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: P1442094

Luminaire Tested: LXB-C1-827-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:	P1442094
	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-C1-827-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:	739.8 lumens
Efficiency:	N/A
Efficacy:	47.7 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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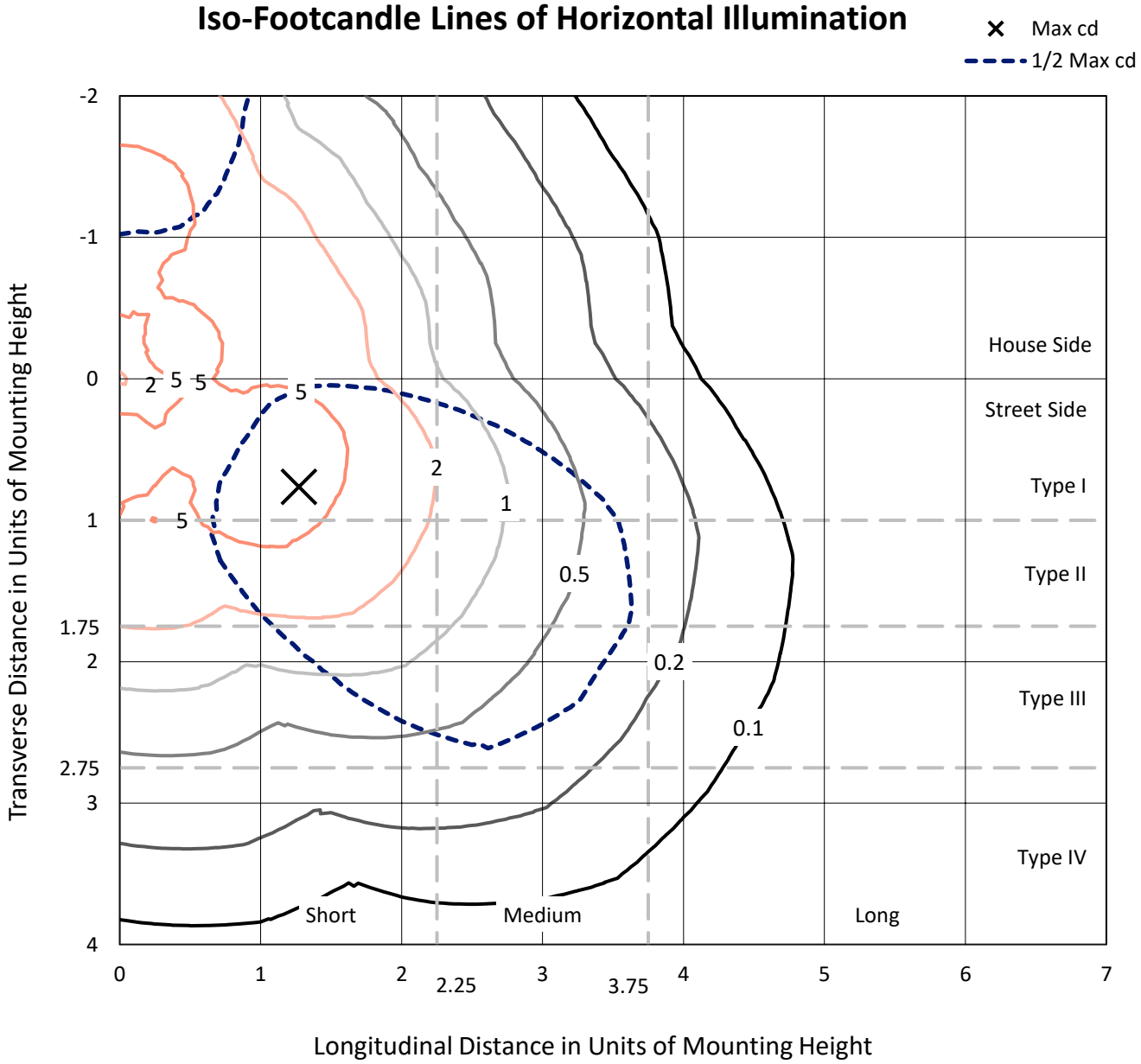
REPORT NUMBER: P1442094
CATALOG NUMBER: LXB-C1-827-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 8.9 fc
Type III - Short - N/A

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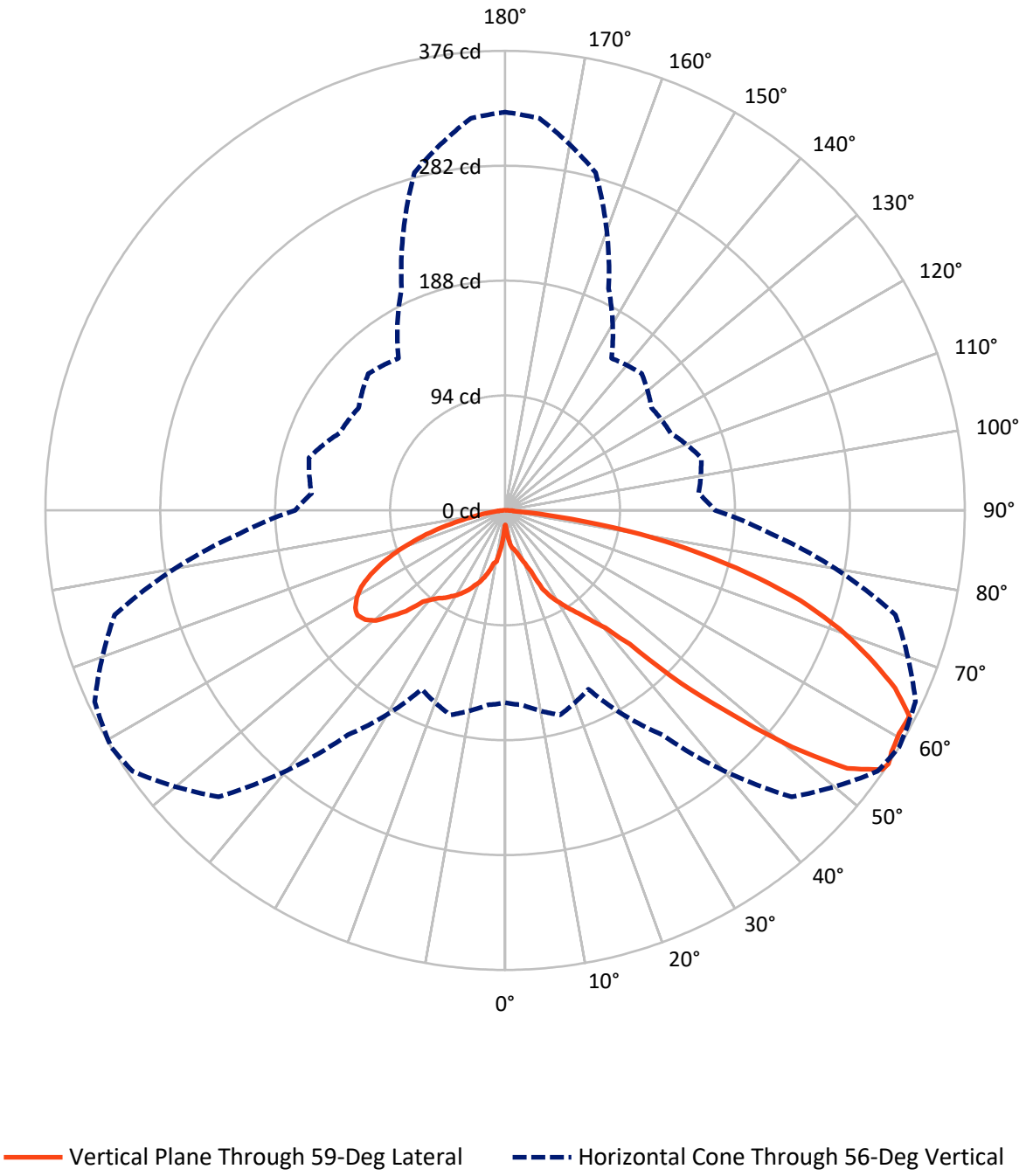
Luminous Intensity Polar Plot



