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: P1442095

Luminaire Tested: LXB-C1-830-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:	P1442095
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-28)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C1-830-X-U-A-GM
Description:	LuxeScape OUTDOOR ARCHITECTURAL BOLLARD LUMINAIRE
	ASYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	517.7 lumens
Efficiency:	N/A
Efficacy:	48.4 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G0

Input Watts (W):	10.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9837
Total Harmonic Distortion (THDi):	0.0990467
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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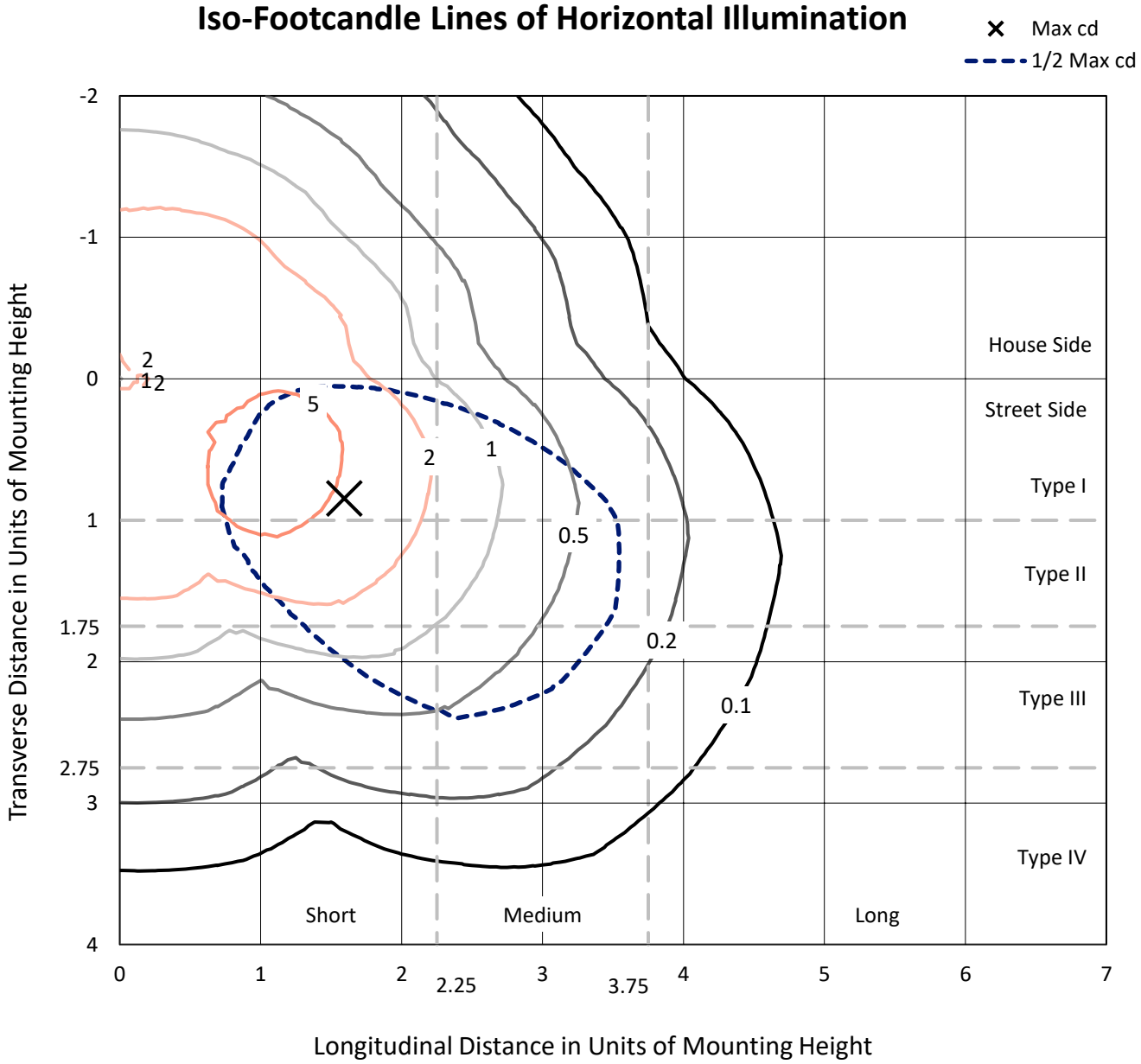
REPORT NUMBER: P1442095
