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: P1442124

Luminaire Tested: LXB-C3-840-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:	P1442124
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-23)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C3-840-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:	1723 lumens
Efficiency:	N/A
Efficacy:	50.5 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	34.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9933
Total Harmonic Distortion (THDi):	0.0961783
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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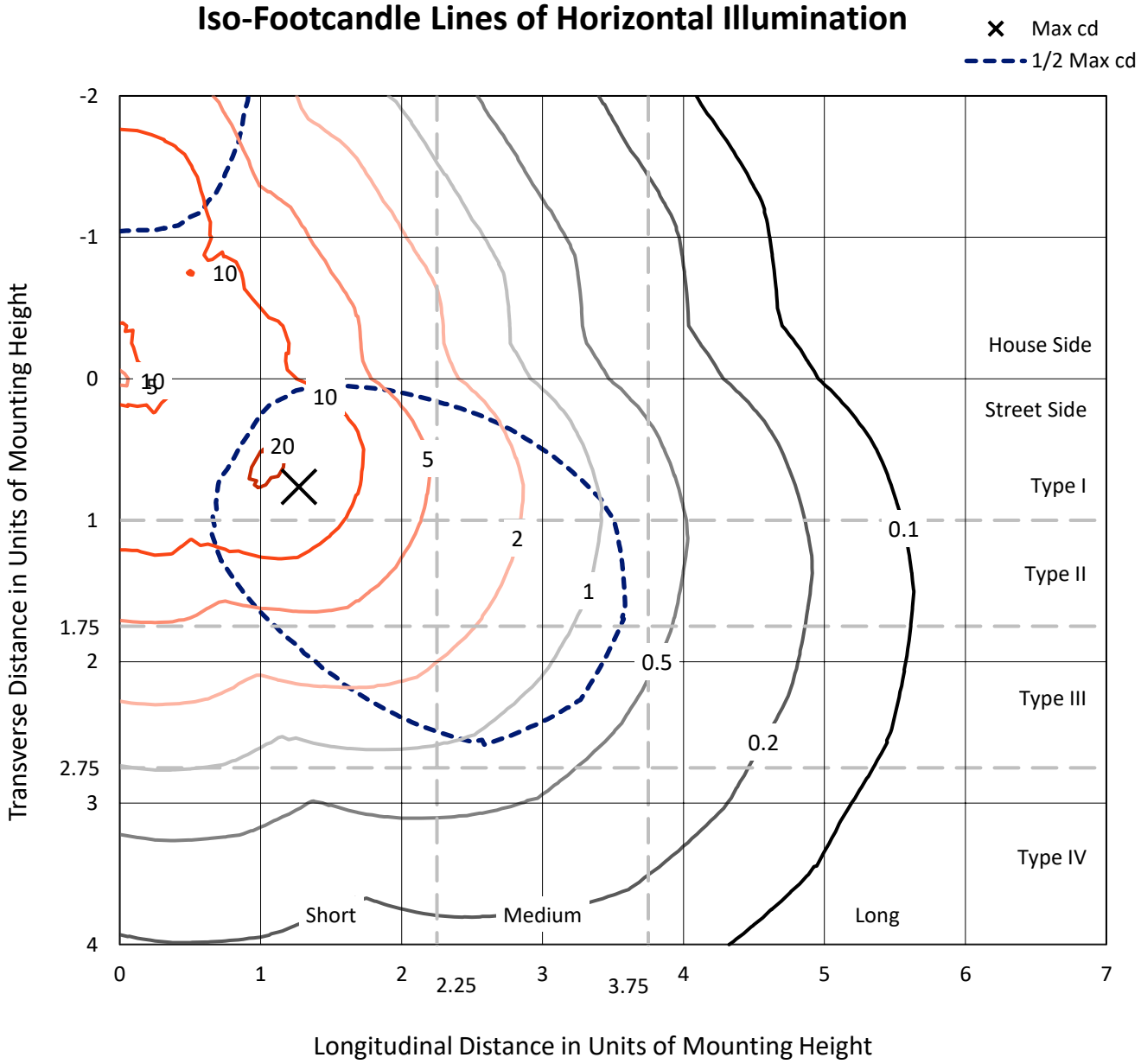
REPORT NUMBER: P1442124
CATALOG NUMBER: LXB-C3-840-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 20.8 fc
Type III - Short - N/A

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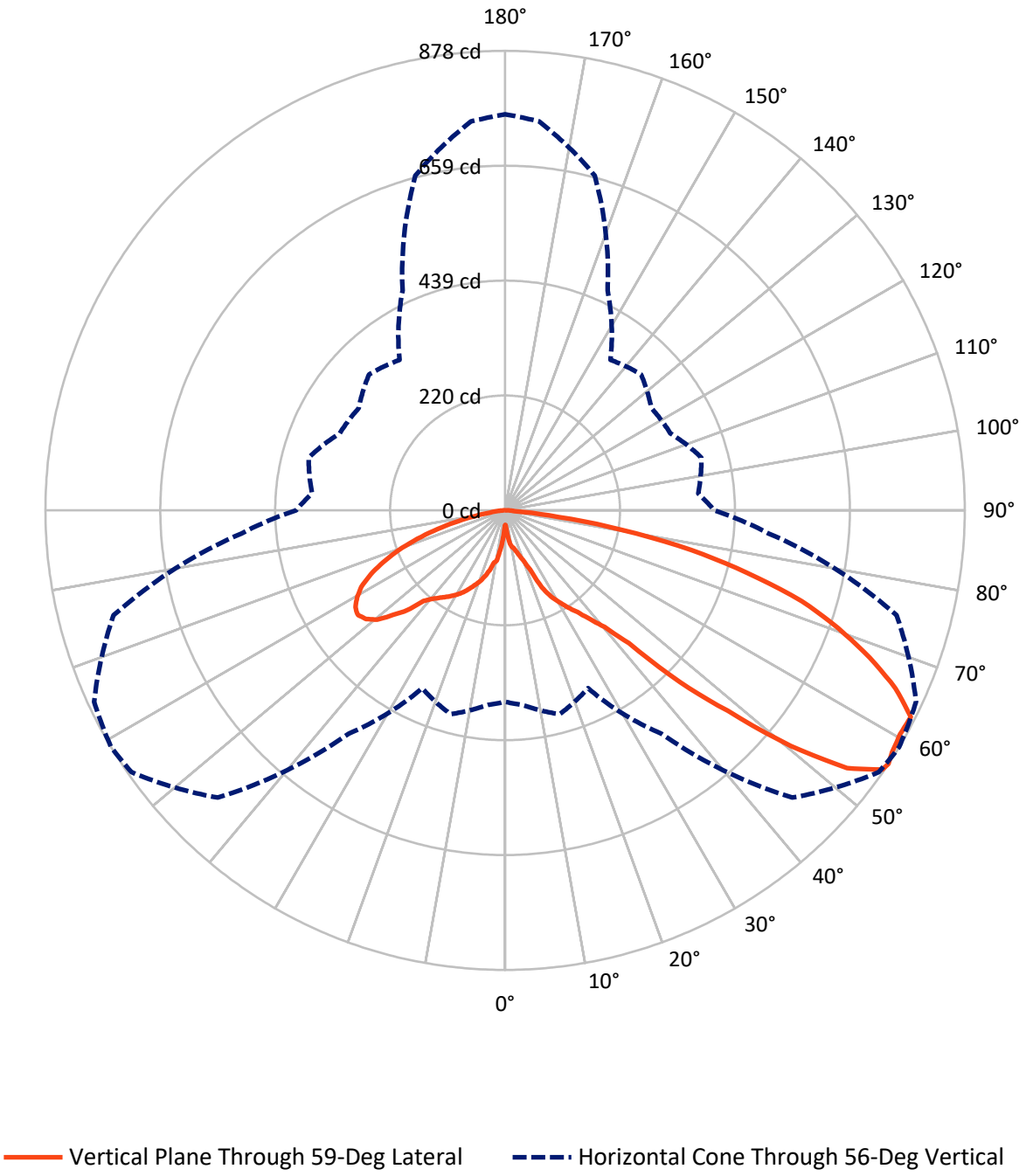
Luminous Intensity Polar Plot