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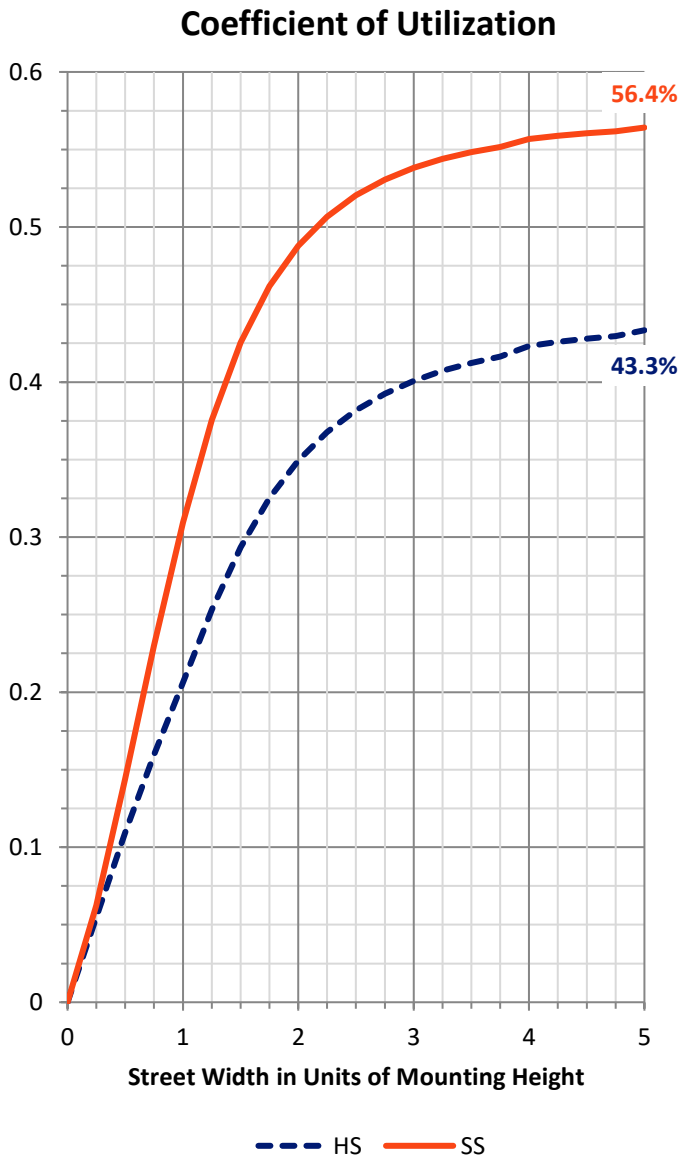
CATALOG NUMBER: LXB-C1-827-X-U-S-GM

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	321.1	0.0	321.1
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	418.6	0.0	418.6
	% Fixture	56.6	0.0	56.6
Total	Lumens	739.8	0.0	739.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.4
10°-20°	13.1	1.8
20°-30°	30.9	4.2
30°-40°	56.1	7.6
40°-50°	111.1	15.0
50°-60°	196.4	26.5
60°-70°	197.6	26.7
70°-80°	116.3	15.7
80°-90°	15.7	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°	739.8	100.0
0°-180°	739.8	100.0