CATALOG NUMBER: LXB-C1-830-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1442095
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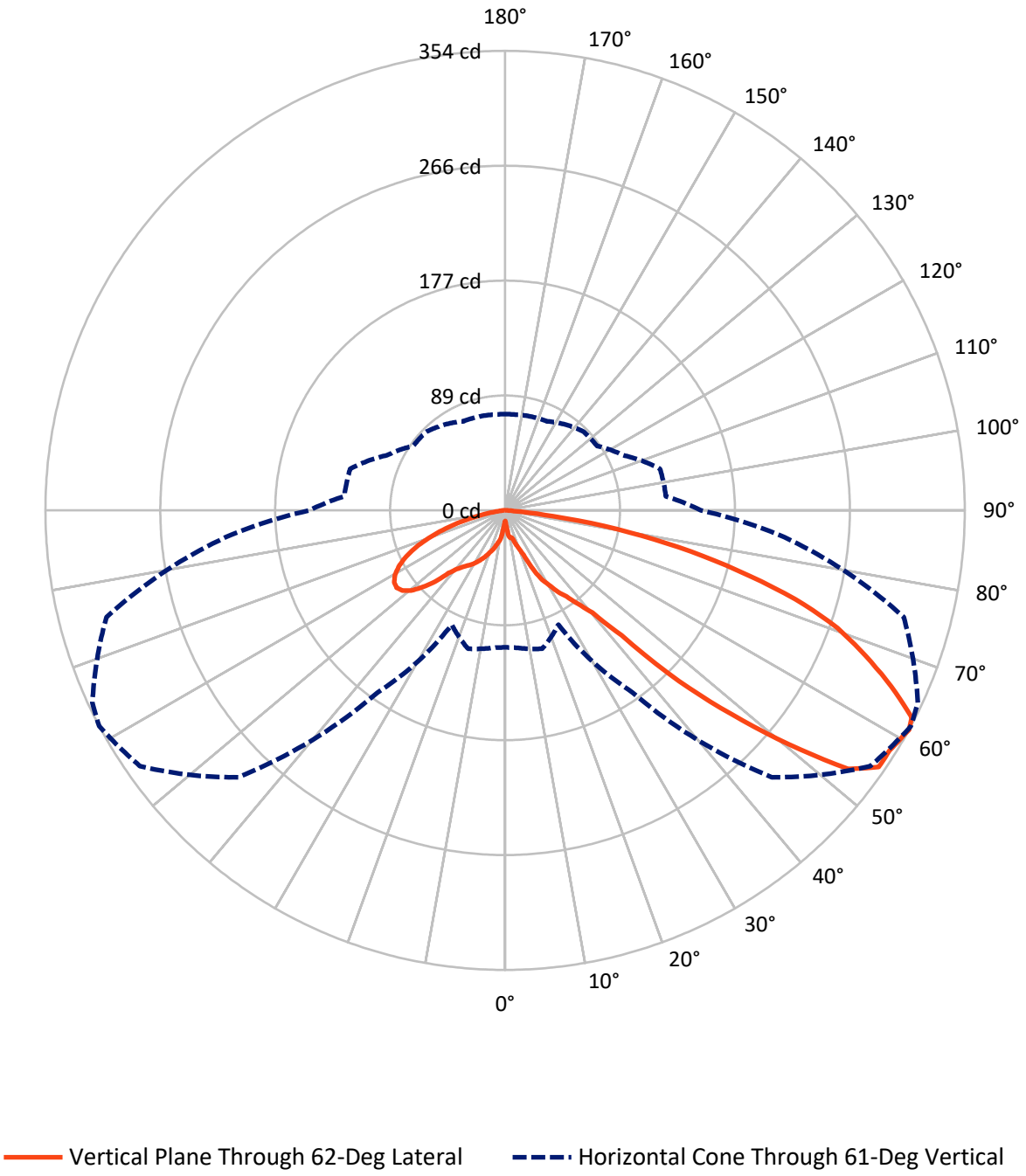
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442095
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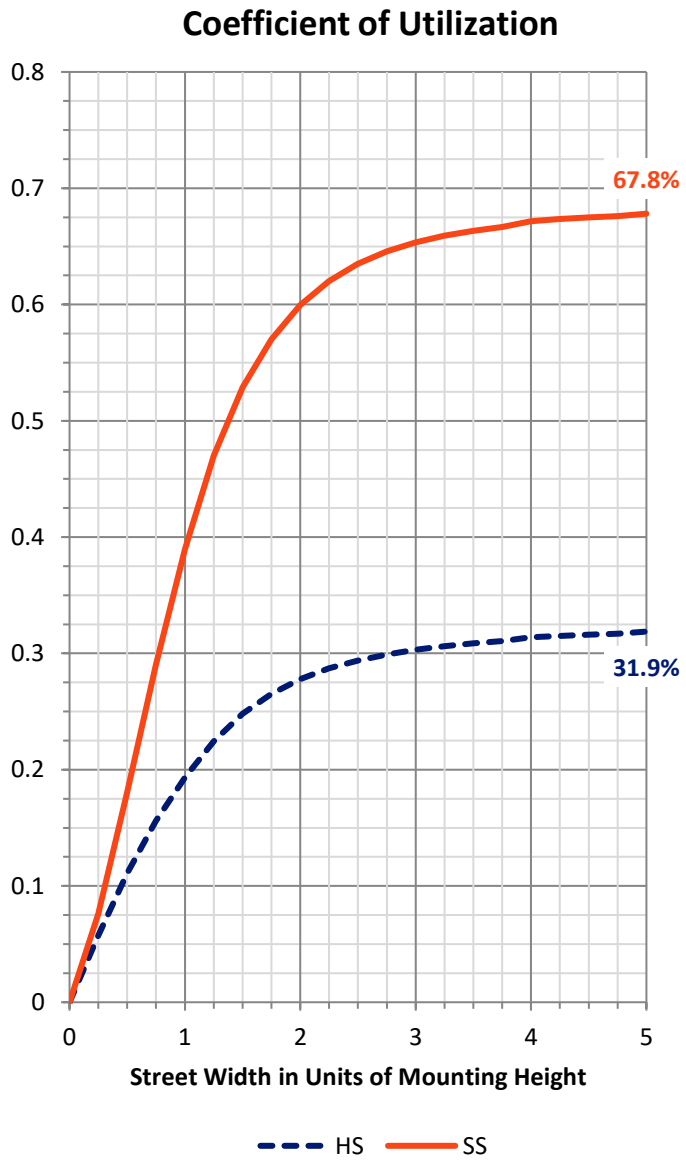
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	166.0	0.0	166.0
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	351.7	0.0	351.7
	% Fixture	67.9	0.0	67.9
Total	Lumens	517.7	0.0	517.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.3
10°-20°	8.7	1.7
20°-30°	20.2	3.9
30°-40°	37.5	7.2
40°-50°	79.7	15.4
50°-60°	140.2	27.1
60°-70°	139.4	26.9
70°-80°	79.7	15.4
80°-90°	10.4	2.0
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°	517.7	100.0
0°-180°	517.7	100.0



