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: P1442099

Luminaire Tested: LXB-C1-840-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:	P1442099
	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-C1-840-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:	572.9 lumens
Efficiency:	N/A
Efficacy:	53.5 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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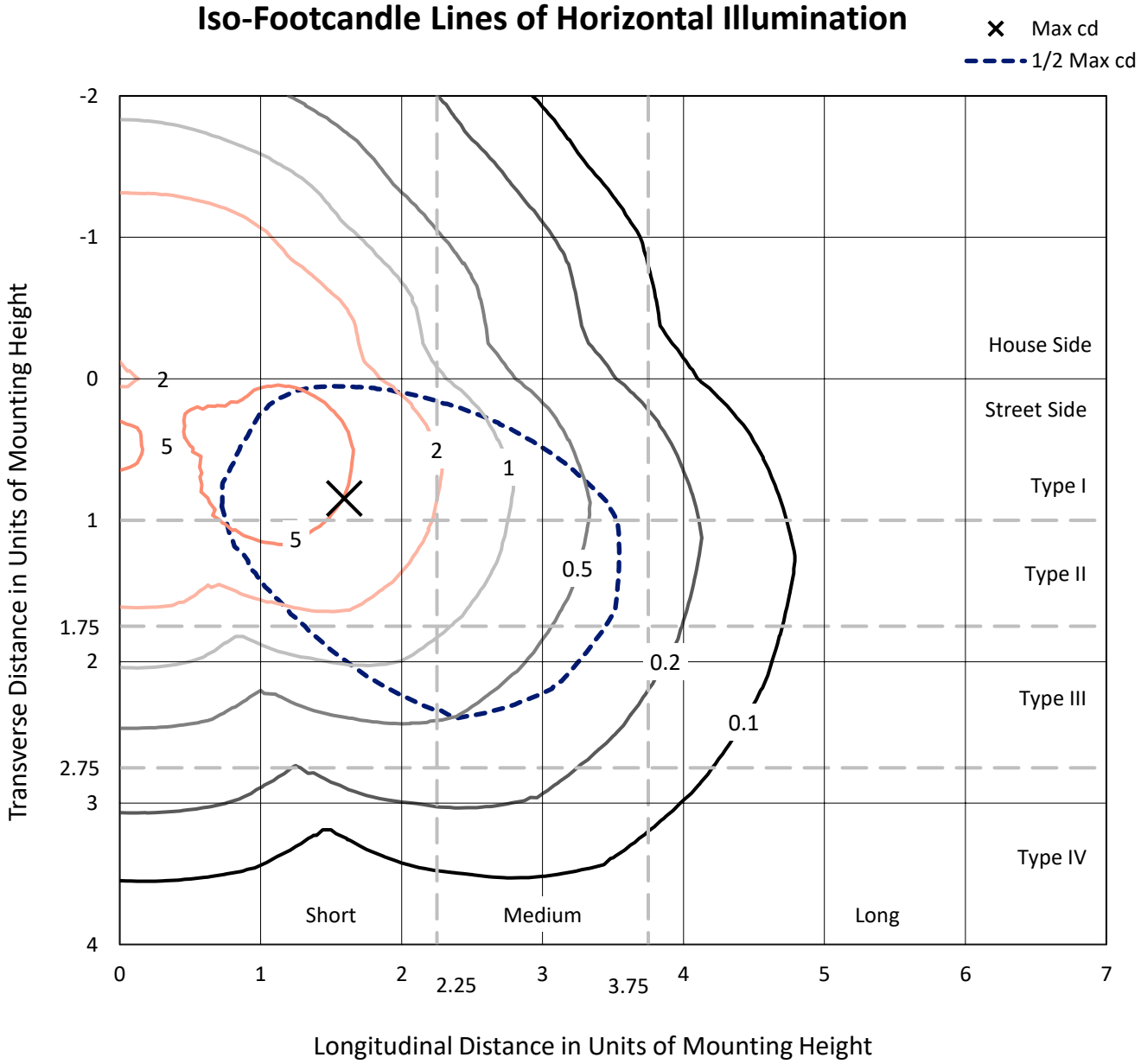
REPORT NUMBER: P1442099
CATALOG NUMBER: LXB-C1-840-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 9.2 fc
Type III - Short - N/A

