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: P1442109

Luminaire Tested: LXB-C2-835-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:	P1442109
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-27)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C2-835-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:	914.4 lumens
Efficiency:	N/A
Efficacy:	48.1 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	19
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.991
Total Harmonic Distortion (THDi):	0.090488
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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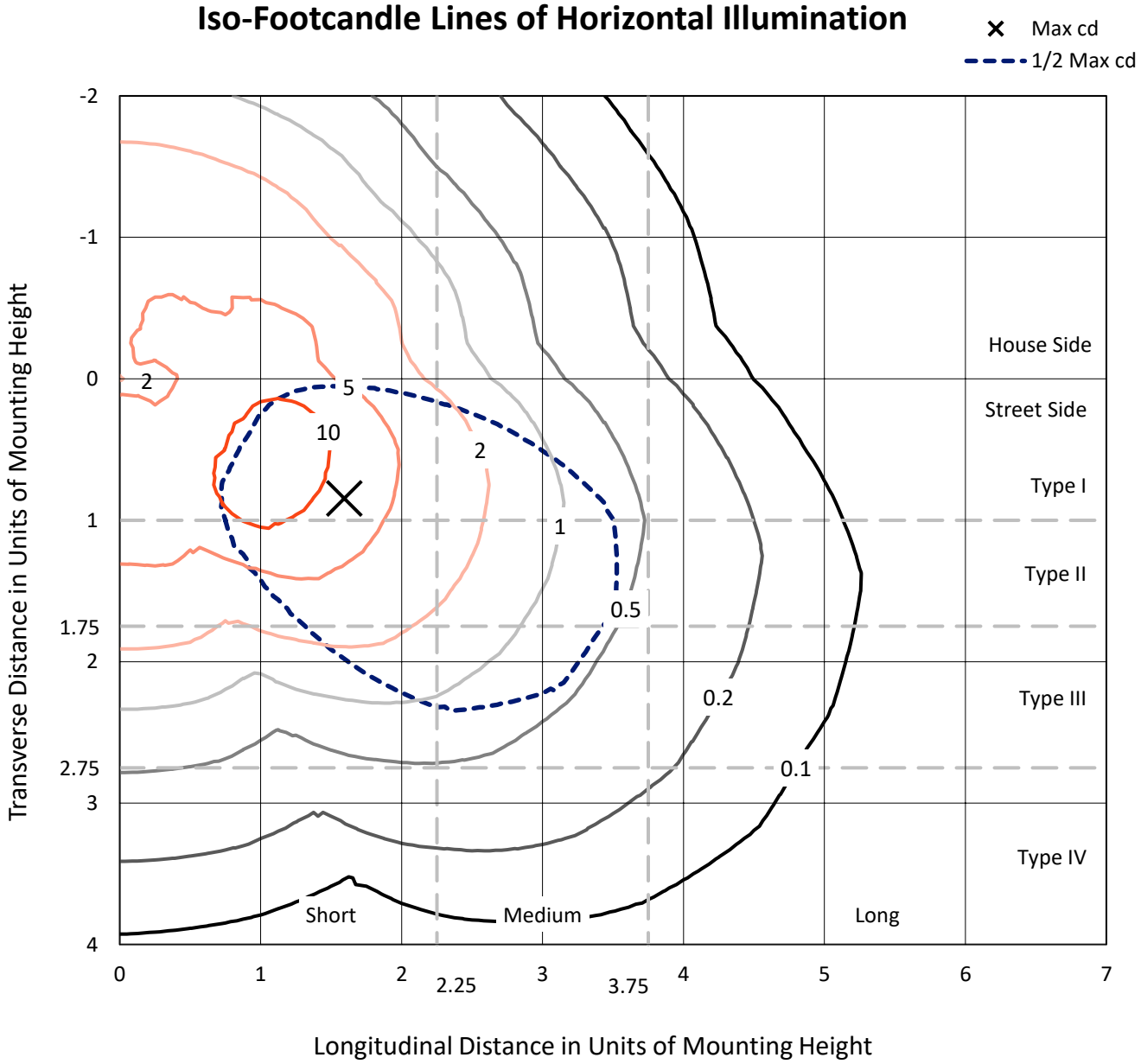
REPORT NUMBER: P1442109
CATALOG NUMBER: LXB-C2-835-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 14.7 fc
Type III - Short - N/A

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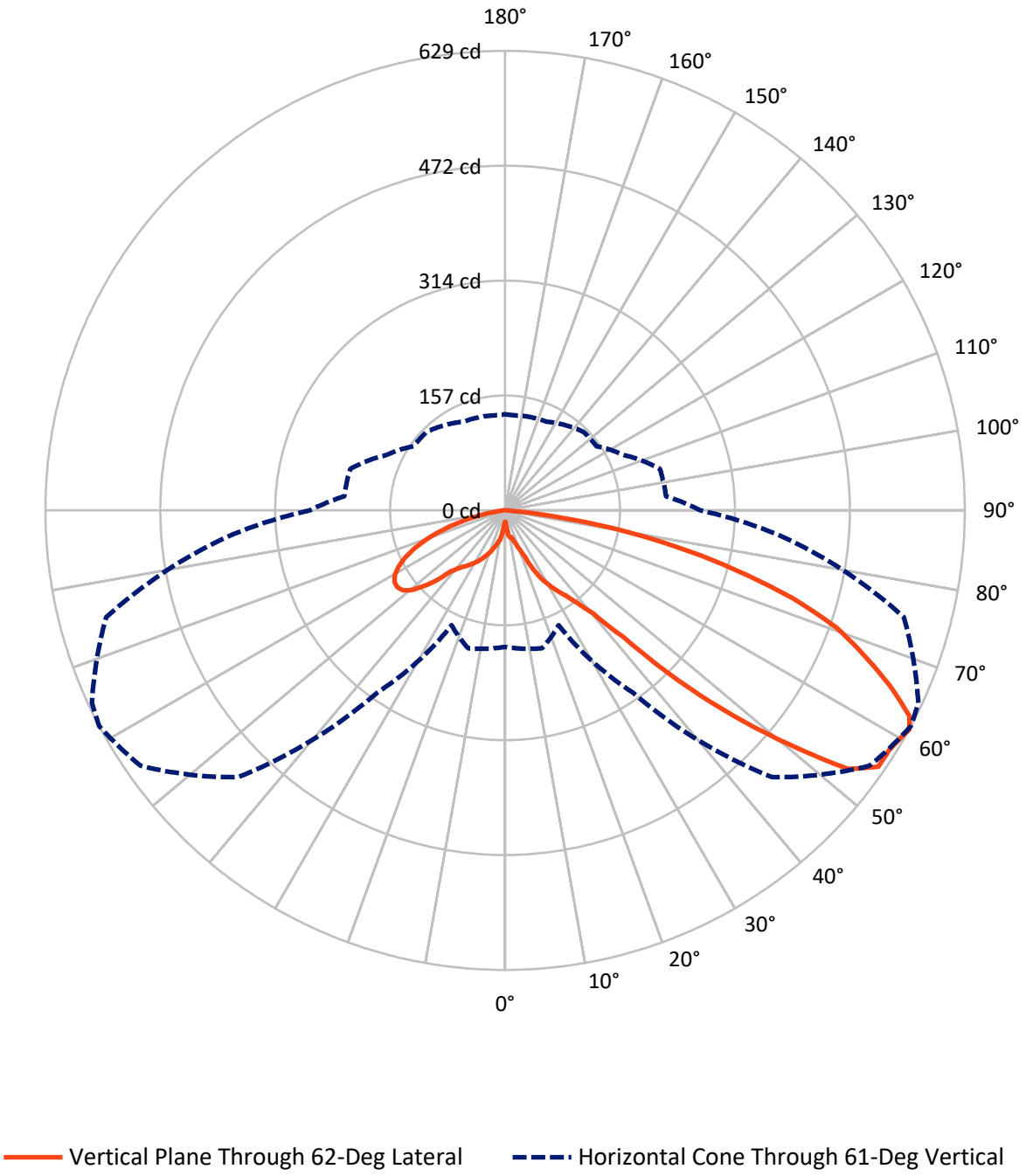
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442109