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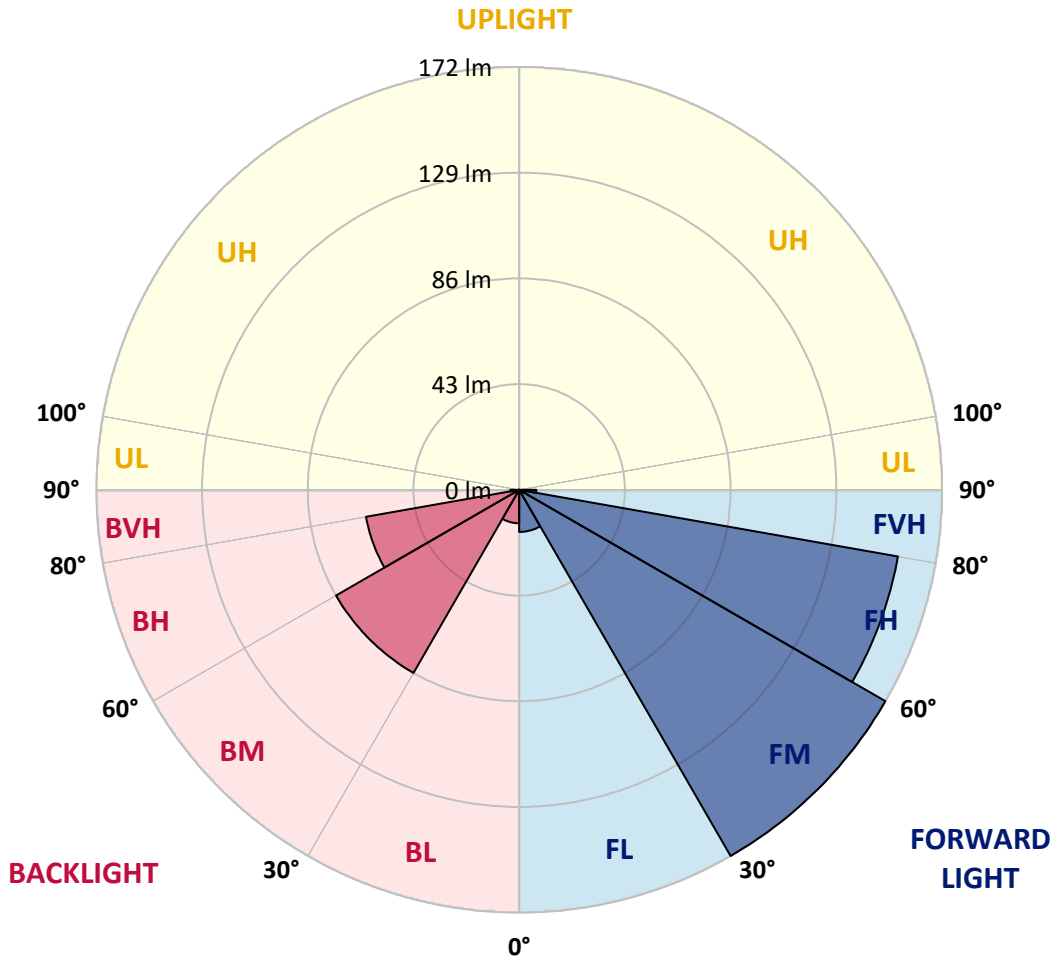
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	17.1	3.3			
FM	(30°-60°)	171.6	33.1			
FH	(60°-80°)	156.0	30.1			G0/660
FVH	(80°-90°)	6.9	1.3			G0/10
BL	(0°-30°)	13.6	2.6	B0/110		
BM	(30°-60°)	85.8	16.6	B0/220		
BH	(60°-80°)	63.1	12.2	B0/110		G0/110
BVH	(80°-90°)	3.5	0.7			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0
Type III Short