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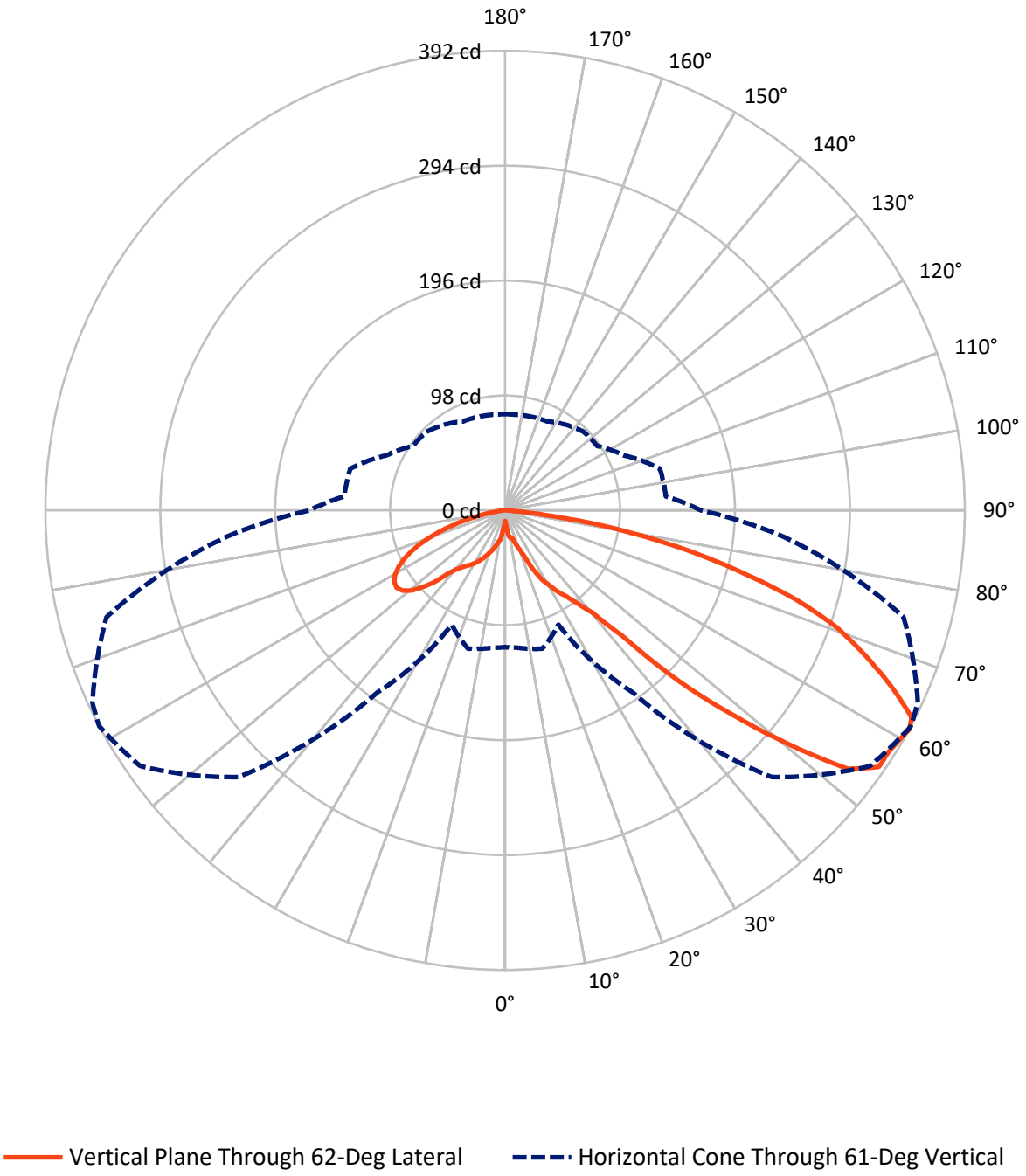
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442099
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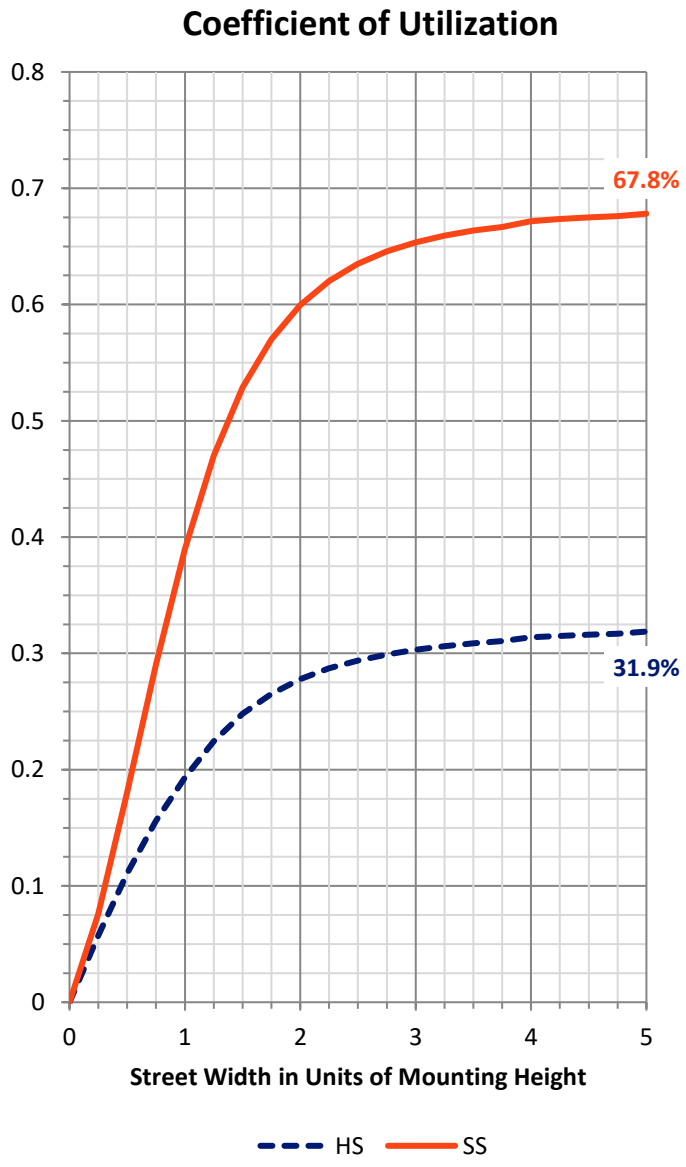
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	183.7	0.0	183.7
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	389.2	0.0	389.2
	% Fixture	67.9	0.0	67.9
Total	Lumens	572.9	0.0	572.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.3
10°-20°	9.6	1.7
20°-30°	22.4	3.9
30°-40°	41.5	7.2
40°-50°	88.2	15.4
50°-60°	155.2	27.1
60°-70°	154.3	26.9
70°-80°	88.3	15.4
80°-90°	11.5	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°	572.9	100.0
0°-180°	572.9	100.0



