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: P1442093

Luminaire Tested: LXB-C1-827-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:	P1442093
	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-C1-827-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:	498.8 lumens
Efficiency:	N/A
Efficacy:	46.6 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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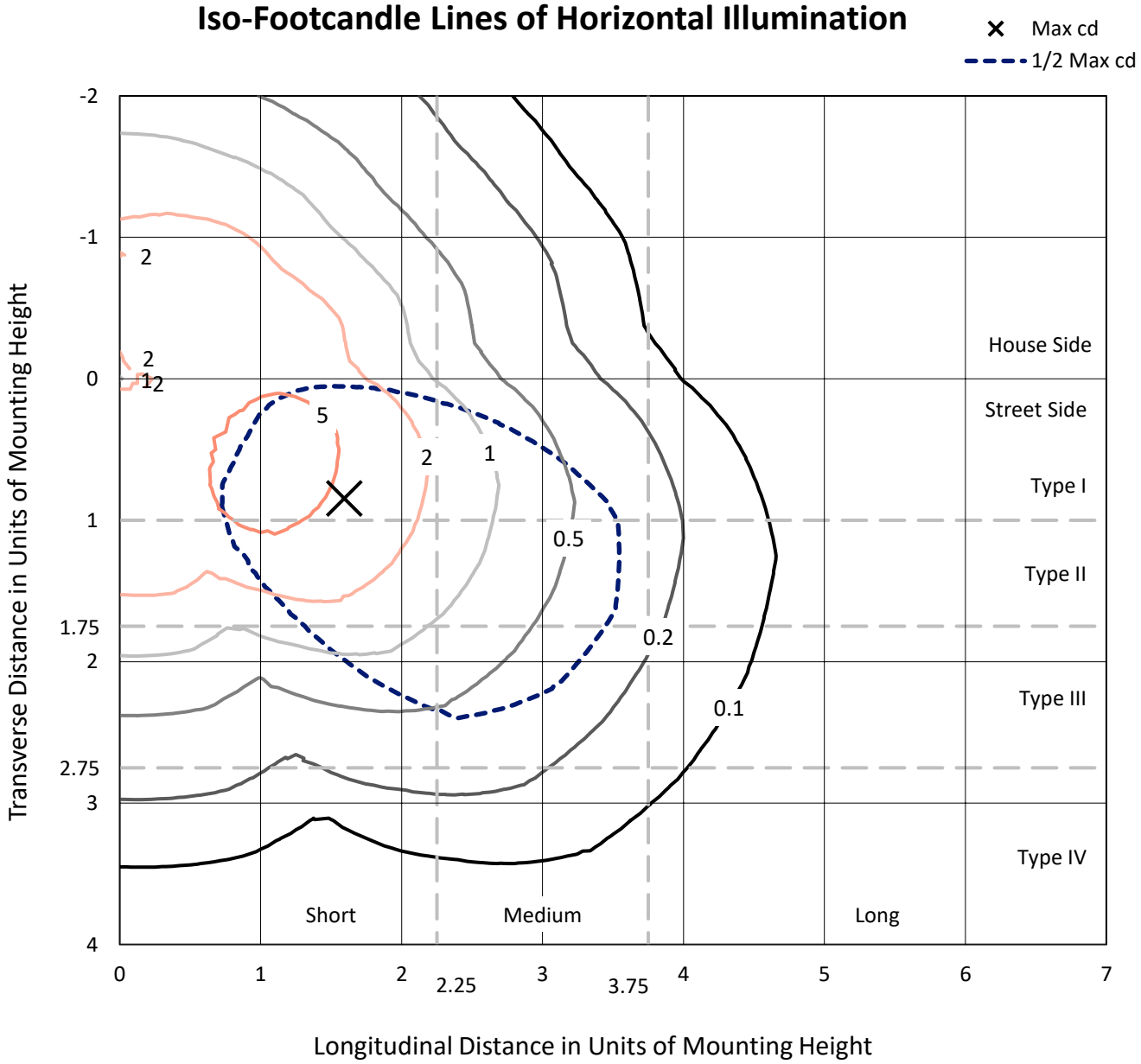
Scaled Data Report

REPORT NUMBER: P1442093
CATALOG NUMBER: LXB-C1-827-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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REPORT NUMBER: P1442093
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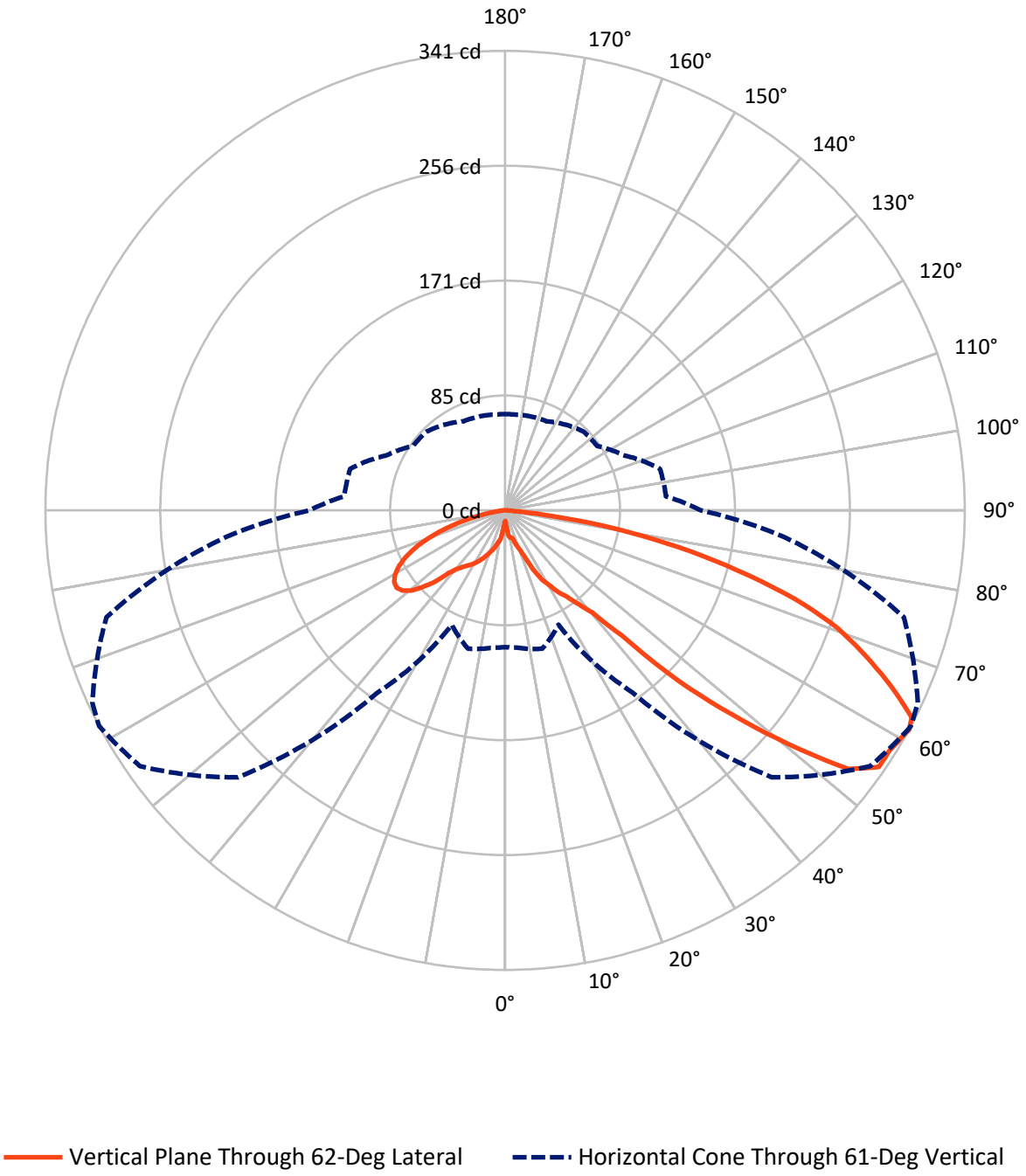
Luminous Intensity Polar Plot