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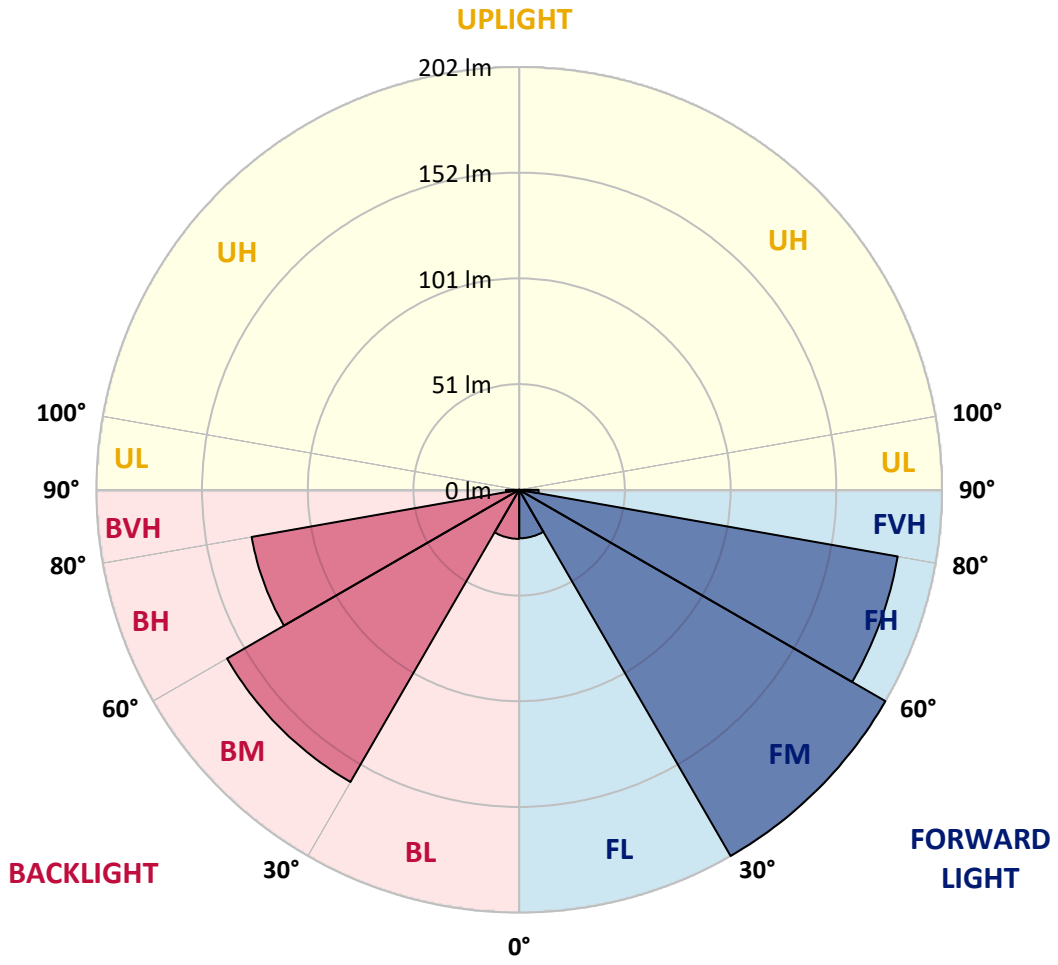
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	23.2	3.1			
FM	(30°-60°)	202.3	27.3			
FH	(60°-80°)	183.9	24.9			G0/660
FVH	(80°-90°)	9.3	1.3			G0/10
BL	(0°-30°)	23.5	3.2	B0/110		
BM	(30°-60°)	161.4	21.8	B0/220		
BH	(60°-80°)	129.9	17.6	B1/500		G1/500
BVH	(80°-90°)	6.4	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: P1442094
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	*11.9*	11.9	11.9	11.9
2.5°	16.7	15.9	15.1	15.1	14.3	14.3	13.5	*13.5*	13.5	14.3	15.9
5°	27.0	27.0	23.0	20.6	20.6	20.6	20.6	*19.8*	20.6	20.6	23.0
7.5°	37.3	34.1	34.9	31.8	30.2	29.4	27.8	*27.0*	26.2	28.6	31.8
10°	40.5	40.5	41.3	41.3	36.5	32.6	31.8	*31.0*	31.0	31.8	34.1
12.5°	43.7	46.1	46.8	46.1	41.3	35.7	33.3	*32.6*	32.6	35.7	39.7
15°	53.2	50.8	52.4	50.0	46.8	39.7	36.5	*35.7*	36.5	39.7	43.7
17.5°	59.6	60.3	57.2	52.4	49.2	44.5	41.3	*40.5*	39.7	42.1	49.2
20°	65.1	65.1	62.7	57.2	53.2	47.6	46.1	*46.1*	46.1	46.8	50.8
22.5°	70.7	70.7	68.3	61.9	57.2	51.6	52.4	*54.0*	51.6	51.6	55.6
25°	75.4	75.4	72.3	65.9	62.7	61.1	67.5	*70.7*	66.7	60.3	61.9
27.5°	81.0	80.2	77.8	70.7	68.3	71.5	78.6	*80.2*	79.4	69.9	68.3
30°	84.2	84.2	82.6	76.2	73.8	79.4	86.5	*87.3*	86.5	79.4	72.3
32.5°	88.1	87.3	86.5	79.4	78.6	86.5	94.5	*95.3*	94.5	87.3	77.8
35°	92.1	90.5	90.5	83.4	82.6	95.3	101.6	*103.2*	102.4	94.5	82.6
37.5°	96.9	94.5	94.5	87.3	89.7	104.8	112.0	*113.5*	112.0	103.2	88.9
40°	102.4	99.2	98.5	92.1	96.1	116.7	124.7	*126.2*	123.9	115.1	95.3
42.5°	110.4	106.4	108.0	100.0	108.8	136.6	148.5	*149.3*	145.3	135.0	108.0
45°	127.0	123.9	130.2	120.7	134.2	180.2	198.5	*201.7*	196.1	175.5	133.4
47.5°	138.2	135.8	142.9	133.4	157.2	222.3	243.8	*248.5*	239.8	219.1	157.2
50°	150.1	150.1	160.4	150.9	189.8	273.1	299.3	*304.1*	297.8	275.5	187.4
52.5°	154.8	156.4	170.7	160.4	211.2	307.3	344.6	*350.2*	344.6	308.9	206.4
55°	157.2	159.6	173.9	162.0	221.5	327.1	369.2	*374.0*	367.6	327.1	215.2
56°	*157.2*	*159.6*	*173.1*	*161.2*	*223.9*	*331.1*	*371.6*	*375.6*	*370.0*	*330.3*	*217.6*
57.5°	154.8	158.8	170.7	158.8	224.7	333.5	372.4	*372.4*	370.8	333.5	219.9
60°	148.5	153.2	163.6	151.7	223.1	331.9	369.2	*370.0*	369.2	334.3	219.9
62.5°	139.7	144.5	155.6	143.7	218.4	324.7	368.4	*370.8*	368.4	327.1	213.6
65°	127.0	132.6	142.1	131.0	206.4	311.2	349.4	*350.2*	348.6	310.5	200.9
67.5°	112.7	117.5	127.0	116.7	192.1	290.6	322.4	*320.8*	320.8	286.6	185.0
70°	96.1	100.8	109.6	100.0	173.9	262.0	289.8	*289.8*	289.8	258.0	164.4
72.5°	77.0	81.8	90.5	82.6	150.9	226.3	250.9	*252.5*	252.5	222.3	139.7
75°	58.0	61.9	69.1	64.3	122.3	185.0	204.9	*204.9*	207.2	181.8	111.2
77.5°	38.9	42.1	47.6	45.3	90.5	142.1	155.6	*154.0*	158.0	137.4	80.2
