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: P1442108

Luminaire Tested: LXB-C2-830-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:	P1442108
	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-C2-830-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:	1301 lumens
Efficiency:	N/A
Efficacy:	47.3 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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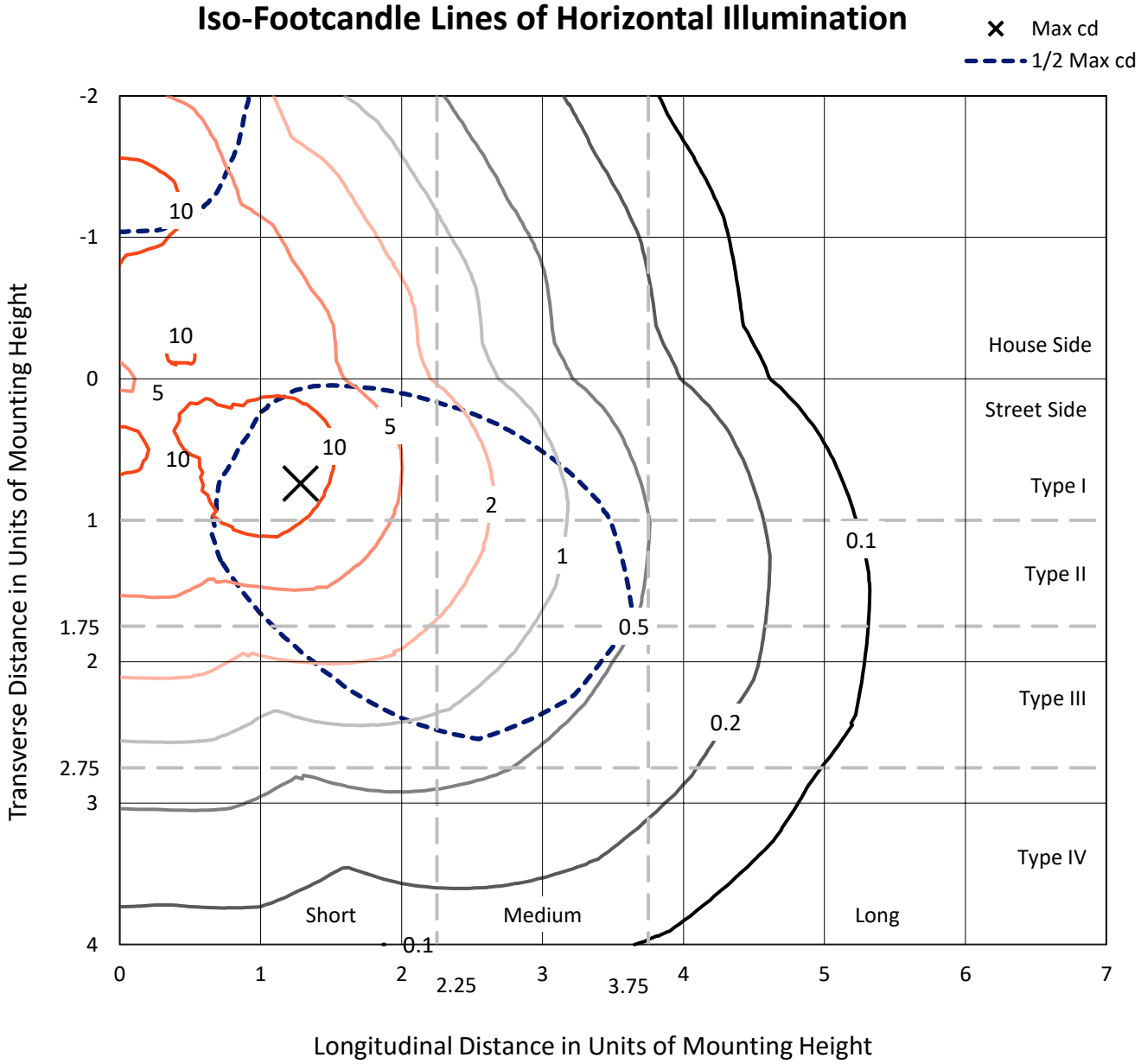
REPORT NUMBER: P1442108
CATALOG NUMBER: LXB-C2-830-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 15.7 fc
Type III - Short - N/A

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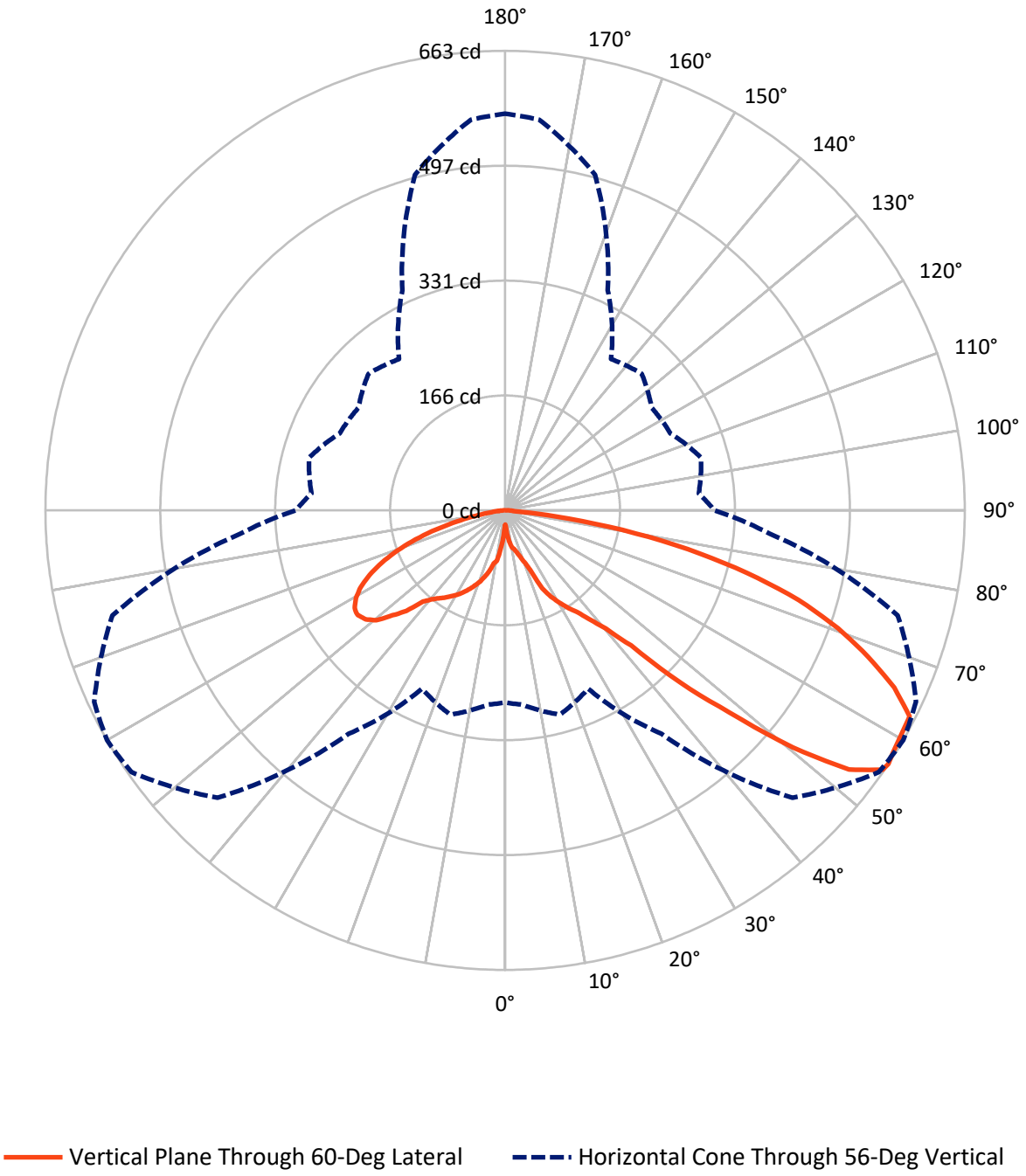
Luminous Intensity Polar Plot



