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: P1442121

Luminaire Tested: LXB-C3-835-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:	P1442121
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-26)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C3-835-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:	1101.7 lumens
Efficiency:	N/A
Efficacy:	46.5 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	23.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9878
Total Harmonic Distortion (THDi):	0.130959
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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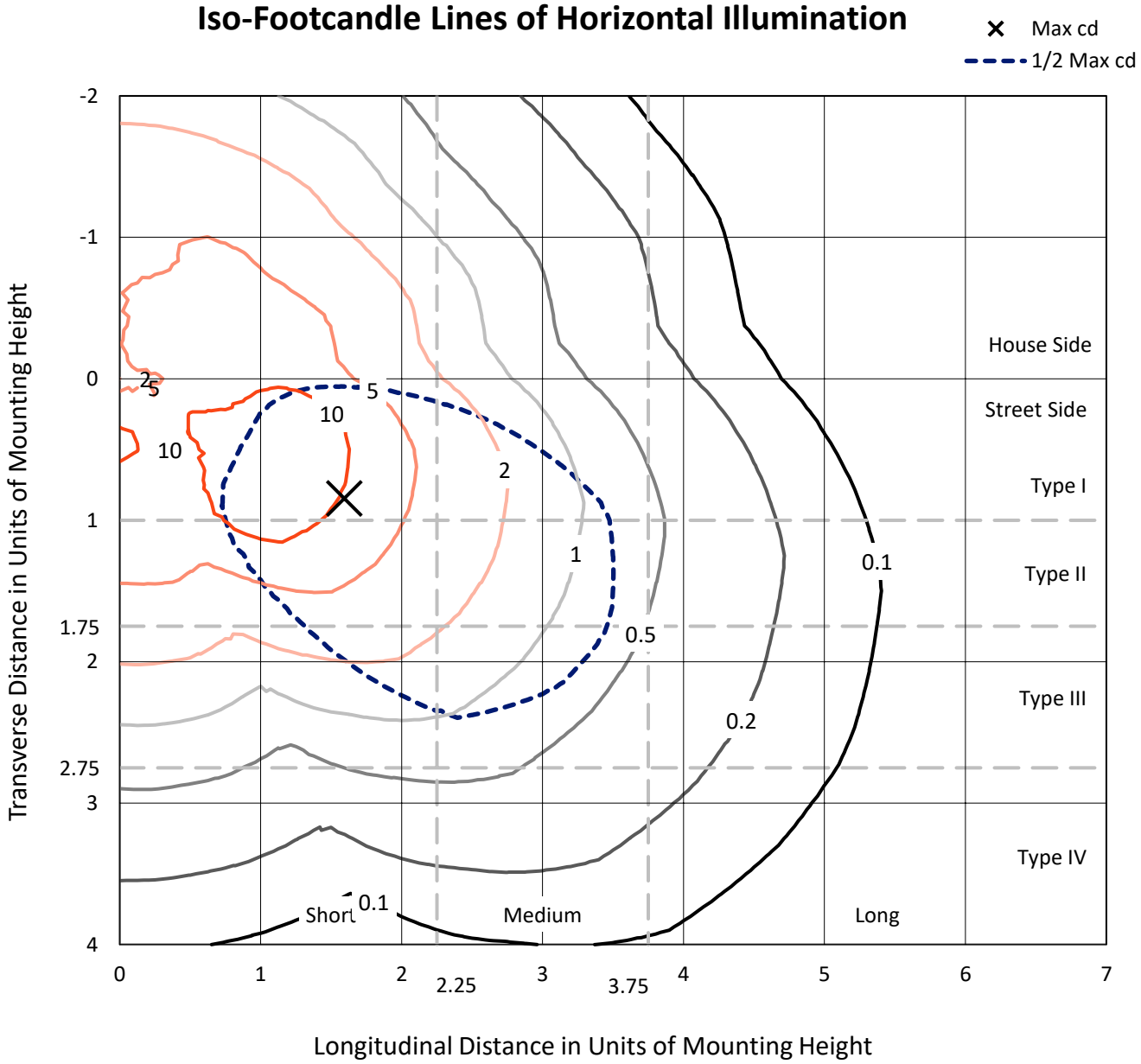
REPORT NUMBER: P1442121
CATALOG NUMBER: LXB-C3-835-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 17.7 fc
Type III - Short - N/A