80°	22.2	24.6	27.8	27.0	55.6	92.1	100.8	*101.6*	104.0	87.3	46.8
82.5°	11.1	11.9	13.5	12.7	23.0	40.5	45.3	*42.9*	48.4	35.7	17.5
85°	4.8	4.8	5.6	3.2	5.6	7.1	7.9	*7.1*	7.9	7.1	4.8
87.5°	3.2	4.0	4.0	1.6	4.0	4.8	5.6	*5.6*	5.6	4.8	3.2
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: P1442094
CATALOG NUMBER: LXB-C1-827-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
2.5°	15.1	15.9	16.7	14.3	15.1	15.9	15.9	15.1	15.1	14.3	14.3
5°	23.0	23.0	23.8	25.4	23.8	23.0	23.0	21.4	23.0	19.8	19.8
7.5°	29.4	30.2	32.6	33.3	32.6	35.7	32.6	31.0	31.0	29.4	29.4
10°	34.9	36.5	39.7	40.5	43.7	40.5	39.7	35.7	34.9	33.3	33.3
12.5°	41.3	42.1	42.9	44.5	43.7	44.5	43.7	39.7	35.7	33.3	33.3
15°	46.1	46.8	49.2	52.4	50.0	49.2	49.2	46.1	41.3	36.5	35.7
17.5°	49.2	52.4	54.8	57.2	56.4	54.8	52.4	50.0	42.9	40.5	39.7
20°	53.2	55.6	61.9	62.7	61.9	59.6	57.2	52.4	46.8	44.5	44.5
22.5°	57.2	61.1	66.7	67.5	65.1	63.5	62.7	56.4	51.6	49.2	50.8
25°	62.7	65.1	69.9	70.7	71.5	67.5	67.5	61.9	58.8	61.1	62.7
27.5°	67.5	69.9	74.6	75.4	75.4	71.5	70.7	67.5	67.5	69.9	72.3
30°	73.0	73.8	79.4	79.4	79.4	75.4	73.8	71.5	73.0	77.0	79.4
32.5°	76.2	78.6	82.6	84.2	81.8	79.4	77.8	76.2	79.4	85.0	86.5
35°	79.4	81.8	85.8	88.1	85.8	84.2	81.0	80.2	86.5	92.1	93.7
37.5°	84.2	85.8	89.7	91.3	88.9	88.1	84.2	85.8	96.1	100.8	104.0
40°	88.1	89.7	93.7	95.3	93.7	92.9	88.1	92.1	106.4	112.7	115.1
42.5°	96.1	97.7	102.4	100.8	100.0	100.0	94.5	102.4	123.1	128.6	133.4
45°	116.7	117.5	123.1	115.9	115.1	119.1	112.7	126.2	160.4	169.1	177.9
47.5°	131.0	128.6	136.6	127.0	125.5	129.4	123.1	143.7	196.1	204.1	216.0
50°	151.7	146.9	153.2	140.5	137.4	146.1	140.5	173.9	239.8	254.1	262.8
52.5°	164.4	158.0	164.4	146.9	143.7	155.6	149.3	189.8	263.6	287.4	297.8
55°	170.7	159.6	167.5	149.3	146.9	159.6	151.7	198.5	281.9	316.8	324.0
56°	*171.5*	*158.8*	*165.9*	*149.3*	*146.1*	*158.0*	*151.7*	*200.1*	*285.8*	*321.6*	*325.5*
57.5°	169.9	155.6	163.6	147.7	144.5	155.6	149.3	201.7	288.2	322.4	324.7
60°	165.9	150.9	158.0	142.9	139.0	150.1	143.7	200.9	287.4	320.0	321.6
62.5°	159.6	142.9	150.9	135.0	131.8	142.9	135.8	196.9	282.7	318.4	321.6
65°	148.5	131.8	138.2	123.9	119.9	130.2	124.7	185.0	269.2	305.7	307.3
67.5°	134.2	117.5	123.1	110.4	106.4	116.7	111.2	169.9	249.3	281.9	279.5
70°	119.1	101.6	106.4	94.5	90.5	100.8	95.3	151.7	223.9	252.5	248.5
72.5°	100.8	84.2	88.1	77.0	73.0	82.6	79.4	130.2	194.5	219.1	216.0
75°	81.0	65.9	67.5	58.0	55.6	63.5	61.9	104.0	157.2	177.1	174.7
77.5°	58.8	46.8	46.8	39.7	37.3	44.5	43.7	75.4	115.9	131.0	127.0
80°	35.7	28.6	27.8	23.8	22.2	27.0	26.2	45.3	71.5	81.8	77.0
82.5°	15.9	14.3	13.5	11.9	11.1	12.7	11.9	18.3	28.6	34.9	29.4
85°	4.0	4.8	5.6	5.6	5.6	5.6	4.0	5.6	7.1	7.9	7.9
87.5°	2.4	2.4	4.0	4.0	4.0	4.0	2.4	4.0	5.6	6.4	6.4
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

