

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: P1442112

Luminaire Tested: LXB-C2-840-X-U-S-GM

Issue Date: 4/23/2026

Test Information

Test Method: LM-79-2024
Report Number: P1442112
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-24)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 4/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: INVUE
Catalog Number: LXB-C2-840-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

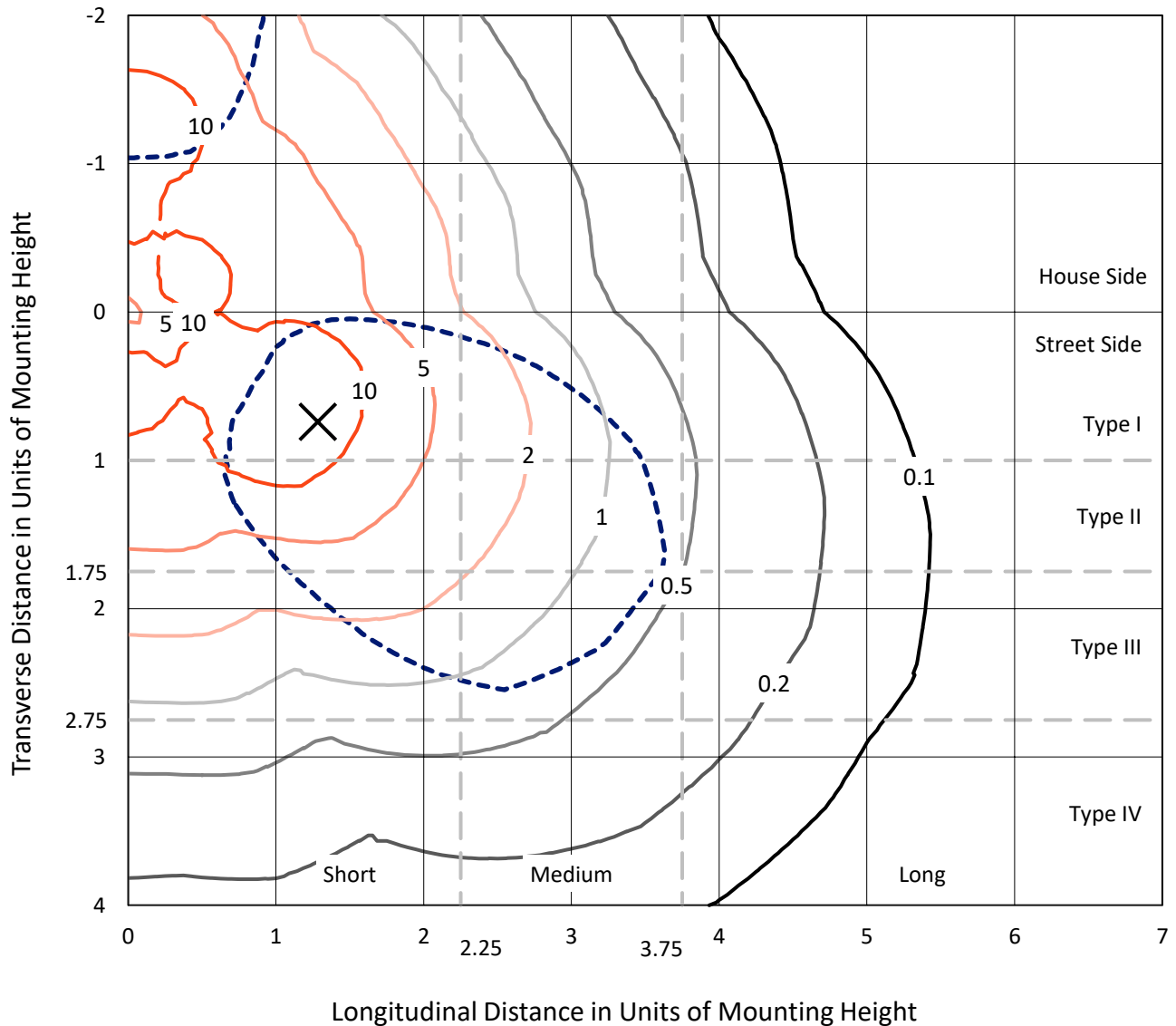
Lumens per Lamp: N/A
Luminaire Lumens: 1440 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Luminous Opening: Circular (Dia: 0.4' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9937
Total Harmonic Distortion (THDi): 0.088476
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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Iso-Footcandle Lines of Horizontal Illumination