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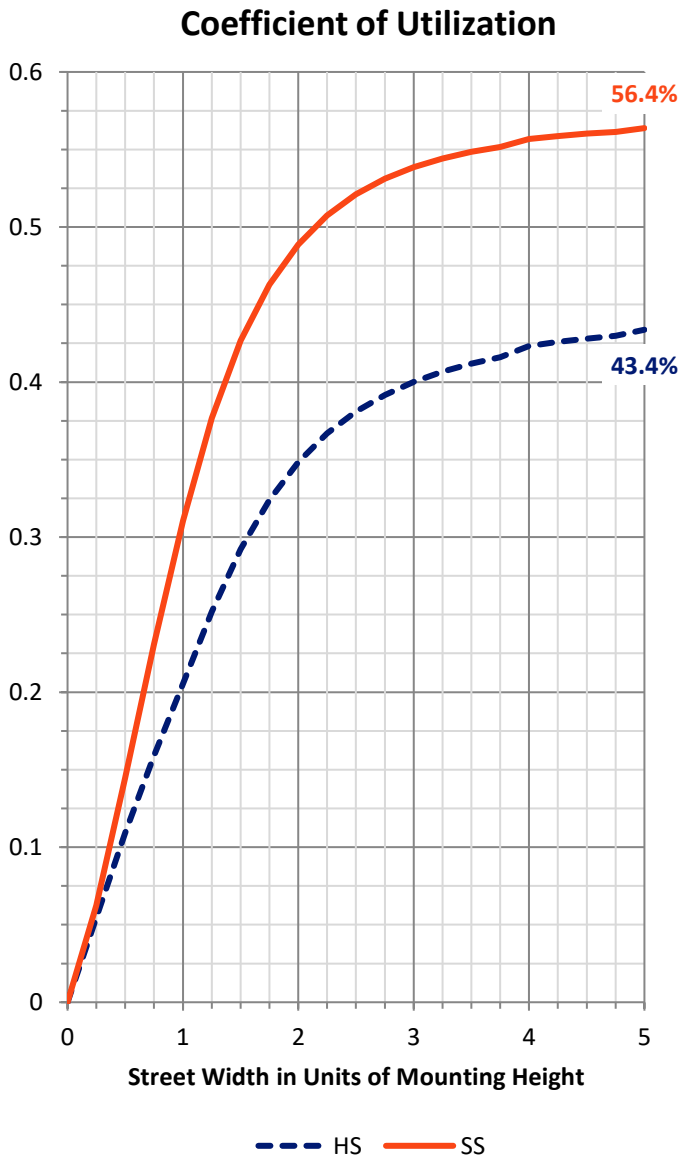
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	565.5	0.0	565.5
	% Fixture	43.5	0.0	43.5
Street Side	Lumens	735.5	0.0	735.5
	% Fixture	56.5	0.0	56.5
Total	Lumens	1301.0	0.0	1301.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.4
10°-20°	22.9	1.8
20°-30°	54.2	4.2
30°-40°	98.6	7.6
40°-50°	195.1	15.0
50°-60°	346.0	26.6
60°-70°	347.8	26.7
70°-80°	204.4	15.7
80°-90°	27.3	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°	1301.0	100.0
0°-180°	1301.0	100.0



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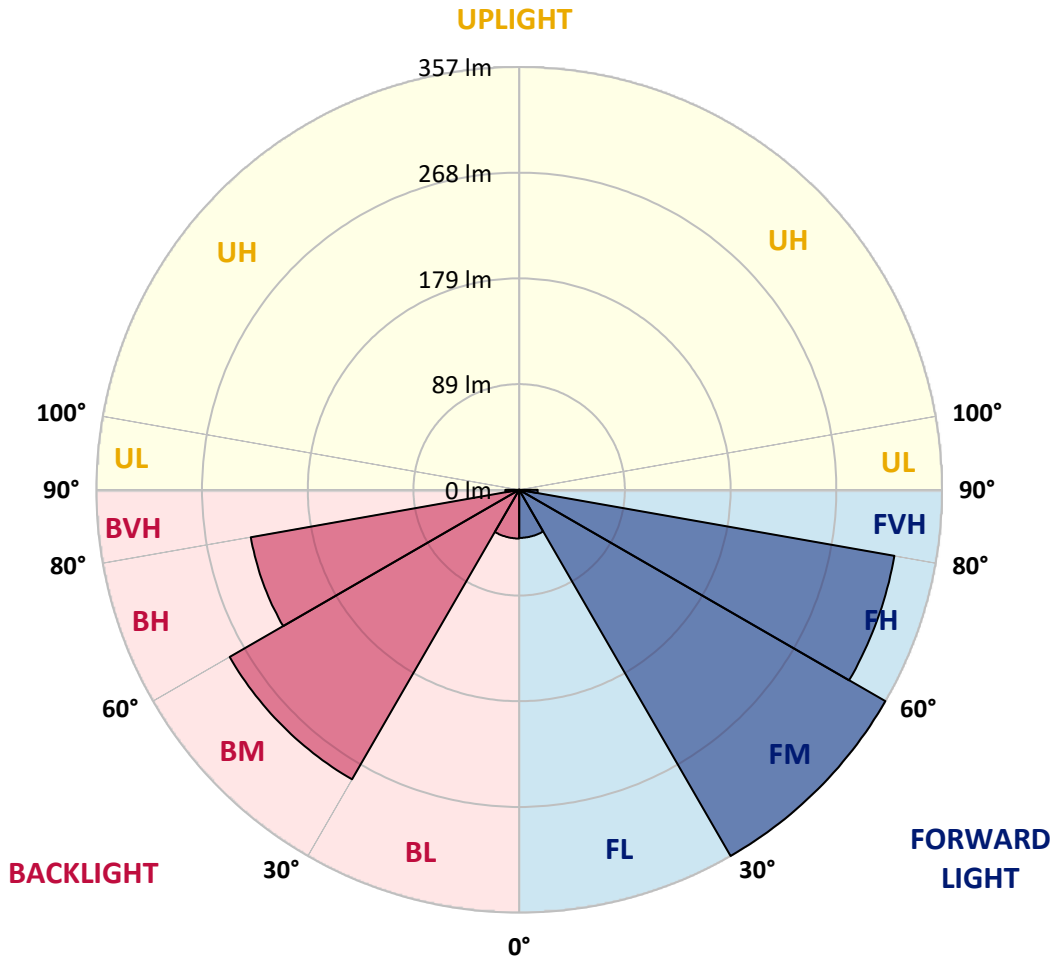
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	40.6	3.1			
FM	(30°-60°)	357.3	27.5			
FH	(60°-80°)	321.9	24.7			G0/660
FVH	(80°-90°)	15.7	1.2			G1/100
BL	(0°-30°)	41.1	3.2	B0/110		
BM	(30°-60°)	282.4	21.7	B1/1000		
BH	(60°-80°)	230.3	17.7	B1/500		G1/500
BVH	(80°-90°)	11.7	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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Scaled Data Report