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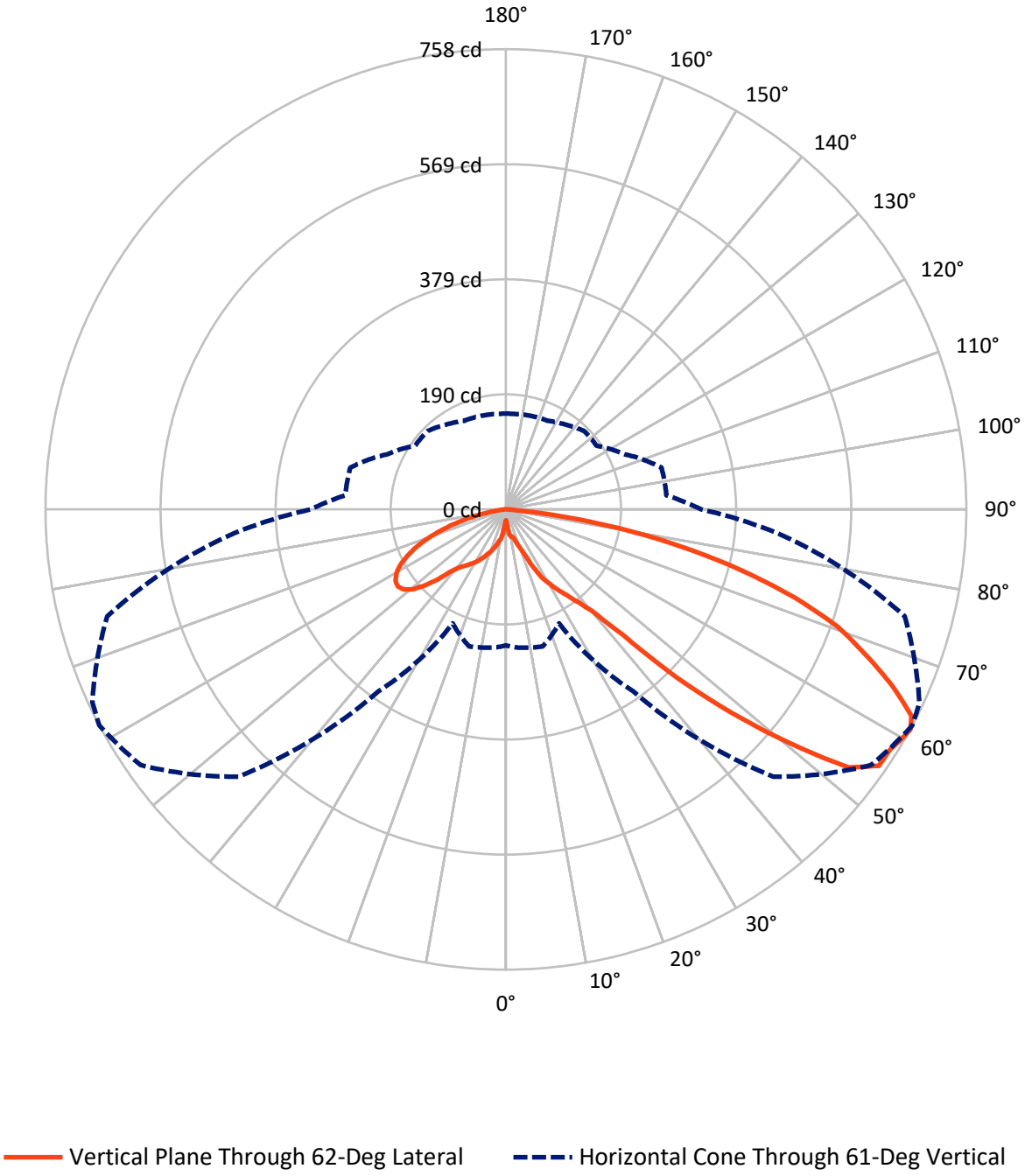
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442121
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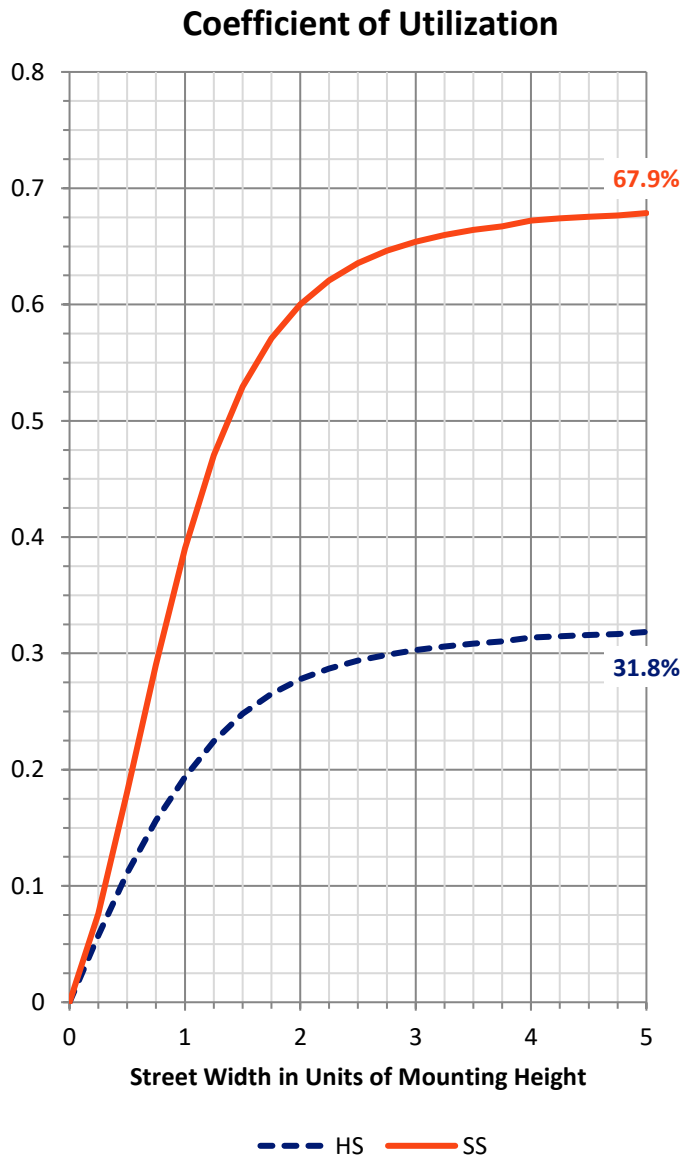
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	352.9	0.0	352.9
	% Fixture	32.0	0.0	32.0
Street Side	Lumens	748.8	0.0	748.8
	% Fixture	68.0	0.0	68.0
Total	Lumens	1101.7	0.0	1101.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.3
10°-20°	18.4	1.7
20°-30°	43.1	3.9
30°-40°	79.8	7.2
40°-50°	169.8	15.4
50°-60°	299.1	27.2
60°-70°	297.0	27.0
70°-80°	169.0	15.3
80°-90°	21.7	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°	1101.7	100.0
0°-180°	1101.7	100.0