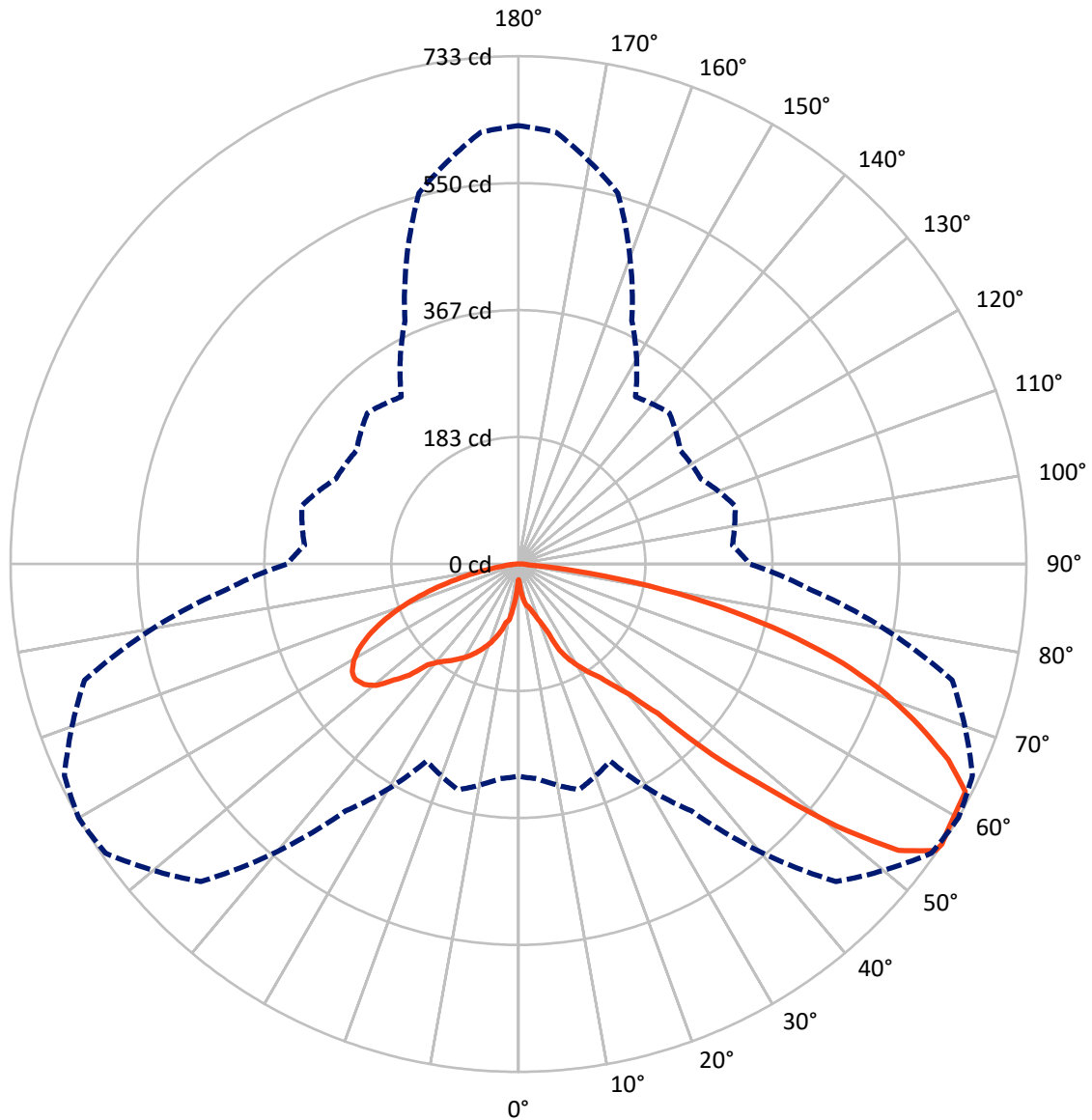
× Max cd
 - - - 1/2 Max cd



Based on 3 foot mounting height. Maximum calculated value = 17.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 56-Deg Vertical

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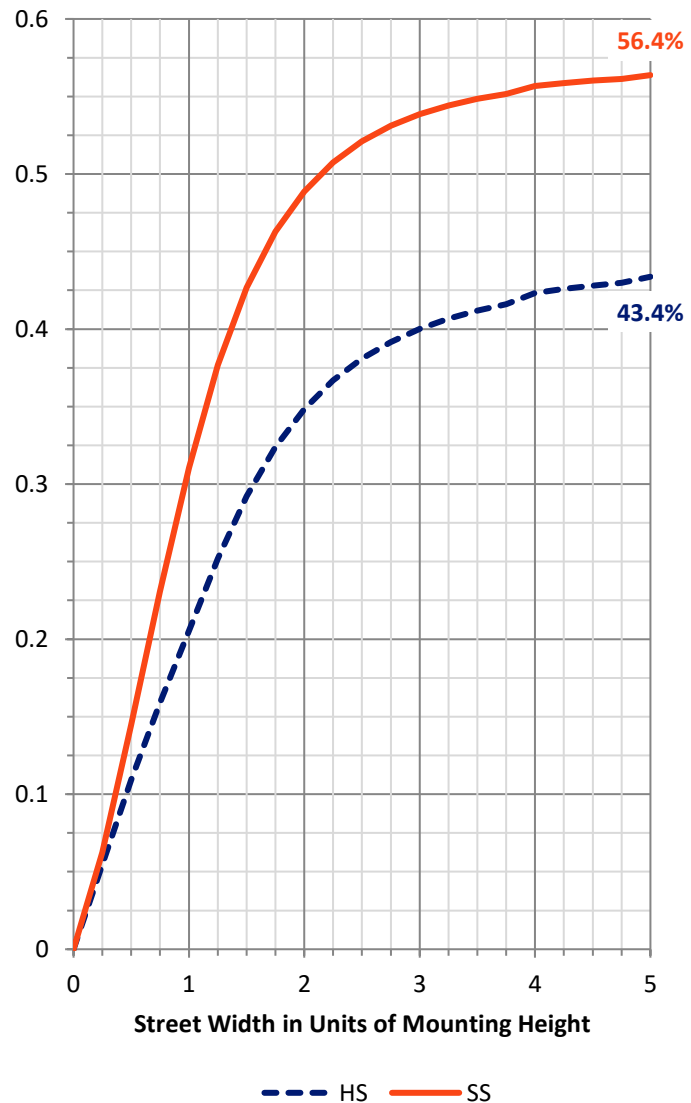
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	625.9	0.0	625.9
	% Fixture	43.5	0.0	43.5
Street Side	Lumens	814.1	0.0	814.1
	% Fixture	56.5	0.0	56.5
Total	Lumens	1440.0	0.0	1440.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.4
10°-20°	25.4	1.8
20°-30°	60.0	4.2
30°-40°	109.1	7.6
40°-50°	216.0	15.0
50°-60°	383.0	26.6
60°-70°	385.0	26.7
70°-80°	226.2	15.7
80°-90°	30.2	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°	1440.0	100.0
0°-180°	1440.0	100.0