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REPORT NUMBER: P1442095
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	*8.2*	8.2	8.2	8.2
2.5°	10.7	10.7	10.7	11.5	10.7	9.9	9.9	*9.9*	9.9	9.1	9.1
5°	18.1	18.1	18.1	17.3	16.5	16.5	14.8	*14.0*	13.2	12.4	12.4
7.5°	28.0	27.2	29.7	28.8	25.5	22.2	20.6	*19.8*	19.0	18.1	17.3
10°	35.4	37.1	33.8	33.0	31.3	27.2	23.1	*21.4*	20.6	19.8	18.1
12.5°	41.2	38.7	37.1	37.9	33.8	28.8	24.7	*21.4*	20.6	19.8	19.0
15°	43.7	44.5	43.7	42.0	37.1	30.5	25.5	*23.1*	23.1	21.4	22.2
17.5°	48.6	48.6	47.8	42.8	38.7	32.1	28.8	*28.0*	27.2	24.7	24.7
20°	51.9	52.7	52.7	44.5	40.4	35.4	33.8	*32.1*	31.3	29.7	27.2
22.5°	55.2	56.9	55.2	48.6	43.7	39.6	39.6	*38.7*	37.9	34.6	33.0
25°	59.3	59.3	57.7	50.3	47.0	44.5	49.4	*50.3*	48.6	41.2	38.7
27.5°	62.6	63.4	60.2	54.4	50.3	51.9	60.2	*60.2*	59.3	48.6	43.7
30°	65.9	65.9	63.4	56.9	53.6	59.3	66.7	*66.7*	66.7	59.3	49.4
32.5°	68.4	68.4	65.9	59.3	56.9	65.9	73.3	*75.0*	74.2	66.7	54.4
35°	70.0	70.9	67.6	61.8	60.2	72.5	79.9	*81.6*	81.6	75.0	59.3
37.5°	73.3	73.3	70.9	63.4	65.1	81.6	89.8	*91.5*	91.5	84.0	65.9
40°	76.6	75.8	74.2	67.6	70.9	93.1	101.4	*103.8*	103.8	97.2	74.2
42.5°	81.6	81.6	79.9	73.3	81.6	117.0	126.1	*131.8*	131.8	122.0	91.5
45°	95.6	95.6	96.4	89.0	103.8	161.5	182.1	*187.9*	186.2	168.9	119.5
47.5°	103.0	102.2	106.3	96.4	123.6	200.2	225.8	*234.8*	233.2	216.7	148.3
50°	111.2	111.2	117.8	107.1	147.5	243.1	275.2	*283.5*	282.6	259.6	173.9
52.5°	113.7	114.5	122.8	112.1	163.2	274.4	319.7	*331.2*	328.8	294.2	193.6
55°	114.5	116.2	123.6	111.2	170.6	291.7	342.0	*349.4*	347.7	313.1	206.0
57.5°	112.9	114.5	119.5	104.6	173.9	294.2	342.0	*349.4*	346.9	318.1	211.8
60°	107.9	109.6	113.7	99.7	173.0	292.5	341.1	*352.7*	349.4	318.9	212.6
61°	*105.5*	*106.3*	*110.4*	*97.2*	*171.4*	*290.9*	*343.6*	*354.3*	*351.0*	*318.1*	*210.9*
62.5°	100.5	102.2	105.5	92.3	166.4	286.8	341.1	*351.8*	349.4	314.8	206.8
65°	90.6	92.3	93.9	82.4	157.4	272.7	321.4	*327.1*	326.3	296.6	194.5
67.5°	79.1	79.9	82.4	71.7	145.0	252.1	292.5	*299.9*	298.3	272.7	178.8
70°	65.9	66.7	69.2	59.3	130.2	225.0	263.7	*271.9*	270.3	245.6	159.9
72.5°	51.1	51.9	53.6	46.1	110.4	192.0	225.8	*234.0*	233.2	211.8	136.8
75°	36.3	37.1	38.7	33.8	86.5	155.7	180.5	*185.4*	187.0	171.4	107.9
77.5°	23.1	23.1	23.9	21.4	61.8	113.7	132.7	*136.8*	138.4	126.1	78.3
80°	12.4	12.4	12.4	11.5	35.4	70.9	83.2	*87.3*	86.5	79.9	47.0
82.5°	5.8	5.8	5.8	4.9	13.2	27.2	33.8	*37.1*	39.6	33.8	19.0
85°	2.5	2.5	3.3	1.6	3.3	4.9	5.8	*6.6*	7.4	7.4	4.9
87.5°	2.5	2.5	2.5	0.8	1.6	2.5	3.3	*3.3*	3.3	2.5	2.5
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: P1442095
CATALOG NUMBER: LXB-C1-830-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
2.5°	9.1	9.1	9.1	9.1	10.7	9.9	9.9	9.1	8.2	8.2	8.2
5°	11.5	10.7	11.5	13.2	13.2	14.0	14.8	14.8	14.0	14.0	14.0
7.5°	17.3	16.5	16.5	17.3	19.8	22.2	22.2	20.6	19.0	17.3	17.3
10°	18.1	18.1	19.0	21.4	27.2	28.0	28.0	24.7	23.1	22.2	22.2
12.5°	19.0	19.0	20.6	23.1	29.7	29.7	29.7	28.0	25.5	23.1	23.1
15°	22.2	22.2	23.9	27.2	30.5	32.1	33.0	31.3	28.0	22.2	22.2
17.5°	24.7	26.4	28.0	30.5	33.0	34.6	34.6	33.0	28.0	23.9	22.2
20°	28.0	29.7	33.8	33.8	34.6	36.3	36.3	33.8	27.2	23.9	23.1
22.5°	32.1	34.6	37.9	37.1	37.1	37.9	38.7	35.4	28.0	24.7	23.9
25°	38.7	39.6	41.2	40.4	40.4	38.7	41.2	37.9	31.3	27.2	27.2
27.5°	43.7	43.7	45.3	43.7	42.8	42.0	42.8	40.4	33.8	30.5	29.7
30°	47.0	47.8	49.4	47.0	45.3	43.7	44.5	42.0	36.3	33.0	33.0
32.5°	51.1	51.9	51.9	50.3	47.0	45.3	46.1	42.8	37.1	35.4	34.6
35°	55.2	55.2	55.2	52.7	49.4	47.8	47.8	44.5	38.7	37.1	36.3
37.5°	59.3	59.3	59.3	56.0	51.9	50.3	49.4	46.1	41.2	39.6	38.7
40°	65.9	64.3	64.3	60.2	55.2	52.7	51.9	47.0	43.7	42.0	42.0
42.5°	78.3	75.0	74.2	66.7	61.0	57.7	56.0	51.1	47.8	46.1	45.3
45°	98.1	91.5	91.5	79.1	71.7	69.2	66.7	60.2	57.7	55.2	54.4
47.5°	117.0	107.1	107.1	89.8	79.1	77.5	74.2	66.7	64.3	61.8	61.0
50°	135.1	120.3	120.3	98.9	86.5	84.9	80.8	75.0	71.7	69.2	69.2
52.5°	148.3	130.2	130.2	104.6	90.6	89.8	85.7	79.1	75.8	73.3	73.3
55°	154.1	132.7	132.7	107.1	92.3	91.5	87.3	81.6	77.5	75.8	75.8
57.5°	154.9	130.2	130.2	106.3	91.5	90.6	84.9	79.1	77.5	76.6	75.8
60°	152.4	126.1	126.1	103.0	88.2	87.3	82.4	76.6	75.8	75.0	75.0
61°	*150.8*	*124.4*	*123.6*	*100.5*	*86.5*	*85.7*	*80.8*	*75.8*	*75.0*	*74.2*	*74.2*
62.5°	148.3	120.3	120.3	97.2	83.2	83.2	78.3	74.2	72.5	72.5	72.5
65°	138.4	111.2	110.4	89.8	76.6	76.6	72.5	70.0	68.4	68.4	68.4
67.5°	125.2	98.9	98.1	79.9	68.4	68.4	65.1	63.4	62.6	62.6	63.4
70°	109.6	85.7	84.0	68.4	58.5	59.3	56.0	56.9	56.0	56.0	56.9
72.5°	93.1	70.9	69.2	55.2	47.8	49.4	47.8	49.4	47.8	48.6	49.4
75°	72.5	54.4	52.7	41.2	37.1	38.7	37.9	40.4	39.6	40.4	40.4
77.5°	50.3	37.1	35.4	28.0	26.4	28.0	28.0	30.5	29.7	31.3	31.3
80°	28.8	22.2	20.6	16.5	16.5	17.3	18.1	20.6	20.6	21.4	22.2
82.5°	11.5	9.1	9.1	7.4	8.2	9.1	9.1	11.5	11.5	12.4	12.4
85°	2.5	3.3	4.1	3.3	3.3	3.3	2.5	4.1	4.1	4.9	4.9
87.5°	1.6	1.6	2.5	2.5	2.5	2.5	1.6	2.5	3.3	4.1	4.1
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

