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: P1459775

Luminaire Tested: LXB-CX-740-X-U-A-GM-CBP

Issue Date: 5/26/2026

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:	P1459775
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-28)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	5/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-CX-740-X-U-A-GM-CBP
Description:	LuxeScape OUTDOOR ARCHITECTURAL BOLLARD LUMINAIRE
	ASYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 70 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	440 lumens
Efficiency:	N/A
Efficacy:	49.4 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G0

Input Watts (W):	8.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	N/R
Total Harmonic Distortion (THDi):	N/R
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	3 HR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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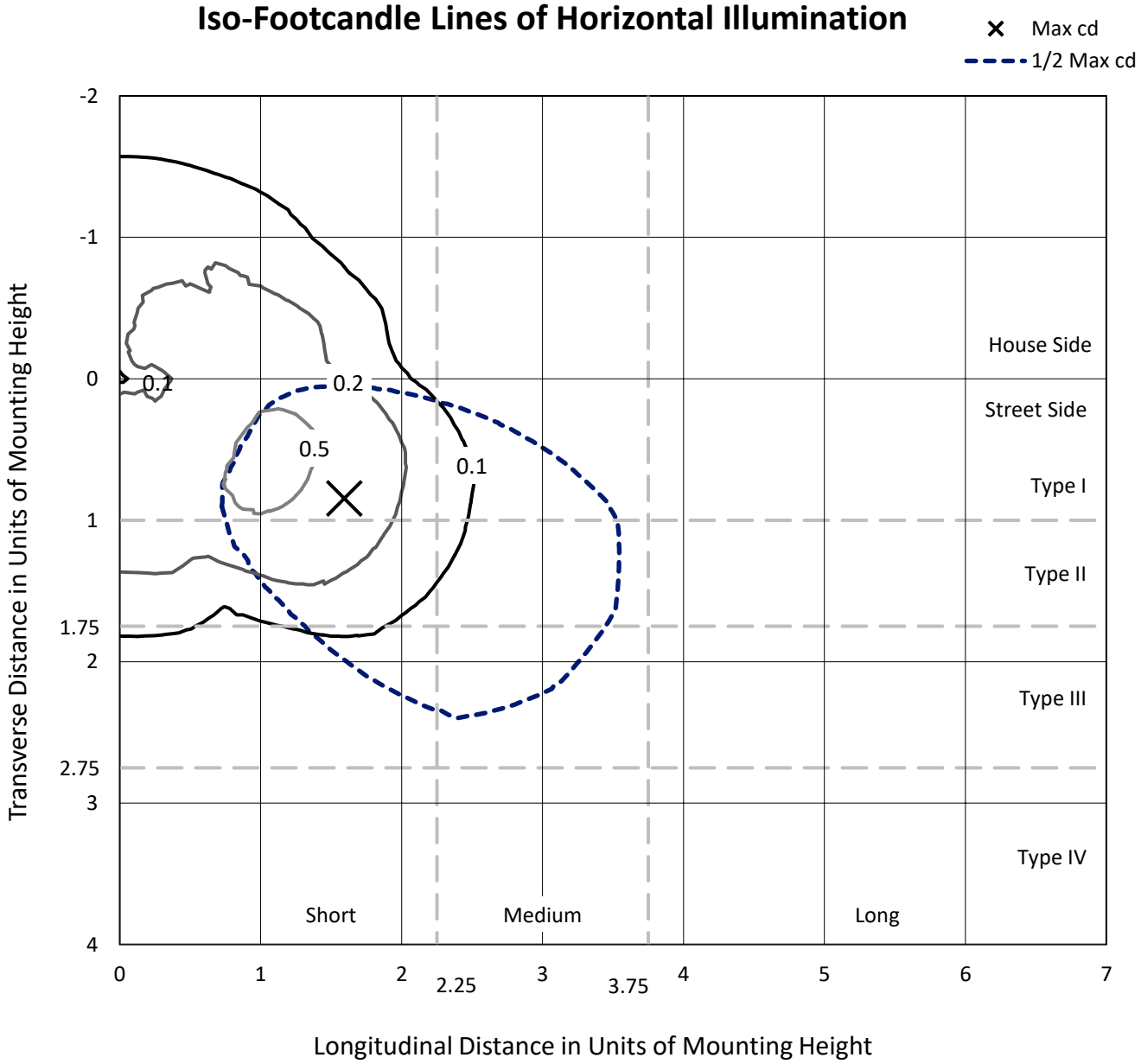
REPORT NUMBER: P1459775
CATALOG NUMBER: LXB-CX-740-X-U-A-GM-CBP

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 0.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1459775
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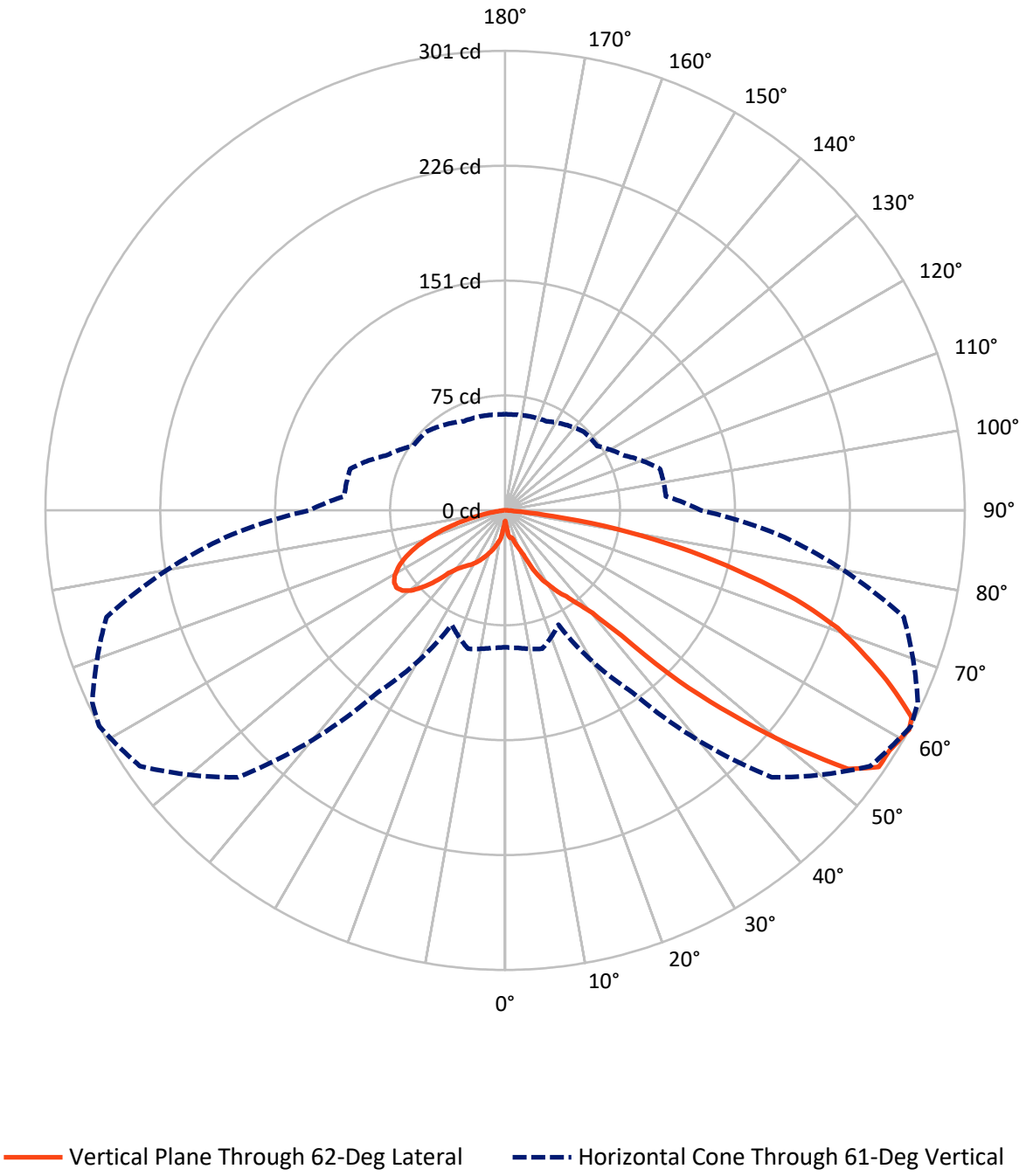
Luminous Intensity Polar Plot