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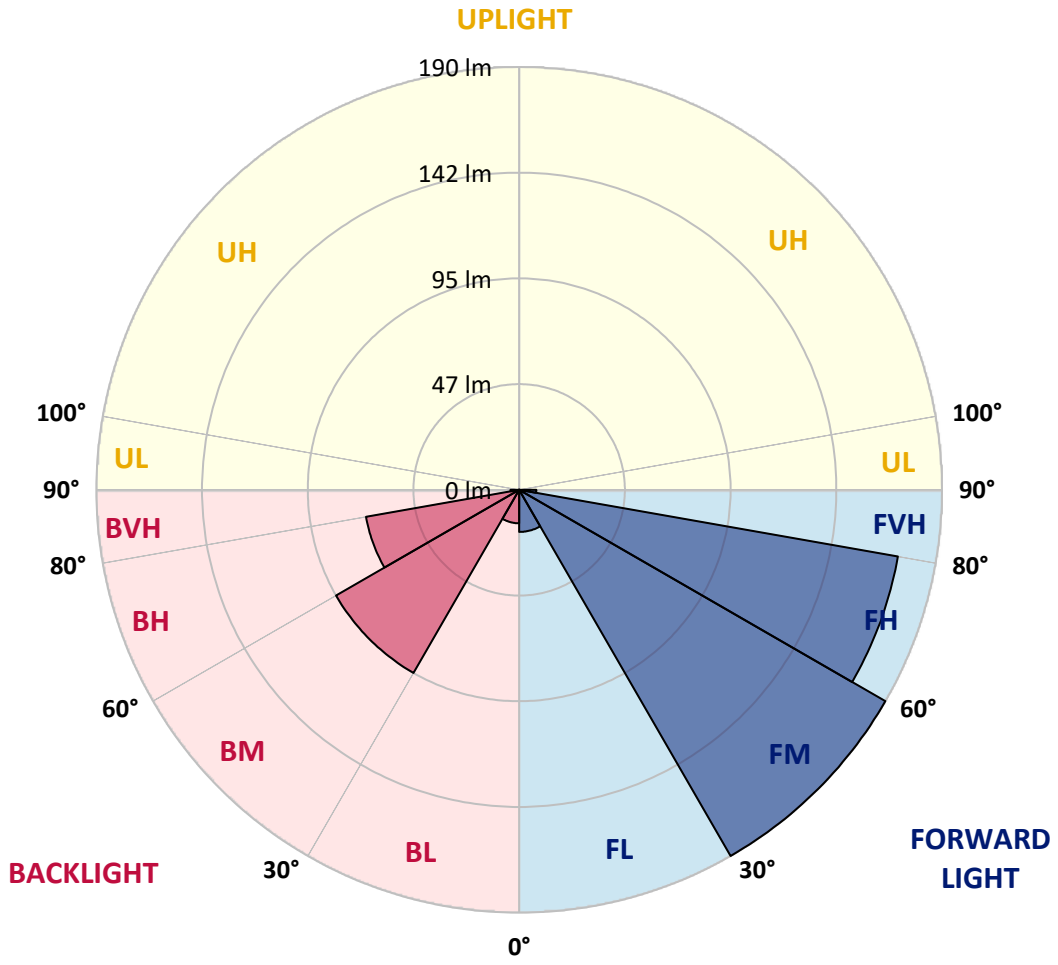
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	18.9	3.3			
FM	(30°-60°)	189.9	33.1			
FH	(60°-80°)	172.7	30.1			G0/660
FVH	(80°-90°)	7.7	1.3			G0/10
BL	(0°-30°)	15.0	2.6	B0/110		
BM	(30°-60°)	95.0	16.6	B0/220		
BH	(60°-80°)	69.8	12.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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: P1442099
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	*9.1*	9.1	9.1	9.1
2.5°	11.9	11.9	11.9	12.8	11.9	10.9	10.9	*10.9*	10.9	10.0	10.0
5°	20.1	20.1	20.1	19.2	18.2	18.2	16.4	*15.5*	14.6	13.7	13.7
7.5°	31.0	30.1	32.8	31.9	28.3	24.6	22.8	*21.9*	21.0	20.1	19.2
10°	39.2	41.0	37.4	36.5	34.7	30.1	25.5	*23.7*	22.8	21.9	20.1
12.5°	45.6	42.9	41.0	42.0	37.4	31.9	27.4	*23.7*	22.8	21.9	21.0
15°	48.3	49.2	48.3	46.5	41.0	33.7	28.3	*25.5*	25.5	23.7	24.6
17.5°	53.8	53.8	52.9	47.4	42.9	35.6	31.9	*31.0*	30.1	27.4	27.4
20°	57.5	58.4	58.4	49.2	44.7	39.2	37.4	*35.6*	34.7	32.8	30.1
22.5°	61.1	62.9	61.1	53.8	48.3	43.8	43.8	*42.9*	42.0	38.3	36.5
25°	65.7	65.7	63.8	55.6	52.0	49.2	54.7	*55.6*	53.8	45.6	42.9
27.5°	69.3	70.2	66.6	60.2	55.6	57.5	66.6	*66.6*	65.7	53.8	48.3
30°	73.0	73.0	70.2	62.9	59.3	65.7	73.9	*73.9*	73.9	65.7	54.7
32.5°	75.7	75.7	73.0	65.7	62.9	73.0	81.2	*83.0*	82.1	73.9	60.2
35°	77.5	78.4	74.8	68.4	66.6	80.3	88.5	*90.3*	90.3	83.0	65.7
37.5°	81.2	81.2	78.4	70.2	72.0	90.3	99.4	*101.2*	101.2	93.0	73.0
40°	84.8	83.9	82.1	74.8	78.4	103.1	112.2	*114.9*	114.9	107.6	82.1
42.5°	90.3	90.3	88.5	81.2	90.3	129.5	139.5	*145.9*	145.9	135.0	101.2
45°	105.8	105.8	106.7	98.5	114.9	178.8	201.6	*207.9*	206.1	187.0	132.2
47.5°	114.0	113.1	117.6	106.7	136.8	221.6	249.9	*259.9*	258.1	239.9	164.2
50°	123.1	123.1	130.4	118.6	163.2	269.0	304.6	*313.7*	312.8	287.3	192.4
52.5°	125.9	126.8	135.9	124.0	180.6	303.7	353.9	*366.6*	363.9	325.6	214.3
55°	126.8	128.6	136.8	123.1	188.8	322.8	378.5	*386.7*	384.9	346.6	228.0
57.5°	124.9	126.8	132.2	115.8	192.4	325.6	378.5	*386.7*	384.0	352.0	234.4
60°	119.5	121.3	125.9	110.4	191.5	323.8	377.6	*390.3*	386.7	352.9	235.3
61°	*116.7*	*117.6*	*122.2*	*107.6*	*189.7*	*321.9*	*380.3*	*392.2*	*388.5*	*352.0*	*233.5*
62.5°	111.3	113.1	116.7	102.1	184.2	317.4	377.6	*389.4*	386.7	348.4	228.9
65°	100.3	102.1	104.0	91.2	174.2	301.9	355.7	*362.1*	361.2	328.3	215.2
67.5°	87.6	88.5	91.2	79.3	160.5	279.1	323.8	*332.0*	330.1	301.9	197.9
70°	73.0	73.9	76.6	65.7	144.1	249.0	291.8	*301.0*	299.1	271.8	176.9
72.5°	56.5	57.5	59.3	51.1	122.2	212.5	249.9	*259.0*	258.1	234.4	151.4
75°	40.1	41.0	42.9	37.4	95.8	172.4	199.7	*205.2*	207.0	189.7	119.5
77.5°	25.5	25.5	26.4	23.7	68.4	125.9	146.8	*151.4*	153.2	139.5	86.6
80°	13.7	13.7	13.7	12.8	39.2	78.4	92.1	*96.7*	95.8	88.5	52.0
82.5°	6.4	6.4	6.4	5.5	14.6	30.1	37.4	*41.0*	43.8	37.4	21.0
85°	2.7	2.7	3.6	1.8	3.6	5.5	6.4	*7.3*	8.2	8.2	5.5
87.5°	2.7	2.7	2.7	0.9	1.8	2.7	3.6	*3.6*	3.6	2.7	2.7
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: P1442099
CATALOG NUMBER: LXB-C1-840-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	10.0	10.0	10.0	10.0	11.9	10.9	10.9	10.0	9.1	9.1	9.1
5°	12.8	11.9	12.8	14.6	14.6	15.5	16.4	16.4	15.5	15.5	15.5
7.5°	19.2	18.2	18.2	19.2	21.9	24.6	24.6	22.8	21.0	19.2	19.2
10°	20.1	20.1	21.0	23.7	30.1	31.0	31.0	27.4	25.5	24.6	24.6
12.5°	21.0	21.0	22.8	25.5	32.8	32.8	32.8	31.0	28.3	25.5	25.5
15°	24.6	24.6	26.4	30.1	33.7	35.6	36.5	34.7	31.0	24.6	24.6
17.5°	27.4	29.2	31.0	33.7	36.5	38.3	38.3	36.5	31.0	26.4	24.6
20°	31.0	32.8	37.4	37.4	38.3	40.1	40.1	37.4	30.1	26.4	25.5
22.5°	35.6	38.3	42.0	41.0	41.0	42.0	42.9	39.2	31.0	27.4	26.4
25°	42.9	43.8	45.6	44.7	44.7	42.9	45.6	42.0	34.7	30.1	30.1
27.5°	48.3	48.3	50.2	48.3	47.4	46.5	47.4	44.7	37.4	33.7	32.8
30°	52.0	52.9	54.7	52.0	50.2	48.3	49.2	46.5	40.1	36.5	36.5
32.5°	56.5	57.5	57.5	55.6	52.0	50.2	51.1	47.4	41.0	39.2	38.3
35°	61.1	61.1	61.1	58.4	54.7	52.9	52.9	49.2	42.9	41.0	40.1
37.5°	65.7	65.7	65.7	62.0	57.5	55.6	54.7	51.1	45.6	43.8	42.9
40°	73.0	71.1	71.1	66.6	61.1	58.4	57.5	52.0	48.3	46.5	46.5
42.5°	86.6	83.0	82.1	73.9	67.5	63.8	62.0	56.5	52.9	51.1	50.2
45°	108.5	101.2	101.2	87.6	79.3	76.6	73.9	66.6	63.8	61.1	60.2
47.5°	129.5	118.6	118.6	99.4	87.6	85.7	82.1	73.9	71.1	68.4	67.5
50°	149.6	133.2	133.2	109.4	95.8	93.9	89.4	83.0	79.3	76.6	76.6
52.5°	164.2	144.1	144.1	115.8	100.3	99.4	94.8	87.6	83.9	81.2	81.2
55°	170.5	146.8	146.8	118.6	102.1	101.2	96.7	90.3	85.7	83.9	83.9
57.5°	171.5	144.1	144.1	117.6	101.2	100.3	93.9	87.6	85.7	84.8	83.9
60°	168.7	139.5	139.5	114.0	97.6	96.7	91.2	84.8	83.9	83.0	83.0
61°	*166.9*	*137.7*	*136.8*	*111.3*	*95.8*	*94.8*	*89.4*	*83.9*	*83.0*	*82.1*	*82.1*
62.5°	164.2	133.2	133.2	107.6	92.1	92.1	86.6	82.1	80.3	80.3	80.3
65°	153.2	123.1	122.2	99.4	84.8	84.8	80.3	77.5	75.7	75.7	75.7
67.5°	138.6	109.4	108.5	88.5	75.7	75.7	72.0	70.2	69.3	69.3	70.2
70°	121.3	94.8	93.0	75.7	64.8	65.7	62.0	62.9	62.0	62.0	62.9
72.5°	103.1	78.4	76.6	61.1	52.9	54.7	52.9	54.7	52.9	53.8	54.7
75°	80.3	60.2	58.4	45.6	41.0	42.9	42.0	44.7	43.8	44.7	44.7
77.5°	55.6	41.0	39.2	31.0	29.2	31.0	31.0	33.7	32.8	34.7	34.7
80°	31.9	24.6	22.8	18.2	18.2	19.2	20.1	22.8	22.8	23.7	24.6
82.5°	12.8	10.0	10.0	8.2	9.1	10.0	10.0	12.8	12.8	13.7	13.7
85°	2.7	3.6	4.6	3.6	3.6	3.6	2.7	4.6	4.6	5.5	5.5
87.5°	1.8	1.8	2.7	2.7	2.7	2.7	1.8	2.7	3.6	4.6	4.6
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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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: SP1-2509-539-8