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

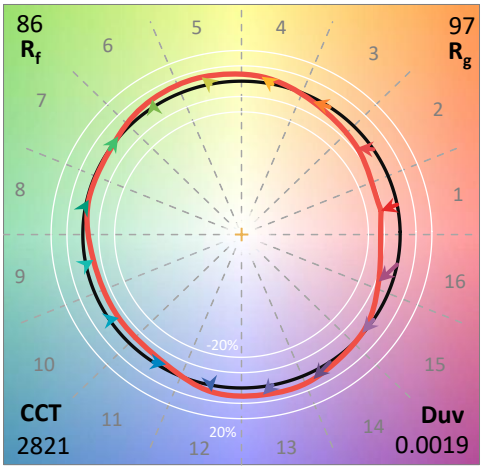
Test Information

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

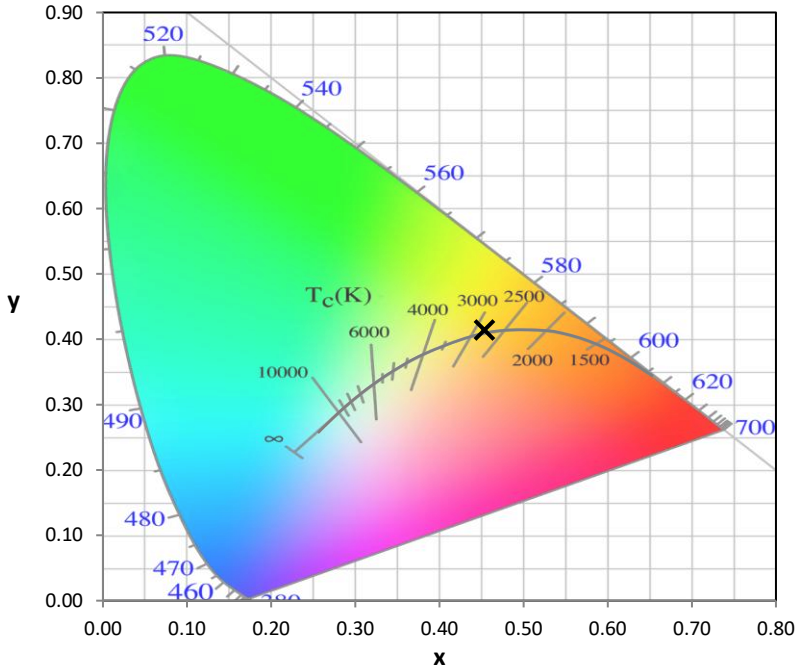
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-5

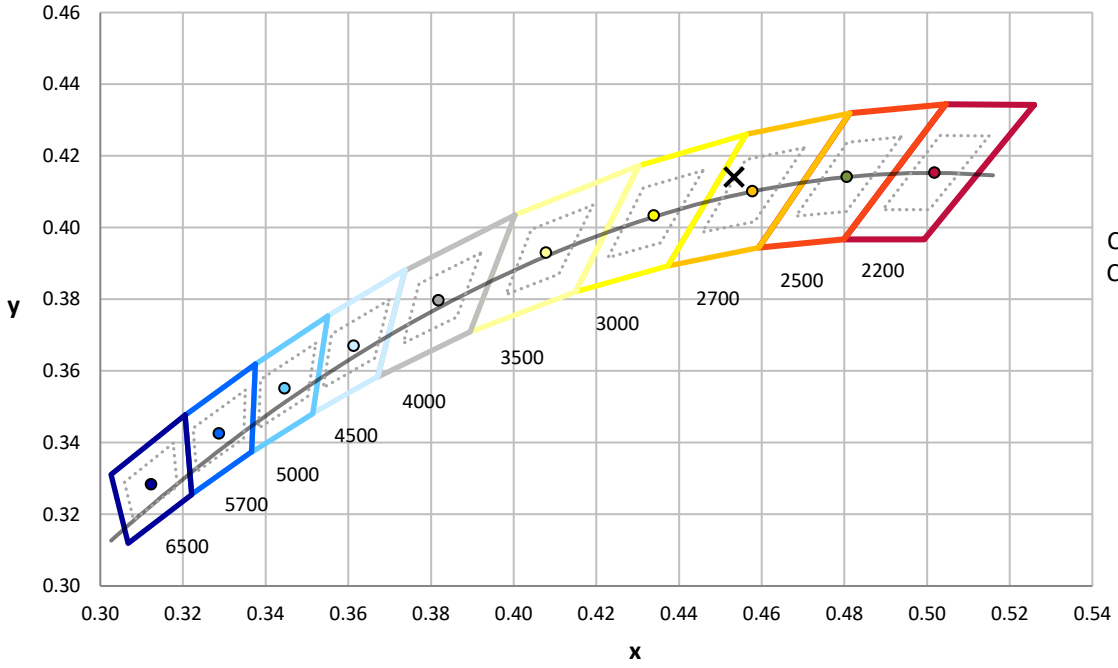
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