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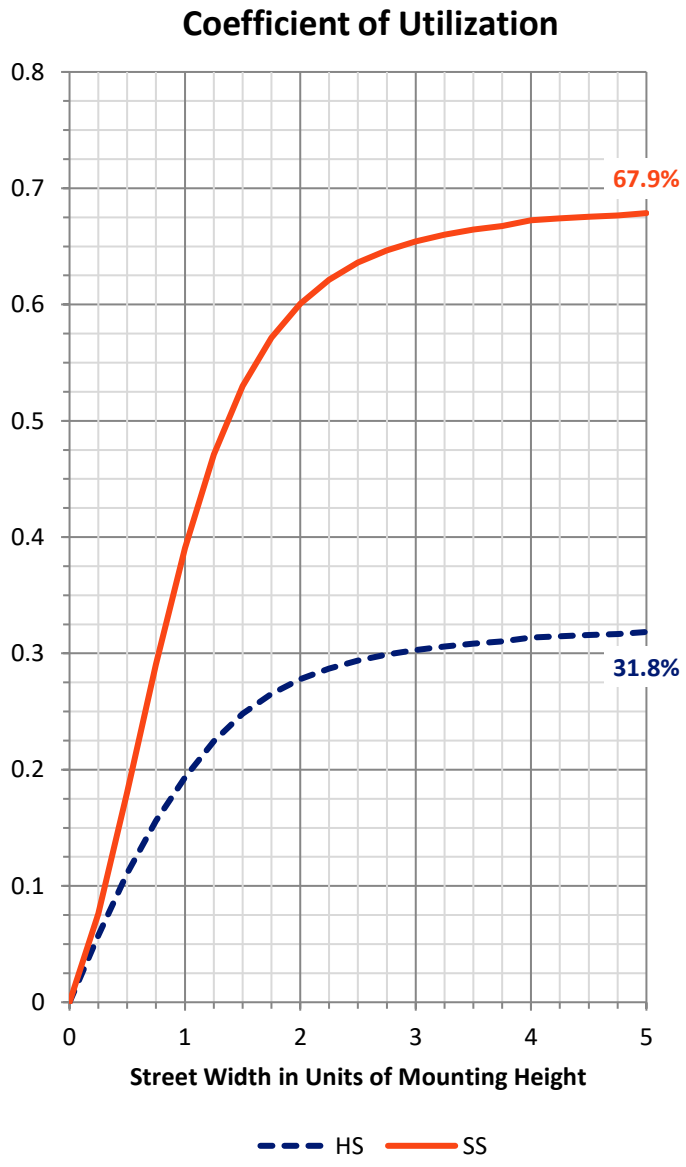
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	292.8	0.0	292.8
	% Fixture	32.0	0.0	32.0
Street Side	Lumens	621.5	0.0	621.5
	% Fixture	68.0	0.0	68.0
Total	Lumens	914.4	0.0	914.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.3
10°-20°	15.3	1.7
20°-30°	35.8	3.9
30°-40°	66.3	7.2
40°-50°	141.5	15.5
50°-60°	248.6	27.2
60°-70°	246.4	26.9
70°-80°	139.7	15.3
80°-90°	17.7	1.9
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°	914.4	100.0
0°-180°	914.4	100.0



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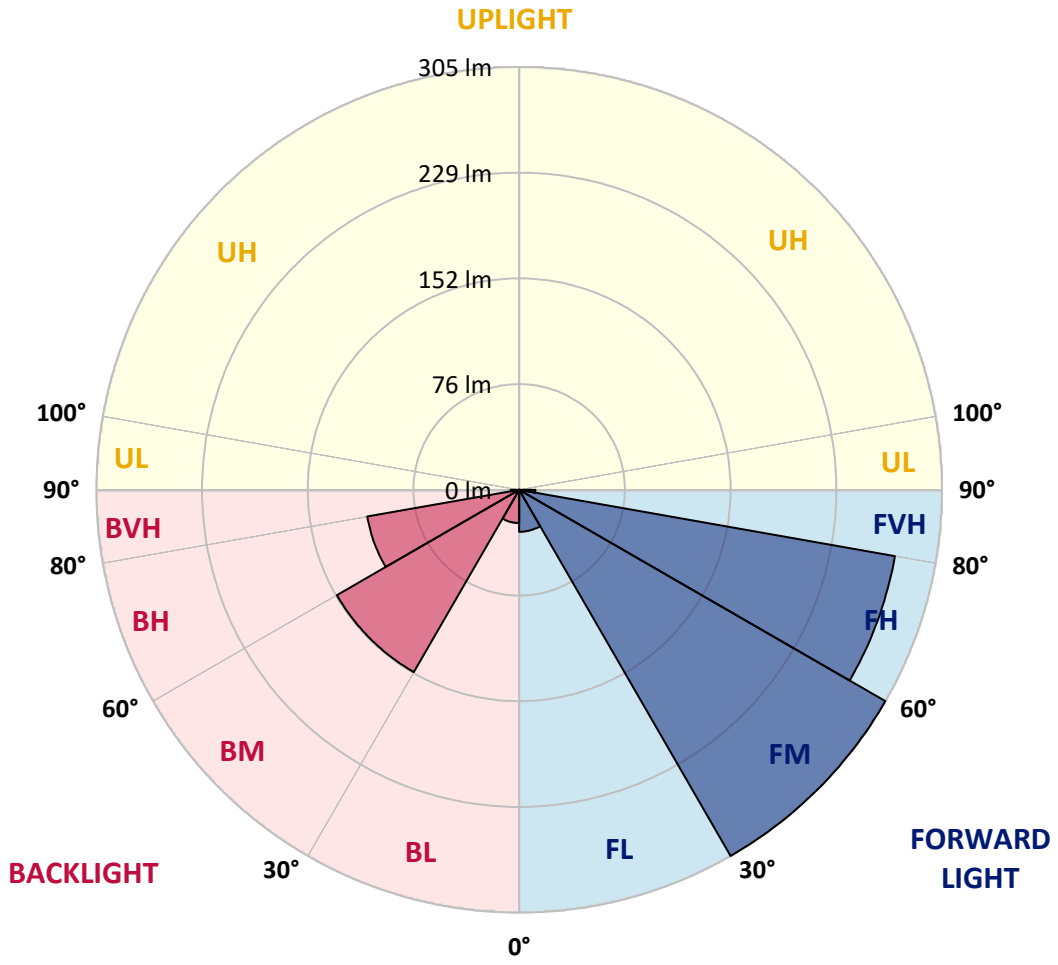
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	30.2	3.3			
FM	(30°-60°)	304.7	33.3			
FH	(60°-80°)	274.9	30.1			G0/660
FVH	(80°-90°)	11.7	1.3			G1/100
BL	(0°-30°)	24.0	2.6	B0/110		
BM	(30°-60°)	151.7	16.6	B0/220		
BH	(60°-80°)	111.2	12.2	B1/500		G1/500