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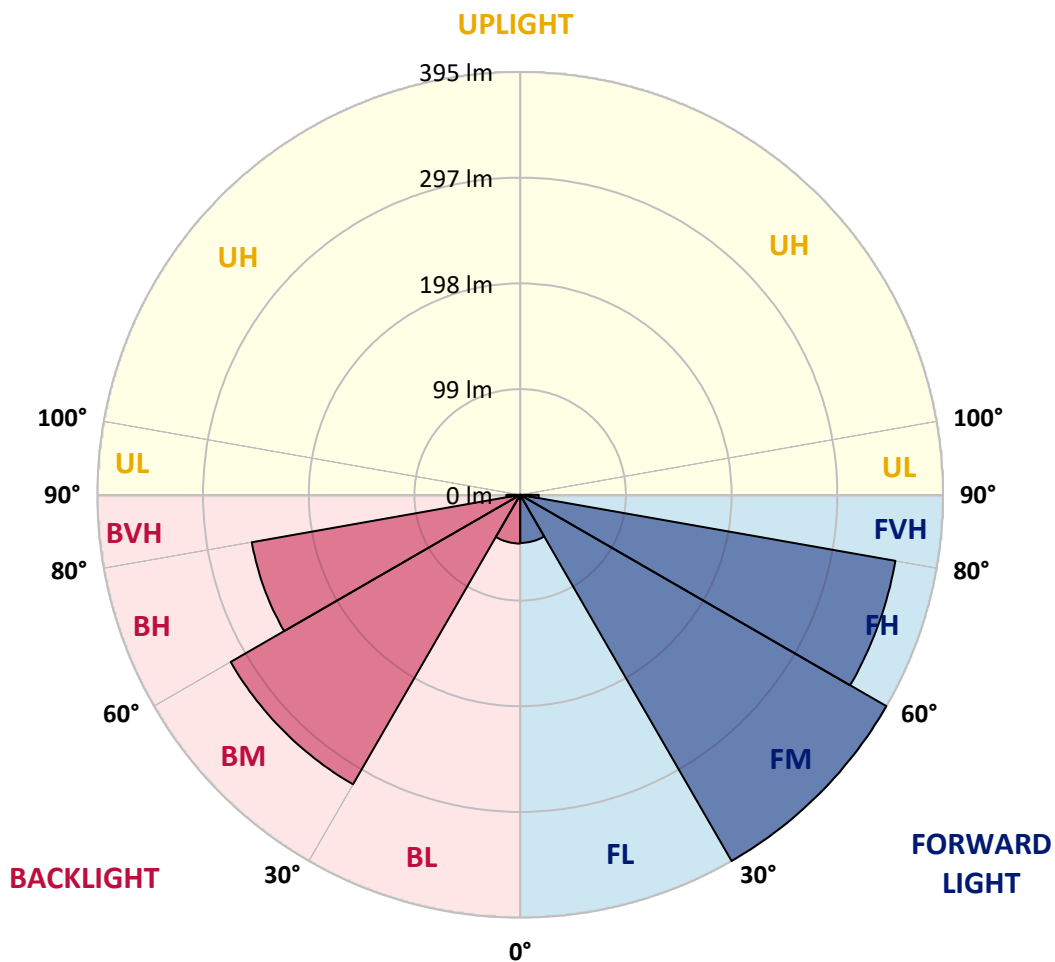
CATALOG NUMBER: LXB-C2-840-X-U-S-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	45.0	3.1			
FM	(30°-60°)	395.4	27.5			
FH	(60°-80°)	356.3	24.7			G0/660
FVH	(80°-90°)	17.3	1.2			G1/100
BL	(0°-30°)	45.5	3.2	B0/110		
BM	(30°-60°)	312.6	21.7	B1/1000		
BH	(60°-80°)	254.8	17.7	B1/500		G1/500
BVH	(80°-90°)	12.9	0.9			G1/100
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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2.5°	32.8	31.0	28.3	29.2	28.3	28.3	26.4	26.4	25.5	27.4	30.1
5°	52.9	52.9	44.7	39.2	40.1	41.0	39.2	40.1	39.2	40.1	42.0
7.5°	68.4	66.6	67.5	61.1	58.4	57.5	53.8	51.1	51.1	55.6	58.4
10°	78.4	78.4	80.3	80.3	70.2	62.9	61.1	60.2	59.3	62.0	66.6
12.5°	83.9	88.5	90.3	89.4	80.3	69.3	62.9	62.9	62.0	69.3	75.7
15°	103.1	98.5	101.2	97.6	90.3	77.5	70.2	69.3	70.2	75.7	84.8
17.5°	114.0	116.7	110.4	103.1	95.8	85.7	80.3	77.5	76.6	81.2	93.9
20°	124.9	126.8	122.2	112.2	103.1	92.1	89.4	88.5	88.5	91.2	97.6
22.5°	135.9	137.7	132.2	120.4	111.3	102.1	102.1	103.1	99.4	100.3	106.7
25°	145.0	146.8	140.4	128.6	122.2	119.5	130.4	137.7	128.6	116.7	119.5
27.5°	156.0	156.0	151.4	138.6	133.2	140.4	152.3	156.0	153.2	135.9	131.3
30°	163.2	163.2	160.5	148.7	143.2	155.0	168.7	170.5	167.8	156.0	140.4
32.5°	170.5	169.6	168.7	155.0	152.3	170.5	184.2	186.0	183.3	172.4	149.6
35°	178.8	176.9	176.0	162.3	160.5	187.0	197.9	199.7	198.8	186.0	158.7
37.5°	187.9	184.2	184.2	171.5	173.3	204.3	218.0	221.6	218.0	204.3	170.5
40°	197.9	193.3	193.3	180.6	187.0	228.9	242.6	248.1	241.7	228.0	184.2
42.5°	211.6	207.9	210.7	197.9	209.8	269.0	284.5	294.6	280.9	270.0	204.3
45°	244.4	241.7	252.6	238.0	259.9	355.7	384.0	392.2	377.6	353.9	254.4
47.5°	267.2	267.2	279.1	262.7	303.7	443.2	476.1	481.5	458.7	452.4	296.4
50°	291.8	293.7	312.8	295.5	368.4	540.8	591.0	594.6	582.8	548.1	359.3
52.5°	301.9	306.4	332.9	312.8	409.5	606.5	678.5	686.7	670.3	611.0	397.6
55°	306.4	311.9	340.2	315.6	431.4	642.0	722.3	730.5	716.8	642.0	417.7
56°	306.4	311.0	337.4	313.7	435.0	648.4	727.8	733.2	723.2	648.4	423.2
57.5°	302.8	308.3	332.0	308.3	437.8	652.1	726.9	729.6	725.0	653.0	428.6
60°	290.9	297.3	320.1	295.5	435.0	645.7	722.3	726.0	722.3	652.1	430.5
62.5°	272.7	279.1	302.8	279.1	425.0	632.0	717.7	724.1	718.7	635.7	420.4
65°	249.9	255.4	276.3	255.4	403.1	603.7	677.6	682.2	681.3	601.9	395.8
67.5°	220.7	226.2	247.2	226.2	373.9	560.9	622.0	624.7	626.5	554.5	366.6
70°	188.8	193.3	213.4	194.3	339.3	501.6	557.2	563.6	566.4	496.1	328.3
72.5°	152.3	155.0	176.0	160.5	292.8	430.5	481.5	489.7	493.4	425.0	280.9
75°	114.9	114.0	135.0	124.0	237.1	348.4	391.2	398.5	404.9	344.7	223.4
77.5°	77.5	75.7	93.0	87.6	174.2	263.6	298.2	298.2	309.2	256.3	164.2
80°	44.7	42.9	53.8	52.0	106.7	165.1	190.6	189.7	203.4	164.2	99.4
82.5°	21.9	19.2	24.6	23.7	42.9	64.8	81.2	81.2	94.8	63.8	38.3
85°	9.1	9.1	10.0	6.4	10.0	12.8	13.7	13.7	15.5	12.8	10.0
87.5°	6.4	6.4	7.3	3.6	7.3	9.1	10.0	10.0	10.9	9.1	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