REPORT NUMBER: P1442108
CATALOG NUMBER: LXB-C2-830-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	*20.6*	20.6	20.6	20.6
2.5°	29.7	28.0	25.5	26.4	25.5	25.5	23.9	*23.9*	23.1	24.7	27.2
5°	47.8	47.8	40.4	35.4	36.3	37.1	35.4	*36.3*	35.4	36.3	37.9
7.5°	61.8	60.2	61.0	55.2	52.7	51.9	48.6	*46.1*	46.1	50.3	52.7
10°	70.9	70.9	72.5	72.5	63.4	56.9	55.2	*54.4*	53.6	56.0	60.2
12.5°	75.8	79.9	81.6	80.8	72.5	62.6	56.9	*56.9*	56.0	62.6	68.4
15°	93.1	89.0	91.5	88.2	81.6	70.0	63.4	*62.6*	63.4	68.4	76.6
17.5°	103.0	105.5	99.7	93.1	86.5	77.5	72.5	*70.0*	69.2	73.3	84.9
20°	112.9	114.5	110.4	101.4	93.1	83.2	80.8	*79.9*	79.9	82.4	88.2
22.5°	122.8	124.4	119.5	108.8	100.5	92.3	92.3	*93.1*	89.8	90.6	96.4
25°	131.0	132.7	126.9	116.2	110.4	107.9	117.8	*124.4*	116.2	105.5	107.9
27.5°	140.9	140.9	136.8	125.2	120.3	126.9	137.6	*140.9*	138.4	122.8	118.7
30°	147.5	147.5	145.0	134.3	129.4	140.1	152.4	*154.1*	151.6	140.9	126.9
32.5°	154.1	153.3	152.4	140.1	137.6	154.1	166.4	*168.1*	165.6	155.7	135.1
35°	161.5	159.9	159.0	146.7	145.0	168.9	178.8	*180.5*	179.6	168.1	143.4
37.5°	169.7	166.4	166.4	154.9	156.6	184.6	196.9	*200.2*	196.9	184.6	154.1
40°	178.8	174.7	174.7	163.2	168.9	206.8	219.2	*224.1*	218.4	206.0	166.4
42.5°	191.2	187.9	190.3	178.8	189.5	243.1	257.1	*266.2*	253.8	243.9	184.6
45°	220.8	218.4	228.2	215.1	234.8	321.4	346.9	*354.3*	341.1	319.7	229.9
47.5°	241.4	241.4	252.1	237.3	274.4	400.5	430.1	*435.1*	414.5	408.7	267.8
50°	263.7	265.3	282.6	267.0	332.9	488.6	534.0	*537.2*	526.5	495.2	324.7
52.5°	272.7	276.9	300.8	282.6	370.0	548.0	613.1	*620.5*	605.6	552.1	359.3
55°	276.9	281.8	307.4	285.1	389.8	580.1	652.6	*660.0*	647.7	580.1	377.4
56°	*276.9*	*281.0*	*304.9*	*283.5*	*393.0*	*585.9*	*657.6*	*662.5*	*653.4*	*585.9*	*382.3*
57.5°	273.6	278.5	299.9	278.5	395.5	589.2	656.7	*659.2*	655.1	590.0	387.3
60°	262.9	268.6	289.2	267.0	393.0	583.4	652.6	*655.9*	652.6	589.2	388.9
62.5°	246.4	252.1	273.6	252.1	384.0	571.0	648.5	*654.3*	649.3	574.3	379.9
65°	225.8	230.7	249.7	230.7	364.2	545.5	612.2	*616.4*	615.5	543.8	357.6
67.5°	199.4	204.4	223.3	204.4	337.8	506.8	562.0	*564.4*	566.1	501.0	331.2
70°	170.6	174.7	192.8	175.5	306.5	453.2	503.5	*509.2*	511.7	448.3	296.6
72.5°	137.6	140.1	159.0	145.0	264.5	388.9	435.1	*442.5*	445.8	384.0	253.8
75°	103.8	103.0	122.0	112.1	214.2	314.8	353.5	*360.1*	365.9	311.5	201.9
77.5°	70.0	68.4	84.0	79.1	157.4	238.1	269.4	*269.4*	279.3	231.5	148.3
80°	40.4	38.7	48.6	47.0	96.4	149.1	172.2	*171.4*	183.8	148.3	89.8
82.5°	19.8	17.3	22.2	21.4	38.7	58.5	73.3	*73.3*	85.7	57.7	34.6
85°	8.2	8.2	9.1	5.8	9.1	11.5	12.4	*12.4*	14.0	11.5	9.1
87.5°	5.8	5.8	6.6	3.3	6.6	8.2	9.1	*9.1*	9.9	8.2	5.8
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: P1442108
CATALOG NUMBER: LXB-C2-830-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
2.5°	28.0	27.2	27.2	25.5	27.2	27.2	27.2	26.4	26.4	24.7	24.7
5°	39.6	40.4	42.0	45.3	42.0	40.4	38.7	37.9	39.6	34.6	35.4
7.5°	51.9	52.7	57.7	61.0	57.7	61.0	56.9	55.2	54.4	50.3	49.4
10°	62.6	64.3	68.4	70.9	77.5	70.9	70.0	63.4	60.2	57.7	56.9
12.5°	71.7	73.3	75.0	79.1	76.6	77.5	76.6	69.2	63.4	58.5	59.3
15°	79.9	81.6	87.3	92.3	88.2	85.7	85.7	79.9	71.7	64.3	63.4
17.5°	86.5	90.6	96.4	100.5	98.9	96.4	91.5	86.5	75.8	71.7	69.2
20°	92.3	97.2	108.8	109.6	108.8	104.6	99.7	91.5	82.4	78.3	77.5
22.5°	100.5	107.1	117.0	117.8	116.2	111.2	109.6	98.1	90.6	87.3	89.0
25°	109.6	114.5	123.6	124.4	125.2	117.8	117.0	107.9	102.2	107.1	110.4
27.5°	119.5	122.8	131.8	131.8	133.5	126.1	123.6	117.0	117.8	123.6	125.2
30°	127.7	130.2	139.3	140.1	139.3	133.5	130.2	124.4	127.7	135.1	136.0
32.5°	133.5	137.6	145.0	147.5	144.2	139.3	135.1	132.7	138.4	149.1	149.1
35°	139.3	144.2	150.8	154.9	150.0	147.5	140.9	140.1	150.8	161.5	162.3
37.5°	147.5	151.6	157.4	160.7	156.6	154.9	147.5	149.1	166.4	177.2	178.0
40°	155.7	158.2	165.6	168.1	164.0	163.2	153.3	160.7	184.6	198.6	199.4
42.5°	171.4	170.6	179.6	178.8	174.7	175.5	164.0	176.3	210.1	225.8	229.1
45°	206.8	205.2	216.7	205.2	201.1	207.6	194.5	216.7	272.7	297.5	302.4
47.5°	233.2	225.0	242.3	225.0	218.4	226.6	212.6	245.6	327.1	357.6	358.4
50°	270.3	257.9	271.1	247.2	240.6	256.3	244.7	301.6	413.6	446.6	449.1
52.5°	291.7	277.7	290.0	257.9	252.1	273.6	261.2	331.2	458.1	509.2	510.1
55°	301.6	281.8	294.2	262.9	257.9	281.0	267.0	347.7	492.8	558.7	563.6
56°	*301.6*	*280.2*	*292.5*	*262.9*	*257.9*	*278.5*	*266.2*	*350.2*	*501.0*	*565.3*	*571.9*
57.5°	298.3	274.4	287.6	261.2	255.4	274.4	262.0	353.5	505.9	566.9	572.7
60°	290.9	265.3	277.7	252.1	246.4	264.5	253.0	352.7	506.8	562.8	566.1
62.5°	279.3	251.3	263.7	238.1	233.2	250.5	239.0	346.1	499.3	559.5	566.9
65°	259.6	231.5	241.4	218.4	214.2	229.1	220.0	328.0	477.9	536.4	548.8
67.5°	234.0	205.2	214.2	194.5	192.0	203.5	196.9	300.8	445.0	496.0	502.6
70°	206.0	177.2	184.6	166.4	164.8	175.5	169.7	268.6	401.3	445.0	449.1
72.5°	173.9	147.5	152.4	136.0	135.1	142.6	140.9	231.5	350.2	387.3	393.9
75°	137.6	115.4	115.4	103.0	103.8	108.8	110.4	186.2	286.8	314.8	323.8
77.5°	98.9	81.6	81.6	70.9	71.7	75.8	78.3	136.8	215.1	234.0	242.3
80°	58.5	49.4	47.0	42.8	43.7	45.3	47.8	83.2	137.6	147.5	154.1
82.5°	24.7	23.9	22.2	21.4	23.1	22.2	23.1	34.6	60.2	63.4	69.2
85°	6.6	7.4	9.1	9.9	9.9	9.9	6.6	9.9	14.0	14.8	15.7
87.5°	3.3	4.1	6.6	6.6	6.6	6.6	3.3	6.6	9.9	10.7	10.7
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: SP1-2509-539-5