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REPORT NUMBER: P1442121
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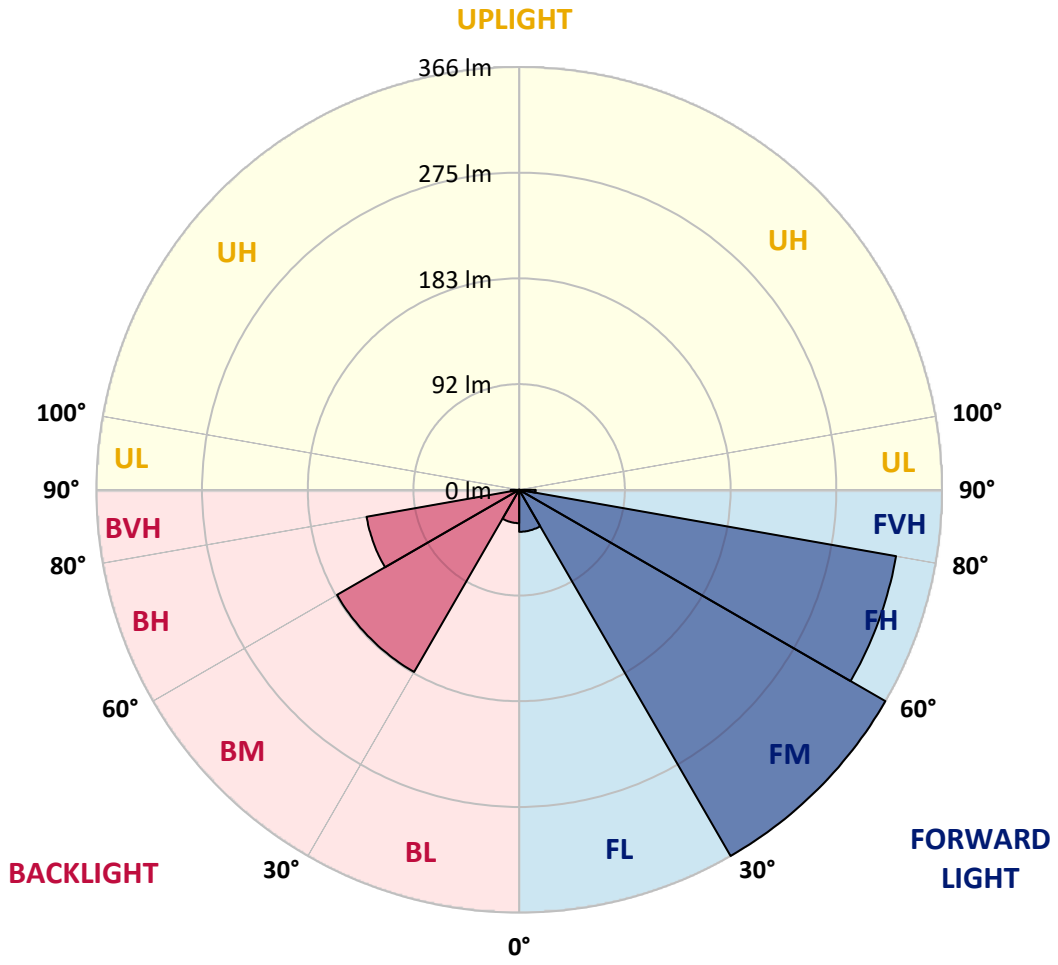
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	36.4	3.3			
FM	(30°-60°)	366.5	33.3			
FH	(60°-80°)	331.7	30.1			G0/660
FVH	(80°-90°)	14.3	1.3			G1/100
BL	(0°-30°)	28.9	2.6	B0/110		
BM	(30°-60°)	182.3	16.5	B0/220		
BH	(60°-80°)	134.3	12.2	B1/500		G1/500
BVH	(80°-90°)	7.4	0.7			G0/10
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: P1442121
CATALOG NUMBER: LXB-C3-835-X-U-A-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	*17.9*	17.9	17.9	17.9
2.5°	22.2	23.0	22.2	24.7	22.2	21.3	21.3	*21.3*	21.3	19.6	18.8
5°	37.5	39.2	38.4	36.7	35.0	35.0	31.6	*29.9*	28.1	26.4	24.7
7.5°	60.6	57.2	64.0	60.6	52.9	47.8	44.4	*41.8*	40.9	38.4	37.5
10°	75.1	79.3	71.7	69.9	66.5	58.0	49.5	*45.2*	44.4	41.8	39.2
12.5°	87.9	81.9	81.0	81.0	71.7	62.3	51.2	*46.1*	44.4	42.6	40.9
15°	92.1	94.7	93.0	88.7	79.3	64.8	54.6	*49.5*	47.8	45.2	47.8
17.5°	103.2	103.2	103.2	90.4	81.9	69.1	61.4	*58.9*	57.2	52.9	52.9
20°	110.9	111.7	112.6	94.7	86.2	75.9	71.7	*68.2*	67.4	63.1	58.9
22.5°	118.6	120.3	118.6	103.2	92.1	83.6	82.7	*82.7*	80.2	74.2	69.1
25°	125.4	127.1	122.8	107.5	100.7	94.7	104.9	*106.6*	103.2	87.0	81.9
27.5°	133.9	134.8	128.8	116.9	107.5	110.9	127.1	*128.0*	126.2	104.1	93.0
30°	140.7	140.7	134.8	121.1	114.3	127.1	141.6	*142.5*	142.5	127.1	104.9
32.5°	145.9	145.0	140.7	126.2	121.1	141.6	156.1	*158.7*	157.8	143.3	115.2
35°	150.1	150.1	145.0	131.4	128.8	156.1	171.5	*174.0*	173.2	159.5	126.2
37.5°	156.1	155.2	151.0	136.5	138.2	174.9	191.9	*194.5*	195.3	180.0	140.7
40°	162.9	161.2	157.8	144.2	151.8	197.0	217.5	*221.8*	221.8	207.3	158.7
42.5°	174.9	172.3	174.0	157.8	176.6	244.0	273.8	*282.3*	278.9	264.4	196.2
45°	203.9	201.3	209.0	189.4	223.5	338.6	389.8	*395.8*	399.2	359.1	254.2
47.5°	220.1	217.5	232.0	206.4	264.4	422.2	484.5	*501.6*	496.4	464.9	317.3
50°	237.1	236.3	252.5	227.8	316.5	515.2	592.0	*604.8*	607.3	556.2	371.1
52.5°	243.1	244.0	263.6	238.8	349.7	584.3	687.5	*706.3*	705.4	630.4	412.0
55°	244.8	248.2	262.7	235.4	365.1	621.8	731.0	*745.5*	742.1	667.9	439.3
57.5°	241.4	244.8	252.5	224.3	372.8	629.5	731.0	*746.4*	742.1	679.8	452.9
60°	229.5	234.6	240.5	213.2	370.2	626.1	731.0	*755.8*	748.1	680.7	452.1
61°	*224.3*	*228.6*	*233.7*	*207.3*	*365.9*	*622.7*	*734.4*	*758.3*	*751.5*	*679.8*	*448.7*
62.5°	214.1	218.4	221.8	196.2	355.7	614.2	728.5	*749.8*	744.7	669.6	437.6
65°	192.8	197.0	197.9	175.7	335.2	584.3	686.7	*698.6*	697.8	631.2	411.1
67.5°	168.0	172.3	172.3	151.8	309.6	539.9	625.2	*638.9*	635.5	580.9	377.9
70°	139.9	143.3	143.3	127.1	276.4	481.9	563.8	*580.9*	575.8	518.6	336.1
72.5°	112.6	114.3	110.9	99.8	232.9	412.0	482.8	*497.3*	495.6	443.6	284.0
75°	80.2	80.2	78.5	71.7	182.5	329.3	387.3	*400.9*	395.8	356.6	222.6
77.5°	51.2	49.5	47.8	46.1	128.8	240.5	284.9	*296.0*	291.7	260.2	157.0
80°	28.1	25.6	23.9	24.7	73.4	147.6	180.0	*190.2*	186.8	160.4	91.3
82.5°	13.6	12.8	11.1	10.2	24.7	55.4	74.2	*83.6*	80.2	63.1	36.7
85°	6.0	6.0	6.0	3.4	6.0	9.4	12.8	*14.5*	15.4	15.4	9.4
87.5°	4.3	4.3	4.3	1.7	3.4	5.1	6.0	*6.0*	6.0	6.0	4.3
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: P1442121
CATALOG NUMBER: LXB-C3-835-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
2.5°	18.8	18.8	19.6	20.5	21.3	22.2	20.5	19.6	18.8	17.1	17.1
5°	24.7	23.9	23.9	29.0	28.1	31.6	33.3	32.4	29.0	29.0	29.0
7.5°	36.7	35.0	34.1	38.4	40.9	46.9	48.6	44.4	39.2	37.5	36.7
10°	38.4	38.4	40.1	46.1	57.2	59.7	59.7	52.9	49.5	46.9	46.1
12.5°	40.1	39.2	43.5	49.5	62.3	63.1	63.1	58.9	53.7	48.6	48.6
15°	46.9	47.8	49.5	58.9	65.7	69.1	69.1	66.5	59.7	47.8	46.9
17.5°	52.9	55.4	59.7	64.8	69.9	74.2	73.4	69.9	59.7	50.3	47.8
20°	59.7	63.1	71.7	72.5	75.1	77.6	77.6	71.7	58.9	50.3	48.6
22.5°	69.1	73.4	80.2	79.3	78.5	81.0	82.7	75.1	59.7	52.0	50.3
25°	81.0	83.6	87.9	86.2	85.3	83.6	87.0	80.2	66.5	58.0	57.2
27.5°	91.3	93.0	95.5	93.0	91.3	88.7	90.4	85.3	71.7	64.0	63.1
30°	99.8	100.7	104.9	100.7	96.4	93.0	94.7	89.6	75.9	69.9	69.1
32.5°	108.3	110.0	110.9	106.6	100.7	97.2	98.1	91.3	79.3	75.1	73.4
35°	116.9	117.7	117.7	113.4	105.8	101.5	100.7	94.7	82.7	79.3	77.6
37.5°	125.4	126.2	126.2	120.3	111.7	106.6	104.9	97.2	87.0	83.6	82.7
40°	138.2	136.5	136.5	128.0	118.6	112.6	109.2	100.7	91.3	89.6	88.7
42.5°	161.2	157.8	155.2	142.5	132.2	122.0	117.7	108.3	99.8	98.1	96.4
45°	203.9	195.3	191.9	168.0	153.5	146.7	140.7	128.8	120.3	116.9	116.0
47.5°	247.4	226.0	226.0	190.2	170.6	163.8	156.1	143.3	133.9	130.5	129.7
50°	286.6	255.9	255.0	210.7	185.1	180.0	172.3	160.4	151.0	146.7	146.7
52.5°	314.8	277.2	275.5	222.6	193.6	191.1	180.8	168.9	159.5	156.1	155.2
55°	327.6	283.2	283.2	227.8	197.0	194.5	185.1	173.2	163.8	162.1	161.2
57.5°	329.3	278.1	278.1	226.9	192.8	191.9	180.8	168.9	163.8	162.1	162.1
60°	324.1	269.5	269.5	219.2	186.0	186.0	174.0	163.8	161.2	159.5	159.5
61°	*321.6*	*265.3*	*265.3*	*215.0*	*182.5*	*182.5*	*170.6*	*161.2*	*159.5*	*157.8*	*157.8*
62.5°	315.6	257.6	256.8	207.3	175.7	177.4	165.5	157.0	156.1	153.5	154.4
65°	294.3	237.1	236.3	190.2	160.4	163.8	152.7	147.6	145.9	145.0	145.0
67.5°	267.0	213.2	210.7	169.7	142.5	145.9	137.3	133.9	133.9	133.9	133.9
70°	234.6	185.1	182.5	145.0	122.0	127.1	118.6	118.6	120.3	120.3	120.3
72.5°	197.9	152.7	150.1	118.6	98.1	105.8	99.8	103.2	104.1	104.1	104.9
75°	155.2	117.7	115.2	89.6	75.1	81.9	79.3	83.6	85.3	86.2	86.2
77.5°	108.3	81.9	78.5	60.6	52.0	59.7	58.0	63.1	65.7	66.5	67.4
80°	60.6	48.6	45.2	35.8	31.6	38.4	37.5	41.8	45.2	46.9	46.9
82.5°	23.9	22.2	20.5	17.1	15.4	19.6	17.9	22.2	25.6	27.3	27.3
85°	6.0	6.8	8.5	6.8	6.8	6.8	6.0	7.7	10.2	11.1	11.1
87.5°	2.6	2.6	5.1	4.3	4.3	5.1	2.6	5.1	7.7	7.7	8.5
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: SP1-2509-539-7