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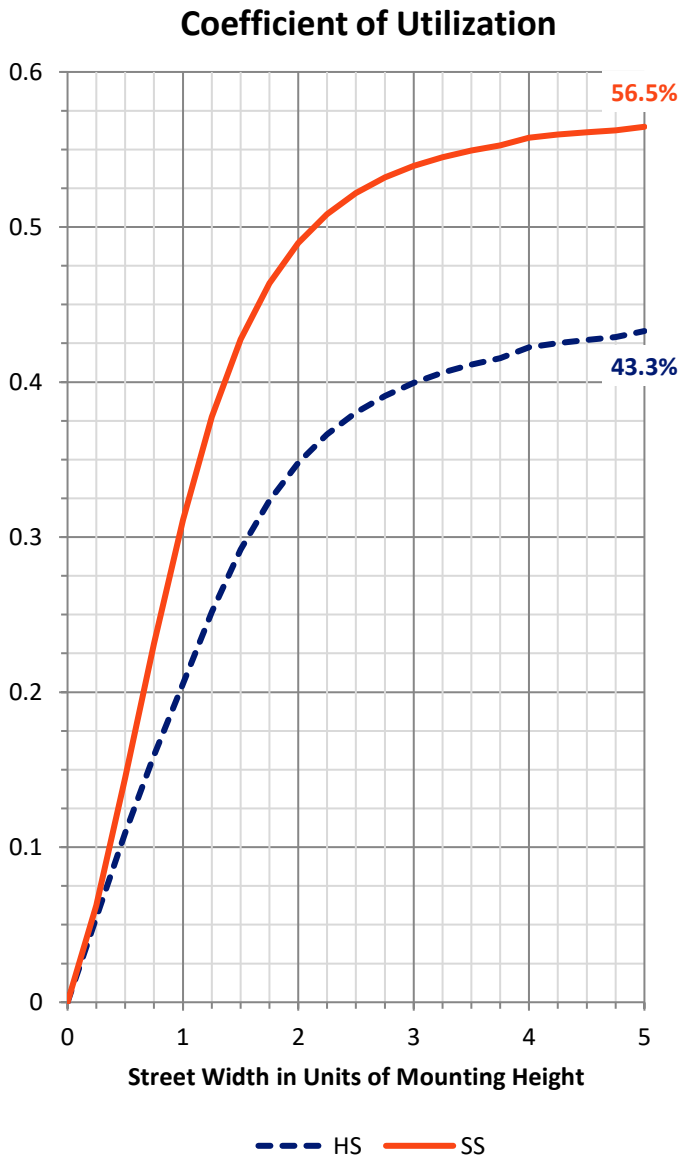
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	747.5	0.0	747.5
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	975.5	0.0	975.5
	% Fixture	56.6	0.0	56.6
Total	Lumens	1723.0	0.0	1723.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.4
10°-20°	30.4	1.8
20°-30°	71.7	4.2
30°-40°	130.4	7.6
40°-50°	257.9	15.0
50°-60°	457.7	26.6
60°-70°	461.0	26.8
70°-80°	271.4	15.8
80°-90°	36.4	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°	1723.0	100.0
0°-180°	1723.0	100.0