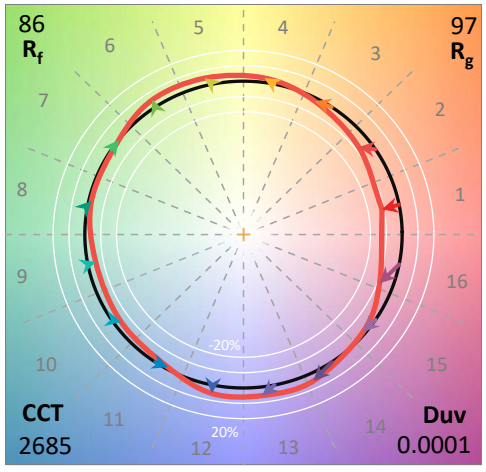
Test Information

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

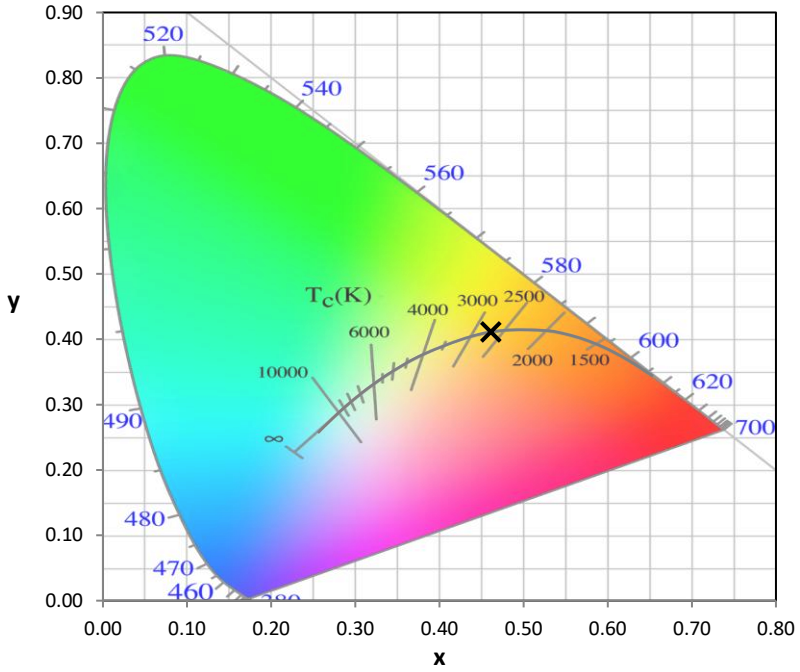
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

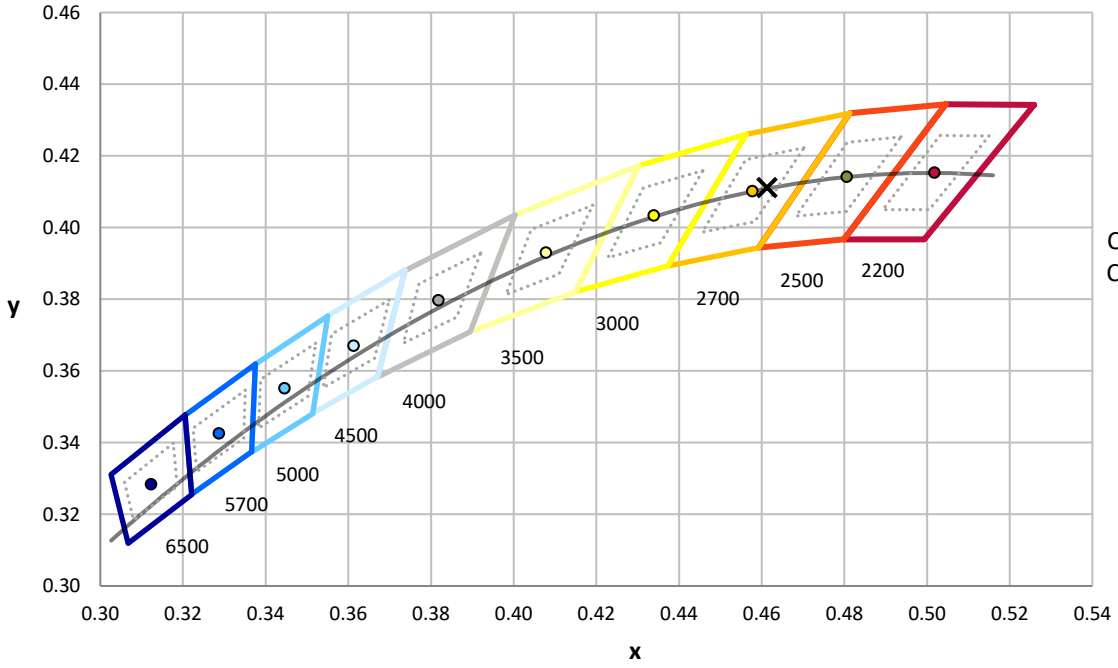
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

