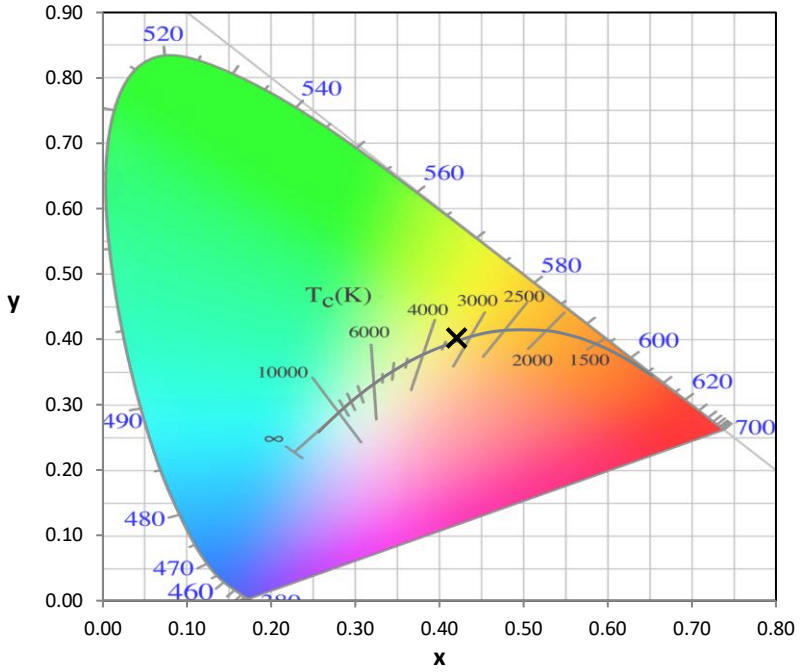
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

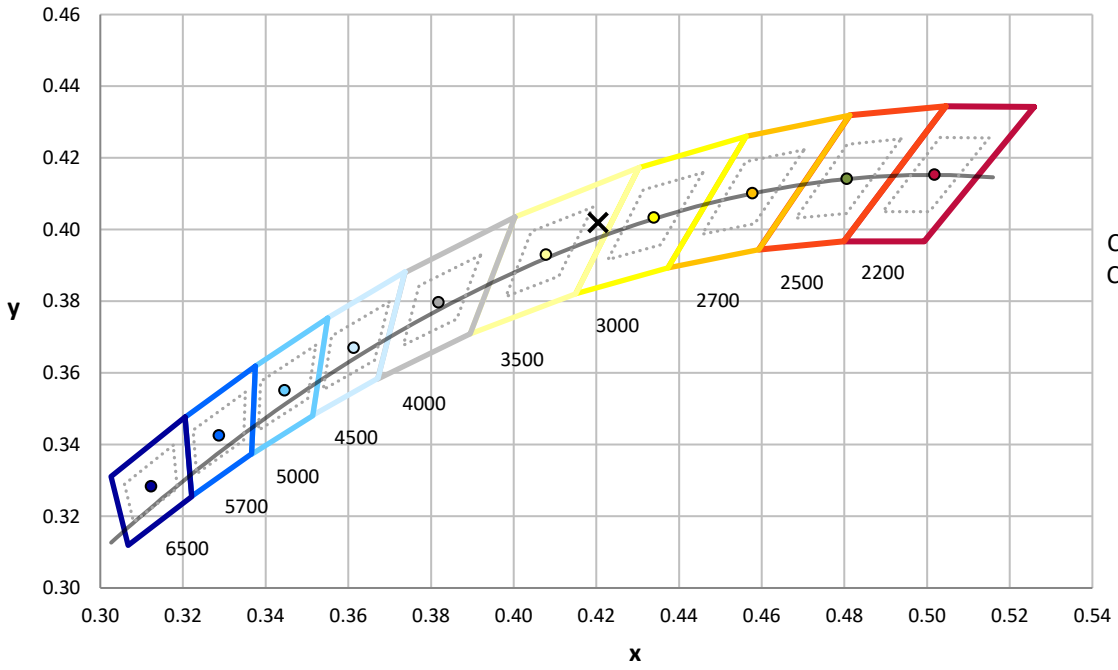
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-7