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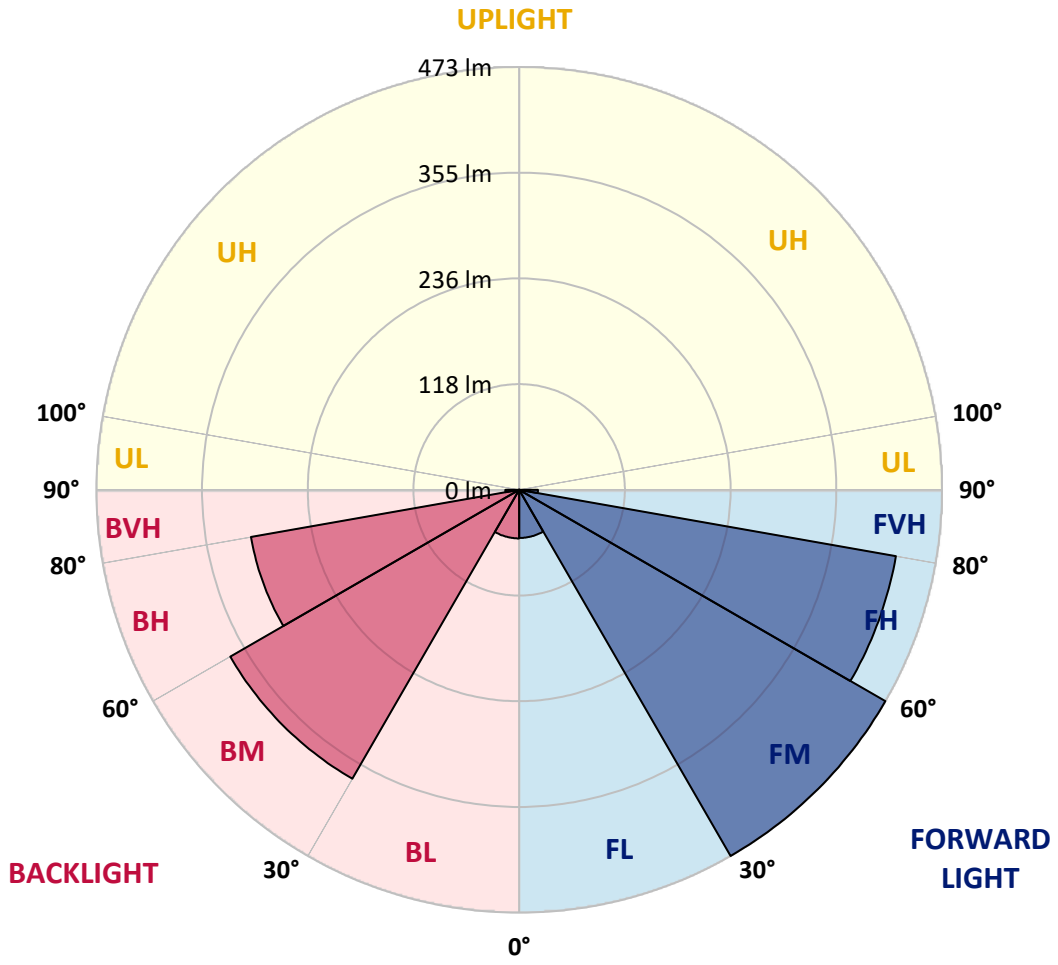
REPORT NUMBER: P1442124
CATALOG NUMBER: LXB-C3-840-X-U-S-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	53.8	3.1			
FM	(30°-60°)	472.9	27.4			
FH	(60°-80°)	427.8	24.8			G0/660
FVH	(80°-90°)	20.9	1.2			G1/100
BL	(0°-30°)	54.4	3.2	B0/110		
BM	(30°-60°)	373.1	21.7	B1/1000		
BH	(60°-80°)	304.6	17.7	B1/500		G1/500
BVH	(80°-90°)	15.4	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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REPORT NUMBER: P1442124
CATALOG NUMBER: LXB-C3-840-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	*27.4*	27.4	27.4	27.4
2.5°	39.2	37.4	34.7	34.7	33.7	33.7	31.0	*31.0*	31.9	34.7	35.6
5°	62.9	62.9	52.9	46.5	48.3	47.4	47.4	*45.6*	47.4	49.2	49.2
7.5°	82.1	78.4	80.3	74.8	73.0	68.4	63.8	*62.9*	62.0	67.5	68.4
10°	93.0	93.0	96.7	95.8	84.8	74.8	73.0	*71.1*	72.0	74.8	80.3
12.5°	100.3	105.8	108.5	107.6	96.7	83.0	76.6	*73.9*	74.8	83.0	90.3
15°	124.0	116.7	121.3	116.7	107.6	93.0	83.9	*82.1*	84.8	90.3	101.2
17.5°	136.8	139.5	133.2	122.2	114.9	102.1	96.7	*92.1*	93.0	97.6	112.2
20°	149.6	152.3	146.8	133.2	124.0	111.3	106.7	*104.9*	105.8	108.5	116.7
22.5°	162.3	164.2	158.7	143.2	133.2	121.3	121.3	*123.1*	122.2	120.4	126.8
25°	174.2	176.0	168.7	154.1	146.8	142.3	156.0	*163.2*	159.6	140.4	141.4
27.5°	187.0	186.0	182.4	165.1	159.6	166.9	183.3	*186.0*	186.0	161.4	156.9
30°	196.1	195.2	192.4	176.9	172.4	185.1	202.5	*203.4*	202.5	184.2	166.9
32.5°	204.3	203.4	202.5	186.0	182.4	203.4	220.7	*221.6*	221.6	203.4	178.8
35°	214.3	211.6	211.6	194.3	193.3	223.4	238.0	*238.9*	239.9	219.8	188.8
37.5°	225.3	219.8	221.6	205.2	207.9	245.3	261.7	*263.6*	262.7	242.6	203.4
40°	237.1	230.7	231.6	215.2	223.4	273.6	290.9	*292.8*	290.9	270.0	218.9
42.5°	254.4	248.1	255.4	237.1	252.6	326.5	343.8	*346.6*	342.0	318.3	242.6
45°	292.8	288.2	304.6	284.5	311.0	429.6	463.3	*467.9*	458.7	413.1	301.0
47.5°	320.1	315.6	339.3	315.6	365.7	541.7	569.1	*572.7*	564.5	518.0	348.4
50°	349.3	350.2	377.6	352.9	442.3	647.5	702.2	*707.7*	705.9	643.9	426.8
52.5°	361.2	364.8	399.5	373.9	491.6	727.8	808.0	*818.1*	809.9	723.2	474.2
55°	366.6	373.0	405.8	376.7	516.2	767.9	863.7	*874.6*	860.9	766.1	498.9
56°	*365.7*	*373.0*	*403.1*	*374.8*	*520.8*	*776.1*	*871.9*	*878.3*	*866.4*	*774.3*	*505.2*
57.5°	361.2	369.4	395.8	367.5	523.5	780.7	871.0	*871.9*	868.2	781.6	512.5
60°	345.6	357.5	381.2	352.0	520.8	775.2	864.6	*867.3*	866.4	782.5	515.3
62.5°	323.8	335.6	361.2	332.9	506.2	759.7	860.9	*870.0*	858.2	766.1	506.2
65°	294.6	308.3	328.3	302.8	477.0	724.1	814.4	*819.9*	809.9	726.9	477.0
67.5°	260.8	274.5	291.8	269.0	443.2	677.6	749.7	*751.5*	746.0	668.5	443.2
70°	220.7	234.4	251.7	231.6	399.5	609.2	673.1	*675.8*	673.1	599.2	398.5
72.5°	176.9	190.6	206.1	190.6	342.0	524.4	586.4	*592.8*	582.8	515.3	342.0
75°	131.3	144.1	156.0	146.8	277.2	426.8	479.7	*477.9*	476.1	420.4	277.2
77.5°	91.2	97.6	108.5	103.1	202.5	320.1	363.9	*363.9*	360.2	315.6	207.0