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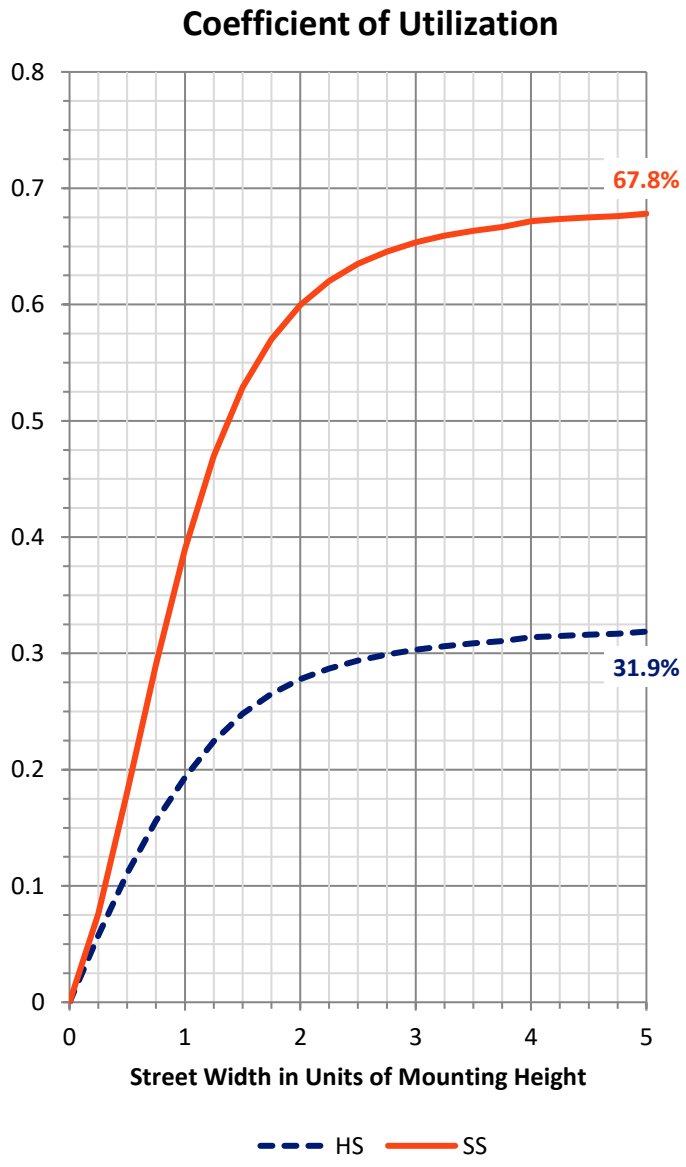
REPORT NUMBER: P1442093
CATALOG NUMBER: LXB-C1-827-X-U-A-GM

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	159.9	0.0	159.9
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	338.9	0.0	338.9
	% Fixture	67.9	0.0	67.9
Total	Lumens	498.8	0.0	498.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.3
10°-20°	8.3	1.7
20°-30°	19.5	3.9
30°-40°	36.1	7.2
40°-50°	76.8	15.4
50°-60°	135.1	27.1
60°-70°	134.3	26.9
70°-80°	76.8	15.4
80°-90°	10.1	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°	498.8	100.0
0°-180°	498.8	100.0