BVH	(80°-90°)	6.1	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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REPORT NUMBER: P1442109
CATALOG NUMBER: LXB-C2-835-X-U-A-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	*15.4*	15.4	15.4	15.4
2.5°	18.8	18.8	19.6	20.5	18.8	17.9	17.9	*17.9*	17.9	16.2	16.2
5°	31.6	32.4	33.3	29.9	29.9	30.7	26.4	*25.6*	23.9	23.0	20.5
7.5°	51.2	47.8	53.7	49.5	44.4	40.1	36.7	*35.0*	34.1	31.6	30.7
10°	62.3	65.7	59.7	58.0	55.4	47.8	41.8	*37.5*	36.7	35.0	32.4
12.5°	73.4	68.2	67.4	67.4	59.7	51.2	42.6	*37.5*	36.7	35.0	33.3
15°	76.8	78.5	77.6	73.4	65.7	53.7	45.2	*41.8*	40.1	37.5	39.2
17.5°	85.3	85.3	85.3	75.1	68.2	57.2	51.2	*48.6*	47.8	43.5	44.4
20°	93.0	93.0	93.0	78.5	71.7	64.0	59.7	*57.2*	56.3	52.0	48.6
22.5°	98.1	100.7	98.1	85.3	77.6	69.9	69.1	*68.2*	66.5	60.6	57.2
25°	104.9	105.8	102.4	88.7	83.6	80.2	87.9	*88.7*	87.0	71.7	68.2
27.5°	110.9	111.7	106.6	96.4	89.6	92.1	105.8	*105.8*	104.9	86.2	77.6
30°	116.9	116.9	111.7	100.7	94.7	105.8	117.7	*118.6*	117.7	104.9	87.0