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

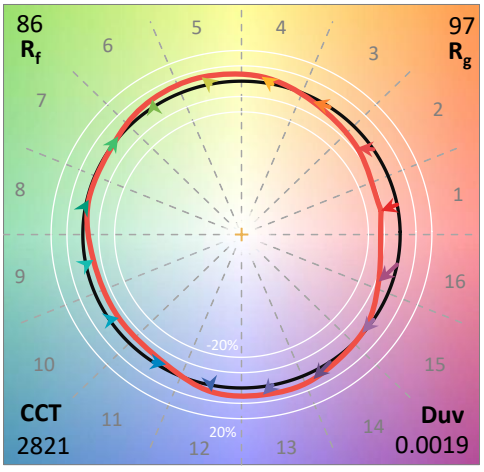
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-5
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-C1-830-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	2821	CRI (Ra):	83.8		
CIE u':	0.2567	R1:	82.0	R9:	8.2
CIE v':	0.5277	R2:	90.6	R10:	79.9
Duv:	0.0019	R3:	97.7	R11:	85.5
CIE x:	0.4533	R4:	84.0	R12:	78.4
CIE y:	0.4141	R5:	82.7	R13:	83.9
CIE z:	0.1326	R6:	90.4	R14:	99.2
Peak Wavelength (nm):	607	R7:	83.6	R15:	73.1
Dominant Wavelength (nm):	583	R8:	59.4		
Purity:	60.36315				

Rf:	86.1
Rg:	97.2



Test Conditions

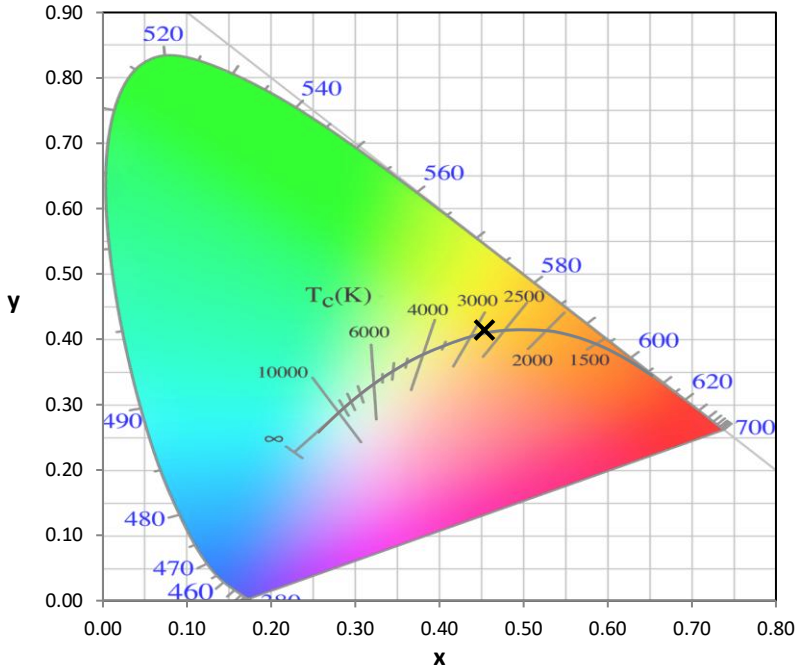
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-5