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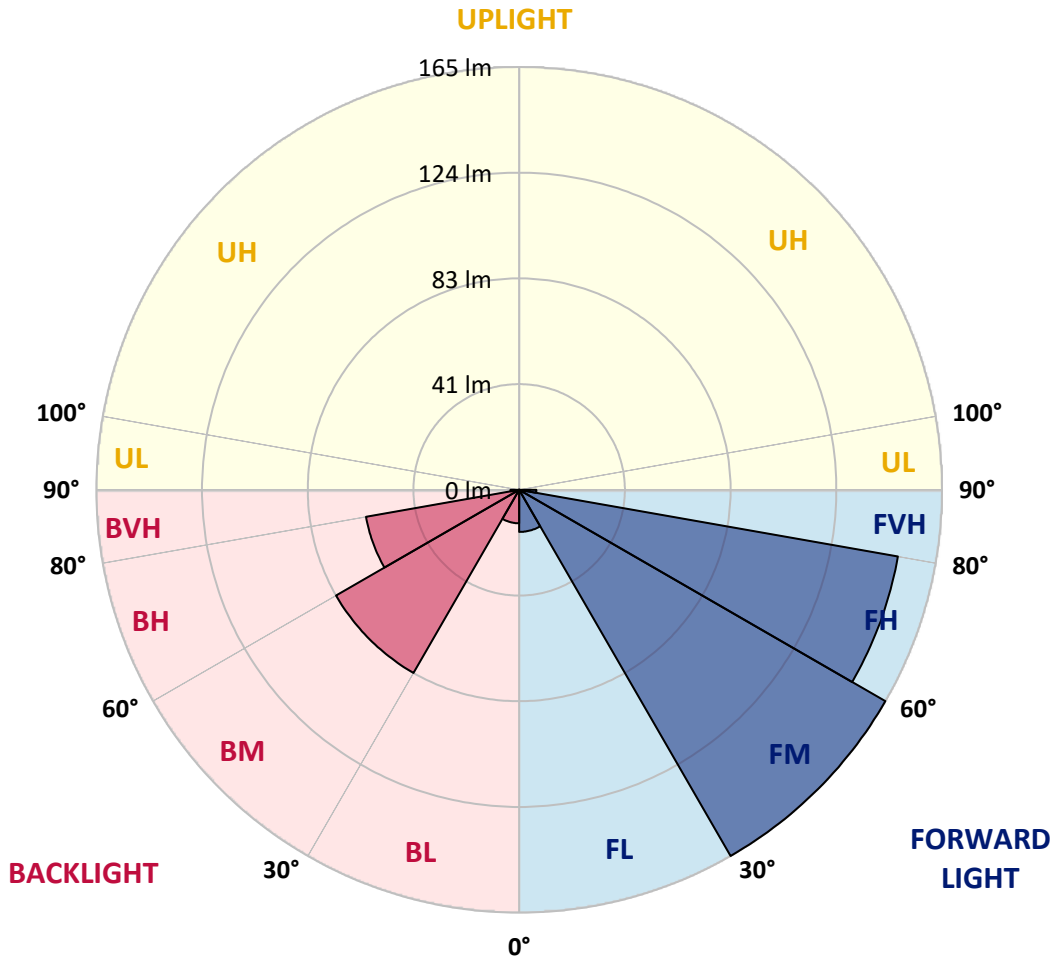
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	16.5	3.3			
FM	(30°-60°)	165.3	33.1			
FH	(60°-80°)	150.4	30.1			G0/660
FVH	(80°-90°)	6.7	1.3			G0/10
BL	(0°-30°)	13.1	2.6	B0/110		
BM	(30°-60°)	82.7	16.6	B0/220		
BH	(60°-80°)	60.8	12.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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: P1442093
CATALOG NUMBER: LXB-C1-827-X-U-A-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	*7.9*	7.9	7.9	7.9
2.5°	10.3	10.3	10.3	11.1	10.3	9.5	9.5	*9.5*	9.5	8.7	8.7
5°	17.5	17.5	17.5	16.7	15.9	15.9	14.3	*13.5*	12.7	11.9	11.9
7.5°	27.0	26.2	28.6	27.8	24.6	21.4	19.8	*19.1*	18.3	17.5	16.7
10°	34.1	35.7	32.6	31.8	30.2	26.2	22.2	*20.6*	19.8	19.1	17.5
12.5°	39.7	37.3	35.7	36.5	32.6	27.8	23.8	*20.6*	19.8	19.1	18.3
15°	42.1	42.9	42.1	40.5	35.7	29.4	24.6	*22.2*	22.2	20.6	21.4
17.5°	46.8	46.8	46.1	41.3	37.3	31.0	27.8	*27.0*	26.2	23.8	23.8
20°	50.0	50.8	50.8	42.9	38.9	34.1	32.6	*31.0*	30.2	28.6	26.2
22.5°	53.2	54.8	53.2	46.8	42.1	38.1	38.1	*37.3*	36.5	33.3	31.8
25°	57.2	57.2	55.6	48.4	45.3	42.9	47.6	*48.4*	46.8	39.7	37.3
27.5°	60.3	61.1	58.0	52.4	48.4	50.0	58.0	*58.0*	57.2	46.8	42.1
30°	63.5	63.5	61.1	54.8	51.6	57.2	64.3	*64.3*	64.3	57.2	47.6
32.5°	65.9	65.9	63.5	57.2	54.8	63.5	70.7	*72.3*	71.5	64.3	52.4
35°	67.5	68.3	65.1	59.6	58.0	69.9	77.0	*78.6*	78.6	72.3	57.2
37.5°	70.7	70.7	68.3	61.1	62.7	78.6	86.5	*88.1*	88.1	81.0	63.5
40°	73.8	73.0	71.5	65.1	68.3	89.7	97.7	*100.0*	100.0	93.7	71.5
42.5°	78.6	78.6	77.0	70.7	78.6	112.7	121.5	*127.0*	127.0	117.5	88.1
45°	92.1	92.1	92.9	85.8	100.0	155.6	175.5	*181.0*	179.4	162.8	115.1
47.5°	99.2	98.5	102.4	92.9	119.1	192.9	217.6	*226.3*	224.7	208.8	142.9
50°	107.2	107.2	113.5	103.2	142.1	234.2	265.2	*273.1*	272.3	250.1	167.5
52.5°	109.6	110.4	118.3	108.0	157.2	264.4	308.1	*319.2*	316.8	283.5	186.6
55°	110.4	112.0	119.1	107.2	164.4	281.1	329.5	*336.7*	335.1	301.7	198.5
57.5°	108.8	110.4	115.1	100.8	167.5	283.5	329.5	*336.7*	334.3	306.5	204.1
60°	104.0	105.6	109.6	96.1	166.7	281.9	328.7	*339.8*	336.7	307.3	204.9
61°	*101.6*	*102.4*	*106.4*	*93.7*	*165.2*	*280.3*	*331.1*	*341.4*	*338.2*	*306.5*	*203.3*
62.5°	96.9	98.5	101.6	88.9	160.4	276.3	328.7	*339.0*	336.7	303.3	199.3
65°	87.3	88.9	90.5	79.4	151.7	262.8	309.7	*315.2*	314.4	285.8	187.4
67.5°	76.2	77.0	79.4	69.1	139.7	243.0	281.9	*289.0*	287.4	262.8	172.3
70°	63.5	64.3	66.7	57.2	125.5	216.8	254.1	*262.0*	260.4	236.6	154.0
72.5°	49.2	50.0	51.6	44.5	106.4	185.0	217.6	*225.5*	224.7	204.1	131.8
75°	34.9	35.7	37.3	32.6	83.4	150.1	173.9	*178.6*	180.2	165.2	104.0
77.5°	22.2	22.2	23.0	20.6	59.6	109.6	127.8	*131.8*	133.4	121.5	75.4
80°	11.9	11.9	11.9	11.1	34.1	68.3	80.2	*84.2*	83.4	77.0	45.3
82.5°	5.6	5.6	5.6	4.8	12.7	26.2	32.6	*35.7*	38.1	32.6	18.3
85°	2.4	2.4	3.2	1.6	3.2	4.8	5.6	*6.4*	7.1	7.1	4.8
87.5°	2.4	2.4	2.4	0.8	1.6	2.4	3.2	*3.2*	3.2	2.4	2.4
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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Scaled Data Report