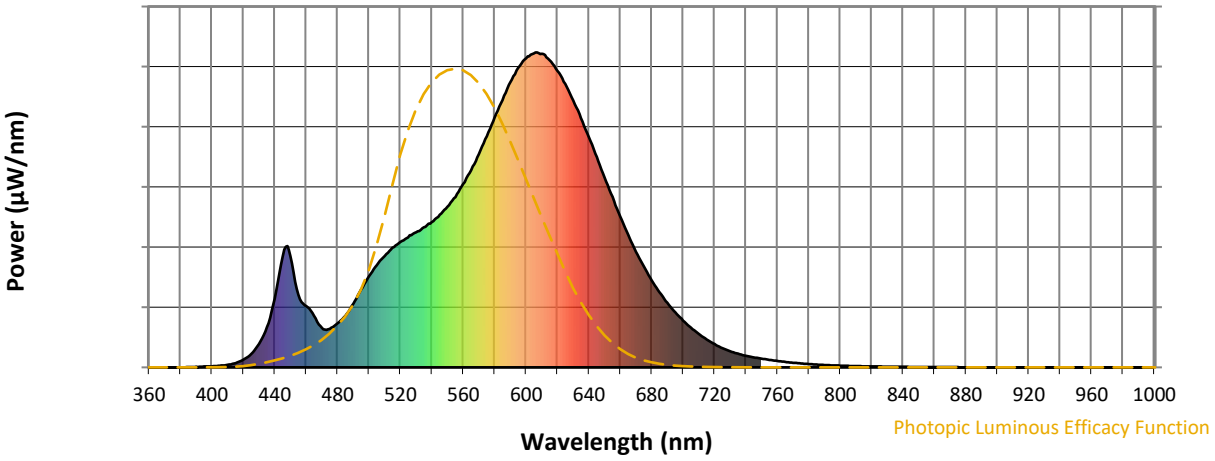


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

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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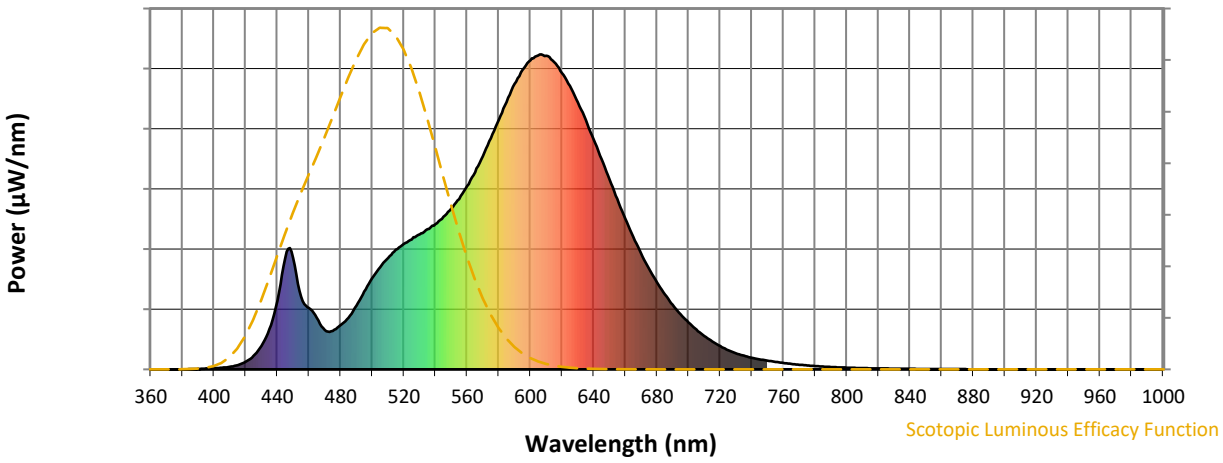
Scotopic Flux vs. Wavelength



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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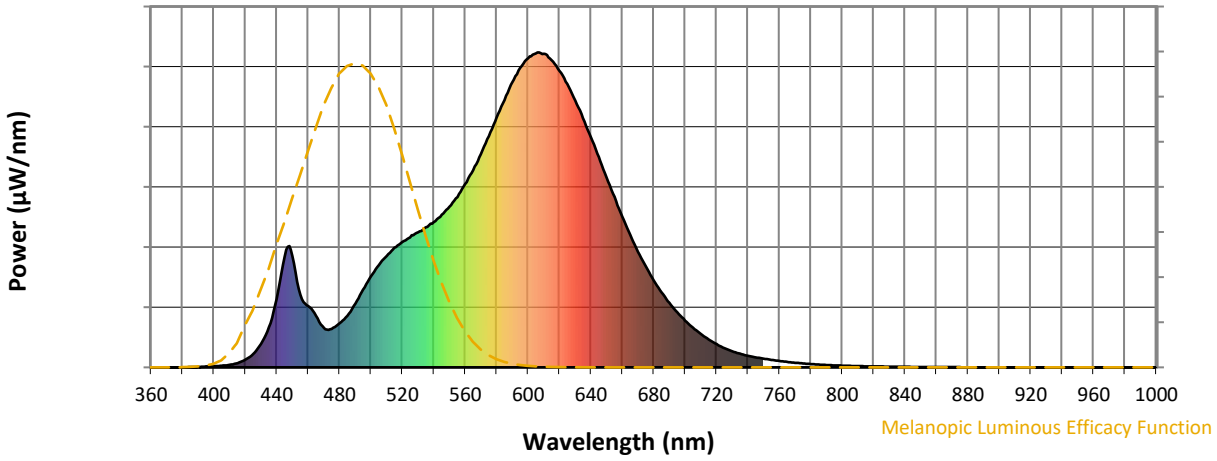
Melanopic Flux vs. Wavelength



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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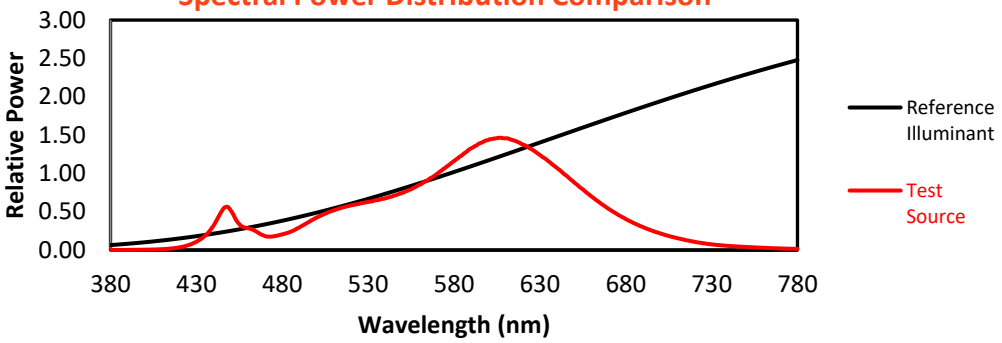
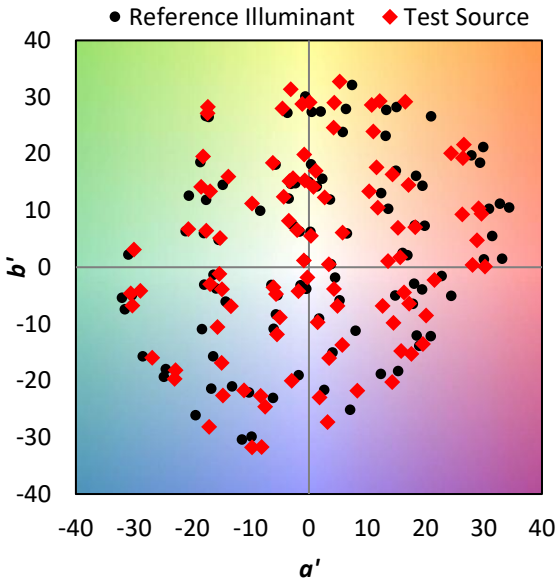
Summary

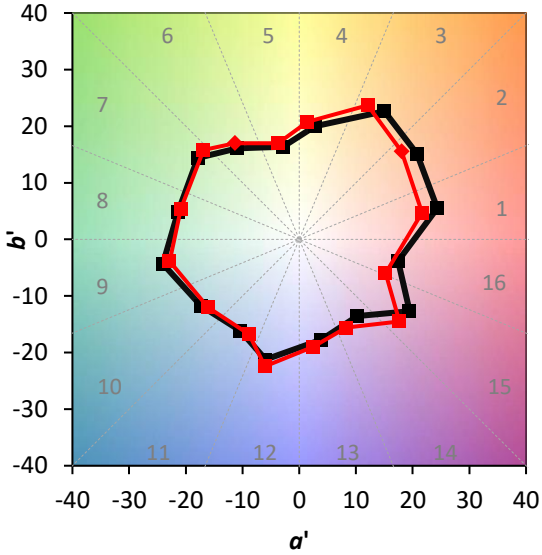
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