80°	52.9	56.5	62.9	61.1	117.6	202.5	235.3	*228.0*	234.4	199.7	130.4
82.5°	25.5	27.4	28.3	27.4	41.0	82.1	103.1	*102.1*	104.0	78.4	56.5
85°	10.9	11.9	11.9	7.3	10.9	15.5	17.3	*17.3*	17.3	15.5	13.7
87.5°	8.2	8.2	8.2	4.6	7.3	10.9	12.8	*11.9*	12.8	10.9	8.2
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: P1442124
CATALOG NUMBER: LXB-C3-840-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	36.5	35.6	36.5	33.7	35.6	35.6	37.4	35.6	34.7	32.8	32.8
5°	52.0	52.9	55.6	59.3	54.7	53.8	52.9	50.2	52.0	46.5	46.5
7.5°	67.5	69.3	75.7	77.5	75.7	83.0	76.6	73.0	73.0	68.4	68.4
10°	82.1	85.7	91.2	93.0	101.2	93.9	92.1	83.9	81.2	76.6	76.6
12.5°	94.8	96.7	98.5	104.0	101.2	104.9	101.2	91.2	83.0	77.5	77.5
15°	105.8	107.6	114.9	121.3	116.7	115.8	114.0	105.8	95.8	84.8	83.0
17.5°	114.9	120.4	126.8	133.2	130.4	128.6	121.3	114.9	99.4	93.9	92.1
20°	122.2	128.6	143.2	145.0	143.2	139.5	132.2	120.4	108.5	103.1	102.1
22.5°	133.2	140.4	154.1	156.0	152.3	147.7	145.9	129.5	118.6	114.0	116.7
25°	145.0	151.4	162.3	164.2	165.1	156.9	156.0	142.3	135.0	140.4	145.0
27.5°	156.9	163.2	173.3	174.2	176.0	167.8	164.2	154.1	155.0	162.3	165.1
30°	168.7	172.4	183.3	185.1	184.2	176.9	172.4	164.2	168.7	177.8	179.7
32.5°	176.9	182.4	191.5	195.2	190.6	185.1	179.7	174.2	182.4	196.1	197.0
35°	184.2	190.6	198.8	204.3	198.8	196.1	187.0	185.1	198.8	212.5	213.4
37.5°	195.2	200.6	207.9	212.5	207.0	206.1	195.2	196.1	219.8	232.6	234.4
40°	205.2	209.8	218.9	222.5	217.1	217.1	203.4	211.6	243.5	259.9	262.7
42.5°	222.5	226.2	236.2	236.2	230.7	234.4	218.9	232.6	277.2	295.5	301.0
45°	270.0	271.8	283.6	270.0	267.2	276.3	259.0	284.5	360.2	386.7	395.8
47.5°	301.0	298.2	314.6	296.4	290.9	301.9	282.7	321.9	431.4	466.0	478.8
50°	353.9	342.0	355.7	326.5	318.3	340.2	324.7	395.8	546.3	585.5	598.3
52.5°	384.0	367.5	381.2	342.0	333.8	363.0	345.6	435.9	606.5	663.9	679.4
55°	398.5	373.0	390.3	348.4	342.0	371.2	352.0	458.7	652.1	735.1	748.8
56°	*399.5*	*370.3*	*388.5*	*348.4*	*341.1*	*367.5*	*351.1*	*463.3*	*662.1*	*746.0*	*757.0*
57.5°	396.7	363.9	382.1	345.6	337.4	362.1	345.6	467.9	669.4	749.7	756.0
60°	387.6	351.1	369.4	333.8	324.7	348.4	333.8	466.9	670.3	744.2	748.8
62.5°	373.9	332.9	352.9	315.6	308.3	331.1	313.7	458.7	661.2	741.5	749.7
65°	347.5	307.3	324.7	288.2	281.8	302.8	287.3	434.1	631.1	712.3	720.5
67.5°	315.6	272.7	289.1	257.2	250.8	269.0	256.3	399.5	590.1	655.7	653.0
70°	280.0	235.3	250.8	220.7	215.2	231.6	219.8	358.4	531.7	589.2	580.9
72.5°	238.0	194.3	207.9	179.7	174.2	188.8	181.5	311.0	464.2	513.5	506.2
75°	190.6	150.5	159.6	135.9	132.2	143.2	141.4	248.1	379.4	415.9	420.4
77.5°	139.5	106.7	111.3	93.0	91.2	100.3	101.2	179.7	284.5	309.2	311.9
80°	85.7	64.8	68.4	55.6	54.7	59.3	61.1	109.4	182.4	196.1	197.0
82.5°	38.3	31.0	32.8	28.3	28.3	27.4	28.3	45.6	81.2	84.8	83.9
85°	10.0	9.1	13.7	11.9	12.8	12.8	8.2	13.7	19.2	20.1	20.1
87.5°	5.5	5.5	9.1	8.2	9.1	9.1	4.6	9.1	13.7	14.6	14.6
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
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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