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CATALOG NUMBER: LXB-C2-840-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2.5°	31.0	30.1	30.1	28.3	30.1	30.1	30.1	29.2	29.2	27.4	27.4
5°	43.8	44.7	46.5	50.2	46.5	44.7	42.9	42.0	43.8	38.3	39.2
7.5°	57.5	58.4	63.8	67.5	63.8	67.5	62.9	61.1	60.2	55.6	54.7
10°	69.3	71.1	75.7	78.4	85.7	78.4	77.5	70.2	66.6	63.8	62.9
12.5°	79.3	81.2	83.0	87.6	84.8	85.7	84.8	76.6	70.2	64.8	65.7
15°	88.5	90.3	96.7	102.1	97.6	94.8	94.8	88.5	79.3	71.1	70.2
17.5°	95.8	100.3	106.7	111.3	109.4	106.7	101.2	95.8	83.9	79.3	76.6
20°	102.1	107.6	120.4	121.3	120.4	115.8	110.4	101.2	91.2	86.6	85.7
22.5°	111.3	118.6	129.5	130.4	128.6	123.1	121.3	108.5	100.3	96.7	98.5
25°	121.3	126.8	136.8	137.7	138.6	130.4	129.5	119.5	113.1	118.6	122.2
27.5°	132.2	135.9	145.9	145.9	147.7	139.5	136.8	129.5	130.4	136.8	138.6
30°	141.4	144.1	154.1	155.0	154.1	147.7	144.1	137.7	141.4	149.6	150.5
32.5°	147.7	152.3	160.5	163.2	159.6	154.1	149.6	146.8	153.2	165.1	165.1
35°	154.1	159.6	166.9	171.5	166.0	163.2	156.0	155.0	166.9	178.8	179.7
37.5°	163.2	167.8	174.2	177.8	173.3	171.5	163.2	165.1	184.2	196.1	197.0
40°	172.4	175.1	183.3	186.0	181.5	180.6	169.6	177.8	204.3	219.8	220.7
42.5°	189.7	188.8	198.8	197.9	193.3	194.3	181.5	195.2	232.6	249.9	253.5
45°	228.9	227.1	239.9	227.1	222.5	229.8	215.2	239.9	301.9	329.2	334.7
47.5°	258.1	249.0	268.1	249.0	241.7	250.8	235.3	271.8	362.1	395.8	396.7
50°	299.1	285.5	300.0	273.6	266.3	283.6	270.9	333.8	457.8	494.3	497.0
52.5°	322.8	307.3	321.0	285.5	279.1	302.8	289.1	366.6	507.1	563.6	564.5
55°	333.8	311.9	325.6	290.9	285.5	311.0	295.5	384.9	545.4	618.3	623.8
56°	333.8	310.1	323.8	290.9	285.5	308.3	294.6	387.6	554.5	625.6	632.9
57.5°	330.1	303.7	318.3	289.1	282.7	303.7	290.0	391.2	560.0	627.5	633.8
60°	321.9	293.7	307.3	279.1	272.7	292.8	280.0	390.3	560.9	622.9	626.5
62.5°	309.2	278.2	291.8	263.6	258.1	277.2	264.5	383.0	552.7	619.2	627.5
65°	287.3	256.3	267.2	241.7	237.1	253.5	243.5	363.0	529.0	593.7	607.4
67.5°	259.0	227.1	237.1	215.2	212.5	225.3	218.0	332.9	492.5	549.0	556.3
70°	228.0	196.1	204.3	184.2	182.4	194.3	187.9	297.3	444.1	492.5	497.0
72.5°	192.4	163.2	168.7	150.5	149.6	157.8	156.0	256.3	387.6	428.6	435.9
75°	152.3	127.7	127.7	114.0	114.9	120.4	122.2	206.1	317.4	348.4	358.4
77.5°	109.4	90.3	90.3	78.4	79.3	83.9	86.6	151.4	238.0	259.0	268.1
80°	64.8	54.7	52.0	47.4	48.3	50.2	52.9	92.1	152.3	163.2	170.5
82.5°	27.4	26.4	24.6	23.7	25.5	24.6	25.5	38.3	66.6	70.2	76.6
85°	7.3	8.2	10.0	10.9	10.9	10.9	7.3	10.9	15.5	16.4	17.3
87.5°	3.6	4.6	7.3	7.3	7.3	7.3	3.6	7.3	10.9	11.9	11.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

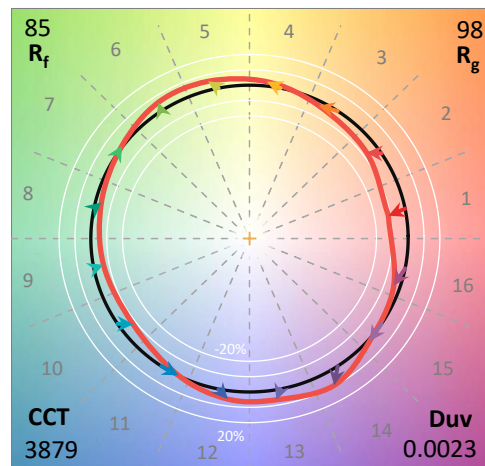
Test Information

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

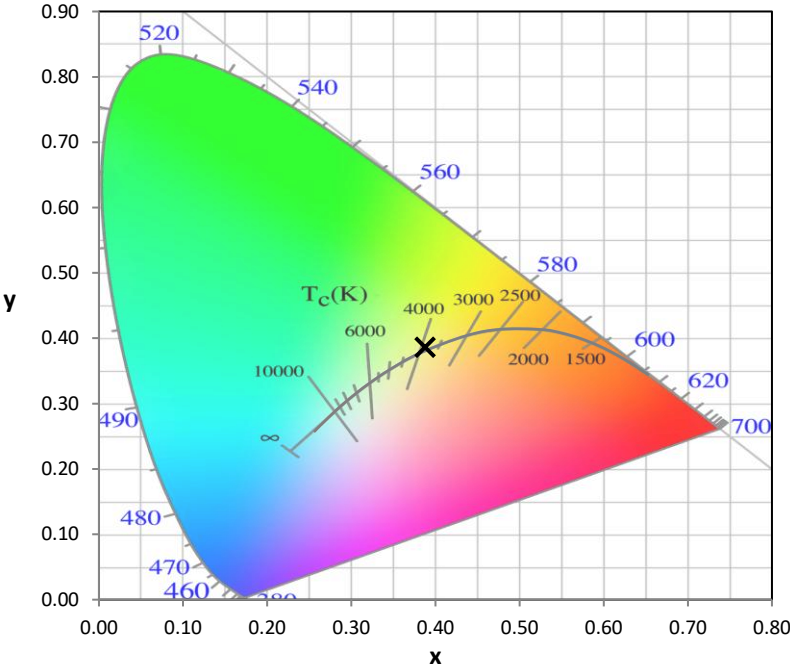
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.1