32.5°	121.1	120.3	116.0	104.9	100.7	118.6	129.7	*131.4*	131.4	117.7	95.5
35°	124.5	124.5	120.3	108.3	106.6	129.7	142.5	*143.3*	143.3	131.4	104.9
37.5°	129.7	128.8	125.4	112.6	115.2	145.9	159.5	*161.2*	161.2	148.4	116.9
40°	135.6	133.9	131.4	119.4	126.2	166.3	180.8	*185.1*	183.4	170.6	132.2
42.5°	145.9	143.3	145.9	129.7	145.9	207.3	228.6	*236.3*	228.6	213.2	162.9
45°	169.7	168.0	174.0	157.0	186.0	290.9	327.6	*331.8*	331.0	296.8	214.1
47.5°	181.7	180.8	191.9	170.6	220.1	360.8	404.3	*418.8*	410.3	382.1	263.6
50°	197.0	196.2	209.0	188.5	262.7	435.0	493.0	*503.3*	501.6	459.8	310.5
52.5°	200.5	203.0	218.4	197.9	290.9	491.3	571.5	*587.7*	583.5	521.2	343.8
55°	203.0	206.4	218.4	196.2	302.8	518.6	606.5	*619.3*	615.9	554.4	365.9
57.5°	200.5	203.9	210.7	186.8	309.6	523.7	606.5	*619.3*	615.9	563.8	376.2
60°	191.9	194.5	200.5	177.4	306.2	518.6	605.6	*625.2*	619.3	564.7	376.2
61°	*186.8*	*189.4*	*195.3*	*173.2*	*303.7*	*516.1*	*609.0*	*628.7*	*623.5*	*564.7*	*372.8*