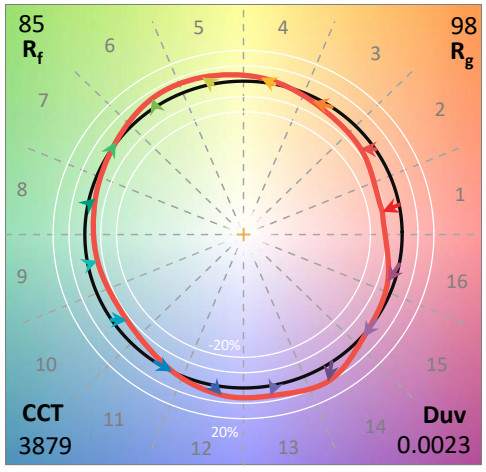
Test Information

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



Test Conditions

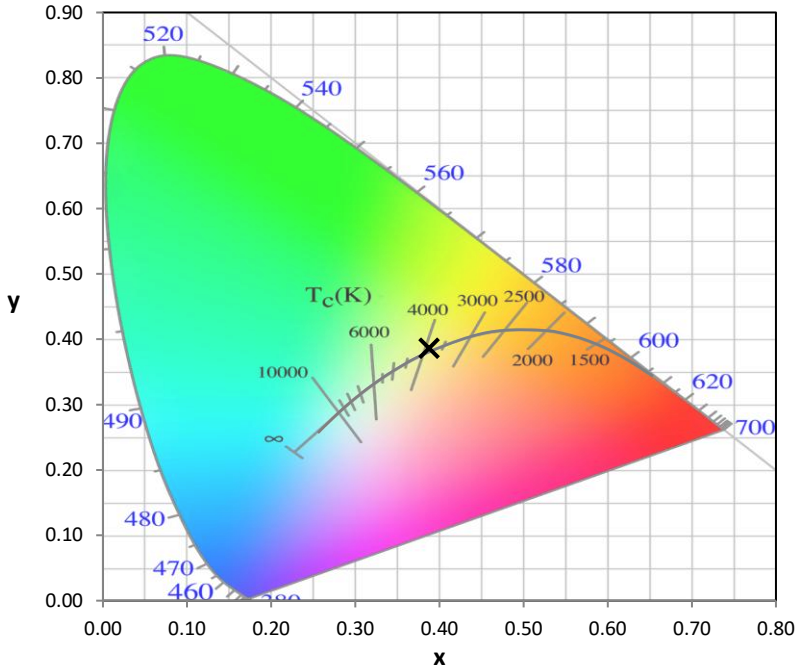
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-8

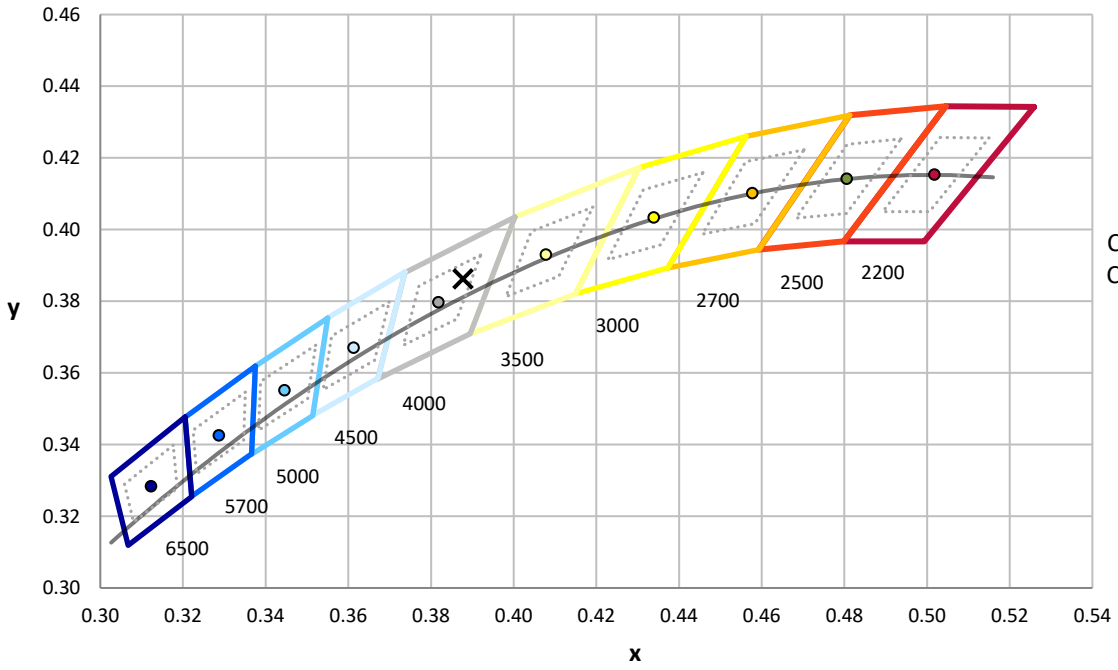
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