CIE 1931 Chromaticity Diagram



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

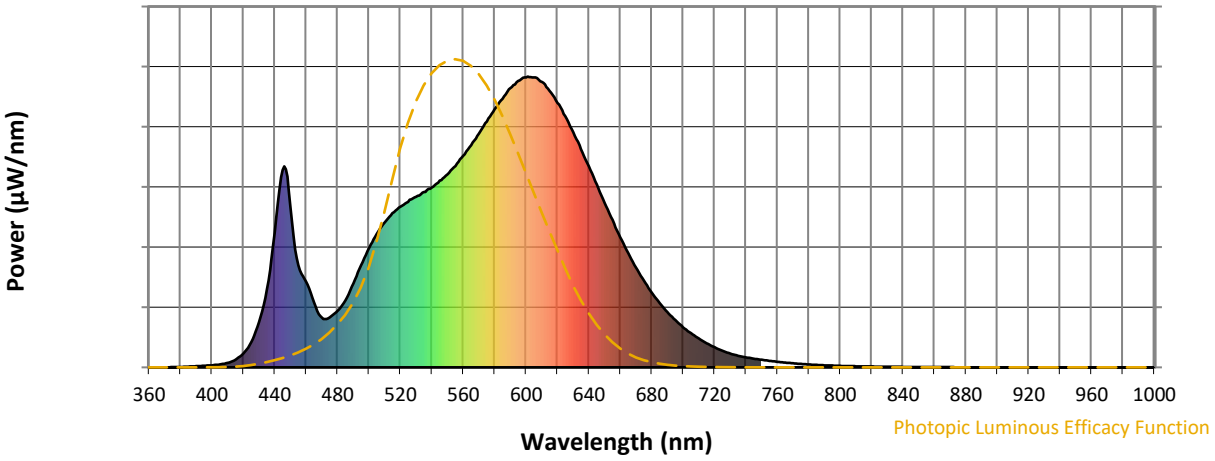


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-7

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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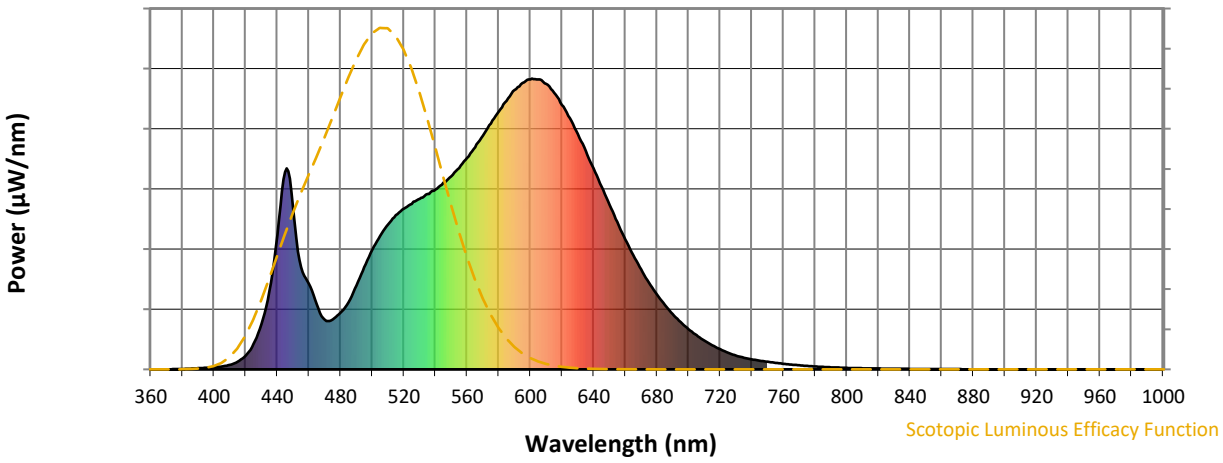
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.44**