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

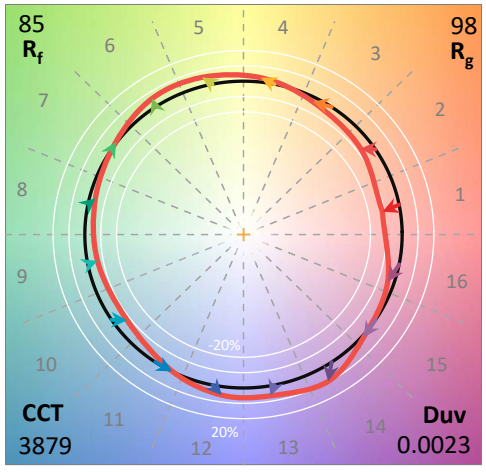
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-8
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-C1-840-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	3879
CIE u':	0.2261
CIE v':	0.5068
Duv:	0.0023
CIE x:	0.3878
CIE y:	0.3863
CIE z:	0.2260
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	578
Purity:	32.30035
Rf:	84.8
Rg:	97.9

CRI (Ra):	83.0				
R1:	81.2	R9:	8.2
R2:	87.4	R10:	71.6
R3:	93.9	R11:	84.7
R4:	84.2	R12:	68.5
R5:	81.9	R13:	82.3
R6:	84.2	R14:	96.6
R7:	86.4	R15:	73.7
R8:	65.2		



Test Conditions

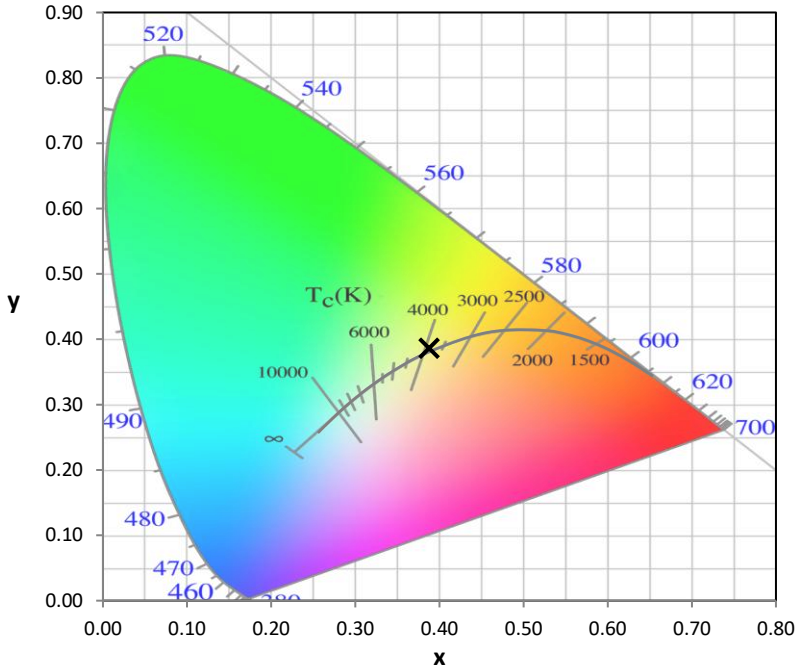
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-8