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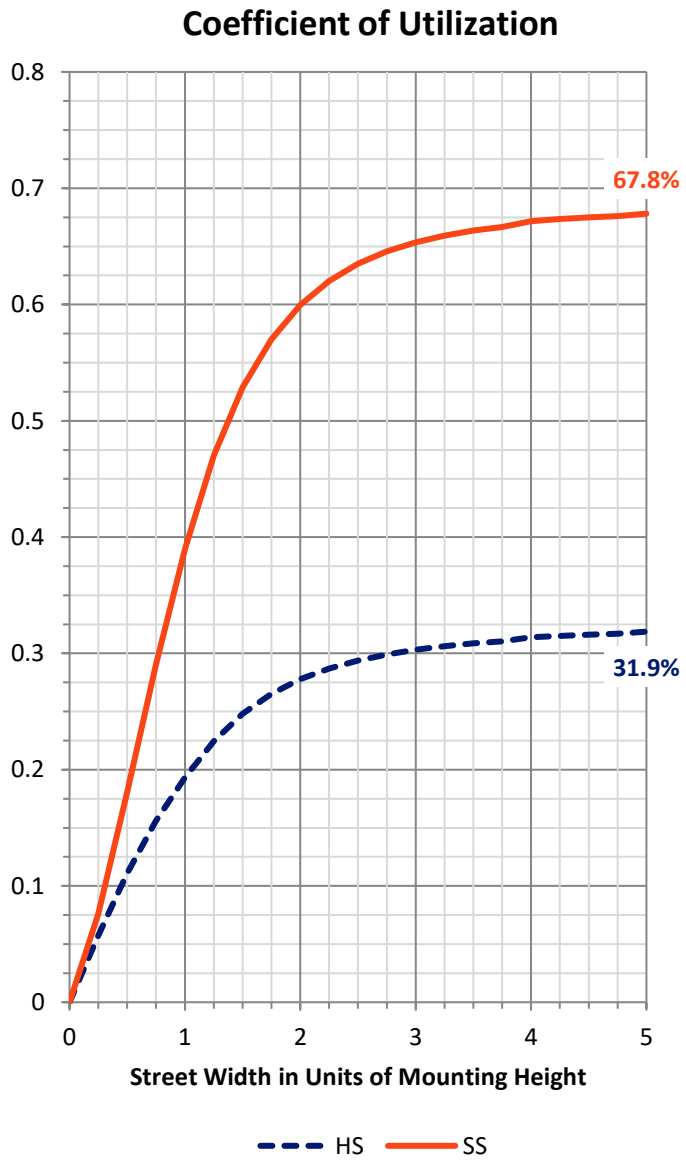
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	141.1	0.0	141.1
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	298.9	0.0	298.9
	% Fixture	67.9	0.0	67.9
Total	Lumens	440.0	0.0	440.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.5	0.3
10°-20°	7.4	1.7
20°-30°	17.2	3.9
30°-40°	31.8	7.2
40°-50°	67.8	15.4
50°-60°	119.2	27.1
60°-70°	118.5	26.9
70°-80°	67.8	15.4
80°-90°	8.9	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°	440.0	100.0
0°-180°	440.0	100.0



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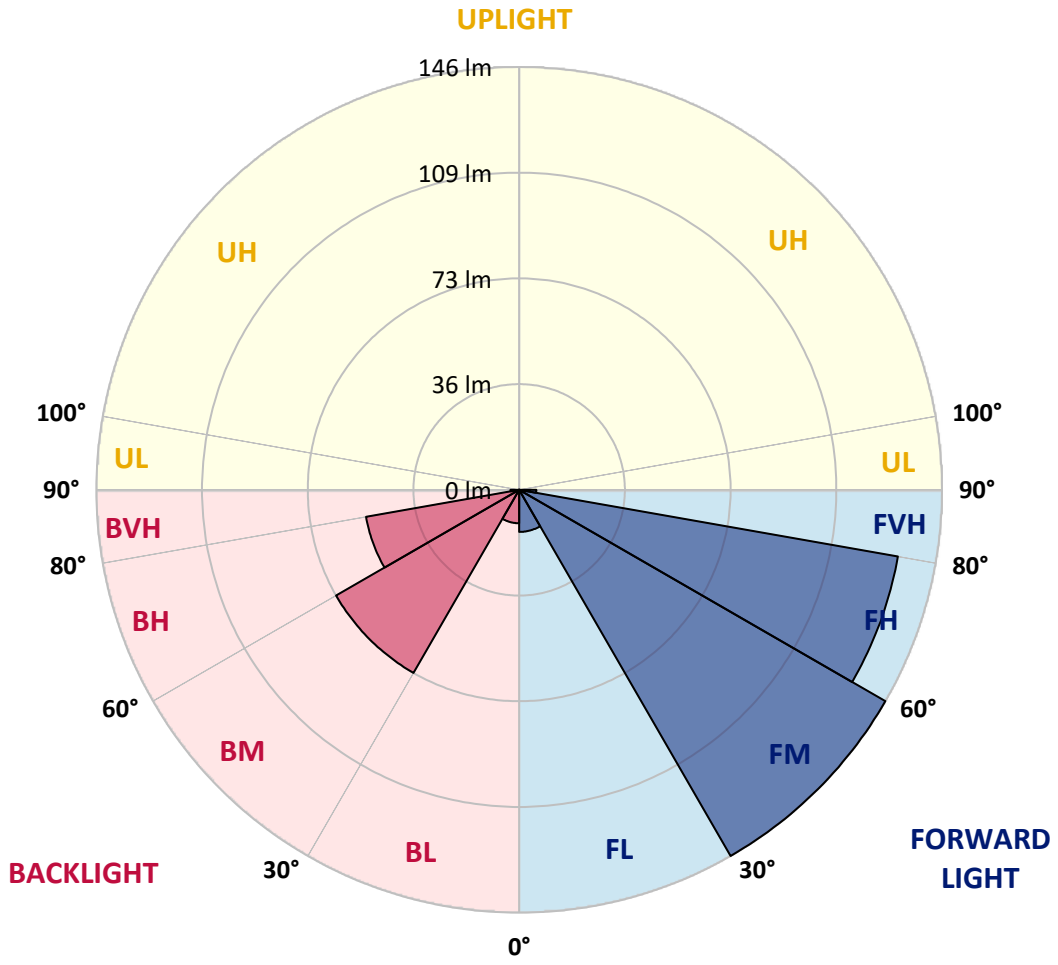
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	14.5	3.3			
FM	(30°-60°)	145.9	33.1			
FH	(60°-80°)	132.7	30.1			G0/660
FVH	(80°-90°)	5.9	1.3			G0/10
BL	(0°-30°)	11.5	2.6	B0/110		
BM	(30°-60°)	72.9	16.6	B0/220		
BH	(60°-80°)	53.6	12.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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: P1459775
CATALOG NUMBER: LXB-CX-740-X-U-A-GM-CBP