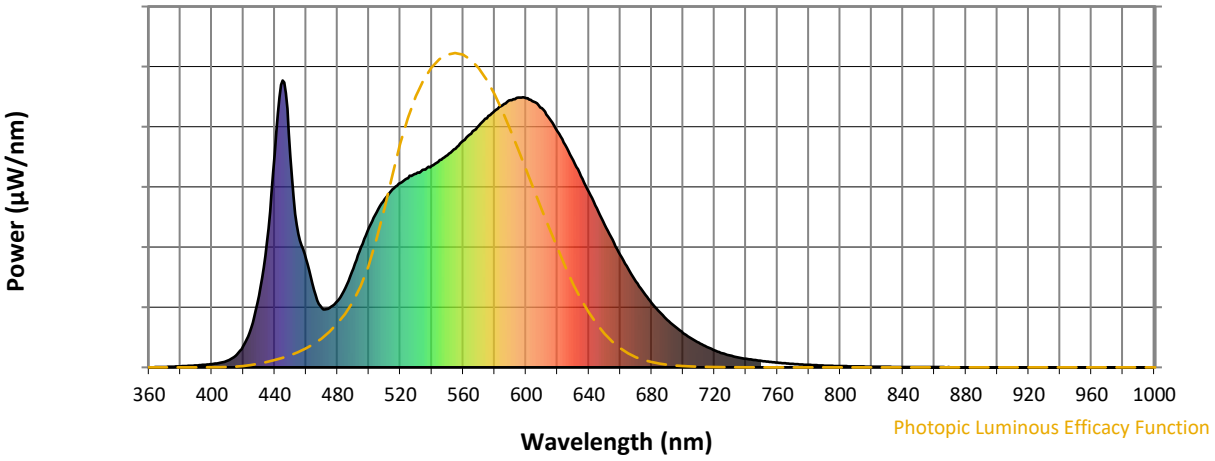


CCT = 3879K
CIE x = 0.3878
CIE y = 0.3863
Duv = 0.0023

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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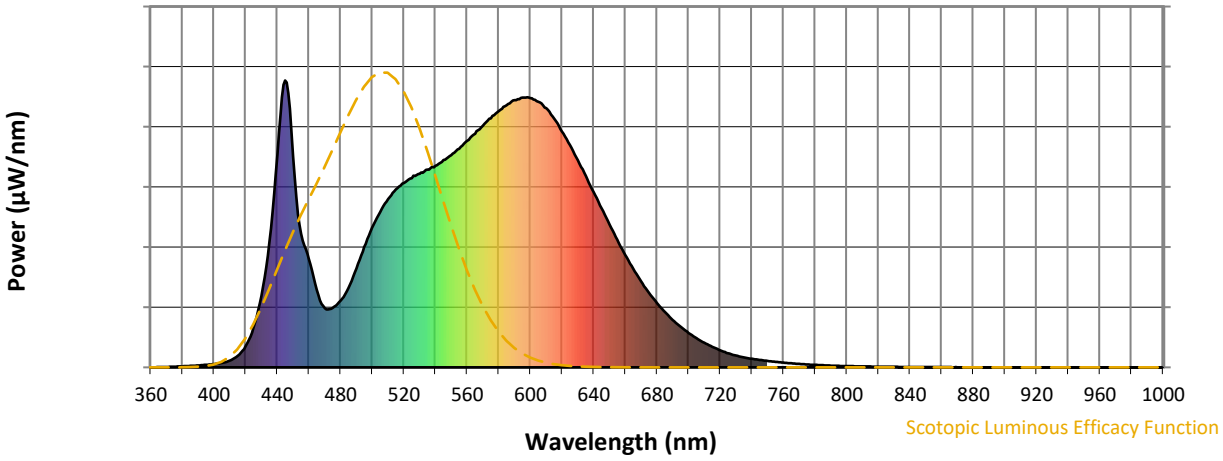
Scotopic Flux vs. Wavelength



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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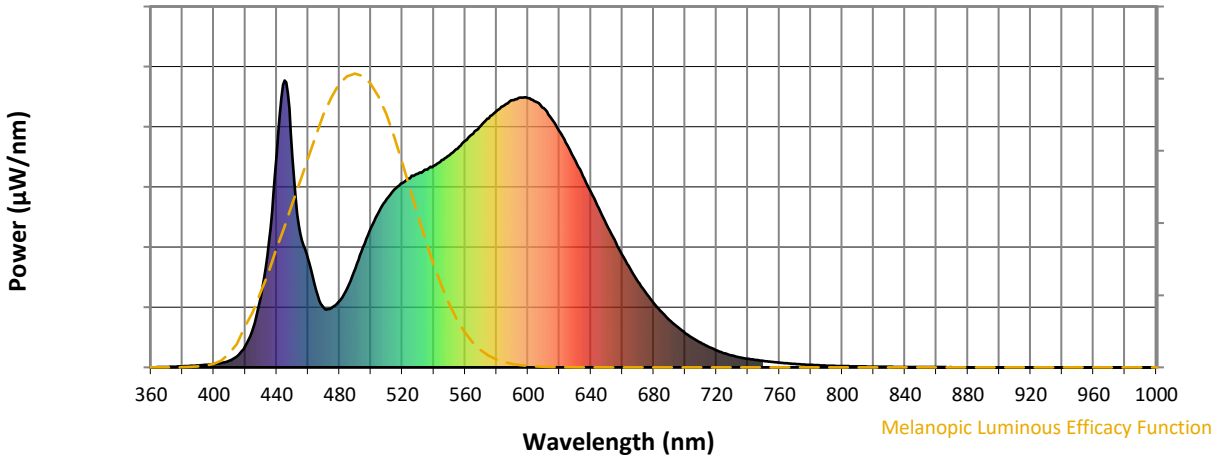
Melanopic Flux vs. Wavelength



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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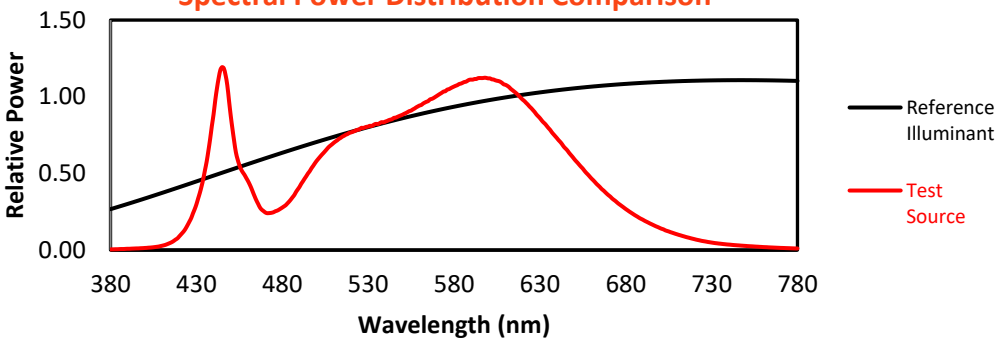
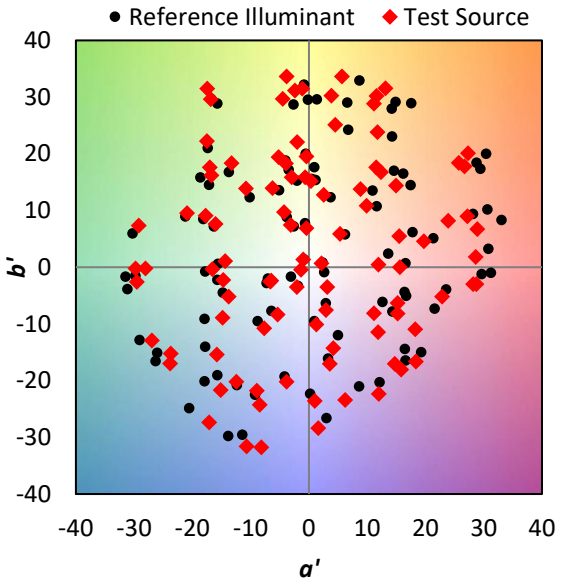
Summary

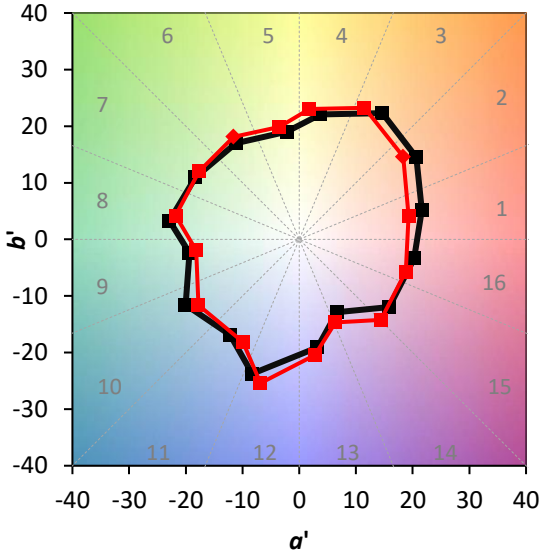
R_f = 84.8
R_g = 97.9
CIE R_a = 83.0
R_9 = 8.2