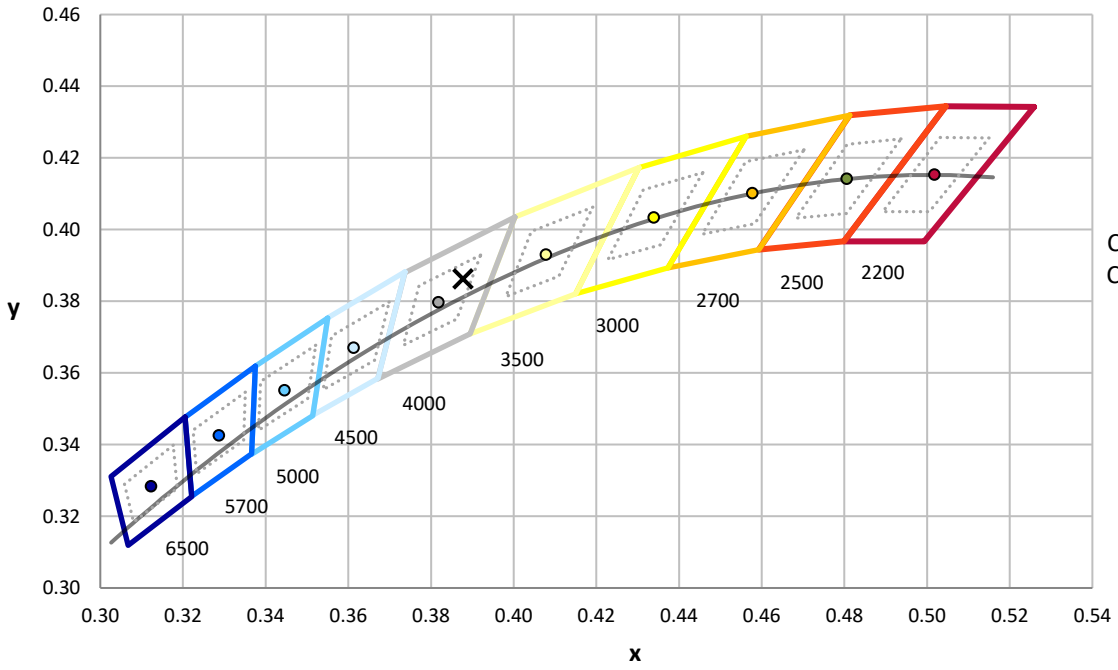
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-8

CIE 1931 Chromaticity Diagram



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

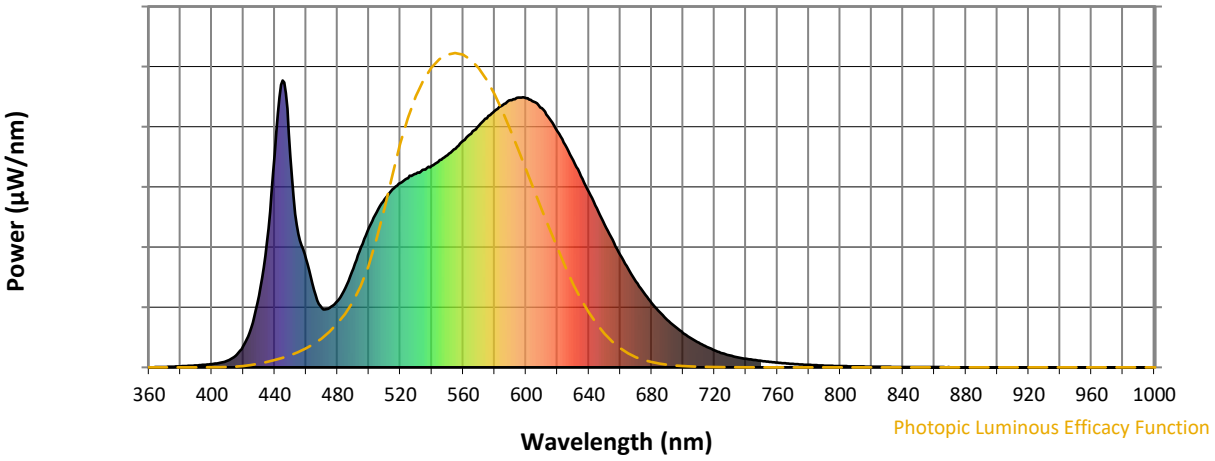


CCT = 3879K
CIE x = 0.3878
CIE y = 0.3863
Duv = 0.0023

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-8

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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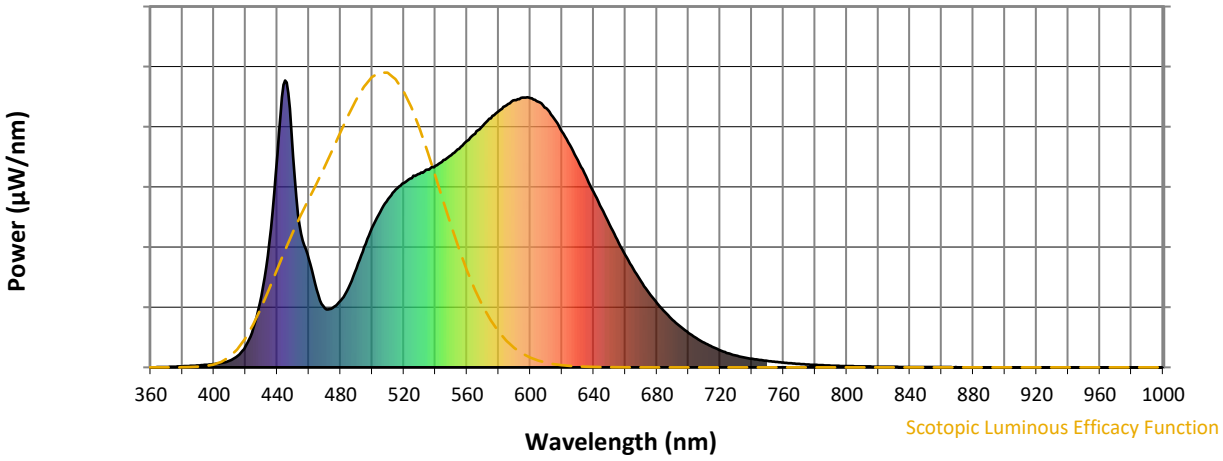
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.63**