Test Date: 04/15/2026

Luminaire Tested: Luxscape Bollard

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

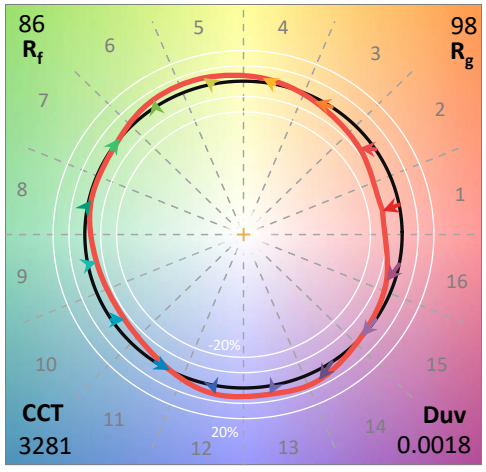
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-7
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-C1-835-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	3281
CIE u':	0.2408
CIE v':	0.5181
Duv:	0.0018
CIE x:	0.4204
CIE y:	0.4020
CIE z:	0.1776
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	581
Purity:	46.84629
Rf:	85.8
Rg:	97.6

CRI (Ra):	83.9				
R1:	82.0	R9:	9.4
R2:	89.5	R10:	76.7
R3:	96.9	R11:	85.1
R4:	84.3	R12:	73.1
R5:	82.6	R13:	83.6
R6:	87.7	R14:	98.3
R7:	85.4	R15:	74.0
R8:	62.6		



Test Conditions

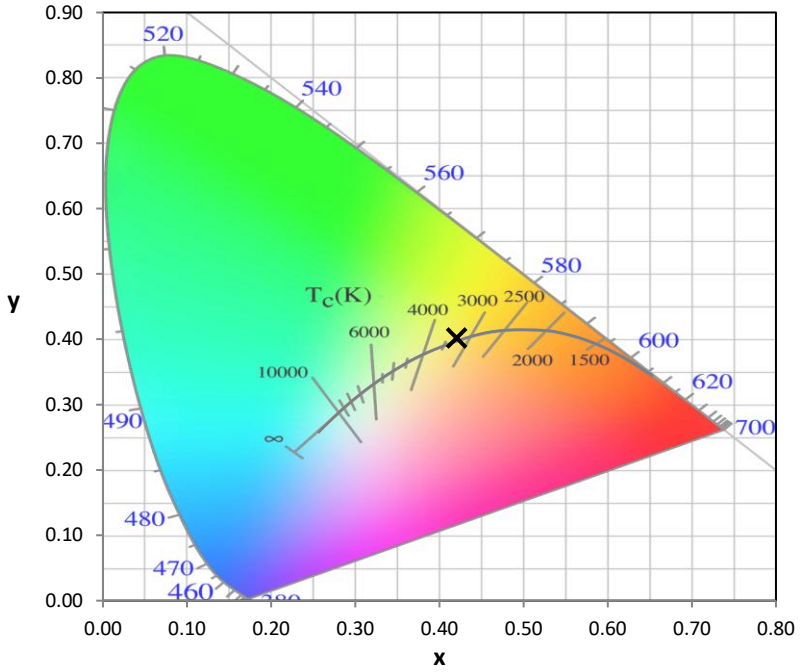
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