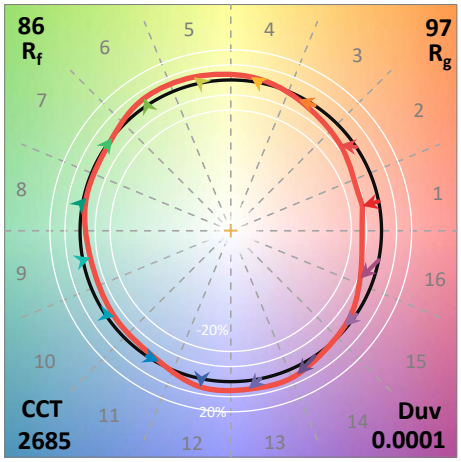
Spectral Power Distribution Comparison

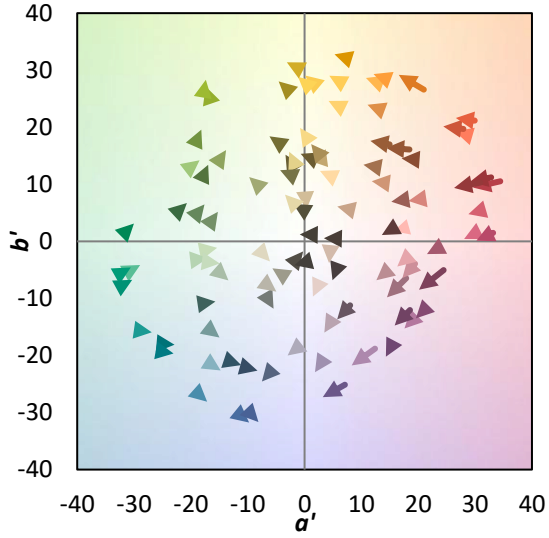


Color Vector Graphics









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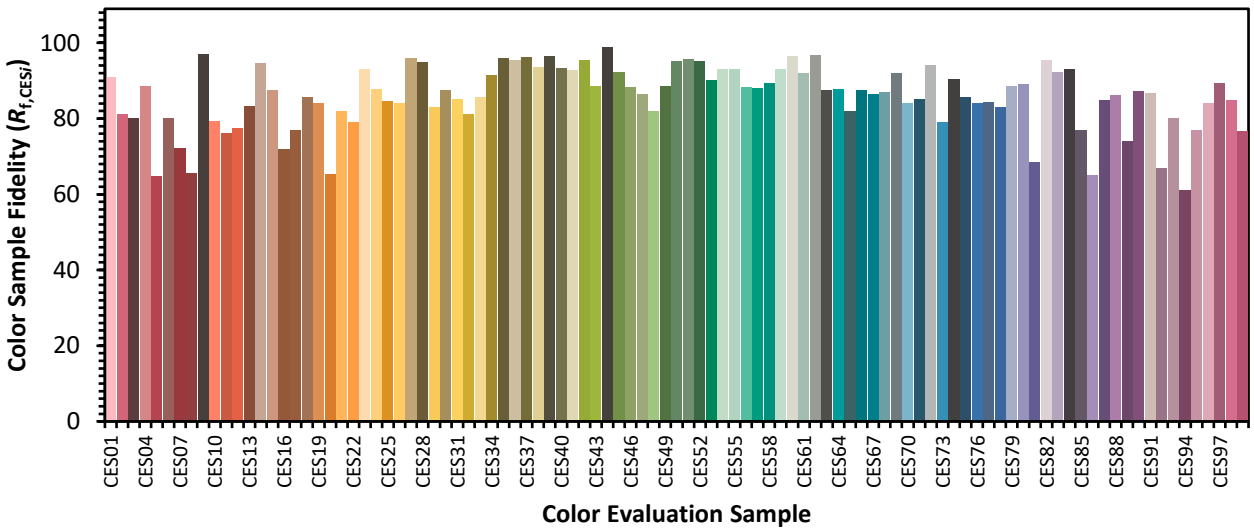
Individual Sample Fidelity Index ($R_{f,i}$)