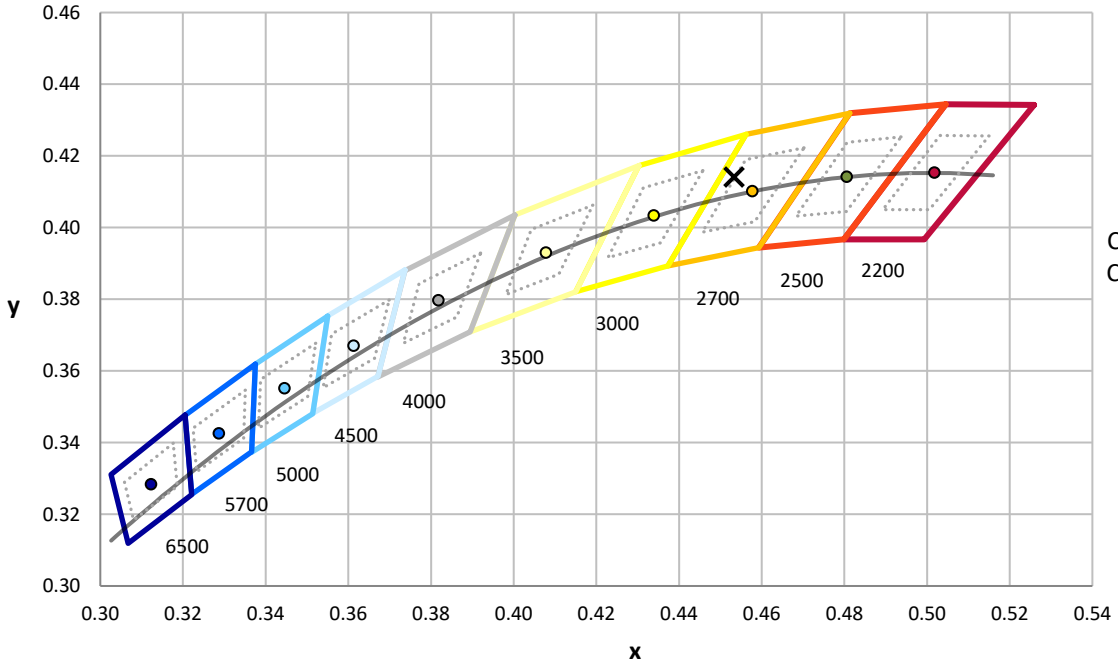
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-5

CIE 1931 Chromaticity Diagram



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

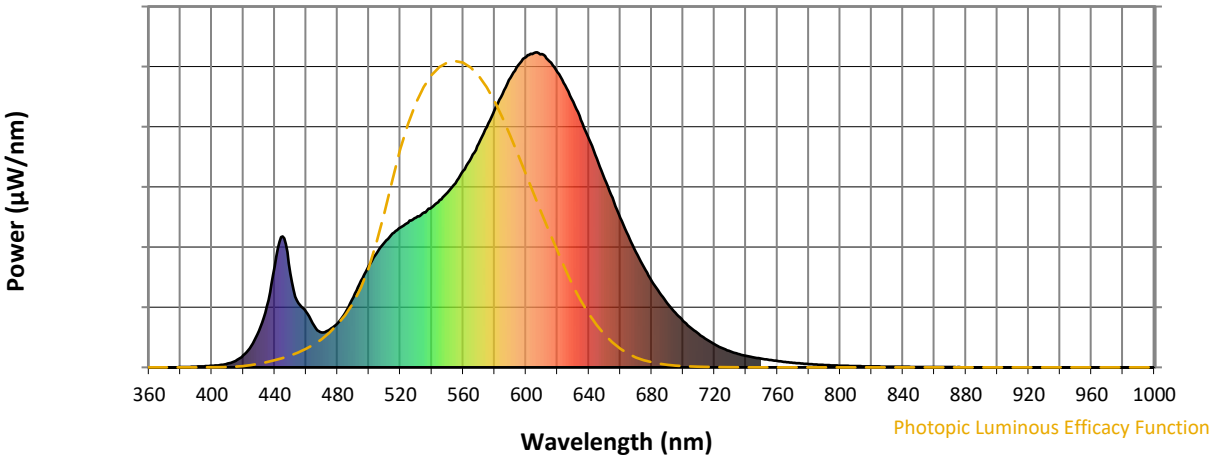


CCT = 2821K
CIE x = 0.4533
CIE y = 0.4141
Duv = 0.0019

Point lies inside the ANSI 2700K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-5