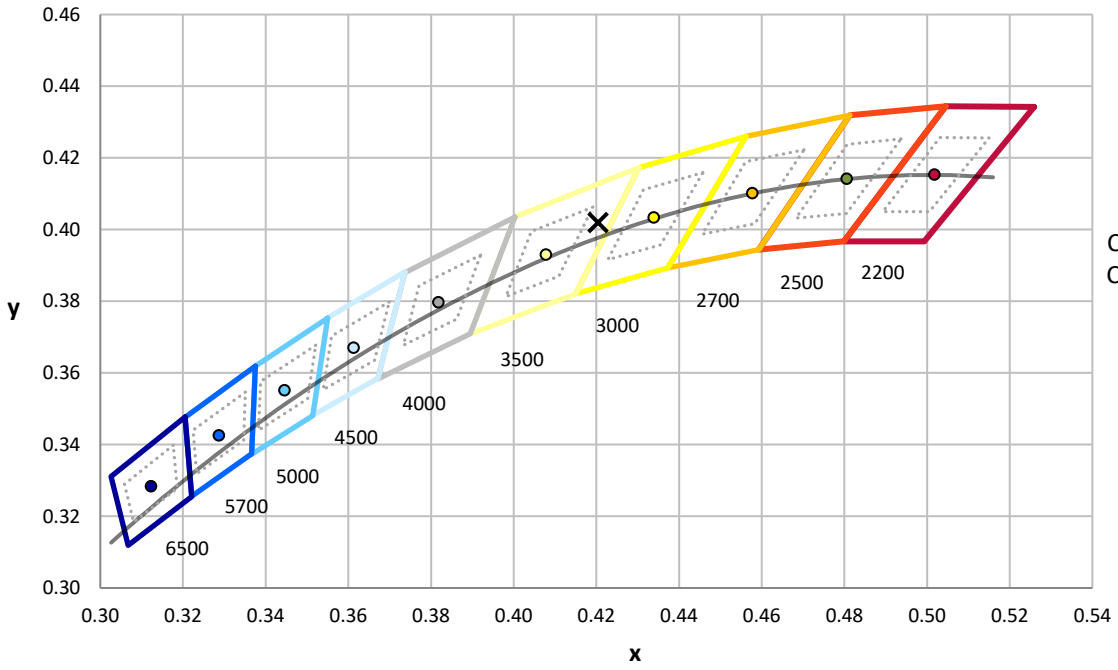
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-7

CIE 1931 Chromaticity Diagram



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

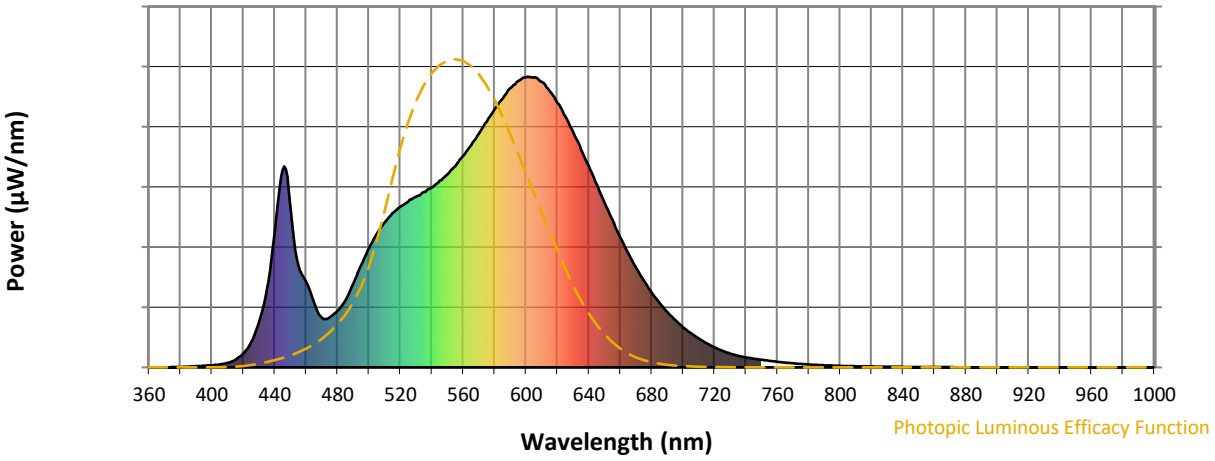


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-7

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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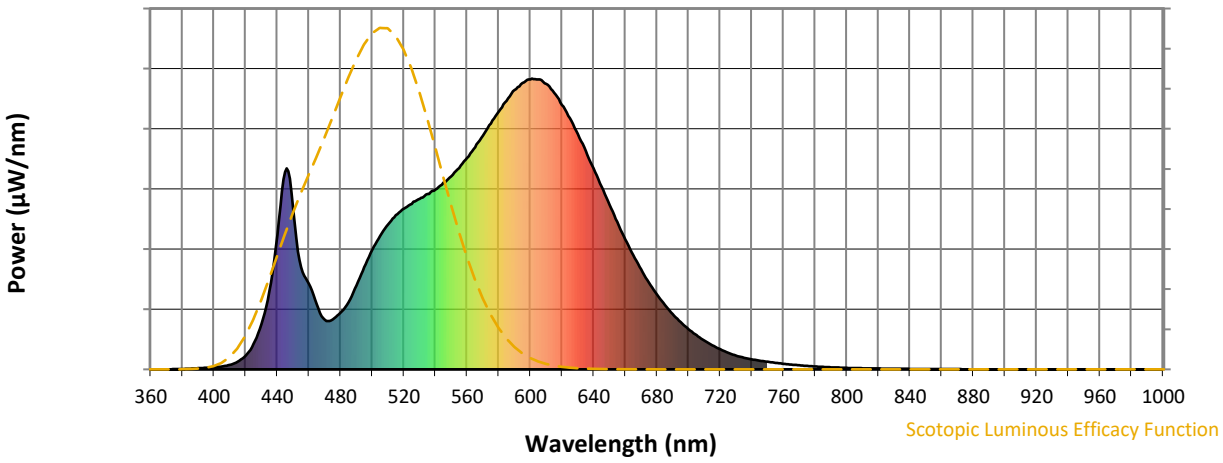
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.44**