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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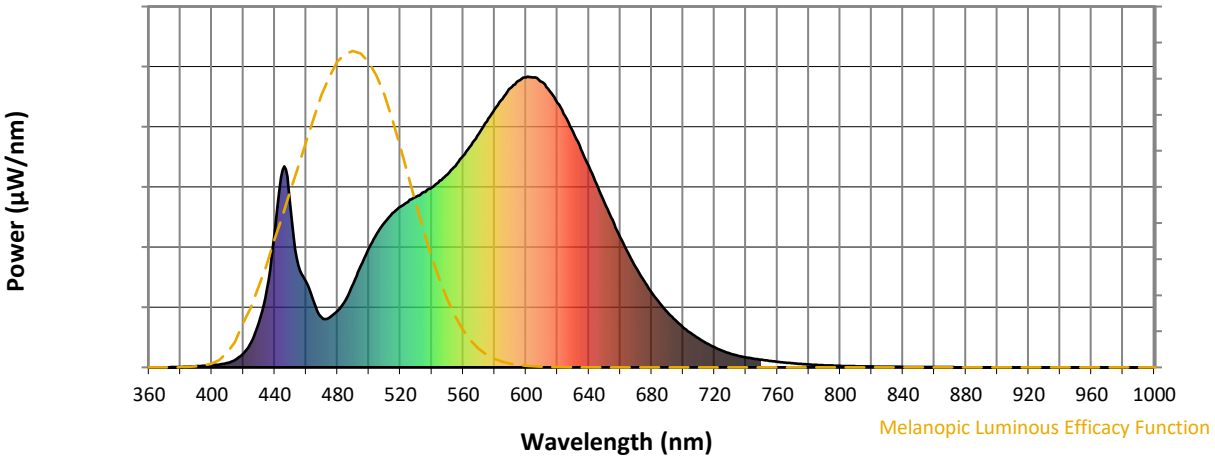
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.79**

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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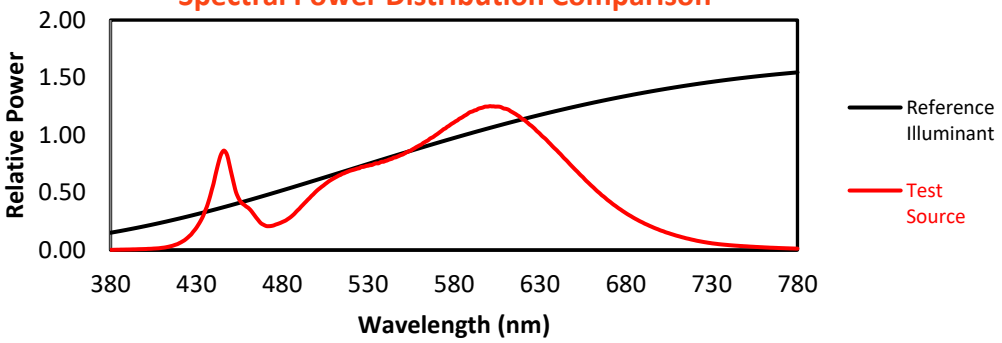
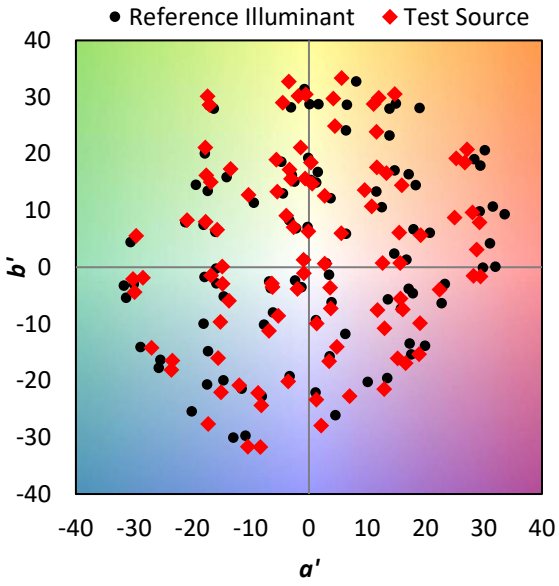
Summary