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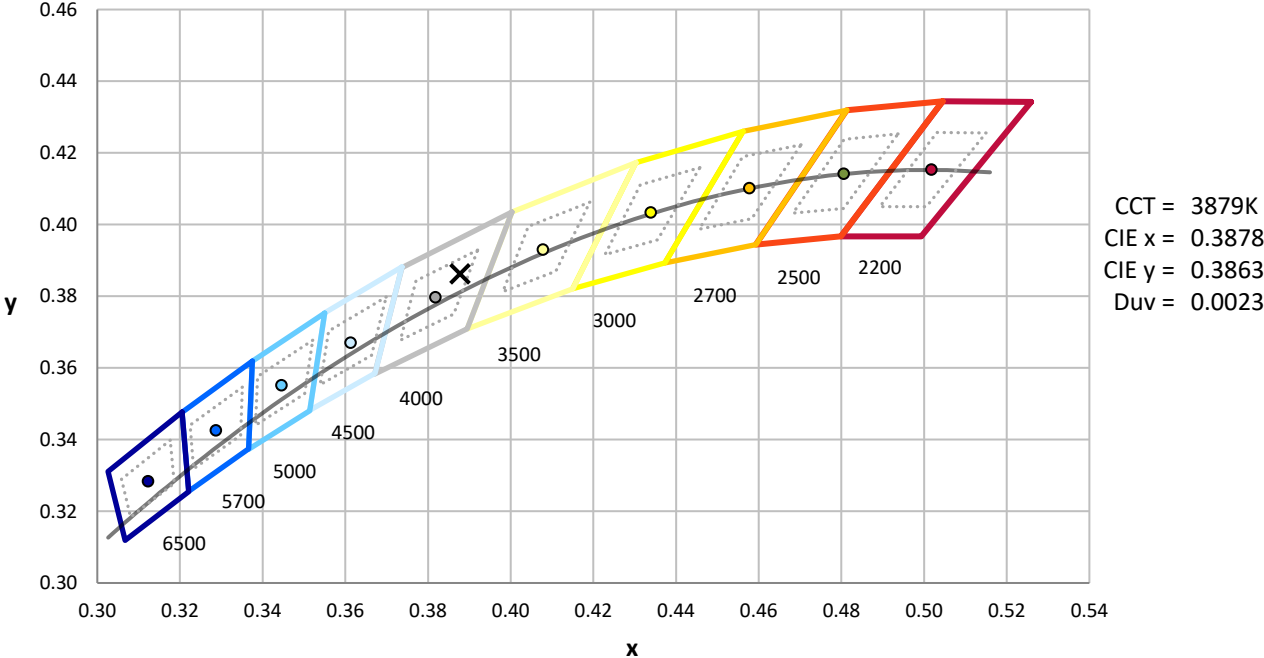
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

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CIE 1931 Chromaticity Diagram