REPORT NUMBER: P1442093
CATALOG NUMBER: LXB-C1-827-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
2.5°	8.7	8.7	8.7	8.7	10.3	9.5	9.5	8.7	7.9	7.9	7.9
5°	11.1	10.3	11.1	12.7	12.7	13.5	14.3	14.3	13.5	13.5	13.5
7.5°	16.7	15.9	15.9	16.7	19.1	21.4	21.4	19.8	18.3	16.7	16.7
10°	17.5	17.5	18.3	20.6	26.2	27.0	27.0	23.8	22.2	21.4	21.4
12.5°	18.3	18.3	19.8	22.2	28.6	28.6	28.6	27.0	24.6	22.2	22.2
15°	21.4	21.4	23.0	26.2	29.4	31.0	31.8	30.2	27.0	21.4	21.4
17.5°	23.8	25.4	27.0	29.4	31.8	33.3	33.3	31.8	27.0	23.0	21.4
20°	27.0	28.6	32.6	32.6	33.3	34.9	34.9	32.6	26.2	23.0	22.2
22.5°	31.0	33.3	36.5	35.7	35.7	36.5	37.3	34.1	27.0	23.8	23.0
25°	37.3	38.1	39.7	38.9	38.9	37.3	39.7	36.5	30.2	26.2	26.2
27.5°	42.1	42.1	43.7	42.1	41.3	40.5	41.3	38.9	32.6	29.4	28.6
30°	45.3	46.1	47.6	45.3	43.7	42.1	42.9	40.5	34.9	31.8	31.8
32.5°	49.2	50.0	50.0	48.4	45.3	43.7	44.5	41.3	35.7	34.1	33.3
35°	53.2	53.2	53.2	50.8	47.6	46.1	46.1	42.9	37.3	35.7	34.9
37.5°	57.2	57.2	57.2	54.0	50.0	48.4	47.6	44.5	39.7	38.1	37.3
40°	63.5	61.9	61.9	58.0	53.2	50.8	50.0	45.3	42.1	40.5	40.5
42.5°	75.4	72.3	71.5	64.3	58.8	55.6	54.0	49.2	46.1	44.5	43.7
45°	94.5	88.1	88.1	76.2	69.1	66.7	64.3	58.0	55.6	53.2	52.4
47.5°	112.7	103.2	103.2	86.5	76.2	74.6	71.5	64.3	61.9	59.6	58.8
50°	130.2	115.9	115.9	95.3	83.4	81.8	77.8	72.3	69.1	66.7	66.7
52.5°	142.9	125.5	125.5	100.8	87.3	86.5	82.6	76.2	73.0	70.7	70.7
55°	148.5	127.8	127.8	103.2	88.9	88.1	84.2	78.6	74.6	73.0	73.0
57.5°	149.3	125.5	125.5	102.4	88.1	87.3	81.8	76.2	74.6	73.8	73.0
60°	146.9	121.5	121.5	99.2	85.0	84.2	79.4	73.8	73.0	72.3	72.3
61°	*145.3*	*119.9*	*119.1*	*96.9*	*83.4*	*82.6*	*77.8*	*73.0*	*72.3*	*71.5*	*71.5*
62.5°	142.9	115.9	115.9	93.7	80.2	80.2	75.4	71.5	69.9	69.9	69.9
65°	133.4	107.2	106.4	86.5	73.8	73.8	69.9	67.5	65.9	65.9	65.9
67.5°	120.7	95.3	94.5	77.0	65.9	65.9	62.7	61.1	60.3	60.3	61.1
70°	105.6	82.6	81.0	65.9	56.4	57.2	54.0	54.8	54.0	54.0	54.8
72.5°	89.7	68.3	66.7	53.2	46.1	47.6	46.1	47.6	46.1	46.8	47.6
75°	69.9	52.4	50.8	39.7	35.7	37.3	36.5	38.9	38.1	38.9	38.9
77.5°	48.4	35.7	34.1	27.0	25.4	27.0	27.0	29.4	28.6	30.2	30.2
80°	27.8	21.4	19.8	15.9	15.9	16.7	17.5	19.8	19.8	20.6	21.4
82.5°	11.1	8.7	8.7	7.1	7.9	8.7	8.7	11.1	11.1	11.9	11.9
85°	2.4	3.2	4.0	3.2	3.2	3.2	2.4	4.0	4.0	4.8	4.8
87.5°	1.6	1.6	2.4	2.4	2.4	2.4	1.6	2.4	3.2	4.0	4.0
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
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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