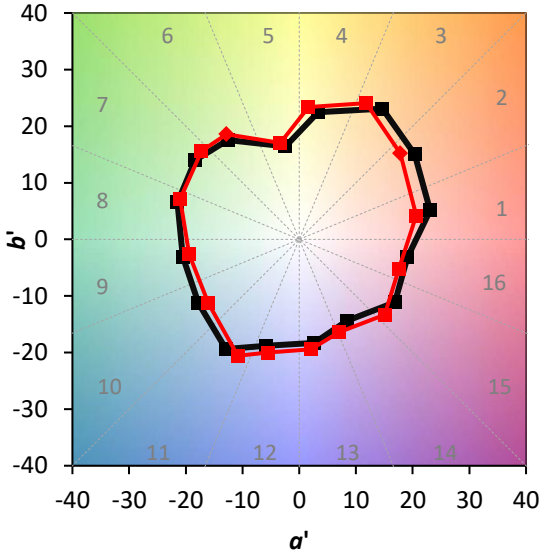
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

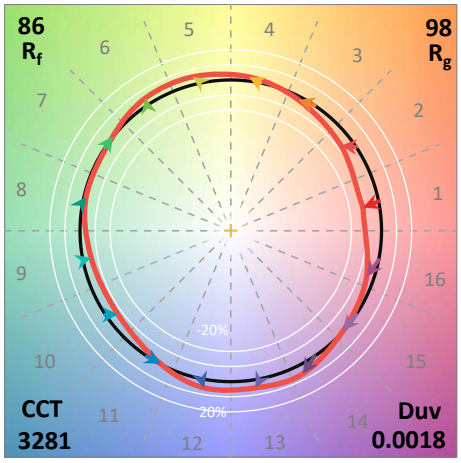
Spectral Power Distribution Comparison

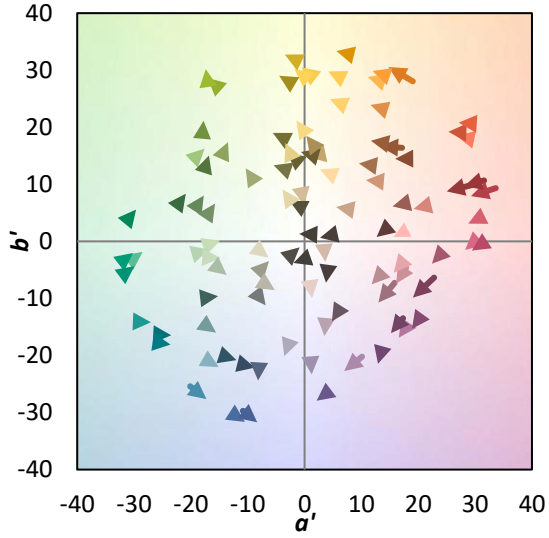


Color Vector Graphics









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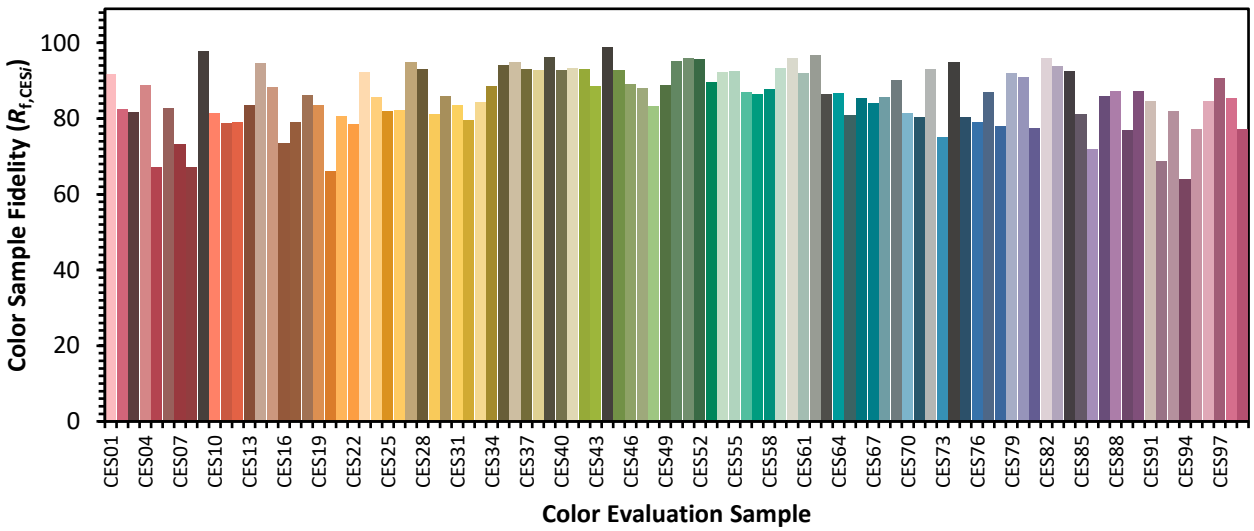
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 82	CES51 = 96	CES76 = 79
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 78
CES04 = 70	CES29 = 81	CES54 = 92	CES79 = 92
CES05 = 49	CES30 = 86	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 77
CES07 = 42	CES32 = 80	CES57 = 86	CES82 = 96
CES08 = 40	CES33 = 84	CES58 = 88	CES83 = 94
CES09 = 29	CES34 = 89	CES59 = 93	CES84 = 93
CES10 = 75	CES35 = 94	CES60 = 96	CES85 = 81
CES11 = 58	CES36 = 95	CES61 = 92	CES86 = 72
CES12 = 64	CES37 = 93	CES62 = 97	CES87 = 86
CES13 = 43	CES38 = 93	CES63 = 87	CES88 = 87
CES14 = 74	CES39 = 96	CES64 = 87	CES89 = 77
CES15 = 71	CES40 = 93	CES65 = 81	CES90 = 87
CES16 = 47	CES41 = 93	CES66 = 85	CES91 = 85
CES17 = 50	CES42 = 93	CES67 = 84	CES92 = 69
CES18 = 56	CES43 = 89	CES68 = 86	CES93 = 82
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 93	CES70 = 81	CES95 = 77
CES21 = 86	CES46 = 89	CES71 = 80	CES96 = 85
CES22 = 79	CES47 = 88	CES72 = 93	CES97 = 91
CES23 = 92	CES48 = 83	CES73 = 75	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 80	