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	*7.0*	7.0	7.0	7.0
2.5°	9.1	9.1	9.1	9.8	9.1	8.4	8.4	*8.4*	8.4	7.7	7.7
5°	15.4	15.4	15.4	14.7	14.0	14.0	12.6	*11.9*	11.2	10.5	10.5
7.5°	23.8	23.1	25.2	24.5	21.7	18.9	17.5	*16.8*	16.1	15.4	14.7
10°	30.1	31.5	28.7	28.0	26.6	23.1	19.6	*18.2*	17.5	16.8	15.4
12.5°	35.0	32.9	31.5	32.2	28.7	24.5	21.0	*18.2*	17.5	16.8	16.1
15°	37.1	37.8	37.1	35.7	31.5	25.9	21.7	*19.6*	19.6	18.2	18.9
17.5°	41.3	41.3	40.6	36.4	32.9	27.3	24.5	*23.8*	23.1	21.0	21.0
20°	44.1	44.8	44.8	37.8	34.3	30.1	28.7	*27.3*	26.6	25.2	23.1
22.5°	46.9	48.3	46.9	41.3	37.1	33.6	33.6	*32.9*	32.2	29.4	28.0
25°	50.4	50.4	49.0	42.7	39.9	37.8	42.0	*42.7*	41.3	35.0	32.9
27.5°	53.2	53.9	51.1	46.2	42.7	44.1	51.1	*51.1*	50.4	41.3	37.1
30°	56.0	56.0	53.9	48.3	45.5	50.4	56.7	*56.7*	56.7	50.4	42.0
32.5°	58.1	58.1	56.0	50.4	48.3	56.0	62.3	*63.7*	63.0	56.7	46.2
35°	59.5	60.2	57.4	52.5	51.1	61.6	67.9	*69.3*	69.3	63.7	50.4
37.5°	62.3	62.3	60.2	53.9	55.3	69.3	76.4	*77.8*	77.8	71.4	56.0
40°	65.1	64.4	63.0	57.4	60.2	79.2	86.2	*88.3*	88.3	82.7	63.0
42.5°	69.3	69.3	67.9	62.3	69.3	99.5	107.2	*112.1*	112.1	103.7	77.8
45°	81.3	81.3	82.0	75.7	88.3	137.3	154.8	*159.7*	158.3	143.6	101.6
47.5°	87.6	86.9	90.4	82.0	105.1	170.2	191.9	*199.6*	198.2	184.2	126.1
50°	94.6	94.6	100.2	91.1	125.4	206.6	234.0	*241.0*	240.3	220.7	147.8
52.5°	96.7	97.4	104.4	95.3	138.7	233.3	271.8	*281.6*	279.5	250.1	164.6
55°	97.4	98.8	105.1	94.6	145.0	248.0	290.7	*297.0*	295.6	266.2	175.1
57.5°	96.0	97.4	101.6	89.0	147.8	250.1	290.7	*297.0*	294.9	270.4	180.0
60°	91.8	93.2	96.7	84.8	147.1	248.7	290.0	*299.8*	297.0	271.1	180.7
61°	*89.7*	*90.4*	*93.9*	*82.7*	*145.7*	*247.3*	*292.1*	*301.2*	*298.4*	*270.4*	*179.3*
62.5°	85.5	86.9	89.7	78.5	141.5	243.8	290.0	*299.1*	297.0	267.6	175.8
65°	77.1	78.5	79.9	70.0	133.8	231.9	273.2	*278.1*	277.4	252.2	165.3
67.5°	67.2	67.9	70.0	60.9	123.3	214.3	248.7	*255.0*	253.6	231.9	152.0
70°	56.0	56.7	58.8	50.4	110.7	191.2	224.2	*231.2*	229.8	208.7	135.9
72.5°	43.4	44.1	45.5	39.2	93.9	163.2	191.9	*198.9*	198.2	180.0	116.3
75°	30.8	31.5	32.9	28.7	73.6	132.4	153.4	*157.6*	159.0	145.7	91.8
77.5°	19.6	19.6	20.3	18.2	52.5	96.7	112.8	*116.3*	117.7	107.2	66.5
80°	10.5	10.5	10.5	9.8	30.1	60.2	70.7	*74.3*	73.6	67.9	39.9
82.5°	4.9	4.9	4.9	4.2	11.2	23.1	28.7	*31.5*	33.6	28.7	16.1
85°	2.1	2.1	2.8	1.4	2.8	4.2	4.9	*5.6*	6.3	6.3	4.2
87.5°	2.1	2.1	2.1	0.7	1.4	2.1	2.8	*2.8*	2.8	2.1	2.1
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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Scaled Data Report

REPORT NUMBER: P1459775
CATALOG NUMBER: LXB-CX-740-X-U-A-GM-CBP

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2.5°	7.7	7.7	7.7	7.7	9.1	8.4	8.4	7.7	7.0	7.0	7.0
5°	9.8	9.1	9.8	11.2	11.2	11.9	12.6	12.6	11.9	11.9	11.9
7.5°	14.7	14.0	14.0	14.7	16.8	18.9	18.9	17.5	16.1	14.7	14.7
10°	15.4	15.4	16.1	18.2	23.1	23.8	23.8	21.0	19.6	18.9	18.9
12.5°	16.1	16.1	17.5	19.6	25.2	25.2	25.2	23.8	21.7	19.6	19.6
15°	18.9	18.9	20.3	23.1	25.9	27.3	28.0	26.6	23.8	18.9	18.9
17.5°	21.0	22.4	23.8	25.9	28.0	29.4	29.4	28.0	23.8	20.3	18.9
20°	23.8	25.2	28.7	28.7	29.4	30.8	30.8	28.7	23.1	20.3	19.6
22.5°	27.3	29.4	32.2	31.5	31.5	32.2	32.9	30.1	23.8	21.0	20.3
25°	32.9	33.6	35.0	34.3	34.3	32.9	35.0	32.2	26.6	23.1	23.1
27.5°	37.1	37.1	38.5	37.1	36.4	35.7	36.4	34.3	28.7	25.9	25.2
30°	39.9	40.6	42.0	39.9	38.5	37.1	37.8	35.7	30.8	28.0	28.0
32.5°	43.4	44.1	44.1	42.7	39.9	38.5	39.2	36.4	31.5	30.1	29.4
35°	46.9	46.9	46.9	44.8	42.0	40.6	40.6	37.8	32.9	31.5	30.8
37.5°	50.4	50.4	50.4	47.6	44.1	42.7	42.0	39.2	35.0	33.6	32.9
40°	56.0	54.6	54.6	51.1	46.9	44.8	44.1	39.9	37.1	35.7	35.7
42.5°	66.5	63.7	63.0	56.7	51.8	49.0	47.6	43.4	40.6	39.2	38.5
45°	83.4	77.8	77.8	67.2	60.9	58.8	56.7	51.1	49.0	46.9	46.2
47.5°	99.5	91.1	91.1	76.4	67.2	65.8	63.0	56.7	54.6	52.5	51.8
50°	114.9	102.3	102.3	84.1	73.6	72.2	68.6	63.7	60.9	58.8	58.8
52.5°	126.1	110.7	110.7	89.0	77.1	76.4	72.9	67.2	64.4	62.3	62.3
55°	131.0	112.8	112.8	91.1	78.5	77.8	74.3	69.3	65.8	64.4	64.4
57.5°	131.7	110.7	110.7	90.4	77.8	77.1	72.2	67.2	65.8	65.1	64.4
60°	129.6	107.2	107.2	87.6	75.0	74.3	70.0	65.1	64.4	63.7	63.7
61°	*128.2*	*105.8*	*105.1*	*85.5*	*73.6*	*72.9*	*68.6*	*64.4*	*63.7*	*63.0*	*63.0*
62.5°	126.1	102.3	102.3	82.7	70.7	70.7	66.5	63.0	61.6	61.6	61.6
65°	117.7	94.6	93.9	76.4	65.1	65.1	61.6	59.5	58.1	58.1	58.1
67.5°	106.5	84.1	83.4	67.9	58.1	58.1	55.3	53.9	53.2	53.2	53.9
70°	93.2	72.9	71.4	58.1	49.7	50.4	47.6	48.3	47.6	47.6	48.3
72.5°	79.2	60.2	58.8	46.9	40.6	42.0	40.6	42.0	40.6	41.3	42.0
75°	61.6	46.2	44.8	35.0	31.5	32.9	32.2	34.3	33.6	34.3	34.3
77.5°	42.7	31.5	30.1	23.8	22.4	23.8	23.8	25.9	25.2	26.6	26.6
80°	24.5	18.9	17.5	14.0	14.0	14.7	15.4	17.5	17.5	18.2	18.9
82.5°	9.8	7.7	7.7	6.3	7.0	7.7	7.7	9.8	9.8	10.5	10.5
85°	2.1	2.8	3.5	2.8	2.8	2.8	2.1	3.5	3.5	4.2	4.2
87.5°	1.4	1.4	2.1	2.1	2.1	2.1	1.4	2.1	2.8	3.5	3.5
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Invue