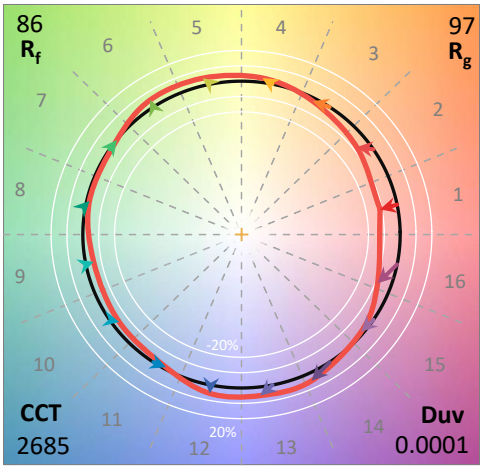
Test Information

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

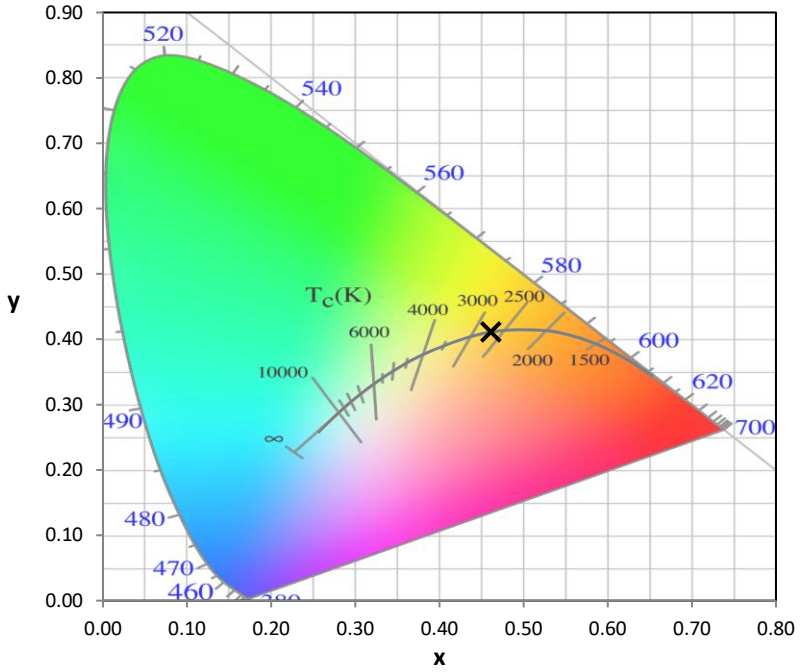
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

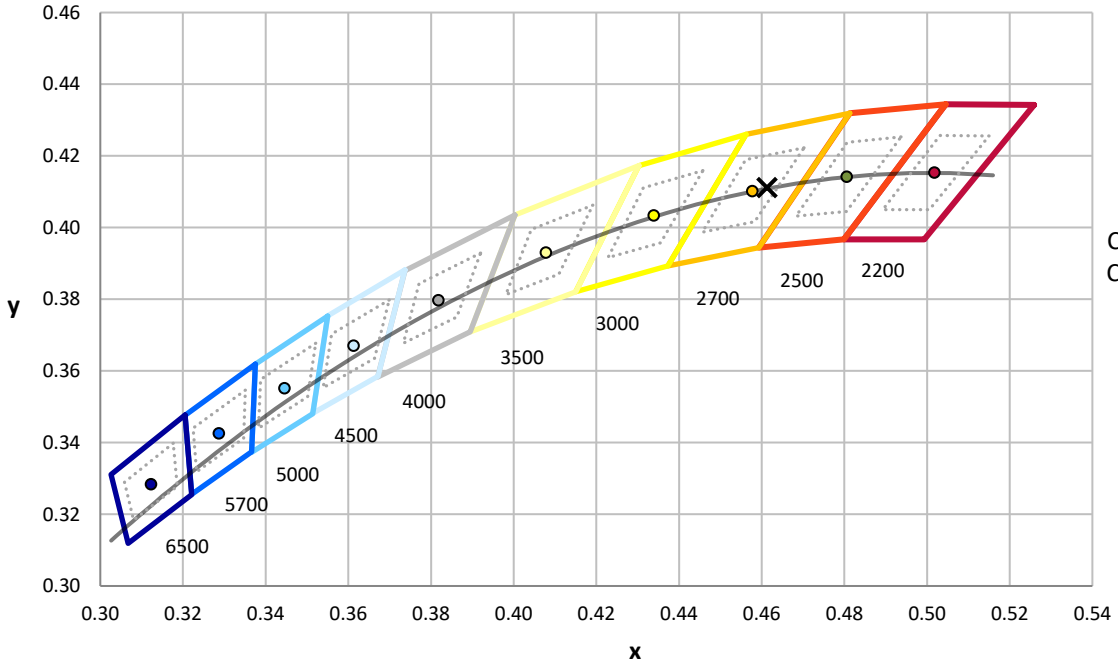
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