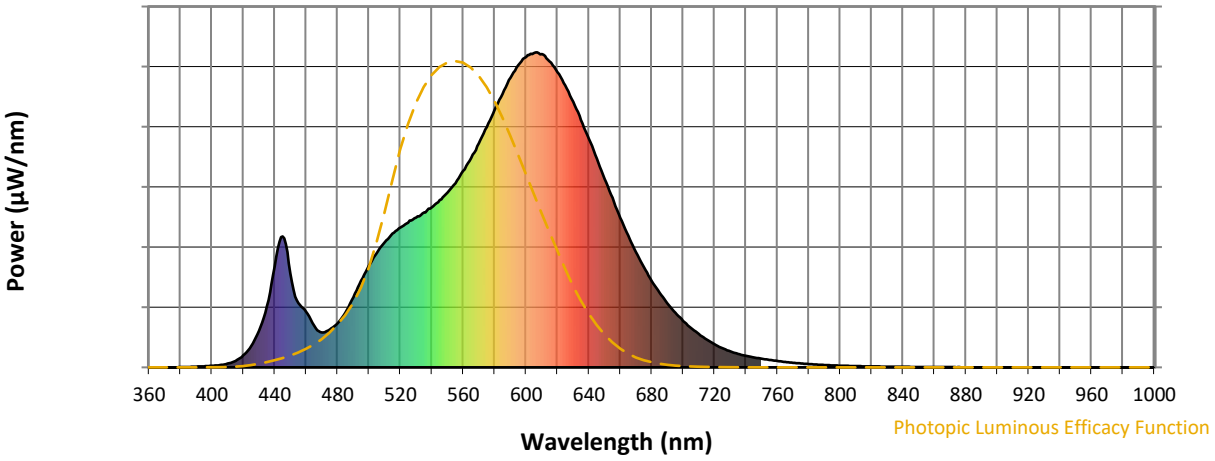


CCT = 2821K
CIE x = 0.4533
CIE y = 0.4141
Duv = 0.0019

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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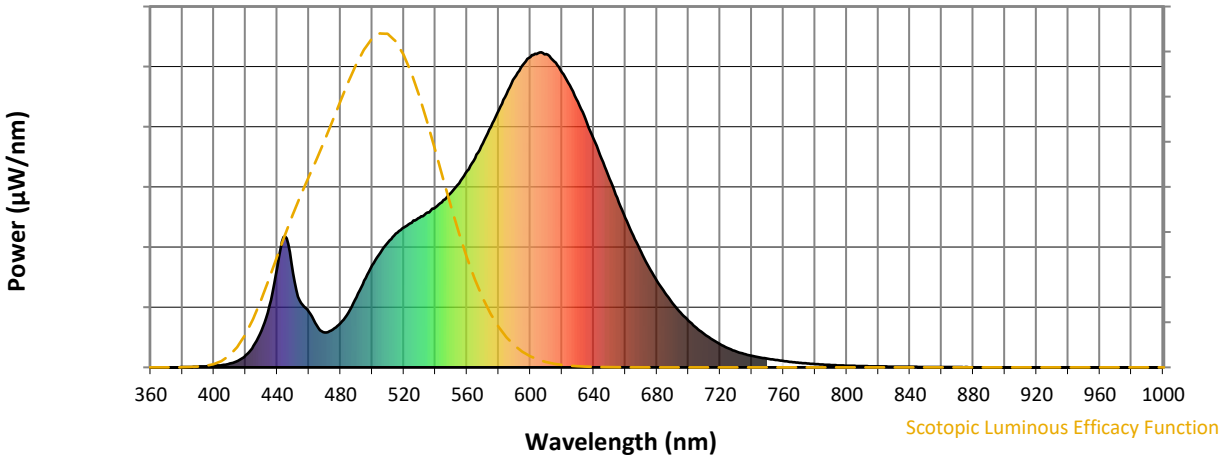
Scotopic Flux vs. Wavelength



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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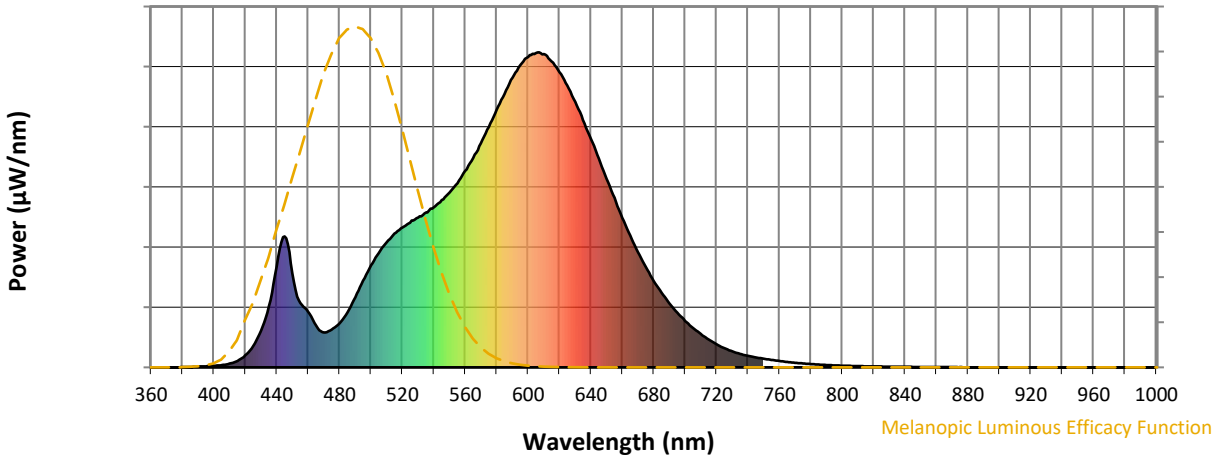
Melanopic Flux vs. Wavelength



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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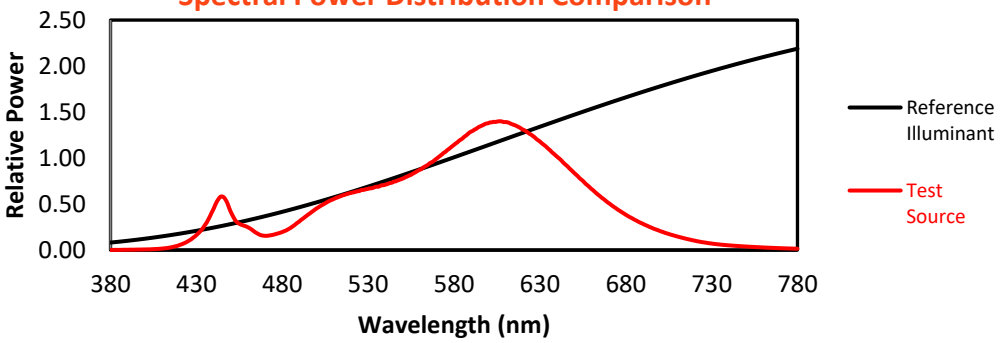
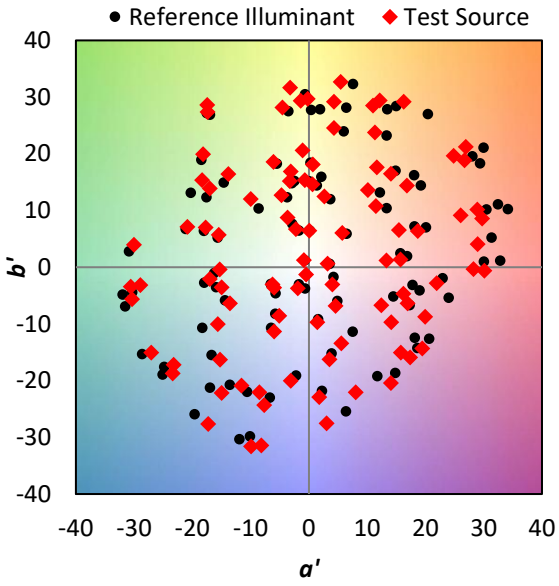
Summary

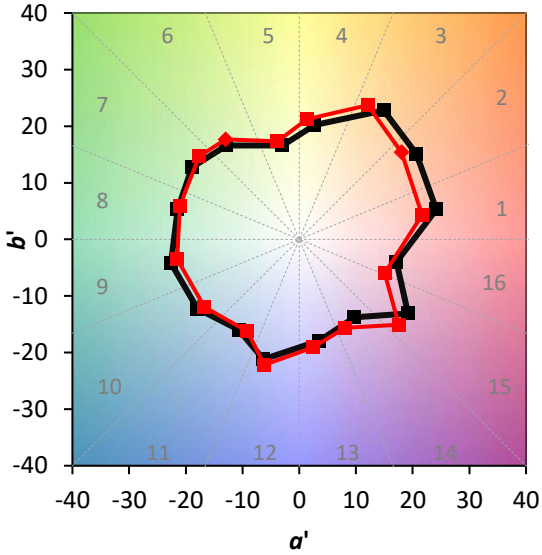
R_f = 86.1
R_g = 97.2
CIE R_a = 83.8
R_9 = 8.2