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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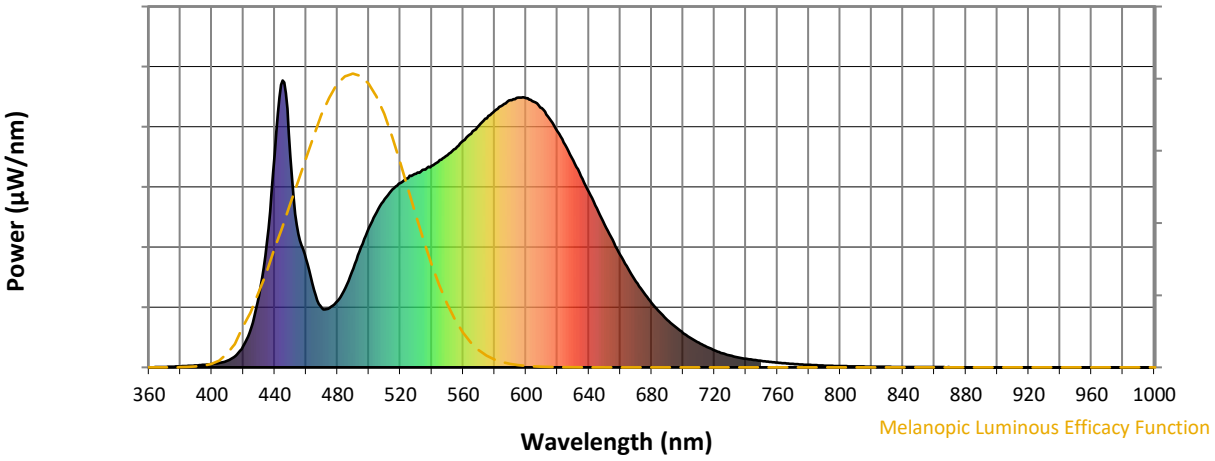
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.25**

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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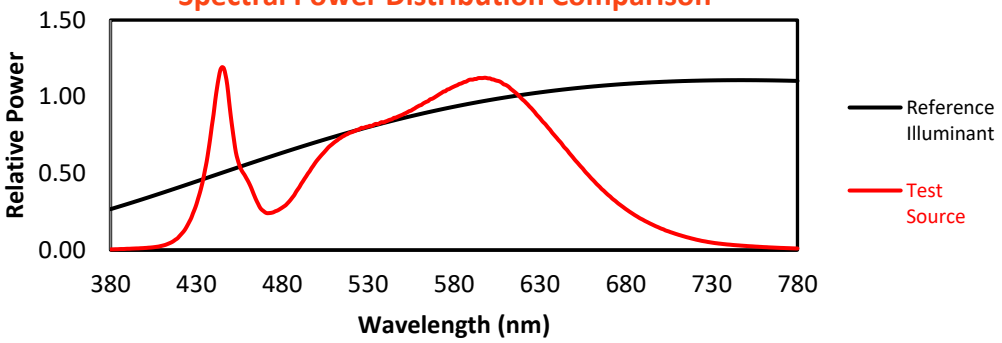
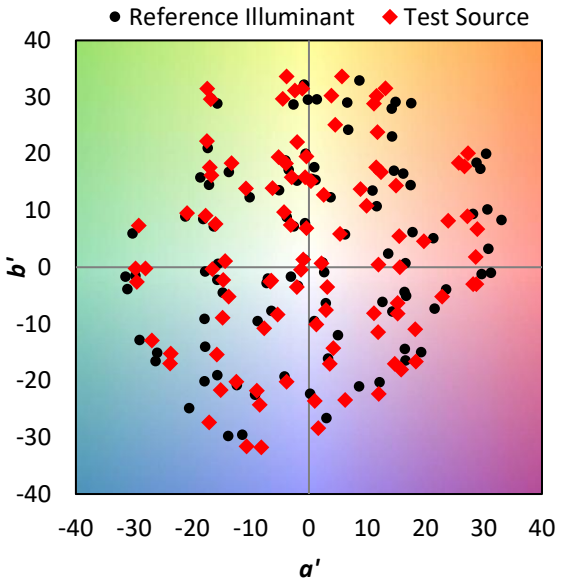
Summary

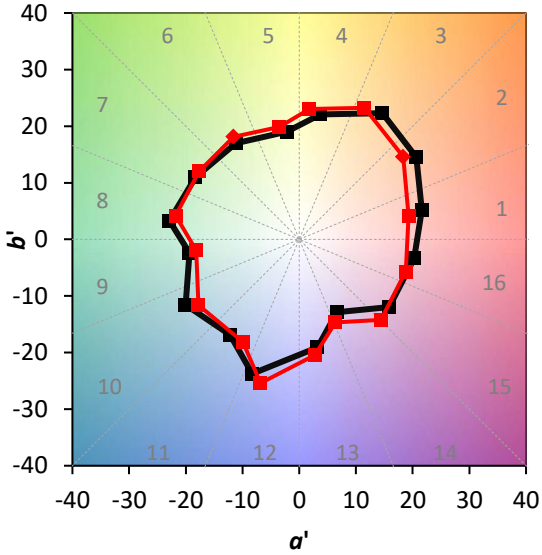
R_f = 84.8
R_g = 97.9
CIE R_a = 83.0
R_9 = 8.2