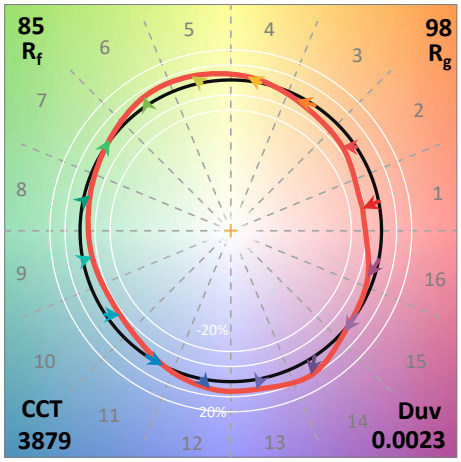
Spectral Power Distribution Comparison

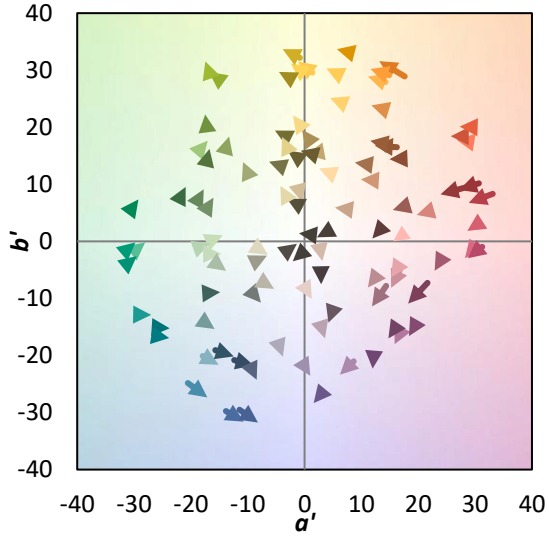


Color Vector Graphics









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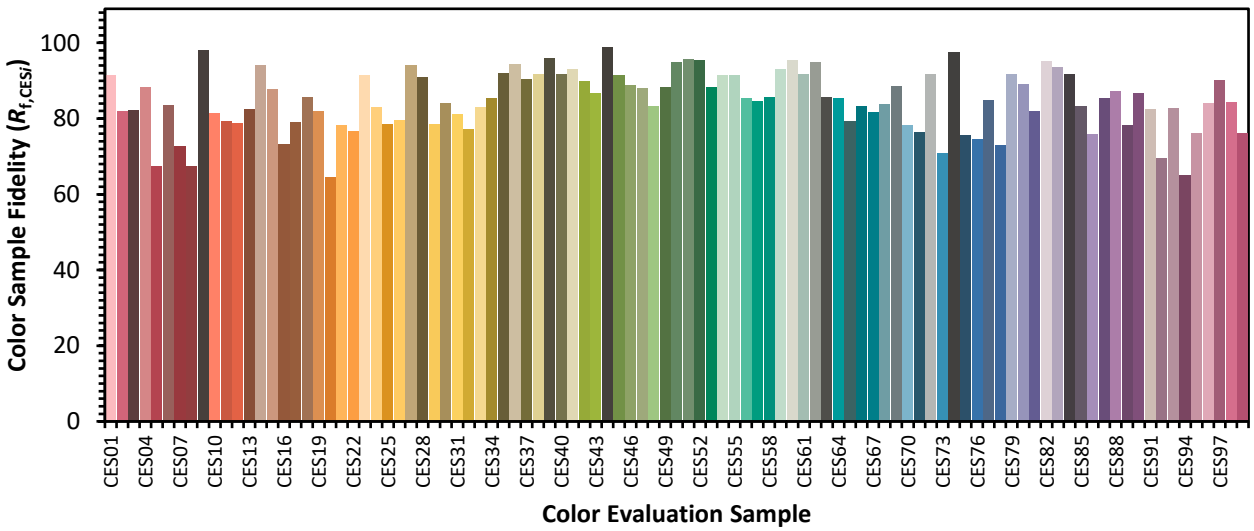
Individual Sample Fidelity Index ($R_{f,i}$)