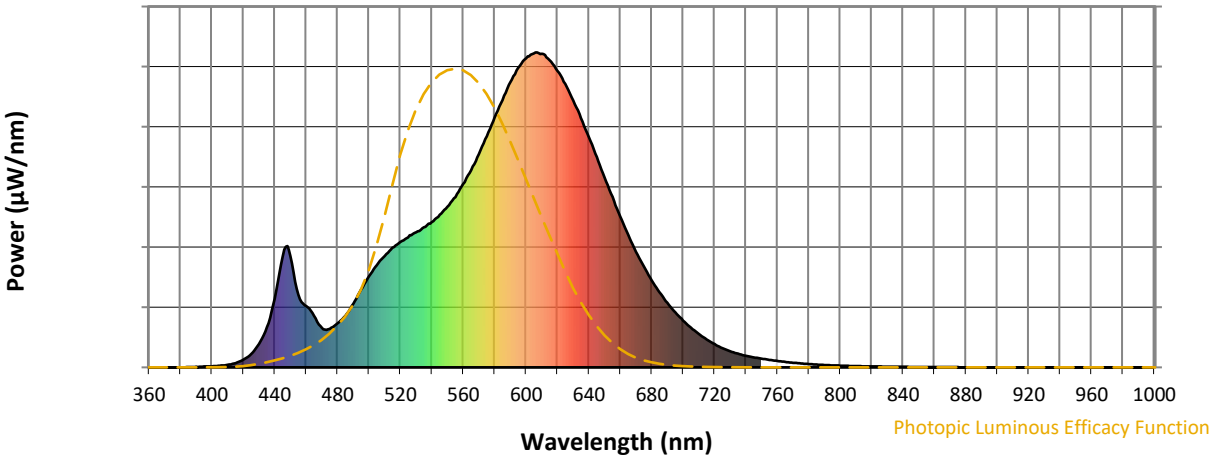


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

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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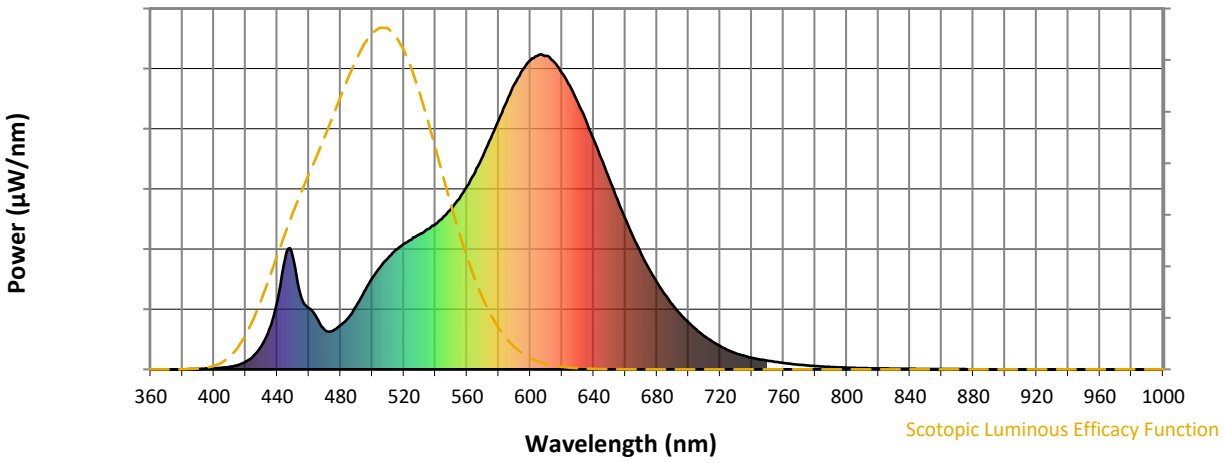
Scotopic Flux vs. Wavelength



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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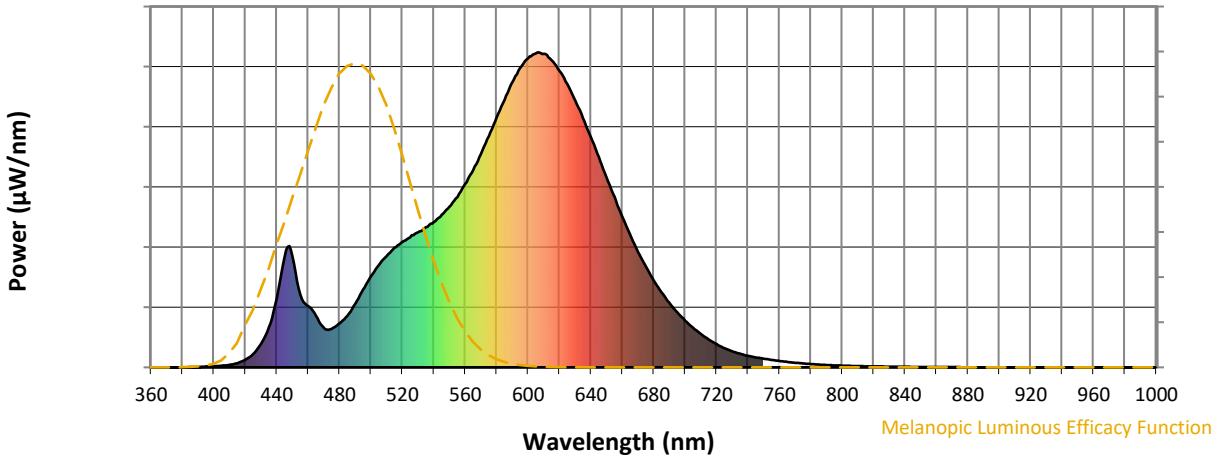
Melanopic Flux vs. Wavelength



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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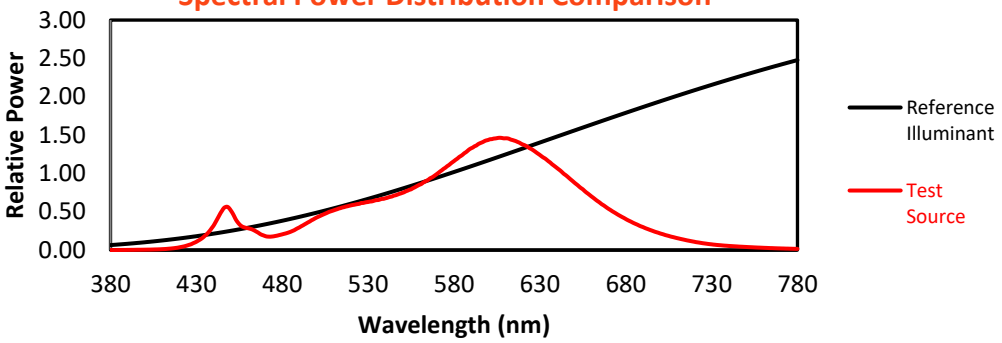
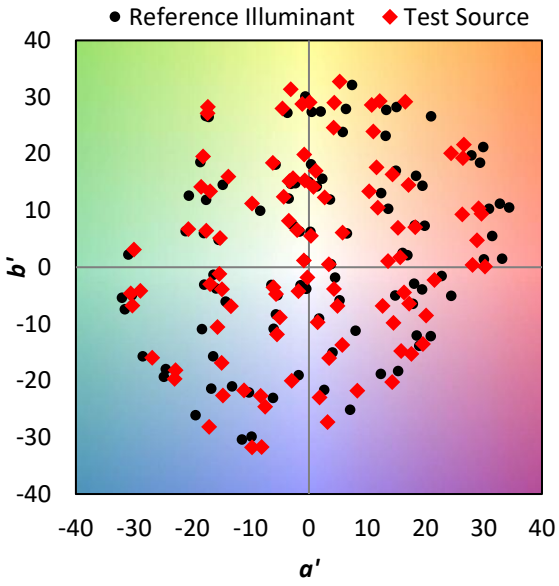
Summary

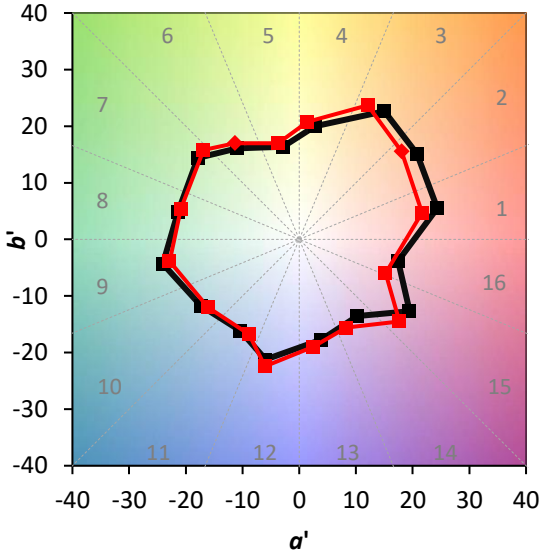
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