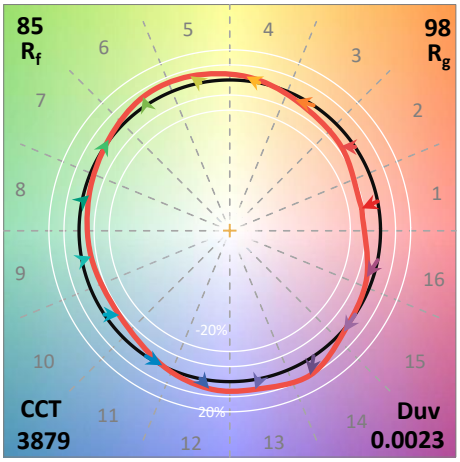
Spectral Power Distribution Comparison

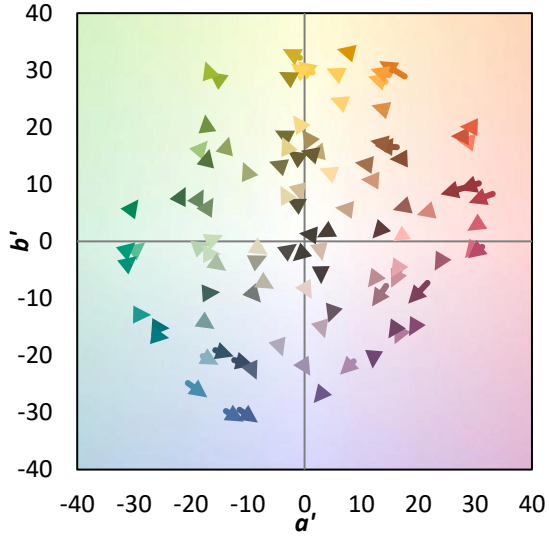


Color Vector Graphics









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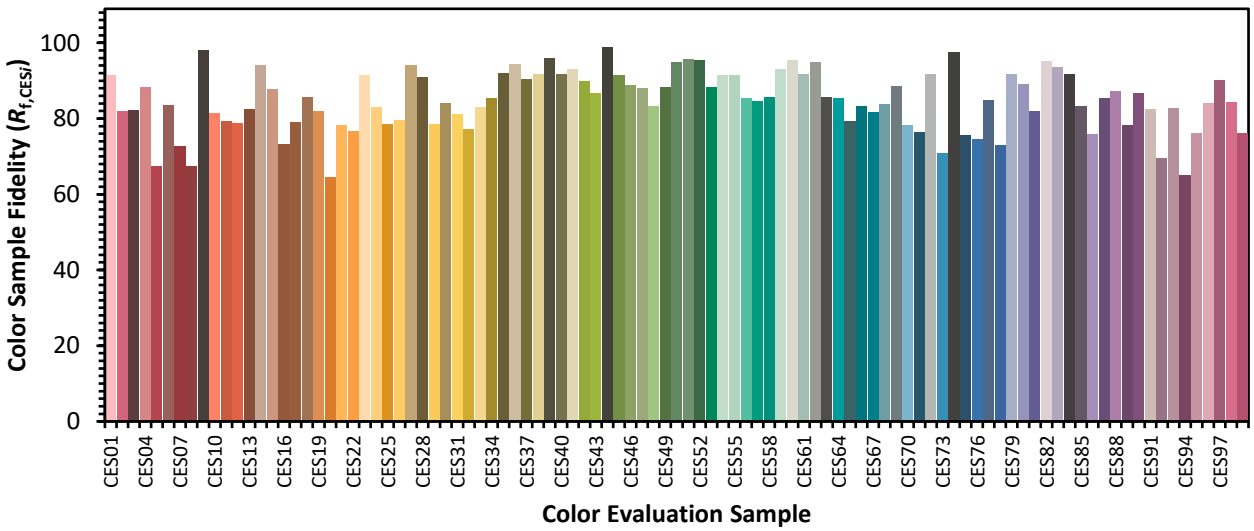
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 80	CES51 = 96	CES76 = 74
CES02 = 61	CES27 = 94	CES52 = 95	CES77 = 85
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 73
CES04 = 69	CES29 = 79	CES54 = 91	CES79 = 92
CES05 = 48	CES30 = 84	CES55 = 91	CES80 = 89
CES06 = 50	CES31 = 81	CES56 = 85	CES81 = 82
CES07 = 41	CES32 = 77	CES57 = 85	CES82 = 95
CES08 = 40	CES33 = 83	CES58 = 86	CES83 = 94
CES09 = 29	CES34 = 85	CES59 = 93	CES84 = 92
CES10 = 74	CES35 = 92	CES60 = 95	CES85 = 83
CES11 = 57	CES36 = 94	CES61 = 92	CES86 = 76
CES12 = 63	CES37 = 90	CES62 = 95	CES87 = 85
CES13 = 43	CES38 = 92	CES63 = 86	CES88 = 87
CES14 = 74	CES39 = 96	CES64 = 85	CES89 = 78
CES15 = 71	CES40 = 92	CES65 = 79	CES90 = 87
CES16 = 47	CES41 = 93	CES66 = 83	CES91 = 82
CES17 = 49	CES42 = 90	CES67 = 82	CES92 = 69
CES18 = 56	CES43 = 87	CES68 = 84	CES93 = 83
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 65
CES20 = 65	CES45 = 92	CES70 = 78	CES95 = 76
CES21 = 86	CES46 = 89	CES71 = 76	CES96 = 84
CES22 = 78	CES47 = 88	CES72 = 92	CES97 = 90
CES23 = 91	CES48 = 83	CES73 = 71	CES98 = 84
CES24 = 90	CES49 = 88	CES74 = 97	CES99 = 76
CES25 = 71	CES50 = 95	CES75 = 76	