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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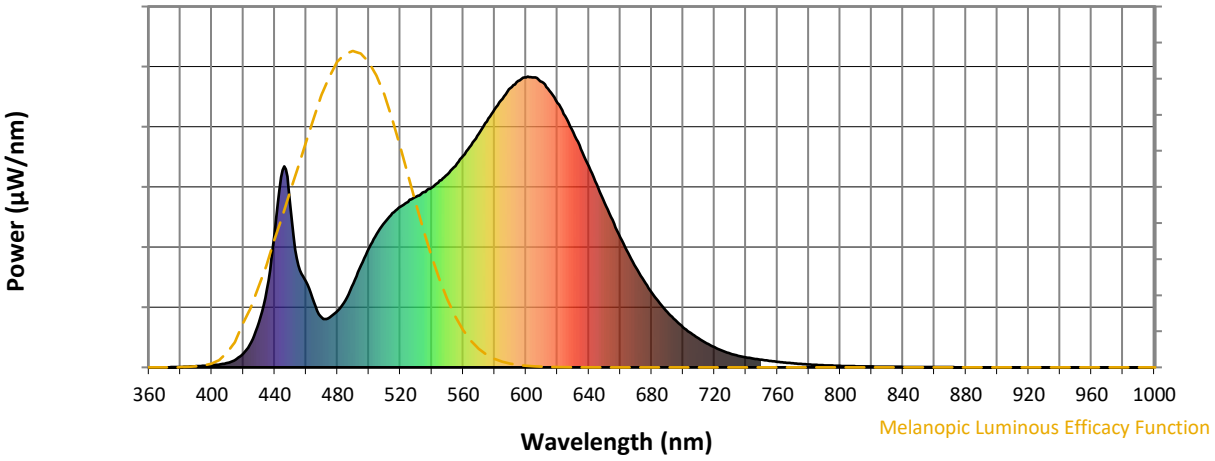
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.79**

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	288	NR	620	909	NR	750	26	NR	880	0	NR
365	0	NR	495	351	NR	625	864	NR	755	22	NR	885	0	NR
370	0	NR	500	411	NR	630	809	NR	760	19	NR	890	0	NR
375	1	NR	505	459	NR	635	750	NR	765	16	NR	895	0	NR
380	2	NR	510	498	NR	640	691	NR	770	14	NR	900	0	NR
385	3	NR	515	530	NR	645	629	NR	775	12	NR	905	0	NR
390	4	NR	520	553	NR	650	566	NR	780	10	NR	910	0	NR
395	5	NR	525	569	NR	655	507	NR	785	8	NR	915	0	NR
400	7	NR	530	586	NR	660	447	NR	790	7	NR	920	0	NR
405	10	NR	535	603	NR	665	393	NR	795	6	NR	925	0	NR
410	16	NR	540	619	NR	670	343	NR	800	5	NR	930	0	NR
415	27	NR	545	642	NR	675	298	NR	805	4	NR	935	0	NR
420	48	NR	550	663	NR	680	257	NR	810	4	NR	940	0	NR
425	87	NR	555	692	NR	685	221	NR	815	3	NR	945	0	NR
430	155	NR	560	728	NR	690	190	NR	820	3	NR	950	0	NR
435	270	NR	565	763	NR	695	163	NR	825	2	NR	955	0	NR
440	462	NR	570	804	NR	700	138	NR	830	2	NR	960	0	NR
445	679	NR	575	845	NR	705	117	NR	835	2	NR	965	0	NR
450	553	NR	580	886	NR	710	99	NR	840	2	NR	970	0	NR
455	351	NR	585	924	NR	715	82	NR	845	1	NR	975	0	NR
460	295	NR	590	960	NR	720	69	NR	850	1	NR	980	0	NR
465	223	NR	595	985	NR	725	57	NR	855	1	NR	985	0	NR
470	170	NR	600	997	NR	730	47	NR	860	1	NR	990	0	NR
475	171	NR	605	997	NR	735	40	NR	865	1	NR	995	0	NR
480	195	NR	610	982	NR	740	34	NR	870	1	NR	1000	0	NR
485	230	NR	615	951	NR	745	30	NR	875	1	NR			

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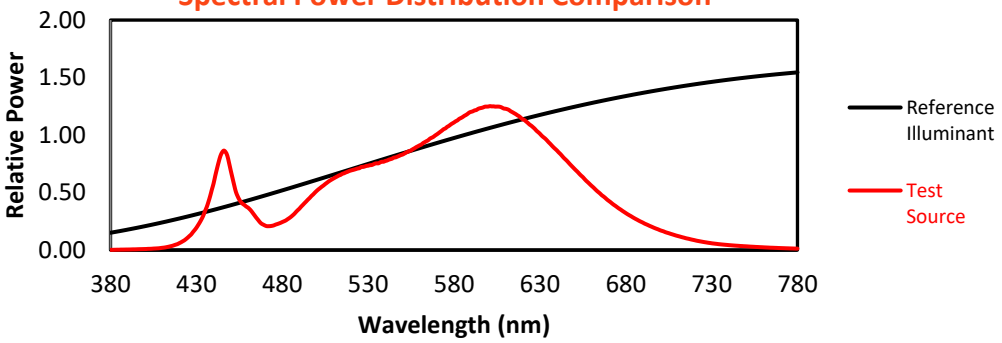
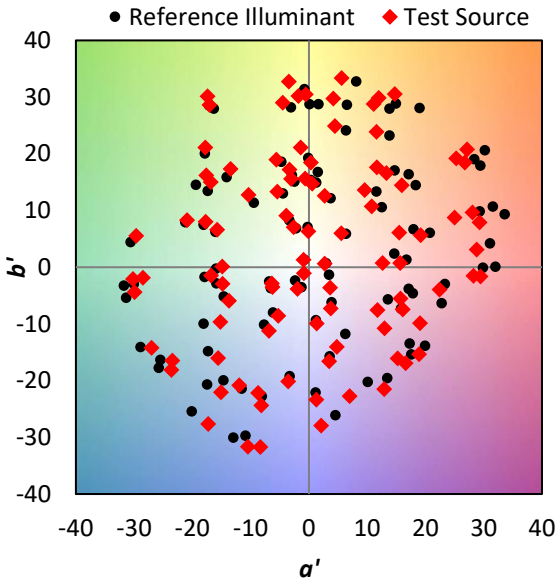
Summary

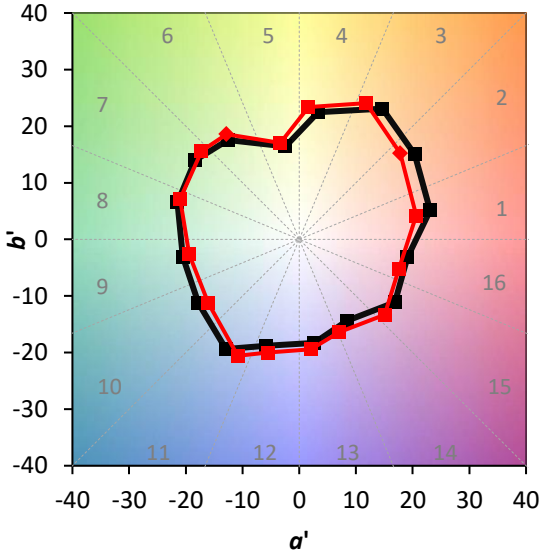
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