62.5°	179.1	180.8	185.1	163.8	295.1	507.5	604.8	*621.0*	619.3	557.0	364.2
65°	161.2	162.9	165.5	146.7	278.1	480.2	571.5	*578.3*	580.0	526.3	341.2
67.5°	141.6	142.5	144.2	128.0	256.8	441.9	520.3	*529.7*	528.0	483.7	313.1
70°	118.6	118.6	120.3	106.6	228.6	392.4	469.2	*481.1*	478.5	432.5	278.9
72.5°	93.0	93.8	93.8	85.3	192.8	333.5	401.8	*411.1*	412.9	371.9	234.6
75°	66.5	65.7	66.5	62.3	151.0	262.7	322.4	*325.8*	331.0	299.4	182.5
77.5°	42.6	42.6	40.9	40.9	106.6	188.5	237.1	*239.7*	244.0	219.2	125.4
80°	23.0	22.2	21.3	23.0	59.7	111.7	151.0	*151.0*	156.1	141.6	69.9
82.5°	11.1	10.2	9.4	10.2	20.5	35.8	63.1	*63.1*	68.2	59.7	23.9
85°	5.1	5.1	5.1	3.4	5.1	6.0	11.9	*11.1*	12.8	11.9	5.1
87.5°	3.4	3.4	3.4	1.7	3.4	4.3	5.1	*5.1*	5.1	5.1	3.4
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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Scaled Data Report

REPORT NUMBER: P1442109
CATALOG NUMBER: LXB-C2-835-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