Report Number: SP1-2509-539-9

Test Date: 04/14/2026

Luminaire Tested: Luxscape Bollard

Data in this report applies to families of products including ;Luxscape

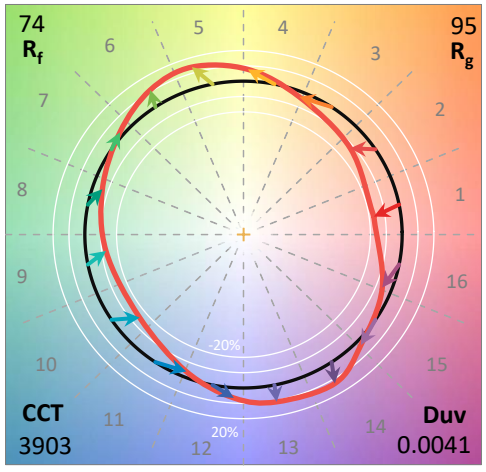
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-9
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-C1-740-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	3903	CRI (Ra):	71.4		
CIE u':	0.2247	R1:	67.8	R9:	-38.3
CIE v':	0.5085	R2:	77.2	R10:	48.5
Duv:	0.0041	R3:	87.2	R11:	70.3
CIE x:	0.3880	R4:	72.2	R12:	48.8
CIE y:	0.3902	R5:	68.6	R13:	68.9
CIE z:	0.2218	R6:	70.0	R14:	92.8
Peak Wavelength (nm):	442	R7:	79.2	R15:	58.3
Dominant Wavelength (nm):	577	R8:	49.3		
Purity:	33.55395				
Rf:	74.1				
Rg:	95.4				



Test Conditions

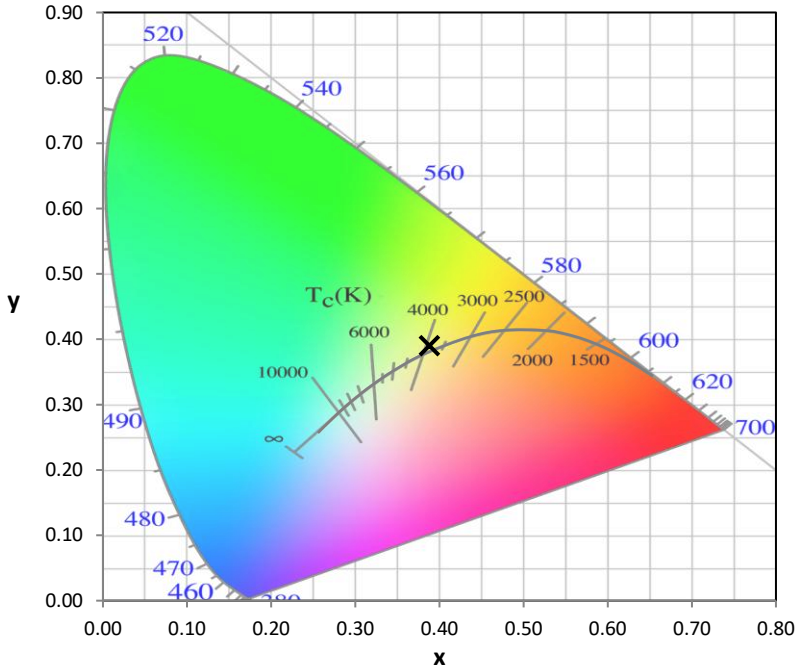
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-9

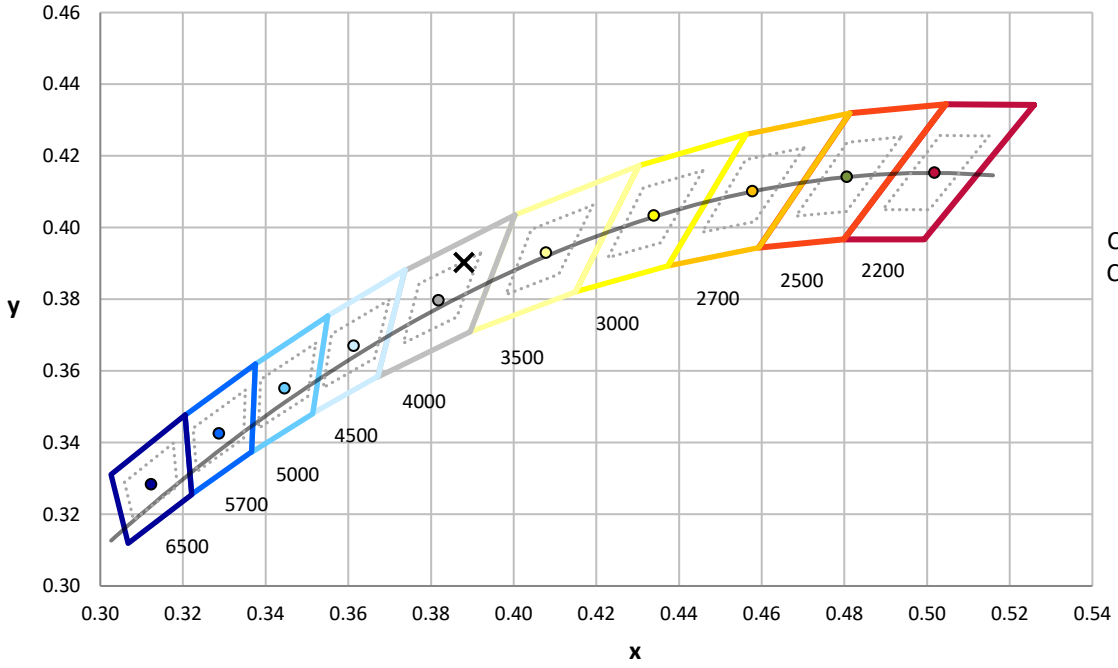
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-9