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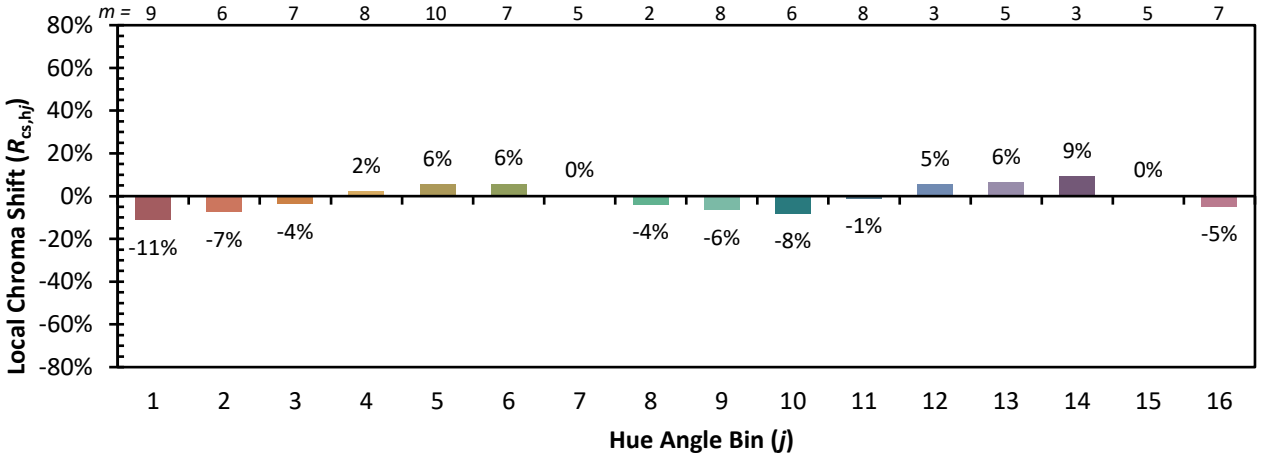
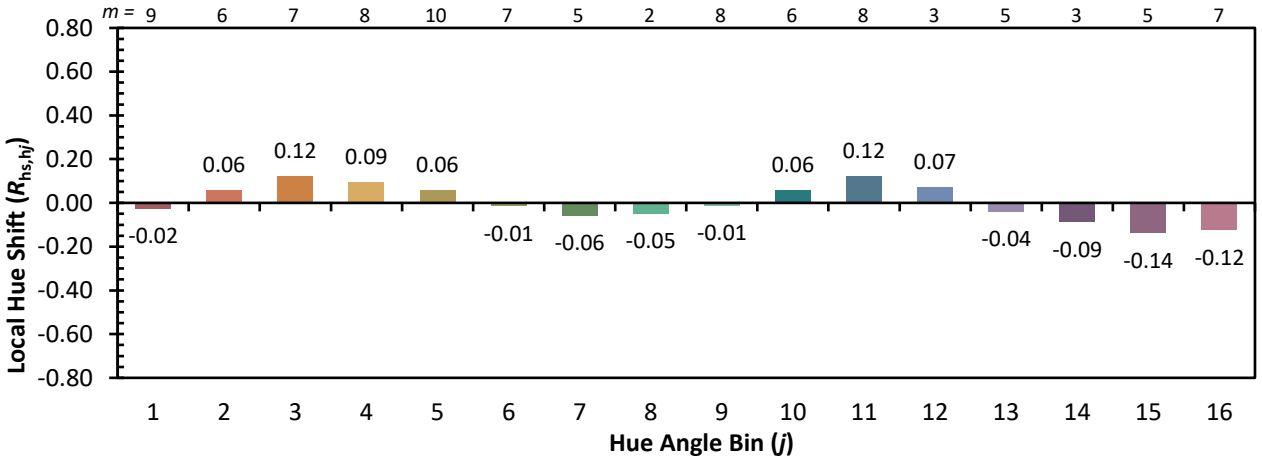
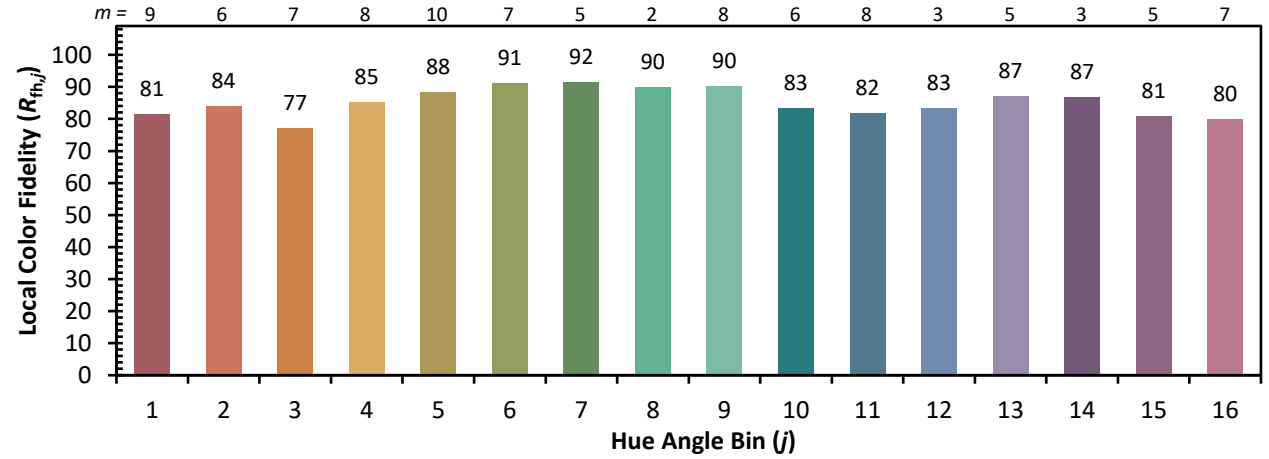
Color Rendition by Hue-Angle Bin







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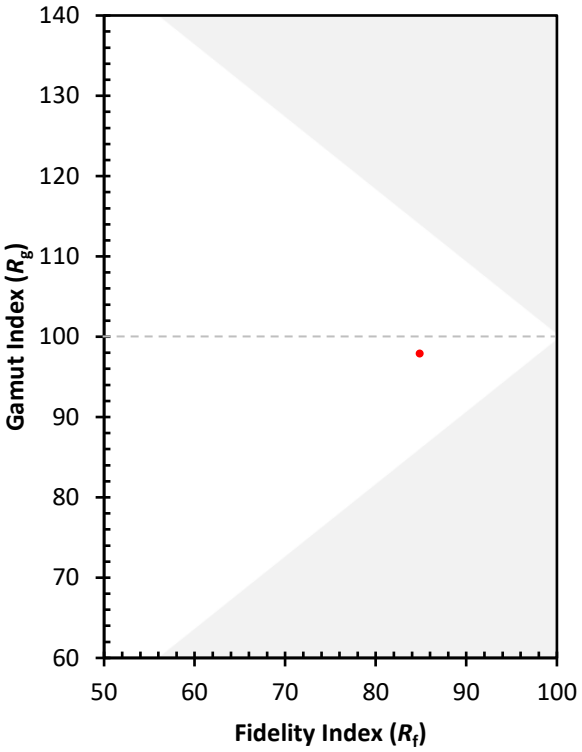
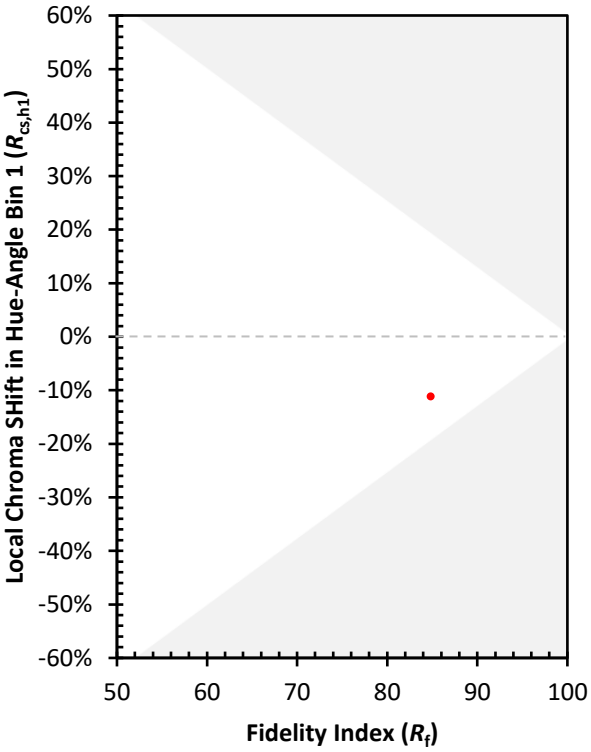
Measure Comparisons





(END OF REPORT)