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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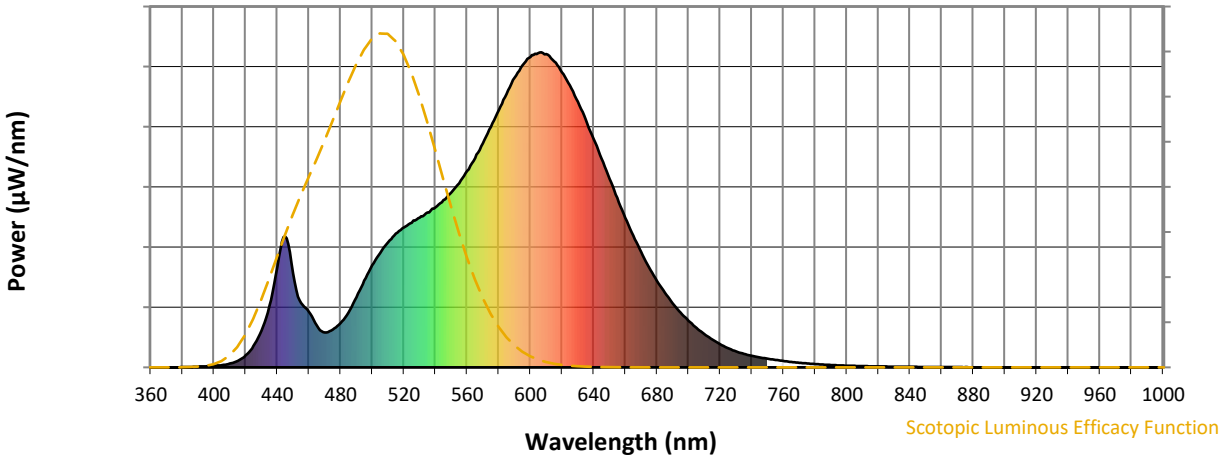
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.26**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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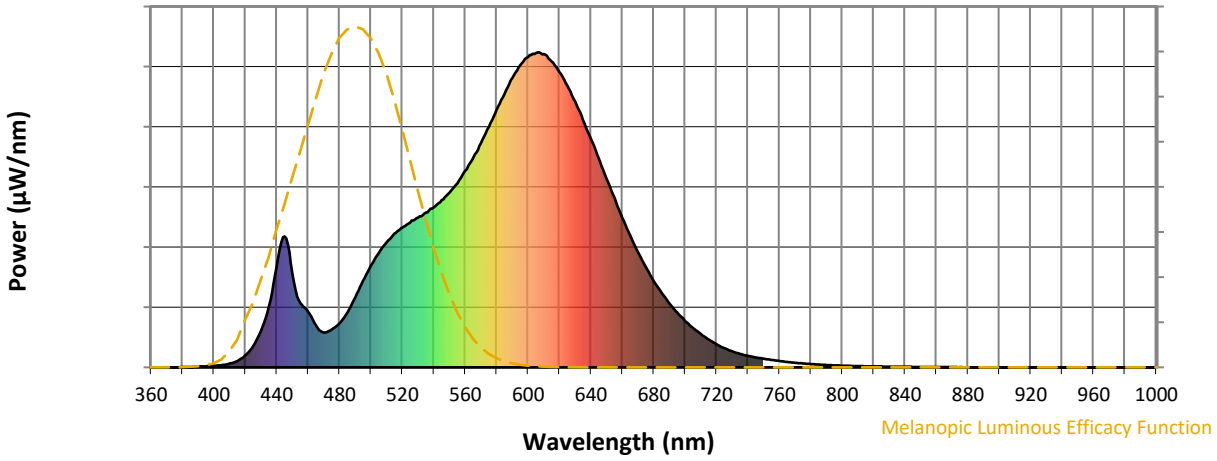
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.34**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

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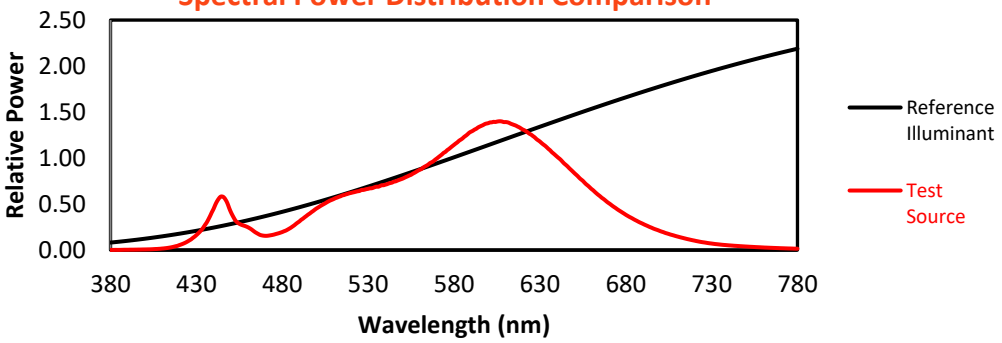
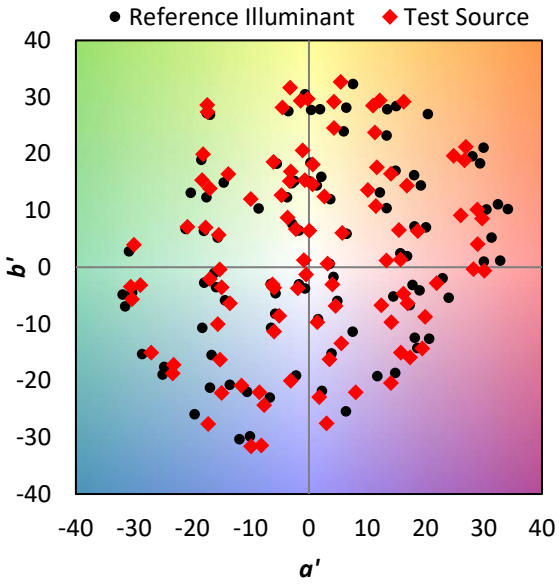
Summary

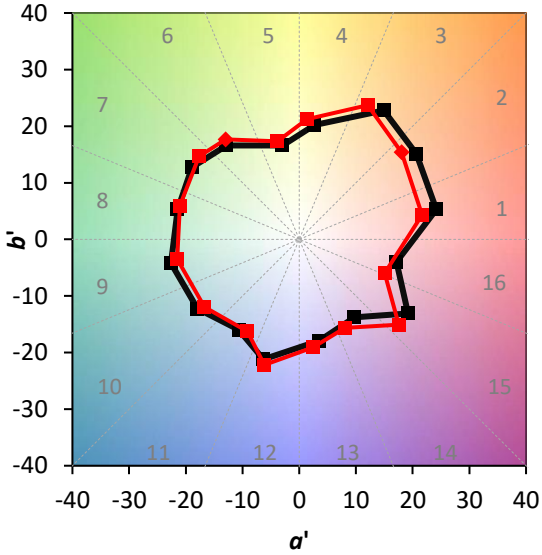
R_f = 86.1
R_g = 97.2
CIE R_a = 83.8
R_9 = 8.2