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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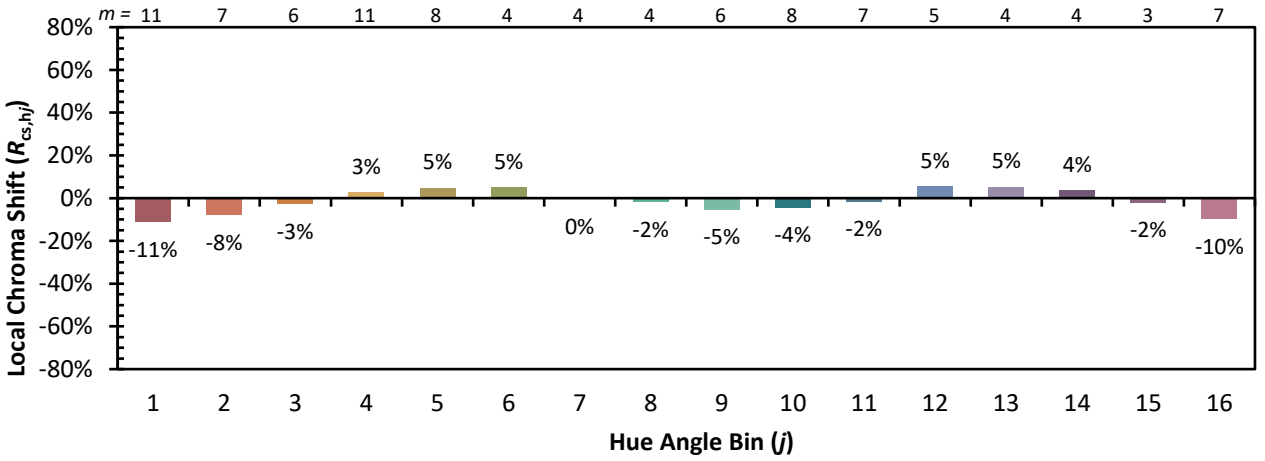
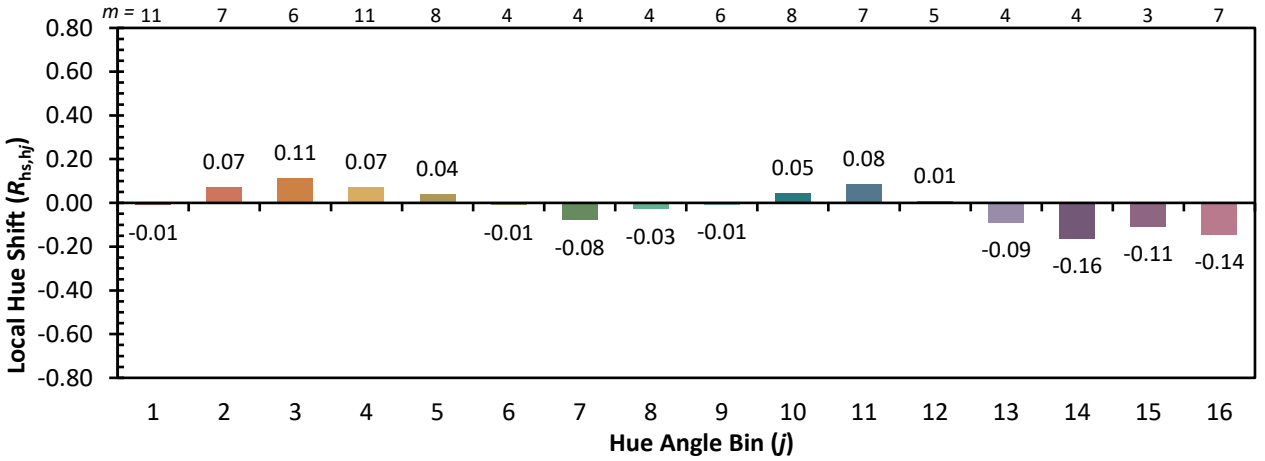
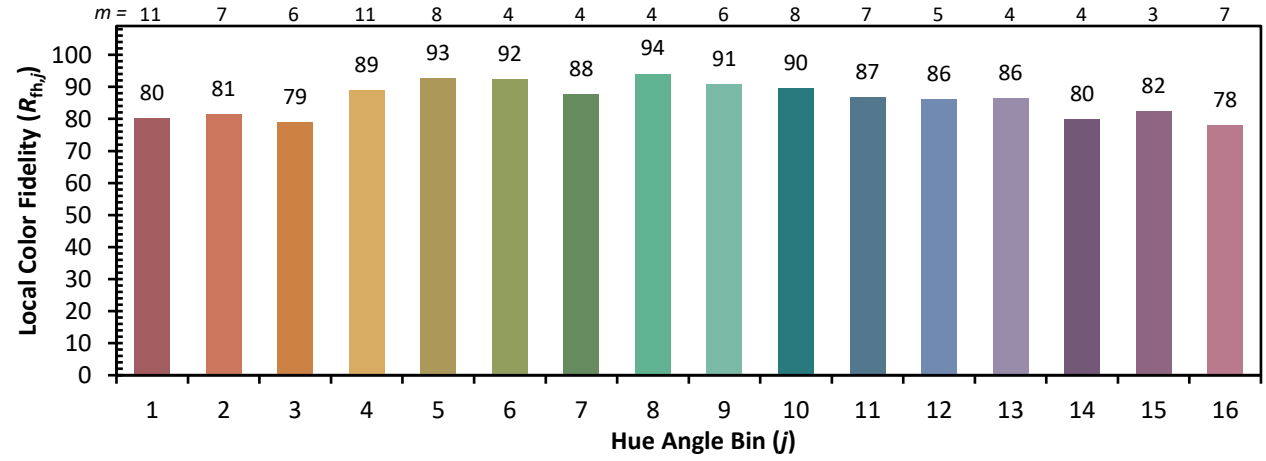
Color Rendition by Hue-Angle Bin







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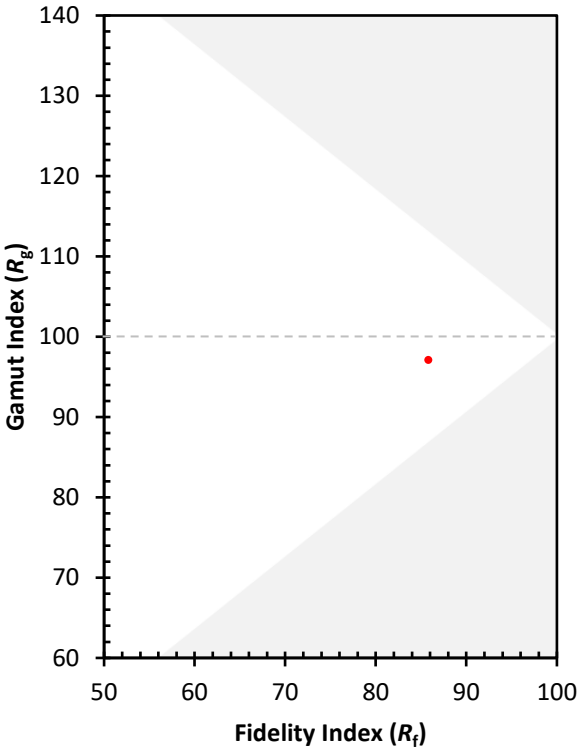
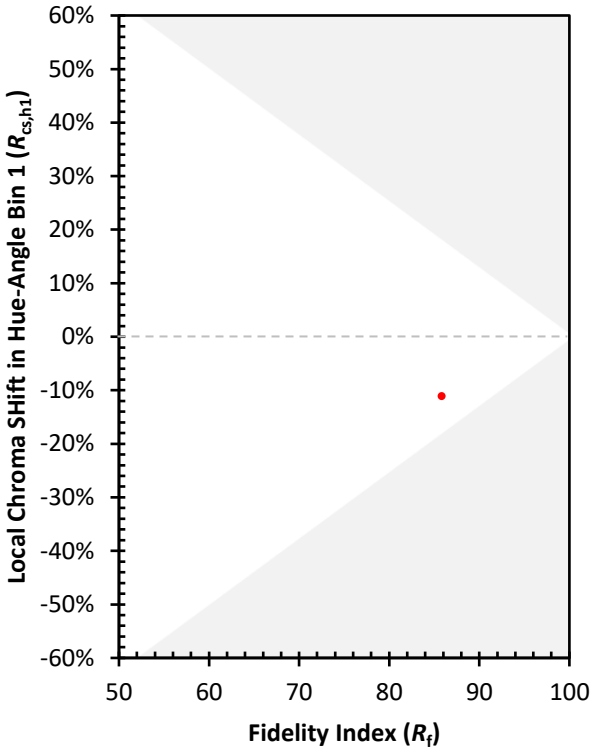
Measure Comparisons





(END OF REPORT)