CIE 1931 Chromaticity Diagram



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

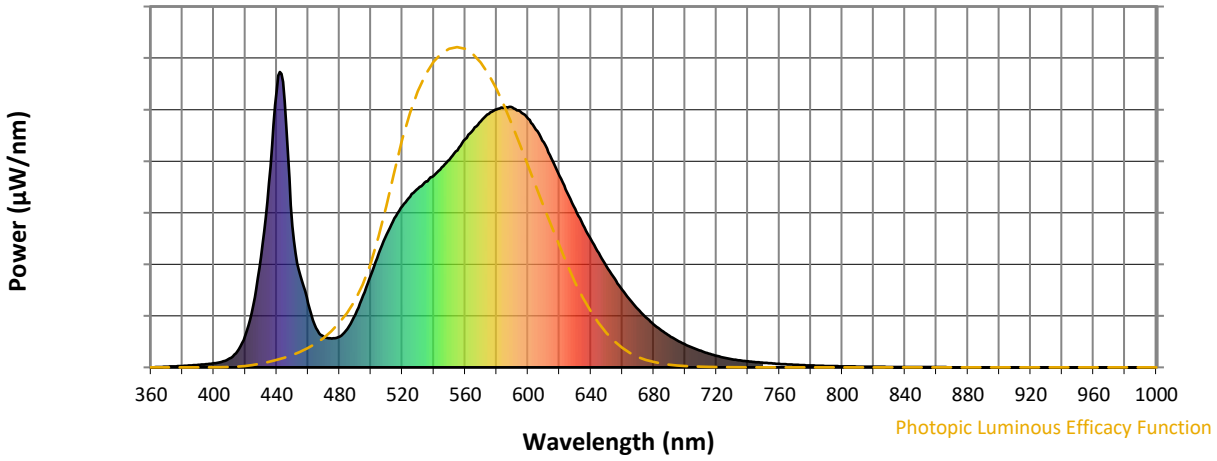


CCT = 3903K
CIE x = 0.3880
CIE y = 0.3902
Duv = 0.0041

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-9

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	179	NR	620	648	NR	750	16	NR	880	0	NR
365	1	NR	495	243	NR	625	592	NR	755	14	NR	885	0	NR
370	2	NR	500	314	NR	630	536	NR	760	12	NR	890	0	NR
375	3	NR	505	386	NR	635	483	NR	765	10	NR	895	0	NR
380	5	NR	510	450	NR	640	433	NR	770	9	NR	900	0	NR
385	7	NR	515	505	NR	645	387	NR	775	8	NR	905	0	NR
390	8	NR	520	546	NR	650	341	NR	780	6	NR	910	0	NR
395	11	NR	525	577	NR	655	301	NR	785	5	NR	915	0	NR
400	14	NR	530	605	NR	660	262	NR	790	5	NR	920	0	NR
405	19	NR	535	630	NR	665	227	NR	795	4	NR	925	0	NR
410	30	NR	540	649	NR	670	197	NR	800	3	NR	930	0	NR
415	55	NR	545	677	NR	675	169	NR	805	3	NR	935	0	NR
420	109	NR	550	703	NR	680	146	NR	810	3	NR	940	0	NR
425	210	NR	555	735	NR	685	125	NR	815	2	NR	945	0	NR
430	373	NR	560	772	NR	690	107	NR	820	2	NR	950	0	NR
435	624	NR	565	804	NR	695	91	NR	825	2	NR	955	0	NR
440	936	NR	570	833	NR	700	78	NR	830	2	NR	960	0	NR
445	901	NR	575	858	NR	705	66	NR	835	1	NR	965	0	NR
450	478	NR	580	873	NR	710	56	NR	840	1	NR	970	0	NR
455	311	NR	585	879	NR	715	47	NR	845	1	NR	975	0	NR
460	218	NR	590	880	NR	720	39	NR	850	1	NR	980	0	NR
465	134	NR	595	867	NR	725	33	NR	855	1	NR	985	0	NR
470	103	NR	600	842	NR	730	27	NR	860	1	NR	990	0	NR
475	98	NR	605	806	NR	735	24	NR	865	1	NR	995	0	NR
480	104	NR	610	762	NR	740	20	NR	870	0	NR	1000	0	NR
485	130	NR	615	707	NR	745	18	NR	875	0	NR			

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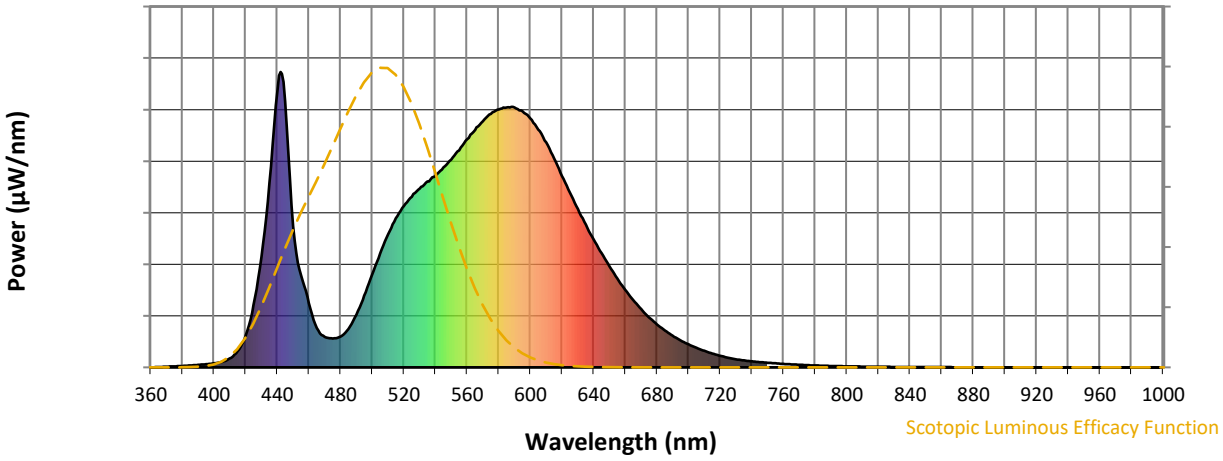
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	179	NR	620	648	NR	750	16	NR	880	0	NR
365	1	NR	495	243	NR	625	592	NR	755	14	NR	885	0	NR
370	2	NR	500	314	NR	630	536	NR	760	12	NR	890	0	NR
375	3	NR	505	386	NR	635	483	NR	765	10	NR	895	0	NR
380	5	NR	510	450	NR	640	433	NR	770	9	NR	900	0	NR
385	7	NR	515	505	NR	645	387	NR	775	8	NR	905	0	NR
390	8	NR	520	546	NR	650	341	NR	780	6	NR	910	0	NR
395	11	NR	525	577	NR	655	301	NR	785	5	NR	915	0	NR
400	14	NR	530	605	NR	660	262	NR	790	5	NR	920	0	NR
405	19	NR	535	630	NR	665	227	NR	795	4	NR	925	0	NR
410	30	NR	540	649	NR	670	197	NR	800	3	NR	930	0	NR
415	55	NR	545	677	NR	675	169	NR	805	3	NR	935	0	NR
420	109	NR	550	703	NR	680	146	NR	810	3	NR	940	0	NR
425	210	NR	555	735	NR	685	125	NR	815	2	NR	945	0	NR
430	373	NR	560	772	NR	690	107	NR	820	2	NR	950	0	NR
435	624	NR	565	804	NR	695	91	NR	825	2	NR	955	0	NR
440	936	NR	570	833	NR	700	78	NR	830	2	NR	960	0	NR
445	901	NR	575	858	NR	705	66	NR	835	1	NR	965	0	NR
450	478	NR	580	873	NR	710	56	NR	840	1	NR	970	0	NR
455	311	NR	585	879	NR	715	47	NR	845	1	NR	975	0	NR
460	218	NR	590	880	NR	720	39	NR	850	1	NR	980	0	NR
465	134	NR	595	867	NR	725	33	NR	855	1	NR	985	0	NR
470	103	NR	600	842	NR	730	27	NR	860	1	NR	990	0	NR
475	98	NR	605	806	NR	735	24	NR	865	1	NR	995	0	NR
480	104	NR	610	762	NR	740	20	NR	870	0	NR	1000	0	NR
485	130	NR	615	707	NR	745	18	NR	875	0	NR			