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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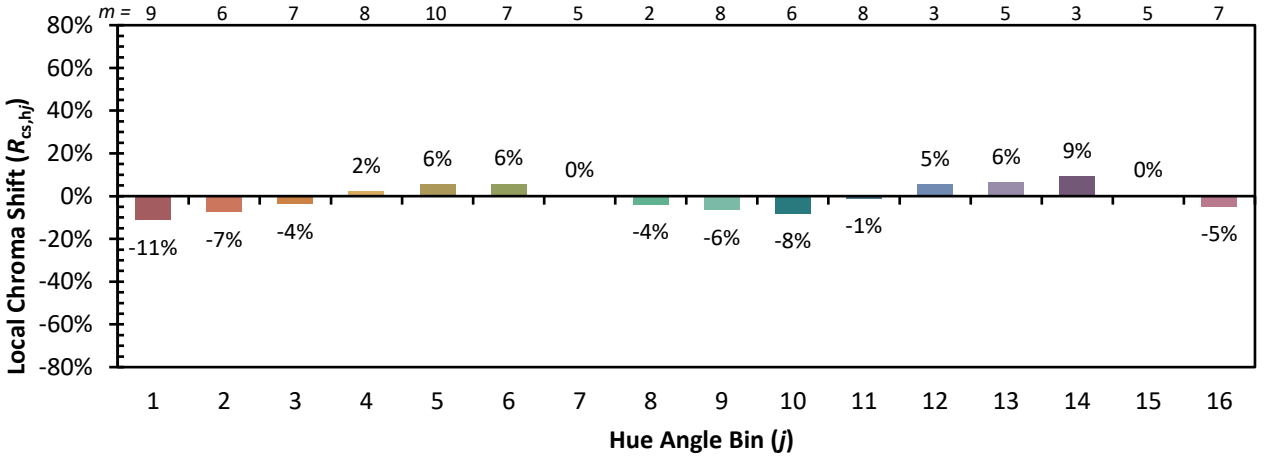
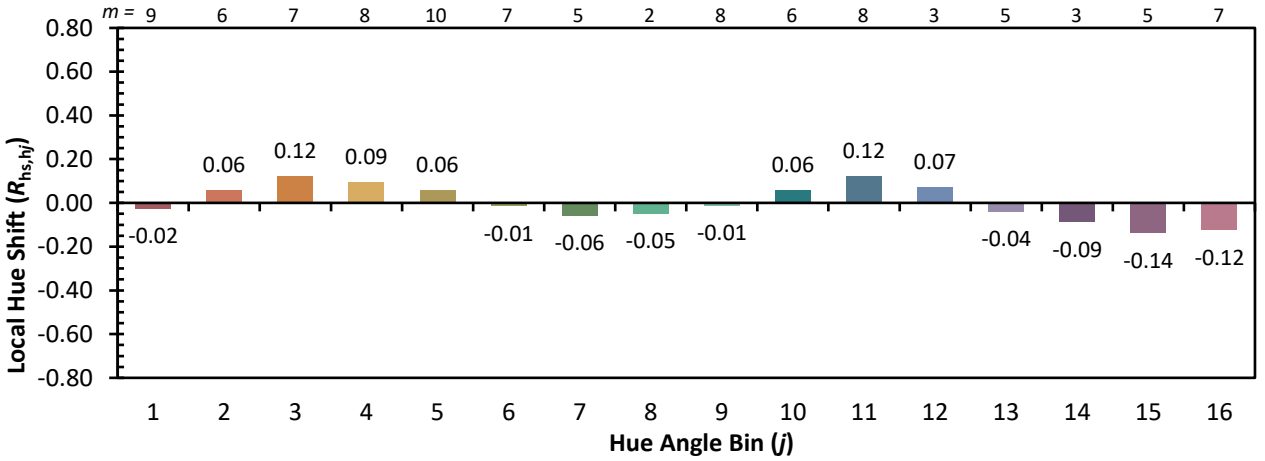
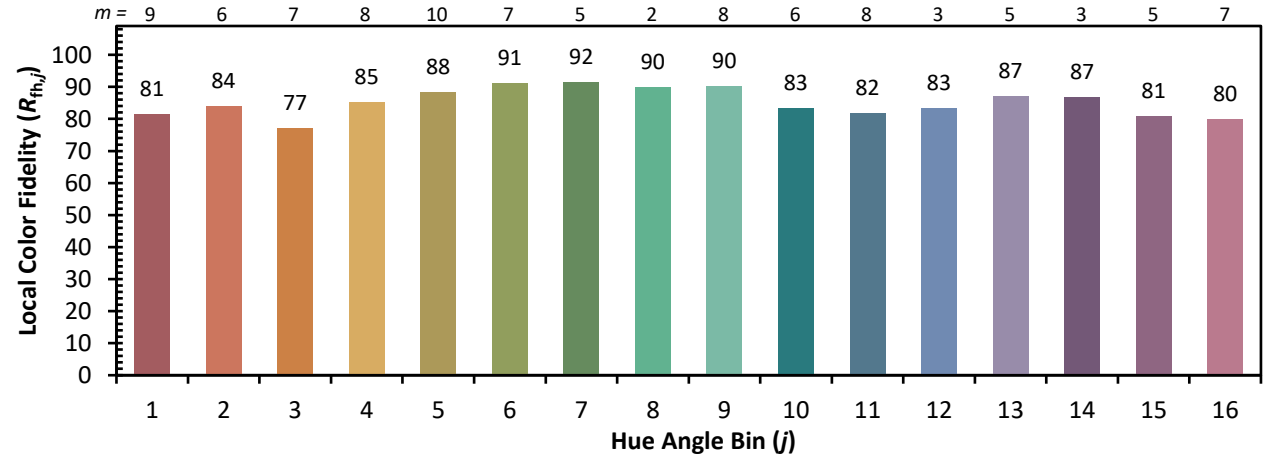
Color Rendition by Hue-Angle Bin







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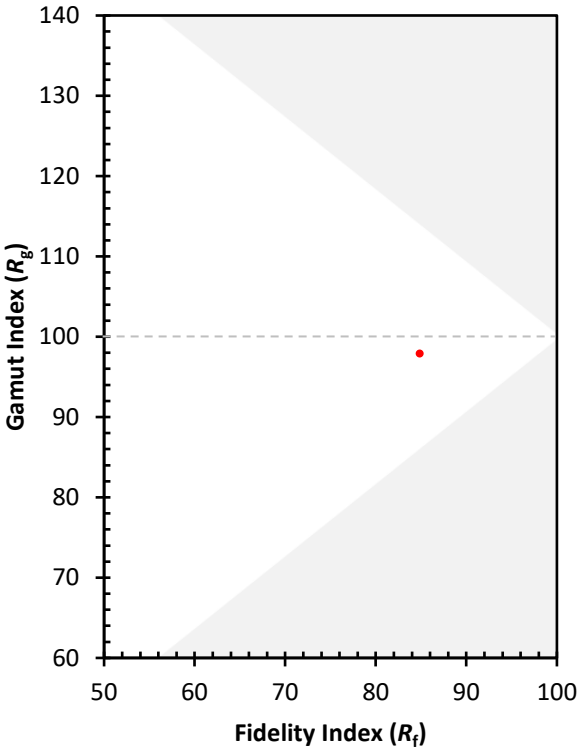
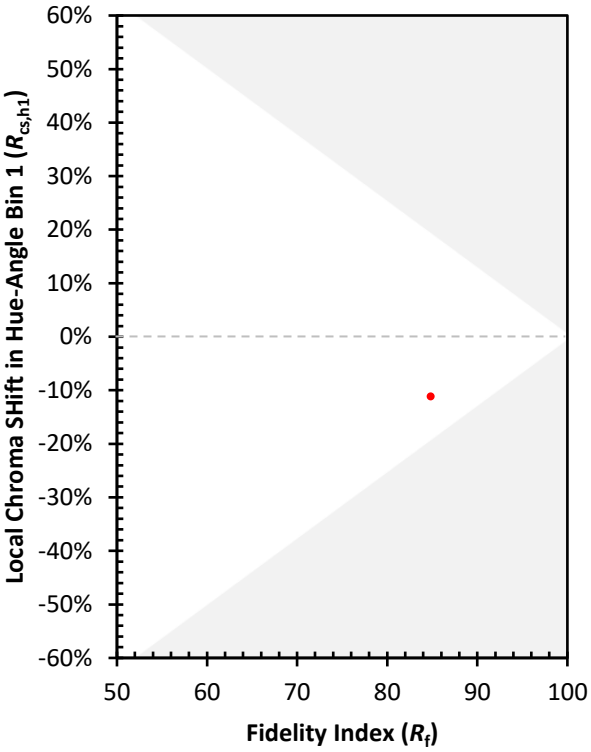
Measure Comparisons





(END OF REPORT)