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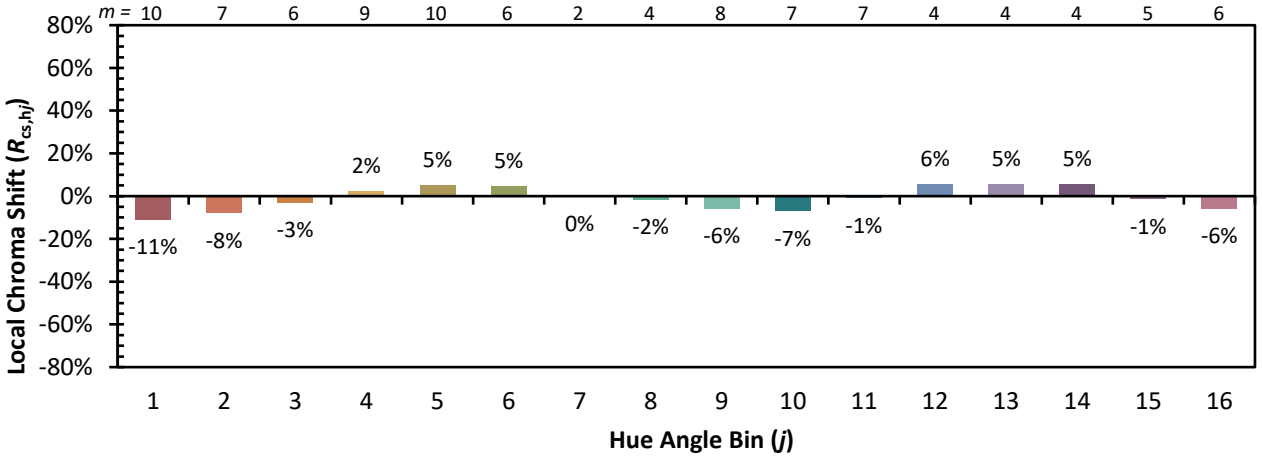
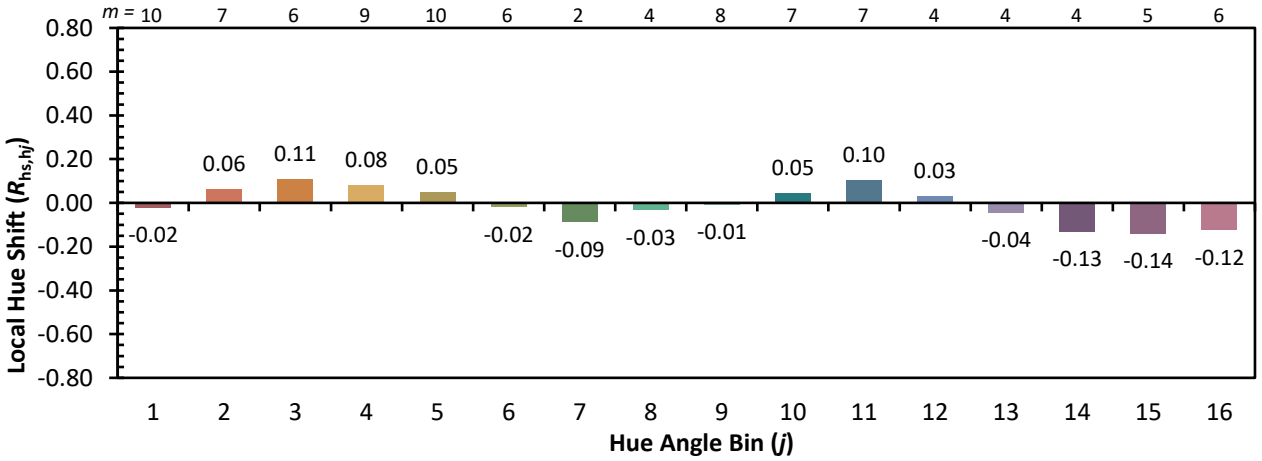
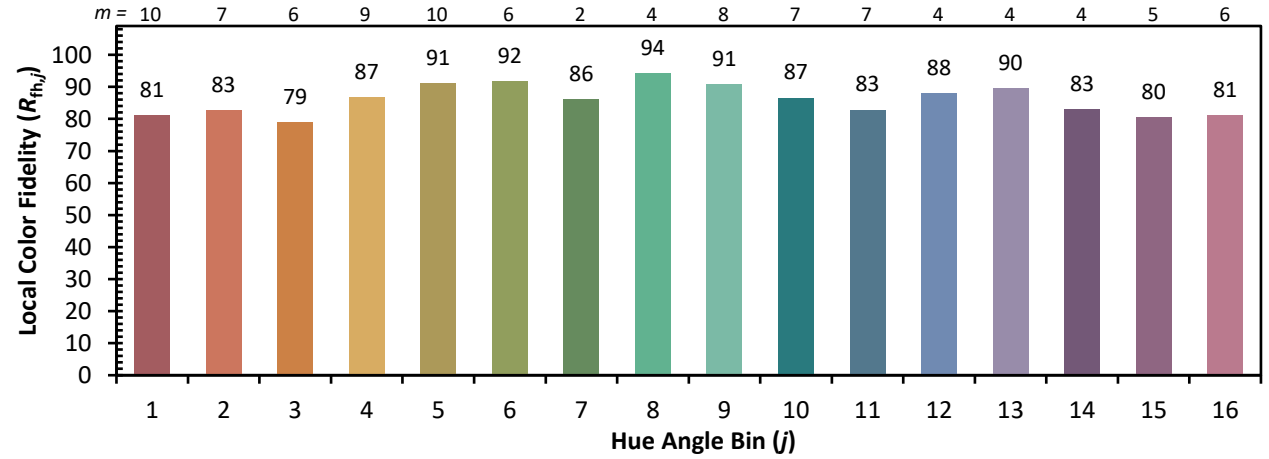
Color Rendition by Hue-Angle Bin