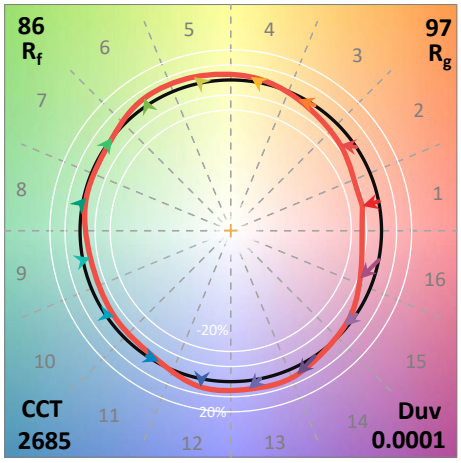
Spectral Power Distribution Comparison

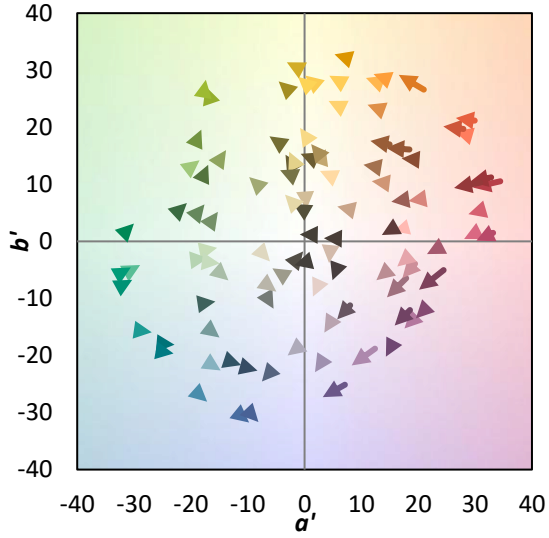


Color Vector Graphics









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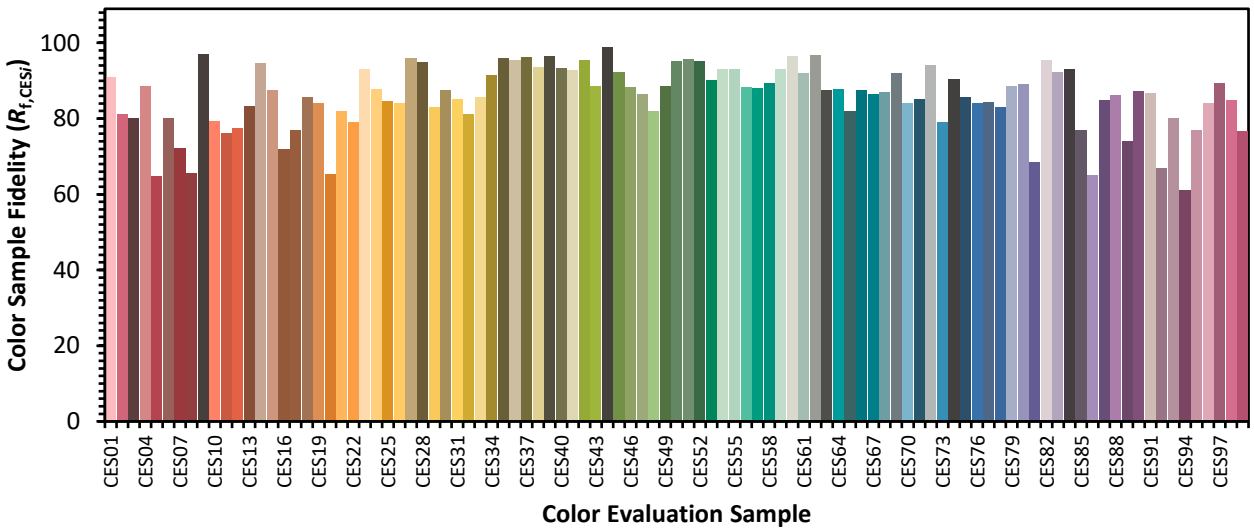
Individual Sample Fidelity Index ($R_{f,i}$)