2.5°	15.4	16.2	17.1	17.1	17.9	17.9	17.1	16.2	15.4	14.5	13.6
5°	20.5	19.6	19.6	23.9	23.9	25.6	26.4	26.4	24.7	23.9	23.9
7.5°	30.7	29.0	29.0	30.7	34.1	39.2	40.1	36.7	31.6	30.7	30.7
10°	32.4	31.6	33.3	37.5	47.8	49.5	49.5	44.4	40.9	39.2	38.4
12.5°	33.3	33.3	35.8	40.1	52.0	52.9	52.9	49.5	44.4	40.9	40.1
15°	39.2	39.2	40.9	47.8	54.6	57.2	57.2	55.4	49.5	39.2	39.2
17.5°	44.4	46.1	49.5	52.9	58.0	62.3	60.6	58.0	49.5	41.8	40.1
20°	49.5	52.9	59.7	59.7	61.4	64.8	64.0	59.7	49.5	41.8	40.9
22.5°	57.2	60.6	65.7	65.7	64.8	66.5	69.1	62.3	49.5	43.5	41.8
25°	67.4	69.1	72.5	70.8	70.8	69.9	72.5	67.4	56.3	48.6	47.8
27.5°	76.8	76.8	79.3	76.8	75.9	74.2	75.1	70.8	59.7	53.7	52.9
30°	83.6	83.6	87.0	82.7	79.3	77.6	78.5	74.2	63.1	58.0	57.2
32.5°	91.3	91.3	92.1	87.9	83.6	81.0	81.0	76.8	65.7	62.3	61.4
35°	98.1	98.1	98.1	93.8	87.0	84.4	83.6	78.5	69.1	65.7	64.8
37.5°	104.9	104.9	104.9	98.9	92.1	88.7	87.0	81.0	72.5	69.9	69.1
40°	115.2	114.3	113.4	105.8	98.1	93.8	90.4	84.4	76.8	75.1	74.2