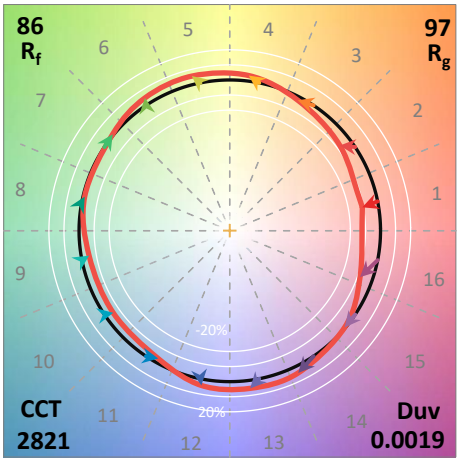
Spectral Power Distribution Comparison

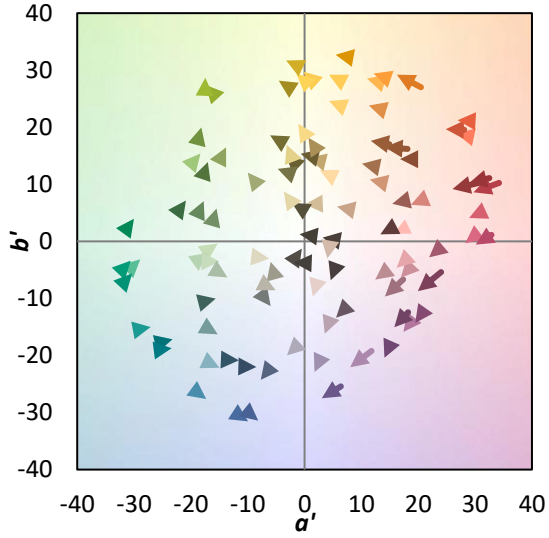


Color Vector Graphics









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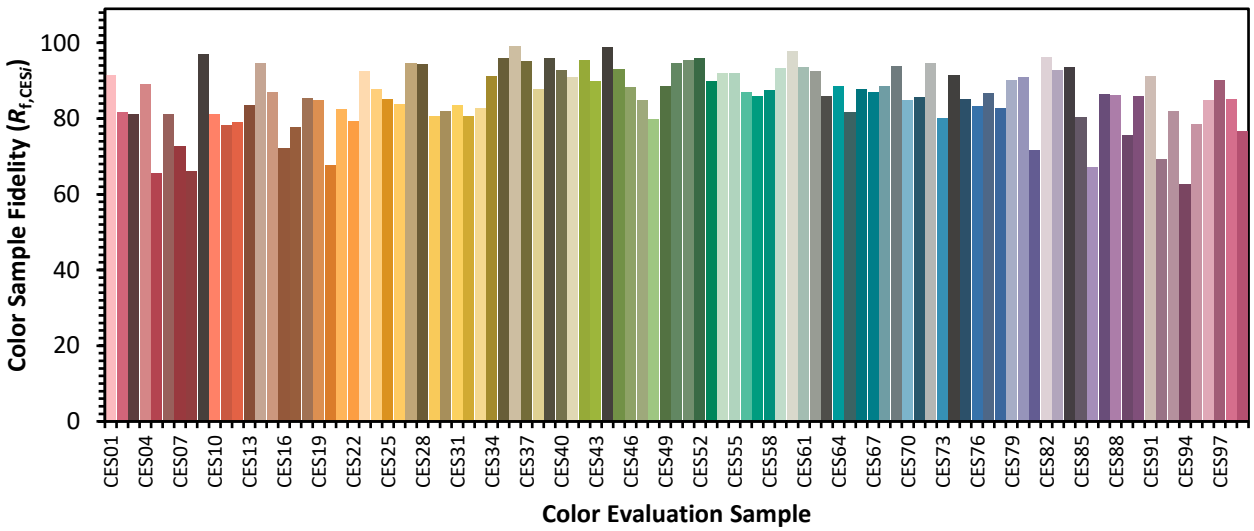
Individual Sample Fidelity Index ($R_{f,i}$)