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

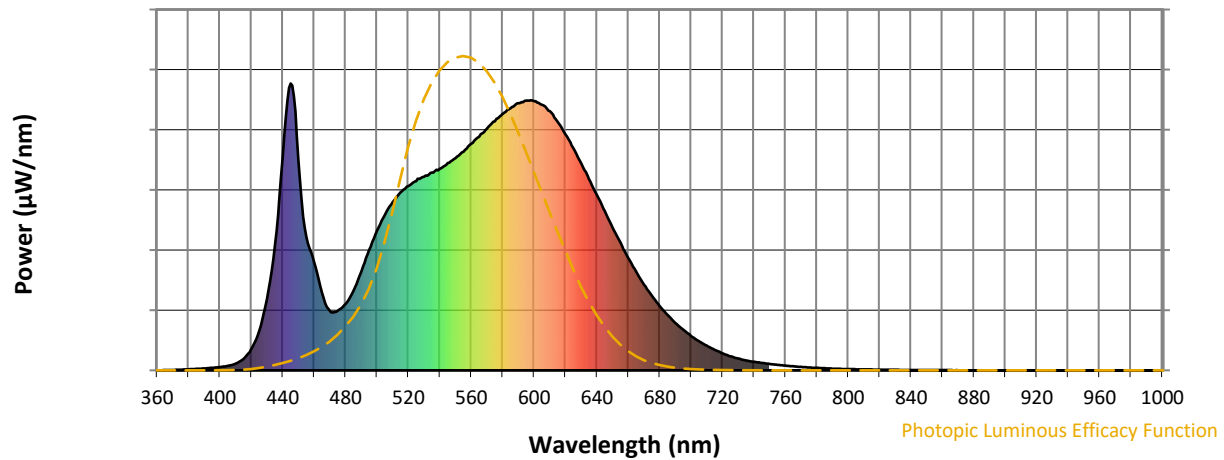


CCT = 3879K
 CIE x = 0.3878
 CIE y = 0.3863
 Duv = 0.0023

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

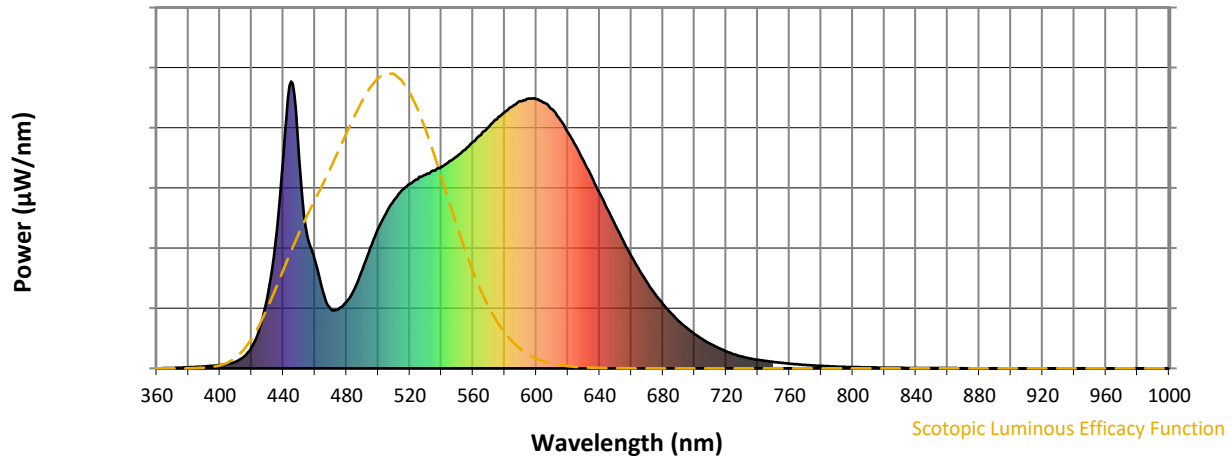


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2509-539-8

Scotopic Flux vs. Wavelength



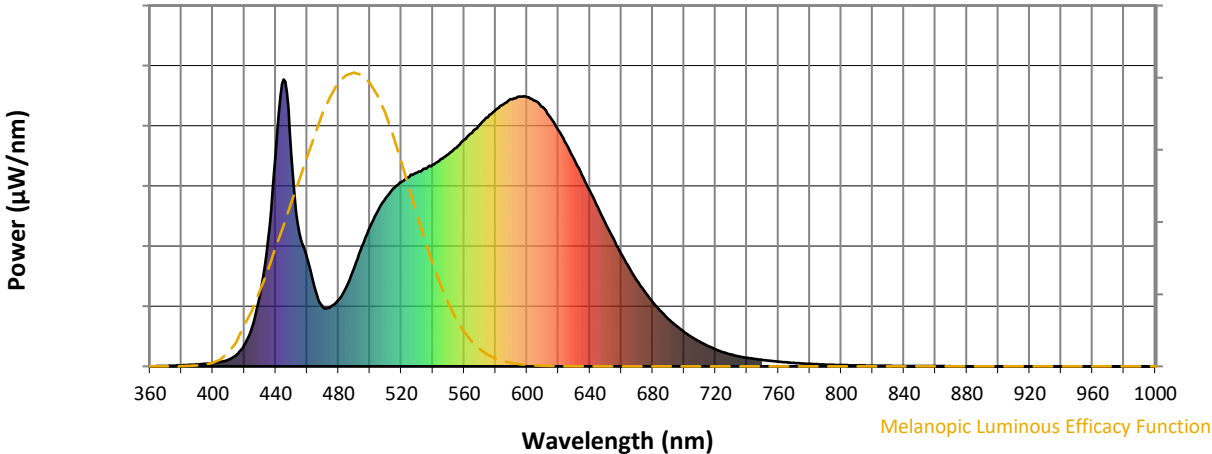
Scotopic Lumens: NR

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

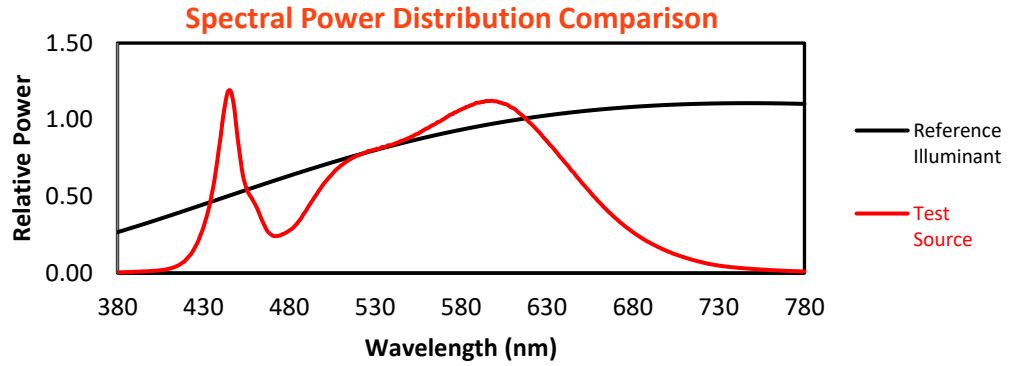


Melanopic Lumens: NR M/P: 3.25

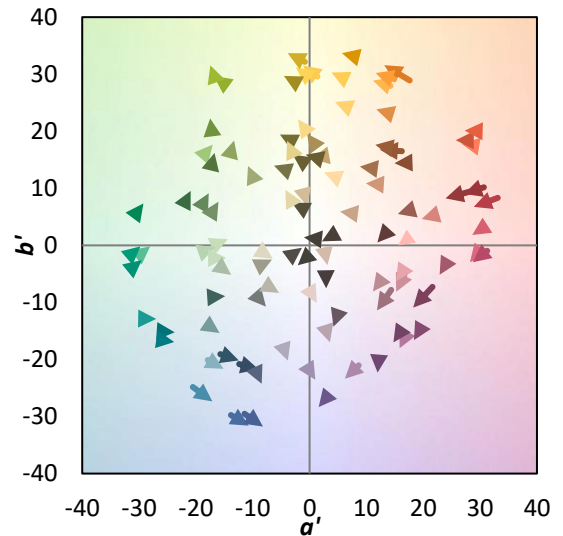
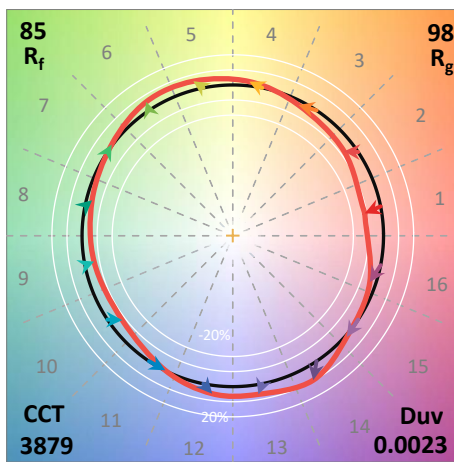
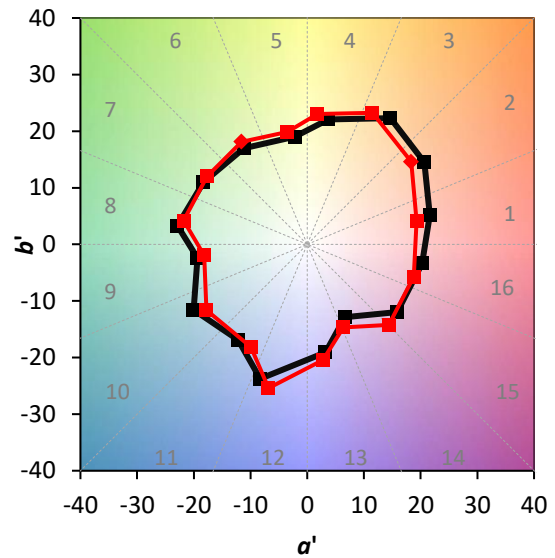
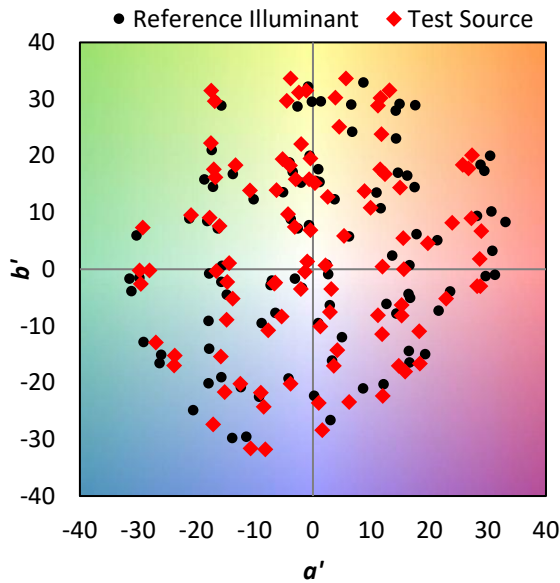
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	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			