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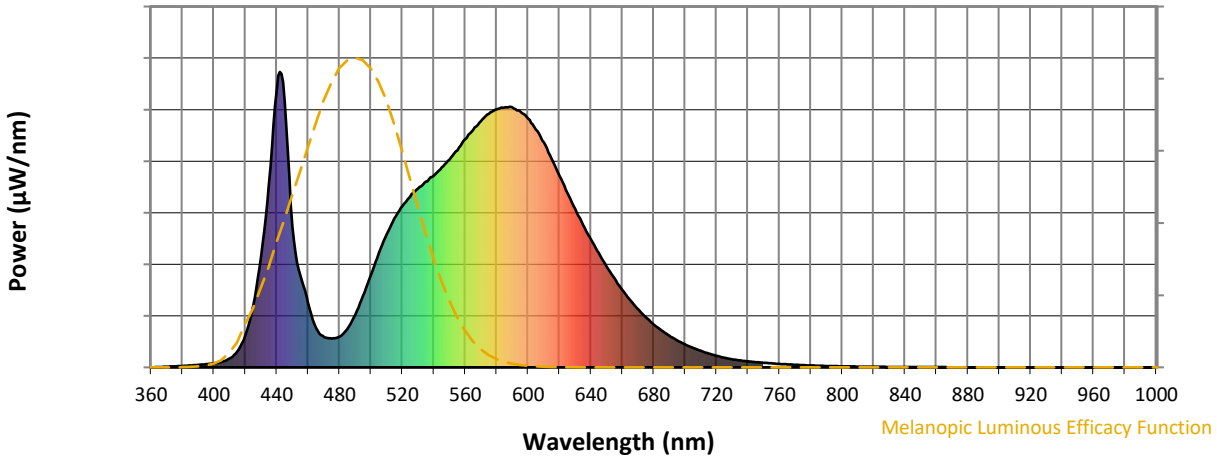
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.81**

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	179	NR	620	648	NR	750	16	NR	880	0	NR
365	1	NR	495	243	NR	625	592	NR	755	14	NR	885	0	NR
370	2	NR	500	314	NR	630	536	NR	760	12	NR	890	0	NR
375	3	NR	505	386	NR	635	483	NR	765	10	NR	895	0	NR
380	5	NR	510	450	NR	640	433	NR	770	9	NR	900	0	NR
385	7	NR	515	505	NR	645	387	NR	775	8	NR	905	0	NR
390	8	NR	520	546	NR	650	341	NR	780	6	NR	910	0	NR
395	11	NR	525	577	NR	655	301	NR	785	5	NR	915	0	NR
400	14	NR	530	605	NR	660	262	NR	790	5	NR	920	0	NR
405	19	NR	535	630	NR	665	227	NR	795	4	NR	925	0	NR
410	30	NR	540	649	NR	670	197	NR	800	3	NR	930	0	NR
415	55	NR	545	677	NR	675	169	NR	805	3	NR	935	0	NR
420	109	NR	550	703	NR	680	146	NR	810	3	NR	940	0	NR
425	210	NR	555	735	NR	685	125	NR	815	2	NR	945	0	NR
430	373	NR	560	772	NR	690	107	NR	820	2	NR	950	0	NR
435	624	NR	565	804	NR	695	91	NR	825	2	NR	955	0	NR
440	936	NR	570	833	NR	700	78	NR	830	2	NR	960	0	NR
445	901	NR	575	858	NR	705	66	NR	835	1	NR	965	0	NR
450	478	NR	580	873	NR	710	56	NR	840	1	NR	970	0	NR
455	311	NR	585	879	NR	715	47	NR	845	1	NR	975	0	NR
460	218	NR	590	880	NR	720	39	NR	850	1	NR	980	0	NR
465	134	NR	595	867	NR	725	33	NR	855	1	NR	985	0	NR
470	103	NR	600	842	NR	730	27	NR	860	1	NR	990	0	NR
475	98	NR	605	806	NR	735	24	NR	865	1	NR	995	0	NR
480	104	NR	610	762	NR	740	20	NR	870	0	NR	1000	0	NR
485	130	NR	615	707	NR	745	18	NR	875	0	NR			

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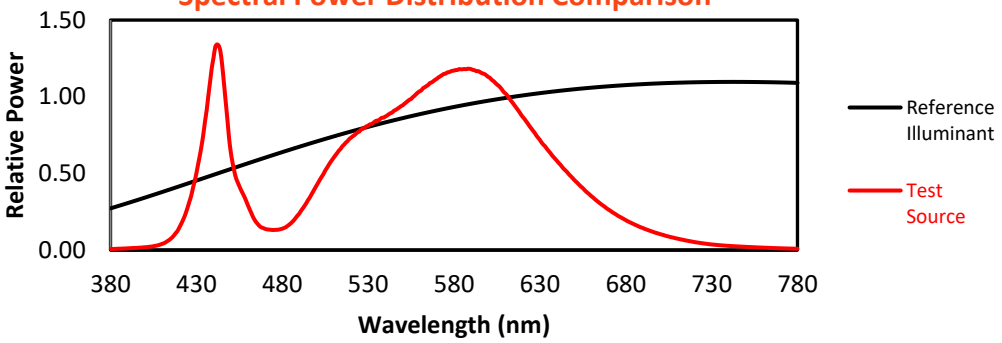
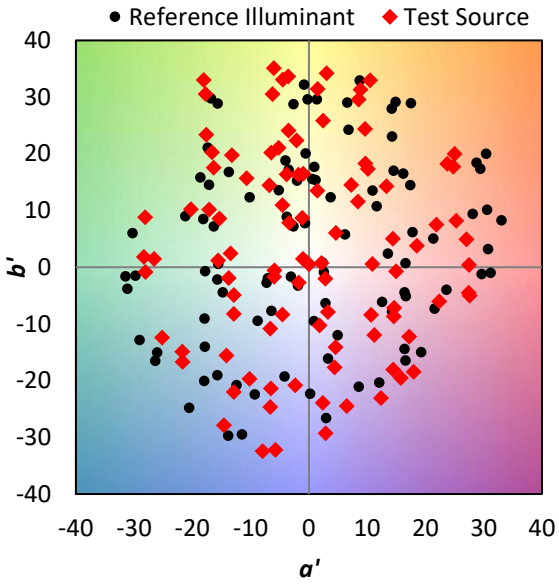
Summary