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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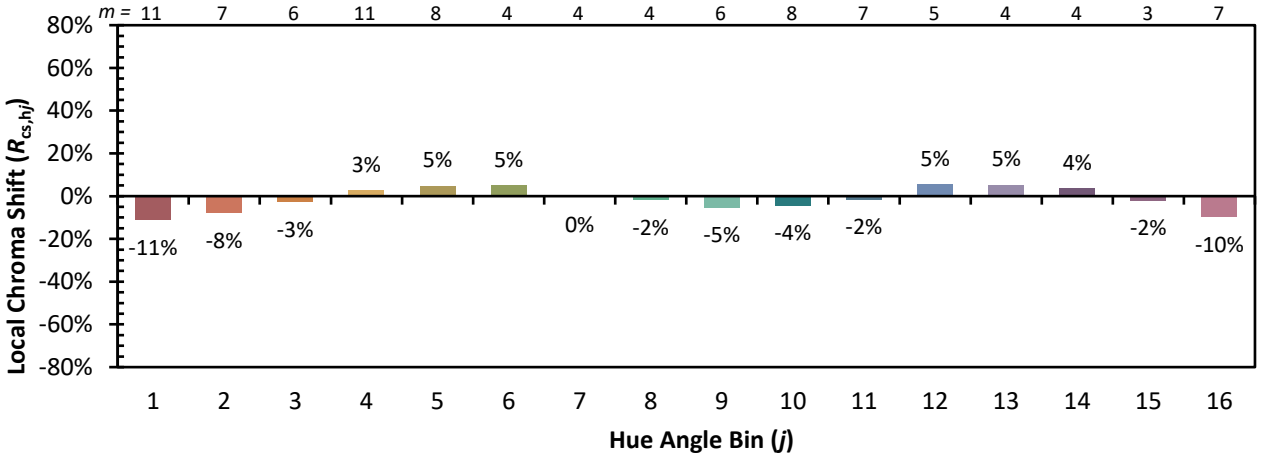
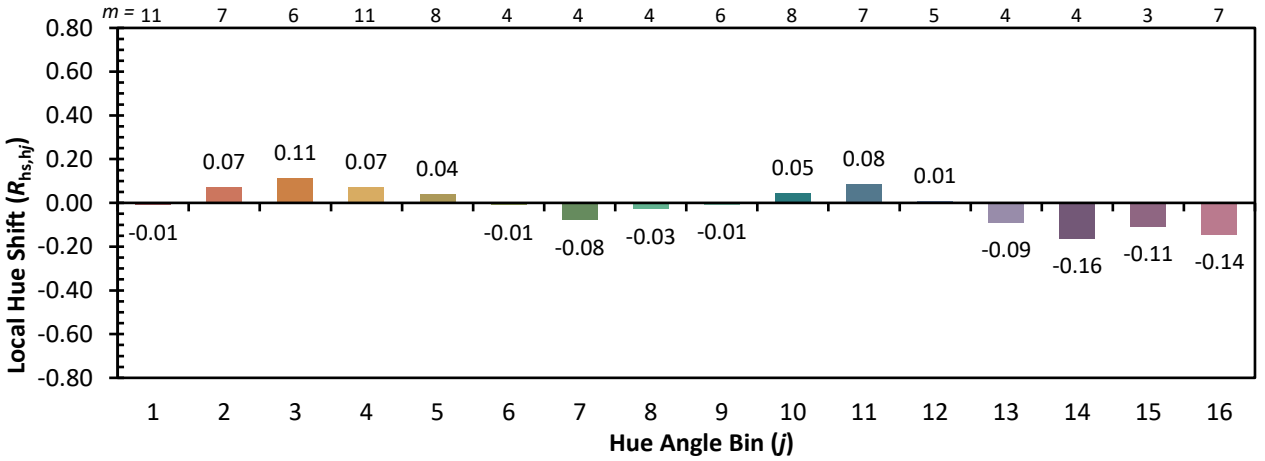
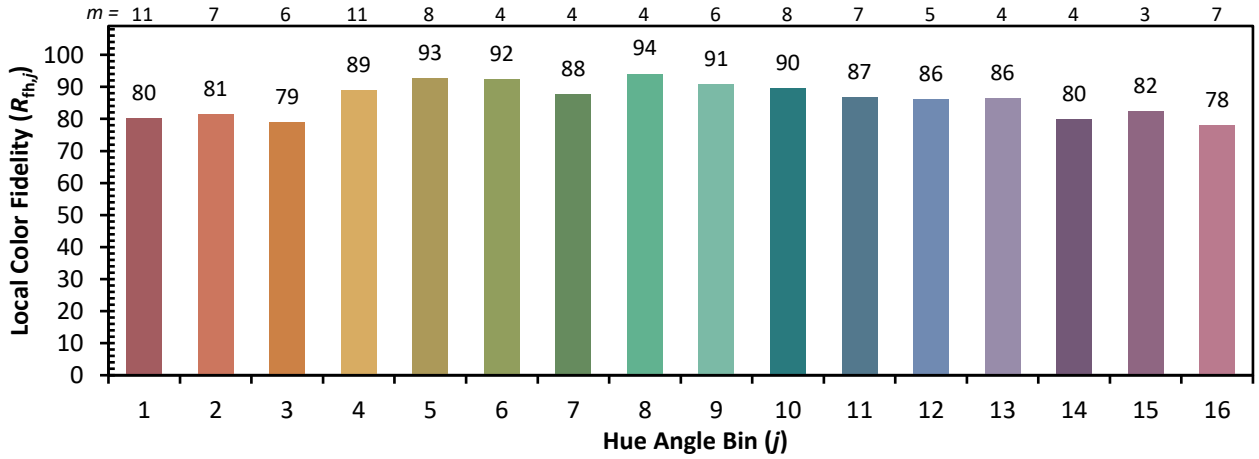
Color Rendition by Hue-Angle Bin







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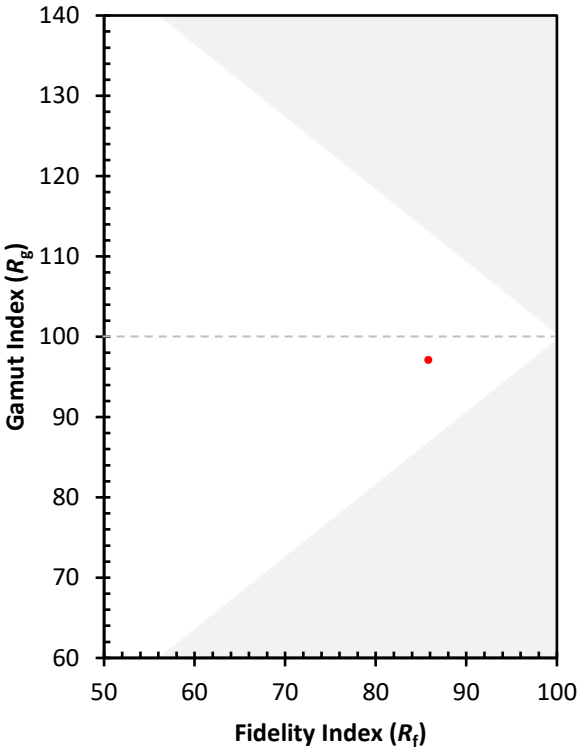
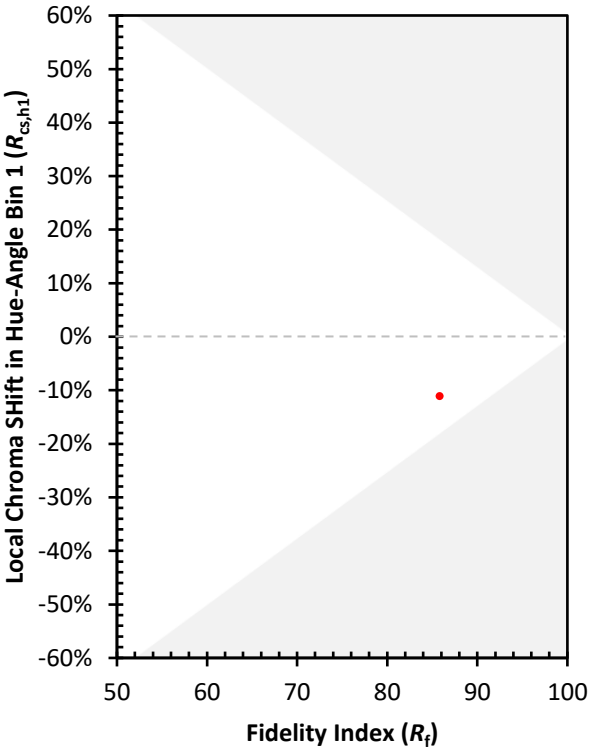
Measure Comparisons





(END OF REPORT)