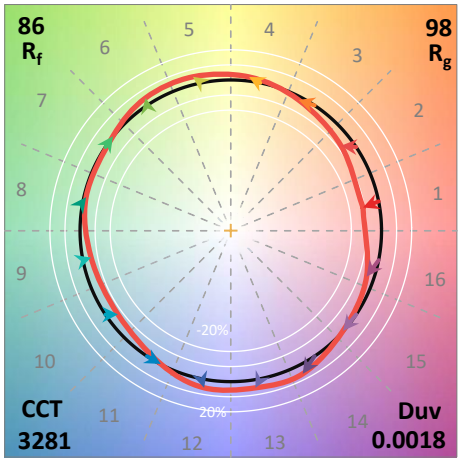
Spectral Power Distribution Comparison

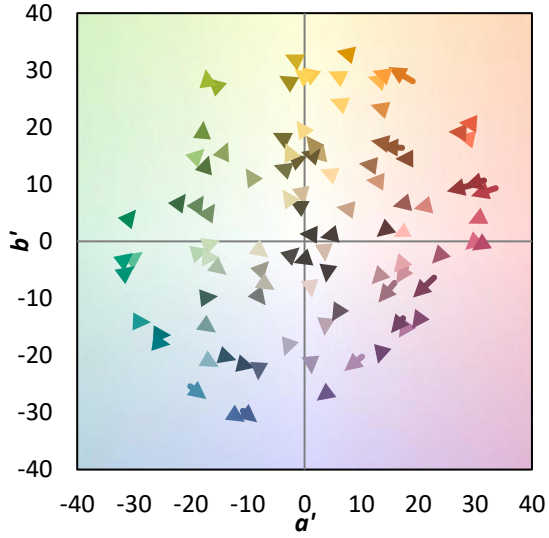


Color Vector Graphics









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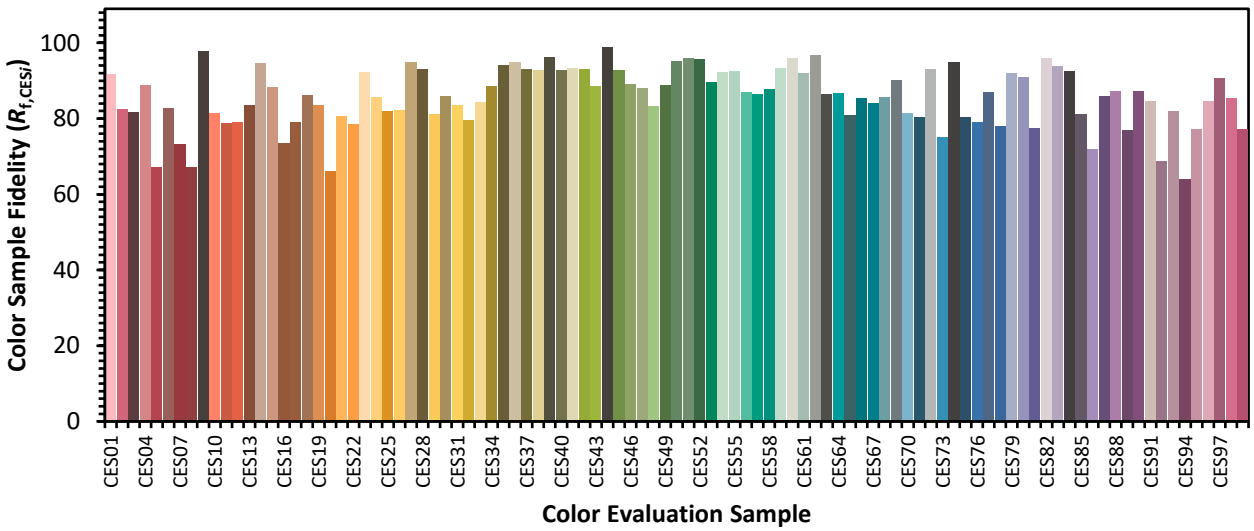
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 82	CES51 = 96	CES76 = 79
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 78
CES04 = 70	CES29 = 81	CES54 = 92	CES79 = 92
CES05 = 49	CES30 = 86	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 77
CES07 = 42	CES32 = 80	CES57 = 86	CES82 = 96
CES08 = 40	CES33 = 84	CES58 = 88	CES83 = 94
CES09 = 29	CES34 = 89	CES59 = 93	CES84 = 93
CES10 = 75	CES35 = 94	CES60 = 96	CES85 = 81
CES11 = 58	CES36 = 95	CES61 = 92	CES86 = 72
CES12 = 64	CES37 = 93	CES62 = 97	CES87 = 86
CES13 = 43	CES38 = 93	CES63 = 87	CES88 = 87
CES14 = 74	CES39 = 96	CES64 = 87	CES89 = 77
CES15 = 71	CES40 = 93	CES65 = 81	CES90 = 87
CES16 = 47	CES41 = 93	CES66 = 85	CES91 = 85
CES17 = 50	CES42 = 93	CES67 = 84	CES92 = 69
CES18 = 56	CES43 = 89	CES68 = 86	CES93 = 82
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 93	CES70 = 81	CES95 = 77
CES21 = 86	CES46 = 89	CES71 = 80	CES96 = 85
CES22 = 79	CES47 = 88	CES72 = 93	CES97 = 91
CES23 = 92	CES48 = 83	CES73 = 75	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 80	