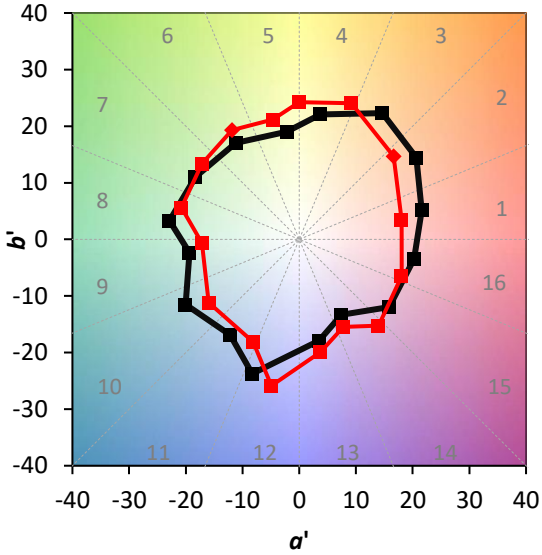
R_f = 74.1
R_g = 95.4
CIE R_a = 71.4
R_9 = -38.3

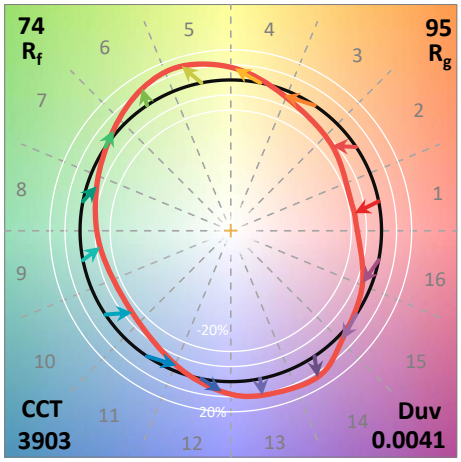
Spectral Power Distribution Comparison

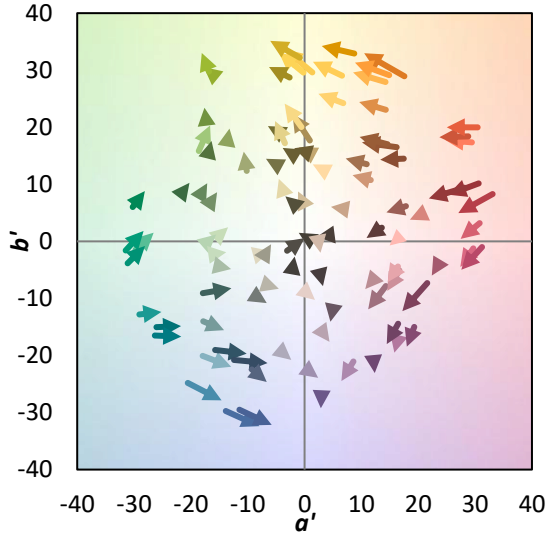


Color Vector Graphics









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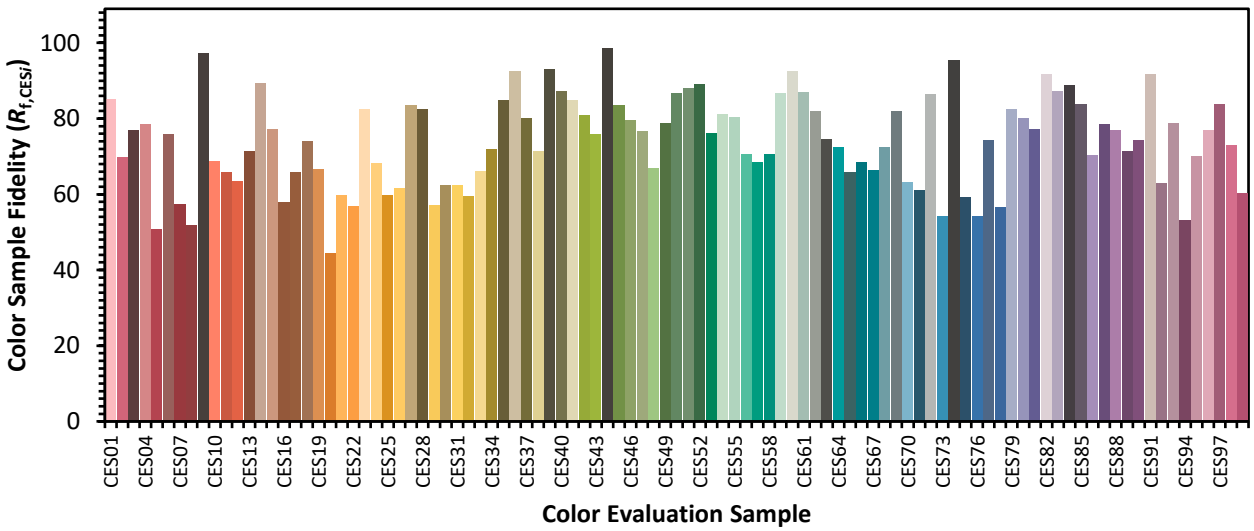
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 54
CES02 = 61	CES27 = 84	CES52 = 89	CES77 = 74
CES03 = 30	CES28 = 83	CES53 = 76	CES78 = 57
CES04 = 70	CES29 = 57	CES54 = 81	CES79 = 82
CES05 = 47	CES30 = 62	CES55 = 80	CES80 = 80
CES06 = 50	CES31 = 62	CES56 = 70	CES81 = 77
CES07 = 40	CES32 = 60	CES57 = 69	CES82 = 92
CES08 = 39	CES33 = 66	CES58 = 71	CES83 = 87
CES09 = 29	CES34 = 72	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 85	CES60 = 92	CES85 = 84
CES11 = 57	CES36 = 93	CES61 = 87	CES86 = 70
CES12 = 63	CES37 = 80	CES62 = 82	CES87 = 78
CES13 = 42	CES38 = 72	CES63 = 74	CES88 = 77
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 71
CES15 = 71	CES40 = 87	CES65 = 66	CES90 = 74
CES16 = 46	CES41 = 85	CES66 = 69	CES91 = 92
CES17 = 49	CES42 = 81	CES67 = 66	CES92 = 63
CES18 = 56	CES43 = 76	CES68 = 73	CES93 = 79
CES19 = 72	CES44 = 99	CES69 = 82	CES94 = 53
CES20 = 65	CES45 = 84	CES70 = 63	CES95 = 70
CES21 = 86	CES46 = 80	CES71 = 61	CES96 = 77
CES22 = 78	CES47 = 77	CES72 = 86	CES97 = 84
CES23 = 92	CES48 = 67	CES73 = 54	CES98 = 73
CES24 = 91	CES49 = 79	CES74 = 96	CES99 = 60
CES25 = 72	CES50 = 87	CES75 = 59	