42.5°	134.8	131.4	130.5	116.0	107.5	103.2	97.2	90.4	84.4	81.9	81.9
45°	173.2	162.1	162.1	139.0	126.2	123.7	116.9	107.5	101.5	98.1	98.1
47.5°	206.4	189.4	189.4	157.0	140.7	137.3	129.7	119.4	112.6	110.0	110.0
50°	238.0	213.2	213.2	174.0	153.5	150.1	142.5	133.9	126.2	122.8	123.7
52.5°	262.7	229.5	229.5	184.2	161.2	158.7	150.1	140.7	133.1	130.5	130.5
55°	273.0	235.4	235.4	188.5	163.8	162.1	153.5	144.2	136.5	134.8	133.9
57.5°	273.0	231.2	230.3	188.5	161.2	159.5	151.0	139.9	136.5	134.8	134.8
60°	268.7	223.5	222.6	183.4	155.2	153.5	145.9	135.6	133.9	132.2	132.2
61°	*267.0*	*220.9*	*219.2*	*179.1*	*152.7*	*151.8*	*142.5*	*133.9*	*132.2*	*130.5*	*131.4*
62.5°	261.0	215.0	211.5	173.2	147.6	146.7	138.2	130.5	128.8	127.1	127.1
65°	243.1	197.0	193.6	159.5	134.8	134.8	128.0	122.0	120.3	119.4	119.4
67.5°	220.1	176.6	171.5	142.5	120.3	120.3	115.2	110.9	110.0	110.0	110.0
70°	192.8	152.7	147.6	122.0	103.2	104.1	100.7	98.1	98.9	98.1	98.1