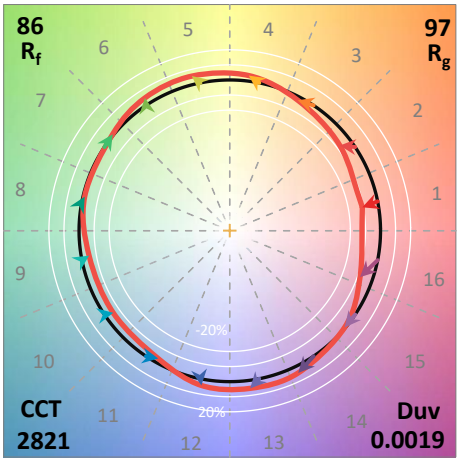
Spectral Power Distribution Comparison

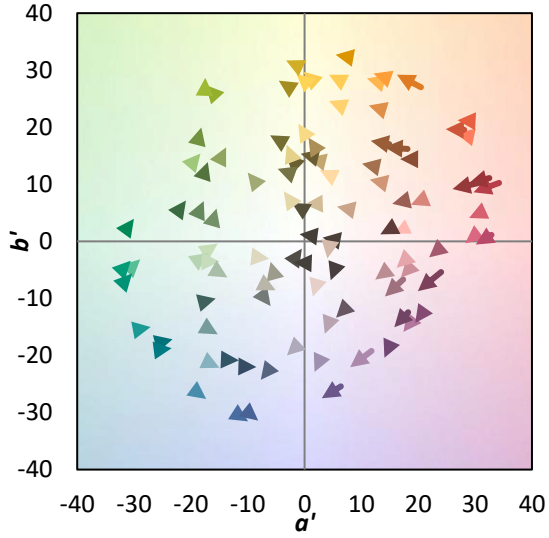


Color Vector Graphics









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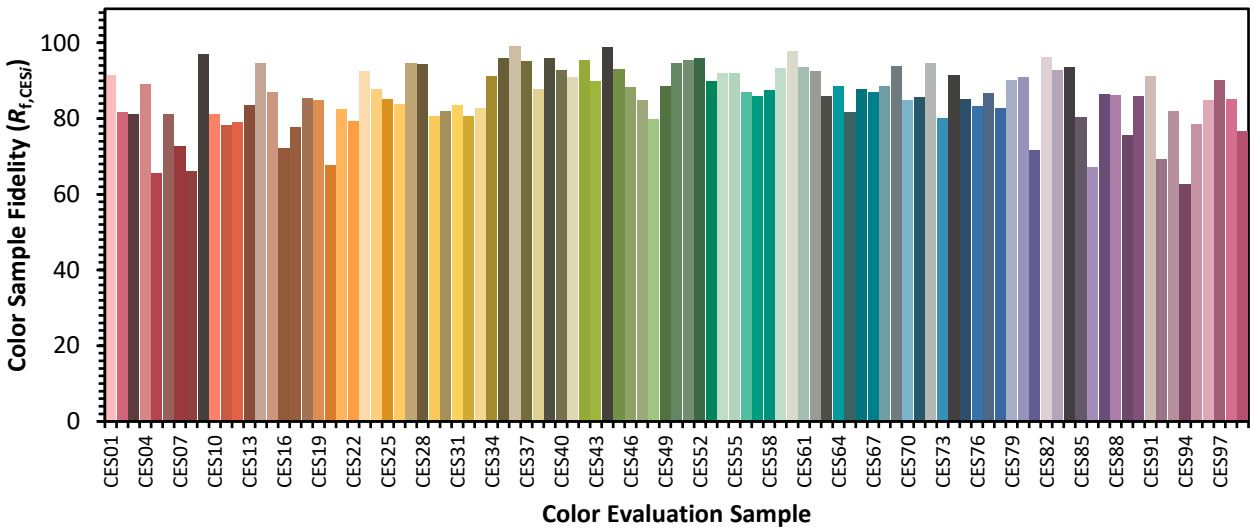
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 84	CES51 = 95	CES76 = 83
CES02 = 63	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 81	CES54 = 92	CES79 = 90
CES05 = 50	CES30 = 82	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 72
CES07 = 43	CES32 = 81	CES57 = 86	CES82 = 96
CES08 = 41	CES33 = 83	CES58 = 88	CES83 = 93
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 94
CES10 = 76	CES35 = 96	CES60 = 98	CES85 = 80
CES11 = 59	CES36 = 99	CES61 = 94	CES86 = 67
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 87
CES13 = 44	CES38 = 88	CES63 = 86	CES88 = 86
CES14 = 74	CES39 = 96	CES64 = 88	CES89 = 76
CES15 = 72	CES40 = 93	CES65 = 82	CES90 = 86
CES16 = 48	CES41 = 91	CES66 = 88	CES91 = 91
CES17 = 50	CES42 = 95	CES67 = 87	CES92 = 69
CES18 = 57	CES43 = 90	CES68 = 89	CES93 = 82
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 63
CES20 = 67	CES45 = 93	CES70 = 85	CES95 = 79
CES21 = 87	CES46 = 88	CES71 = 86	CES96 = 85
CES22 = 79	CES47 = 85	CES72 = 95	CES97 = 90
CES23 = 92	CES48 = 80	CES73 = 80	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 91	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 85	