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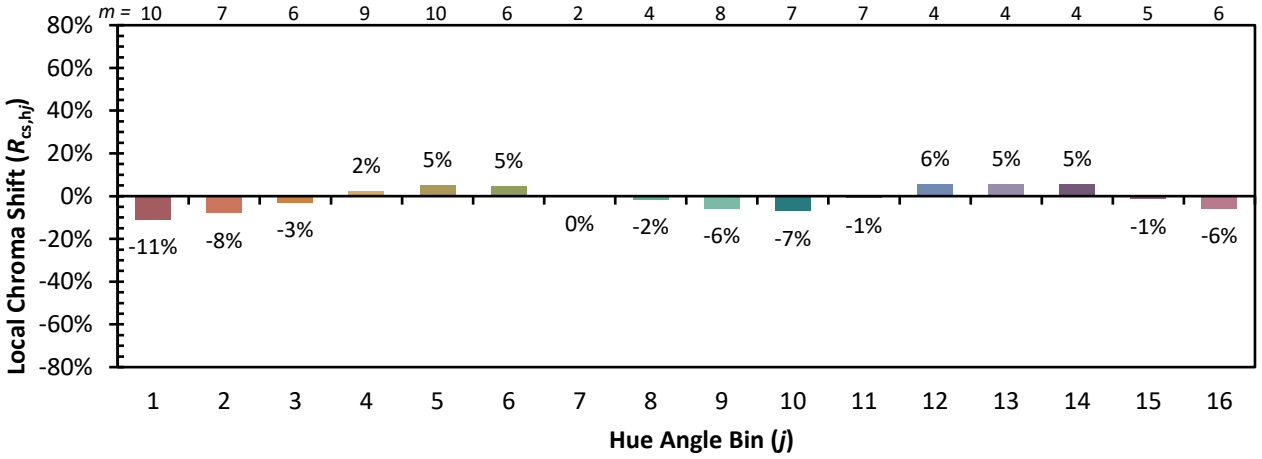
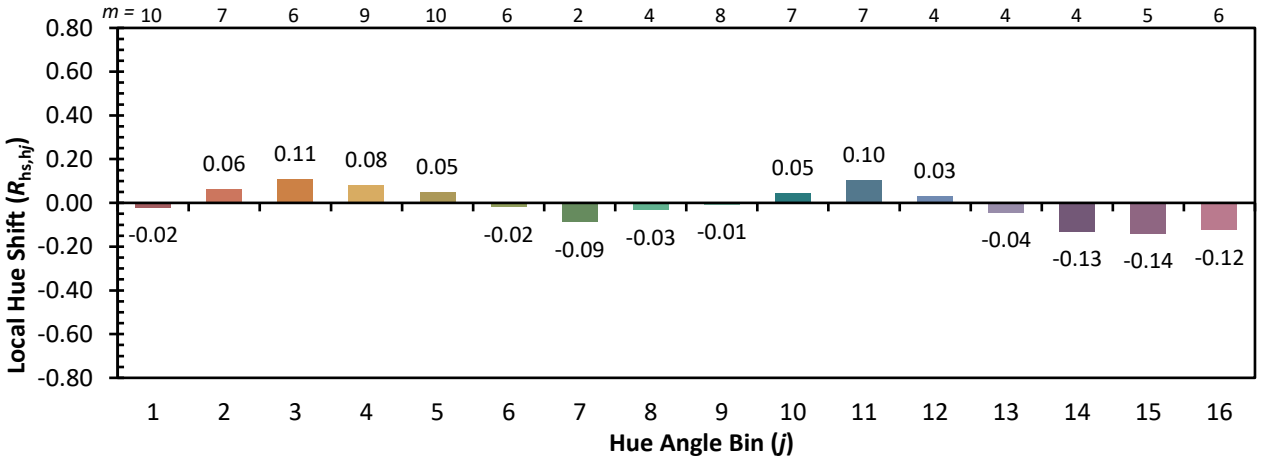
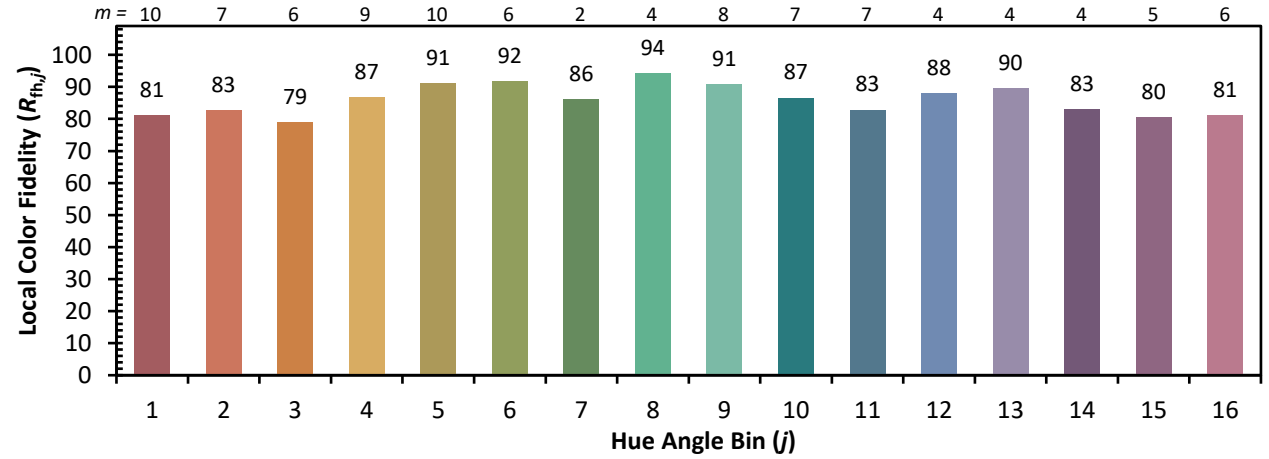
Color Rendition by Hue-Angle Bin







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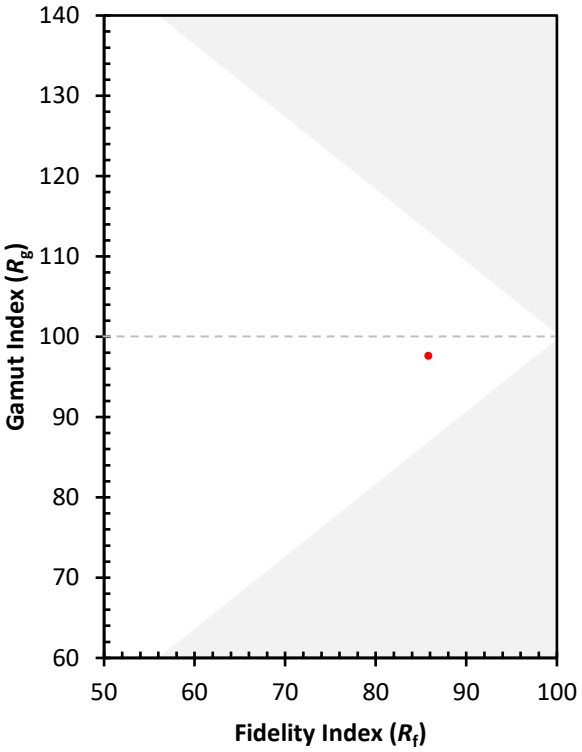
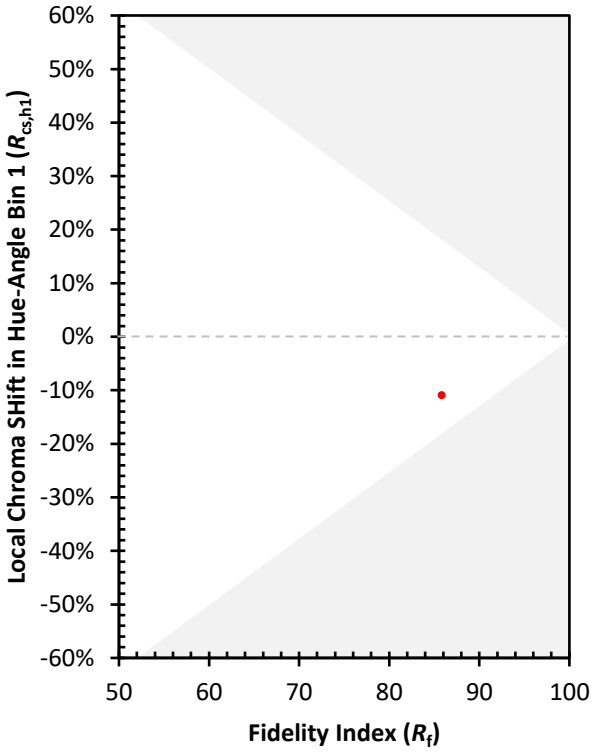
Measure Comparisons





(END OF REPORT)