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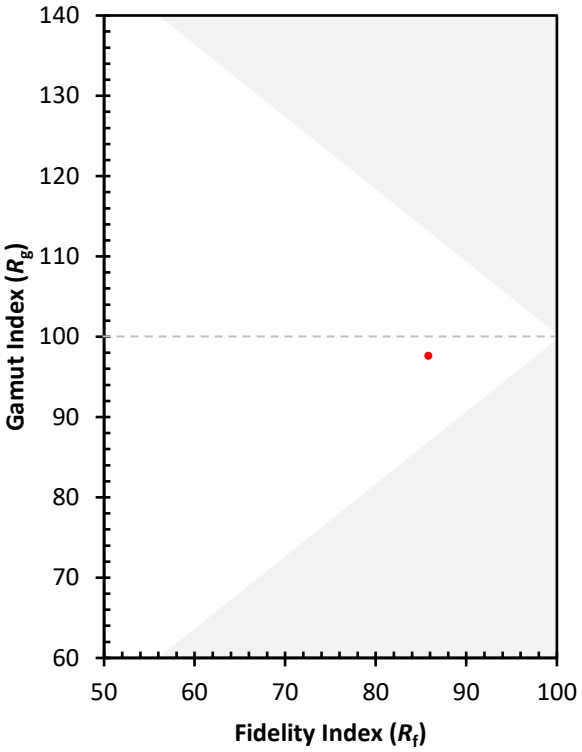
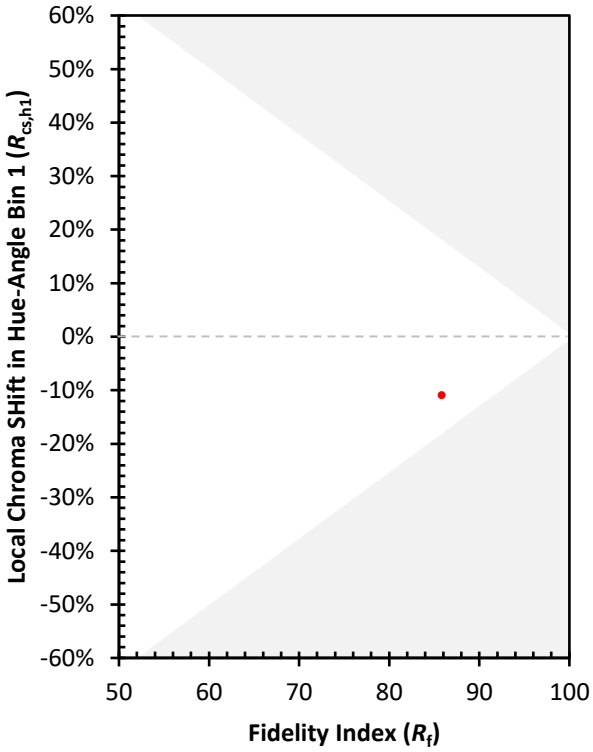
Measure Comparisons





(END OF REPORT)