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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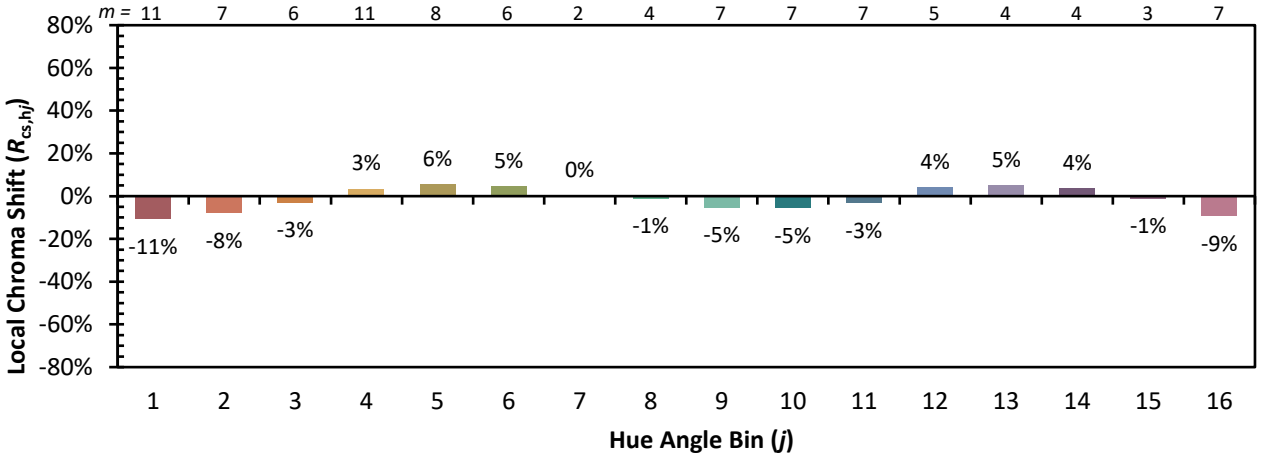
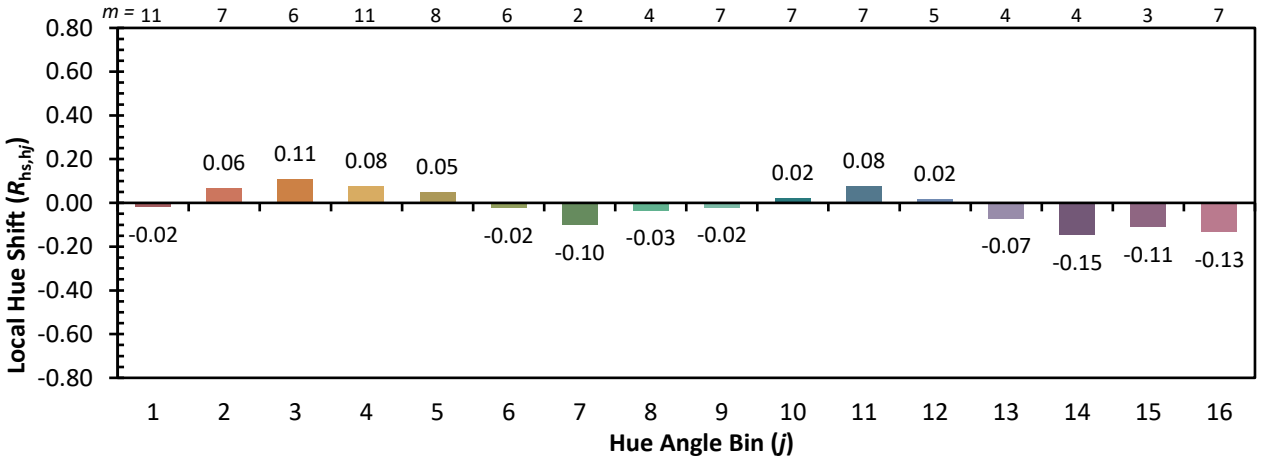
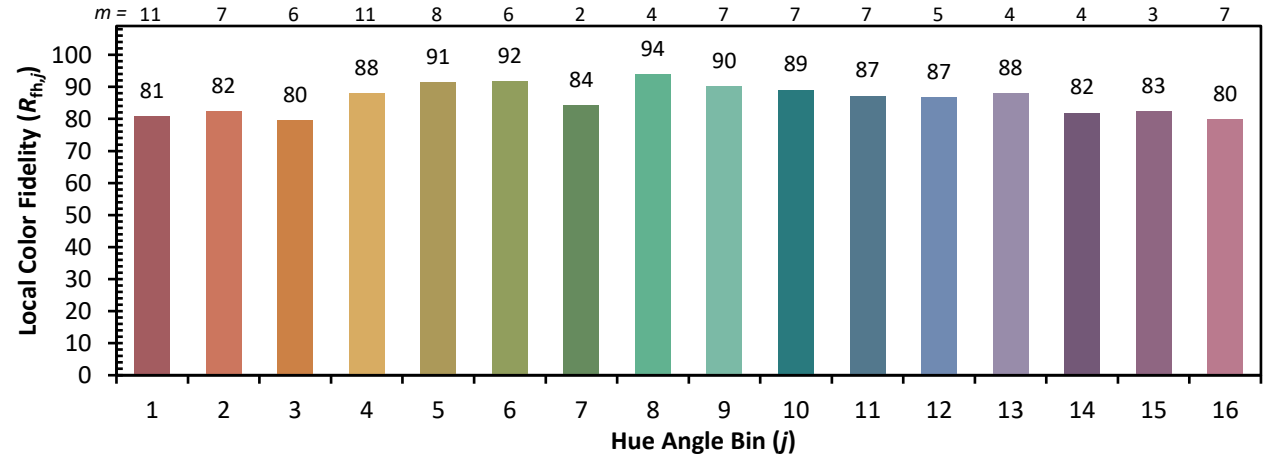
Color Rendition by Hue-Angle Bin







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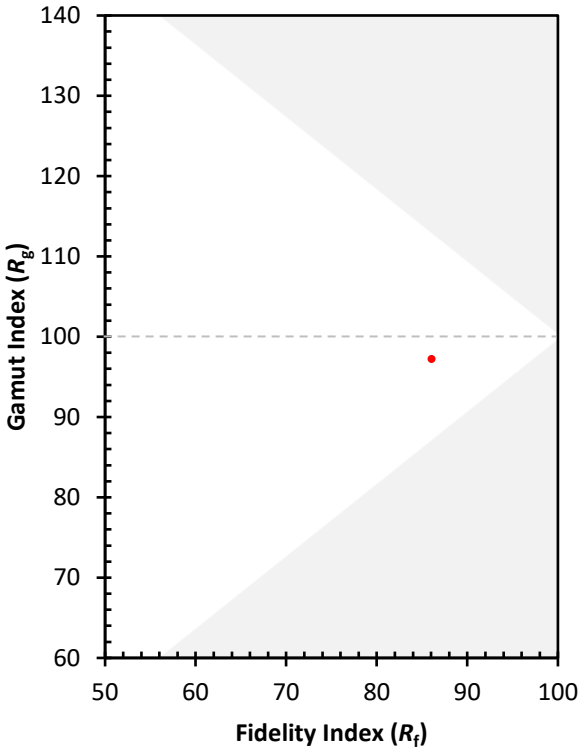
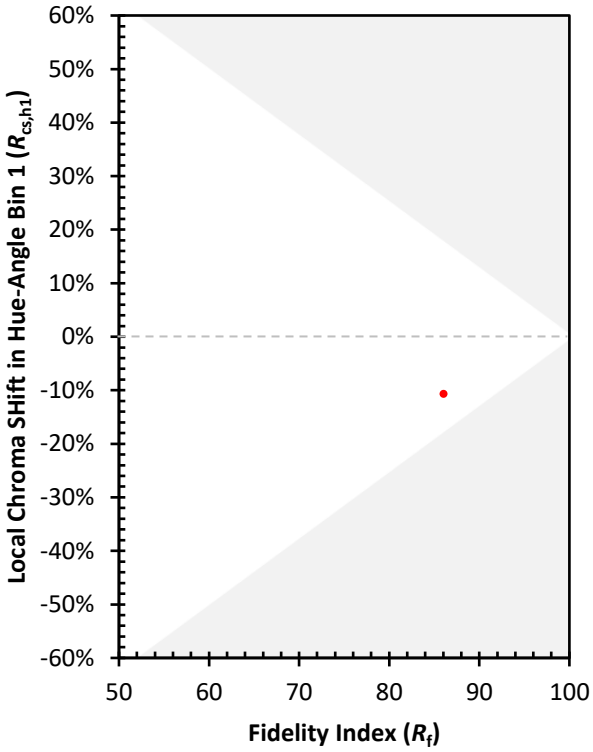
Measure Comparisons





(END OF REPORT)