Summary

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

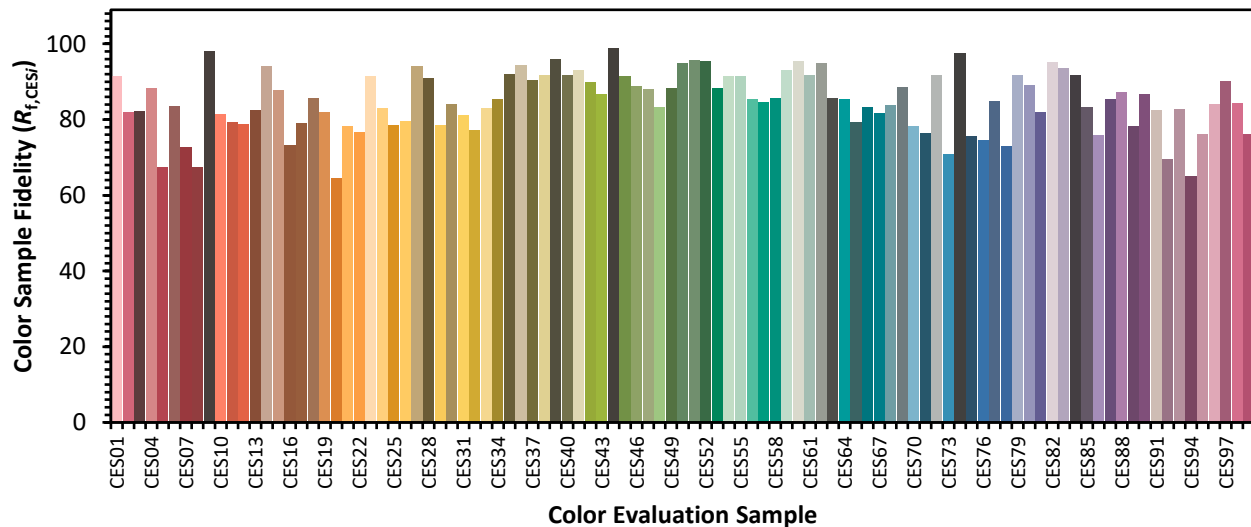


Color Vector Graphics

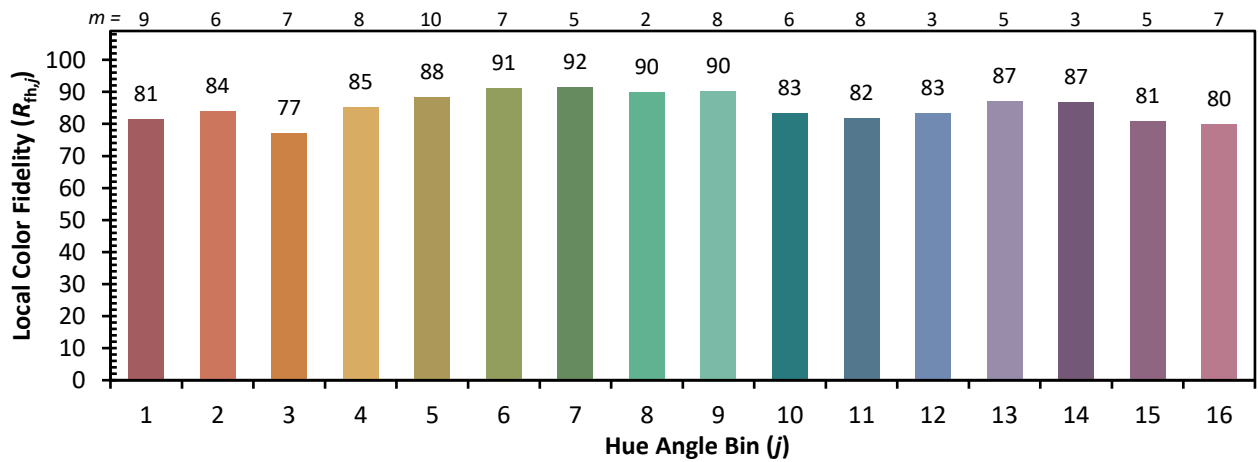
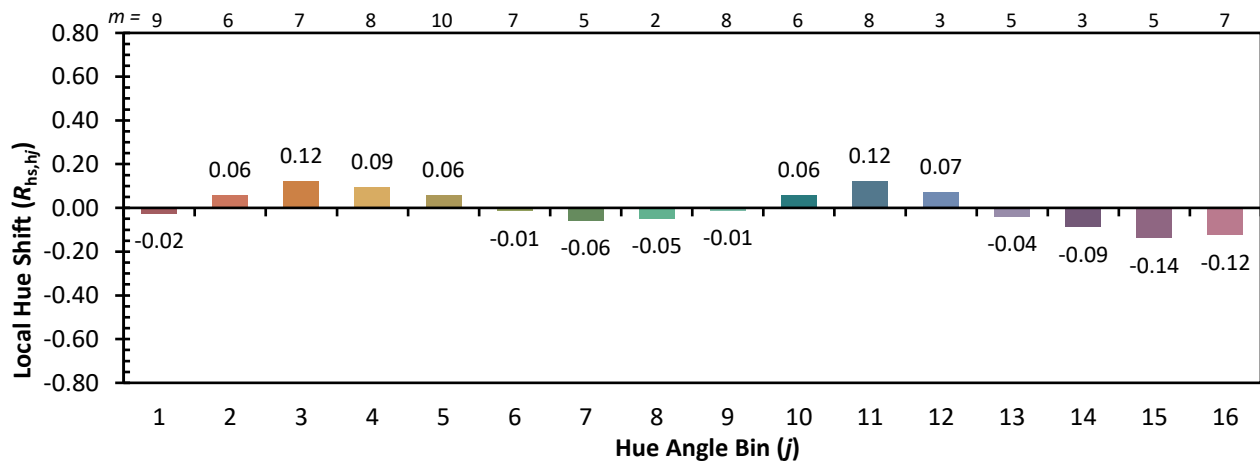
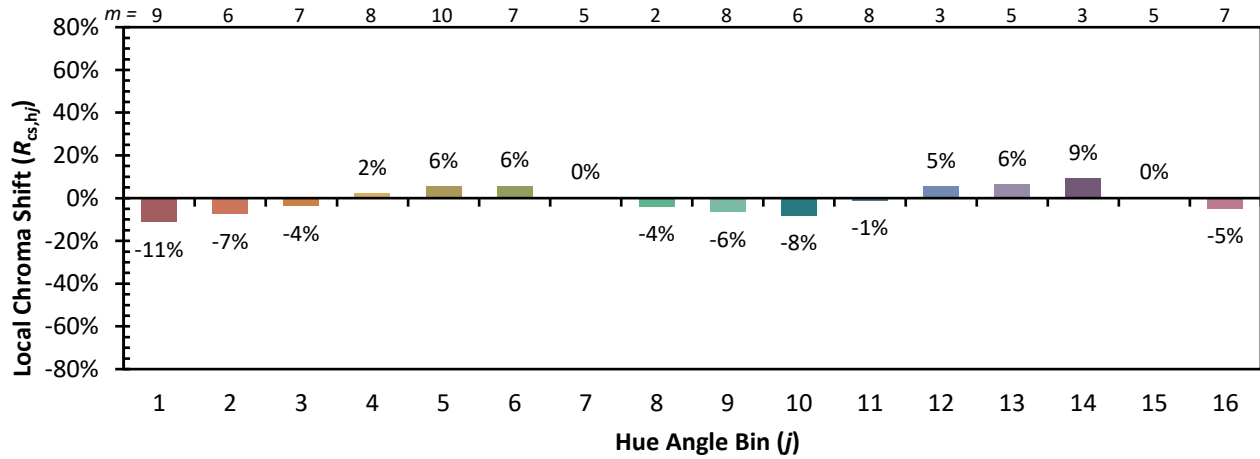


Individual Sample Fidelity Index ($R_{f,i}$)

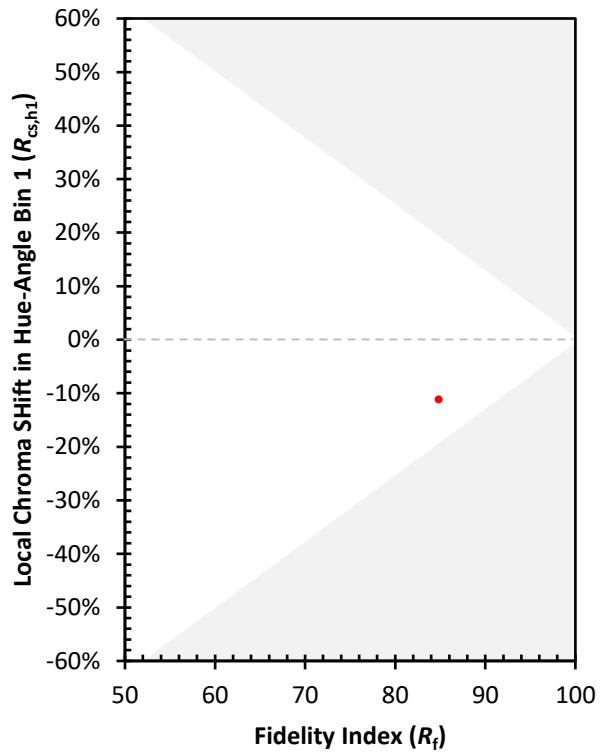
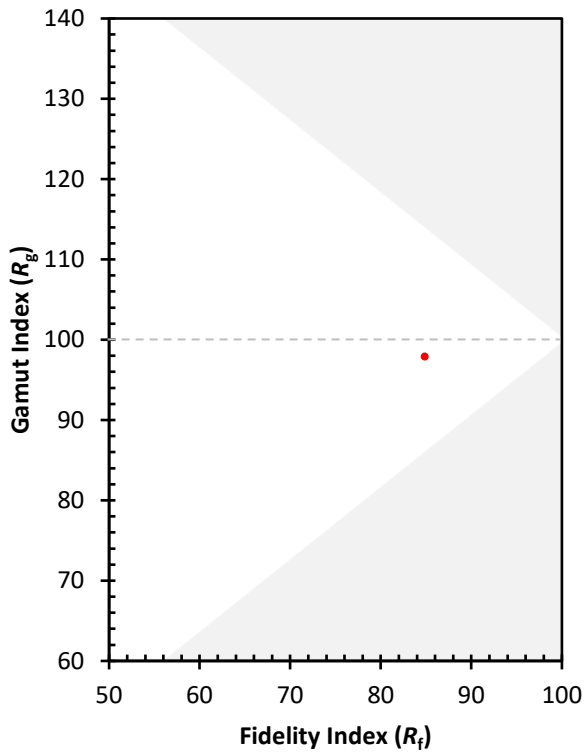
CES01 = 86	CES26 = 80	CES51 = 96	CES76 = 74
CES02 = 61	CES27 = 94	CES52 = 95	CES77 = 85
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 73
CES04 = 69	CES29 = 79	CES54 = 91	CES79 = 92
CES05 = 48	CES30 = 84	CES55 = 91	CES80 = 89
CES06 = 50	CES31 = 81	CES56 = 85	CES81 = 82
CES07 = 41	CES32 = 77	CES57 = 85	CES82 = 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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)