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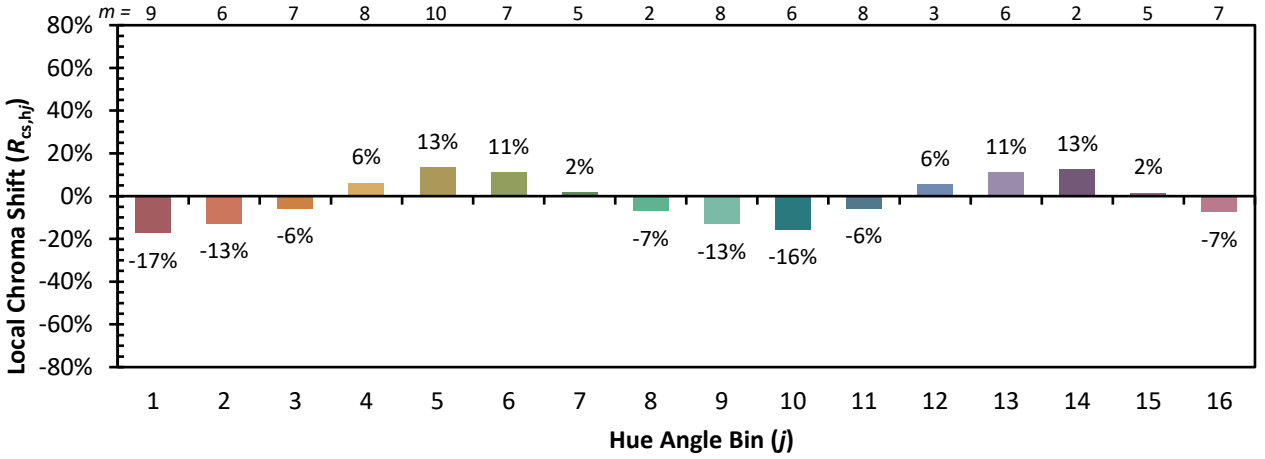
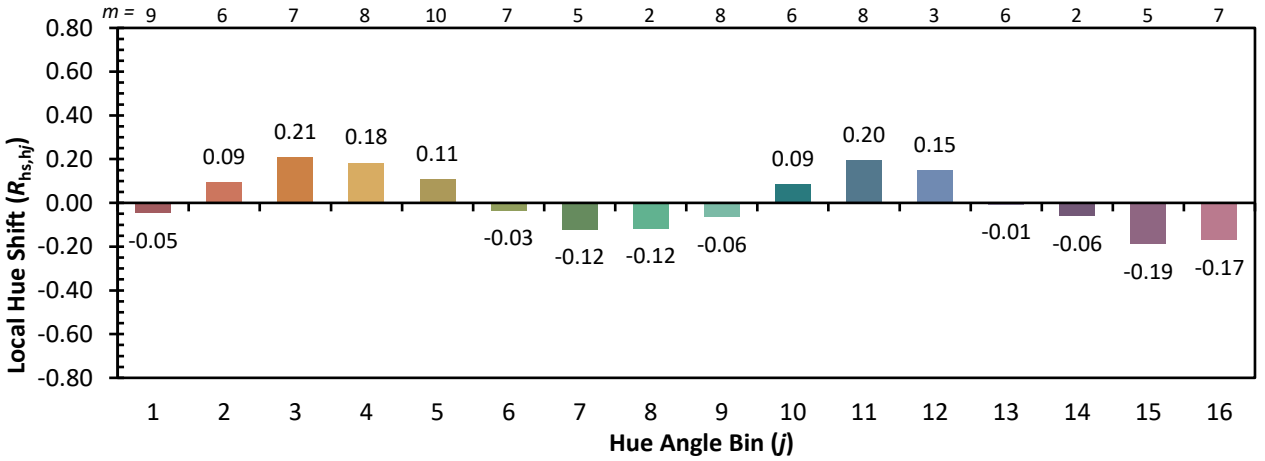
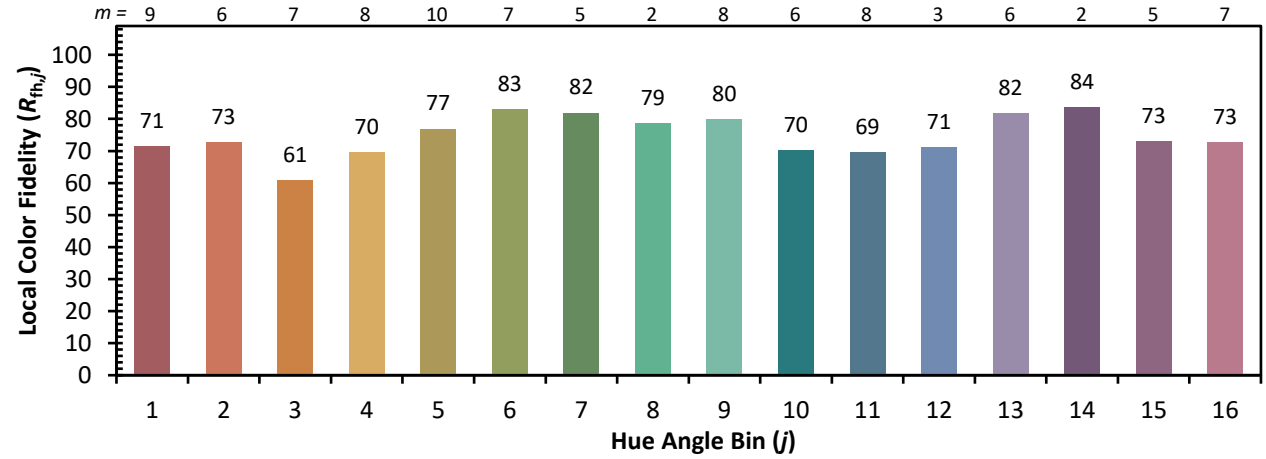
Color Rendition by Hue-Angle Bin







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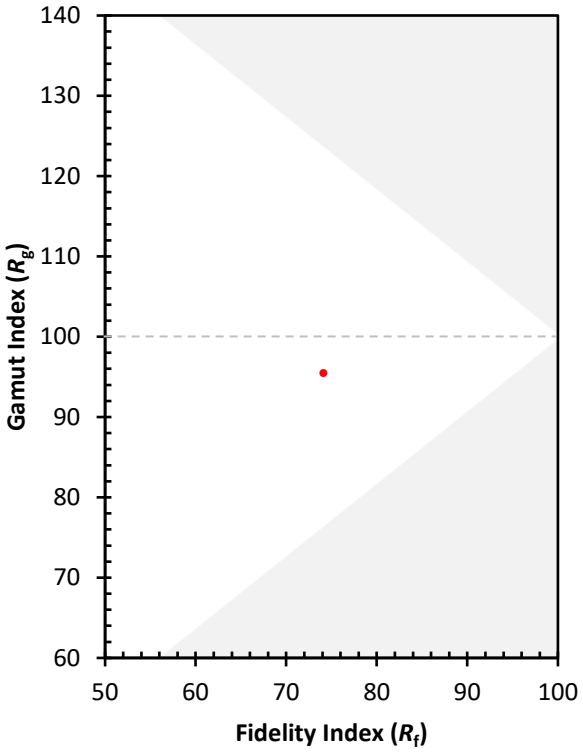
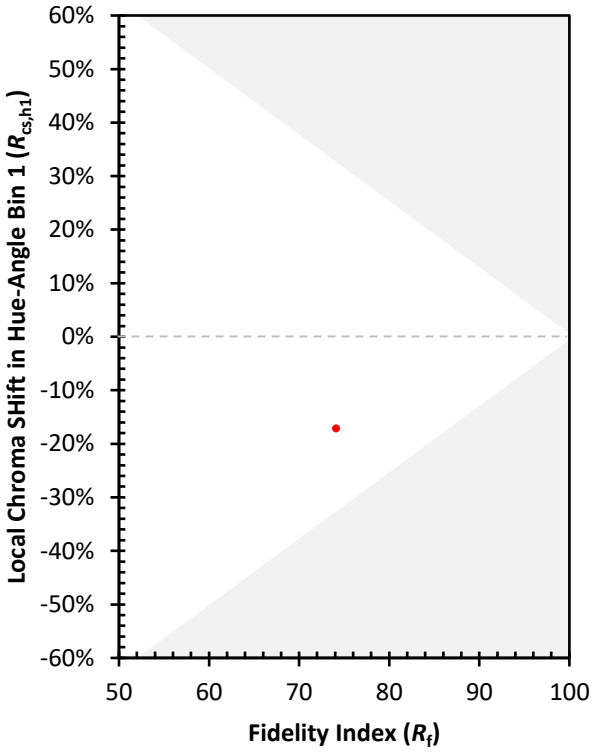
Measure Comparisons





(END OF REPORT)