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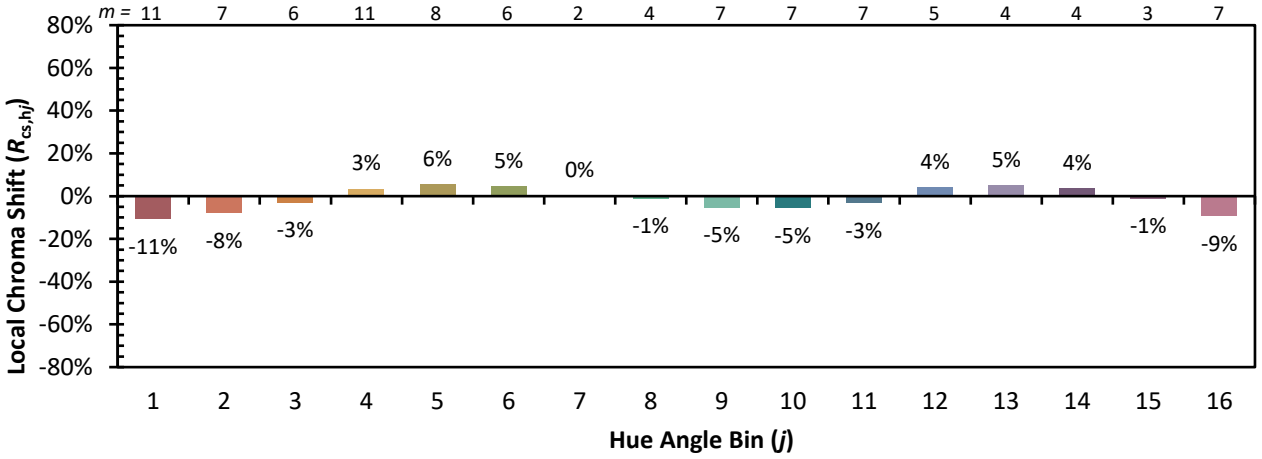
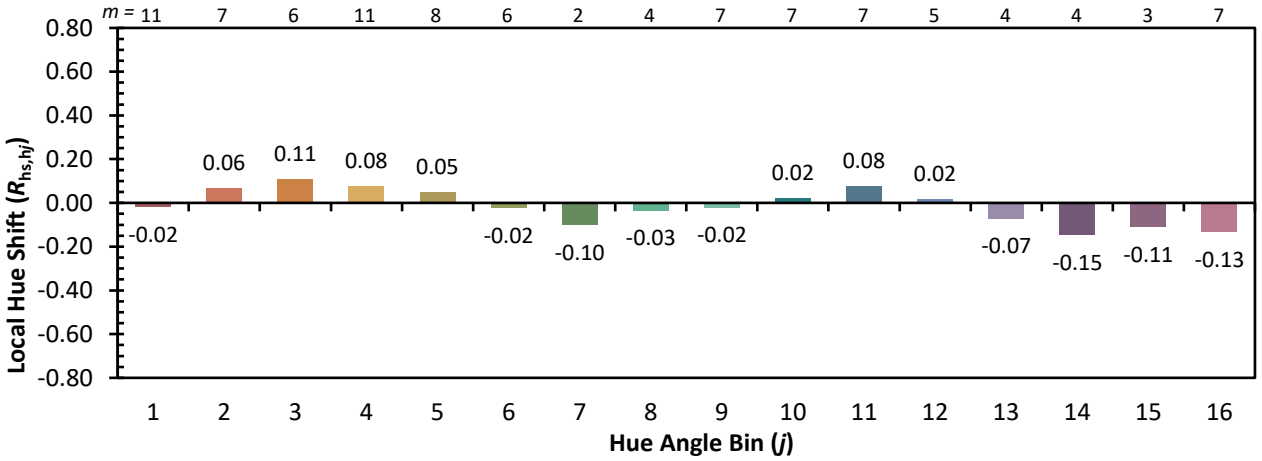
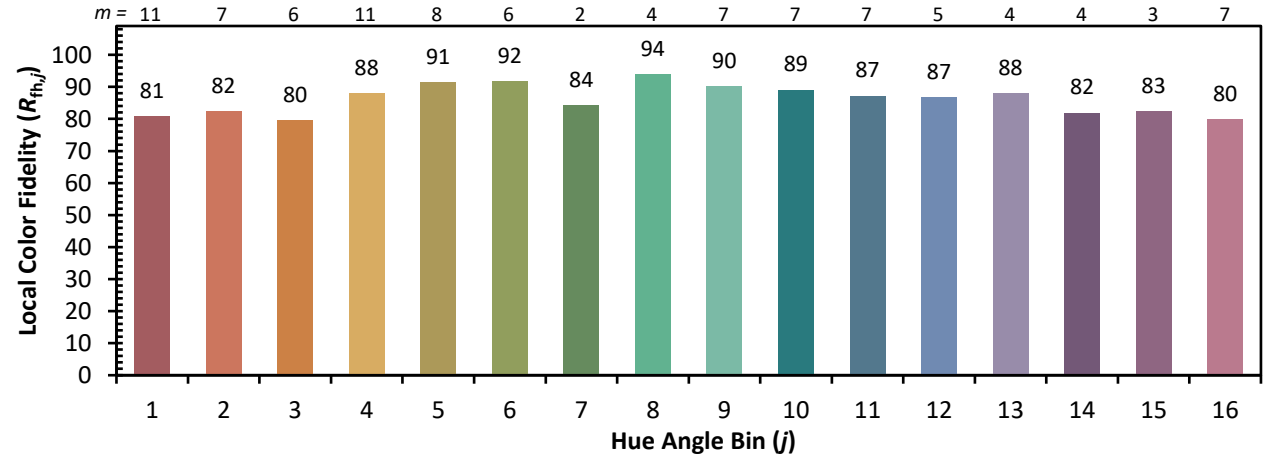
Color Rendition by Hue-Angle Bin







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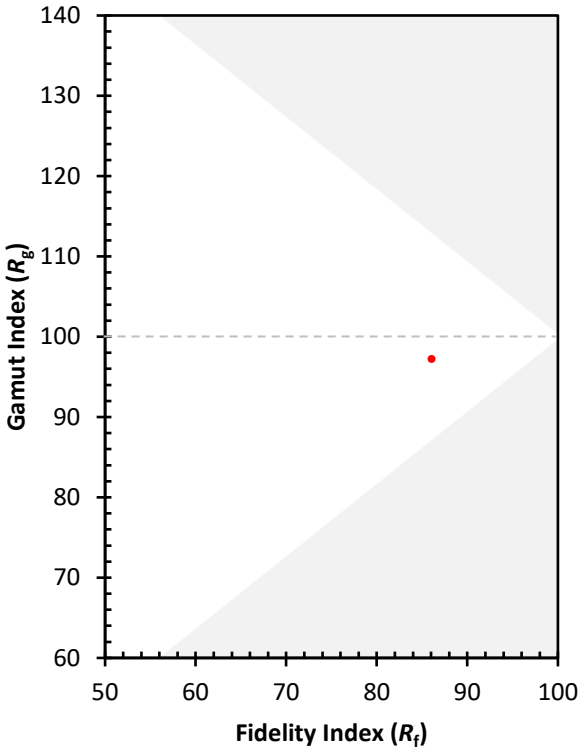
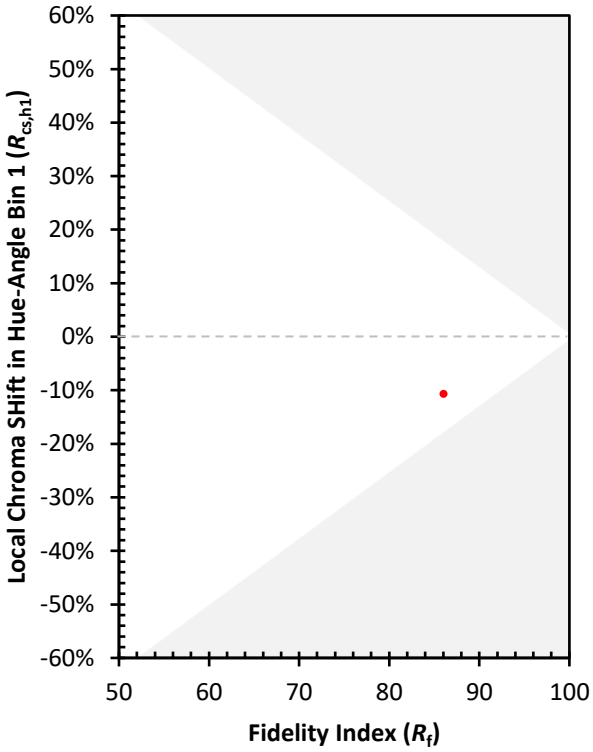
Measure Comparisons





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