72.5°	162.1	126.2	120.3	98.9	84.4	87.0	84.4	85.3	85.3	85.3	85.3
75°	126.2	95.5	91.3	75.1	64.8	66.5	67.4	69.9	70.8	69.9	69.9
77.5°	87.0	65.7	60.6	51.2	46.1	48.6	49.5	52.0	53.7	53.7	52.9
80°	49.5	38.4	34.1	29.9	28.1	30.7	32.4	35.0	36.7	36.7	36.7
82.5°	18.8	16.2	15.4	14.5	14.5	15.4	16.2	18.8	20.5	21.3	20.5
85°	5.1	5.1	6.0	6.0	6.0	6.0	5.1	6.0	8.5	8.5	8.5
87.5°	1.7	2.6	3.4	4.3	4.3	4.3	2.6	4.3	6.0	6.8	6.8
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

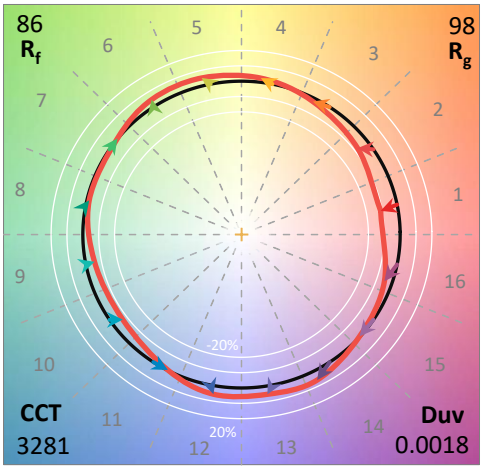
Test Information

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



Test Conditions

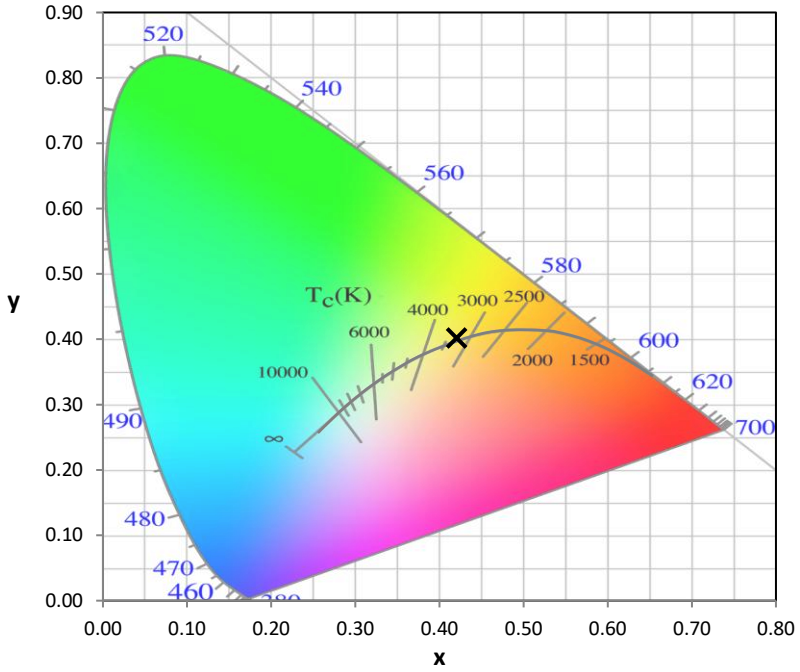
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

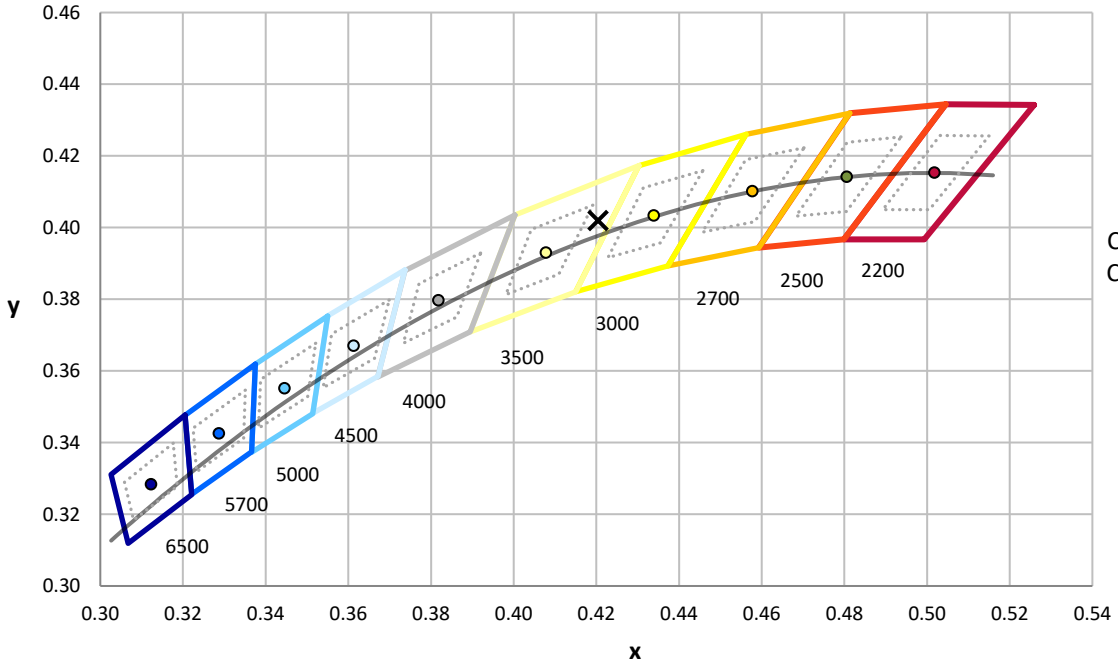
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

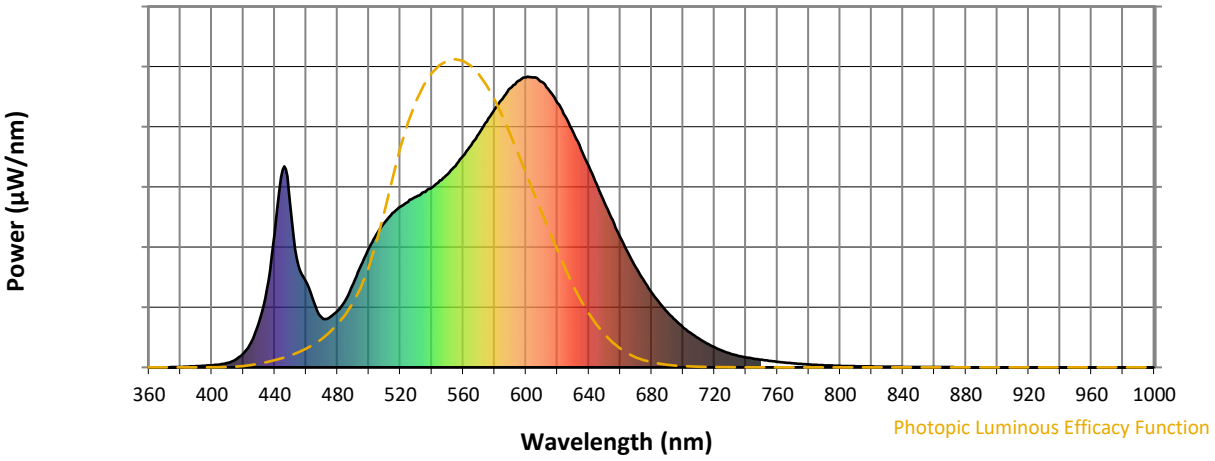


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

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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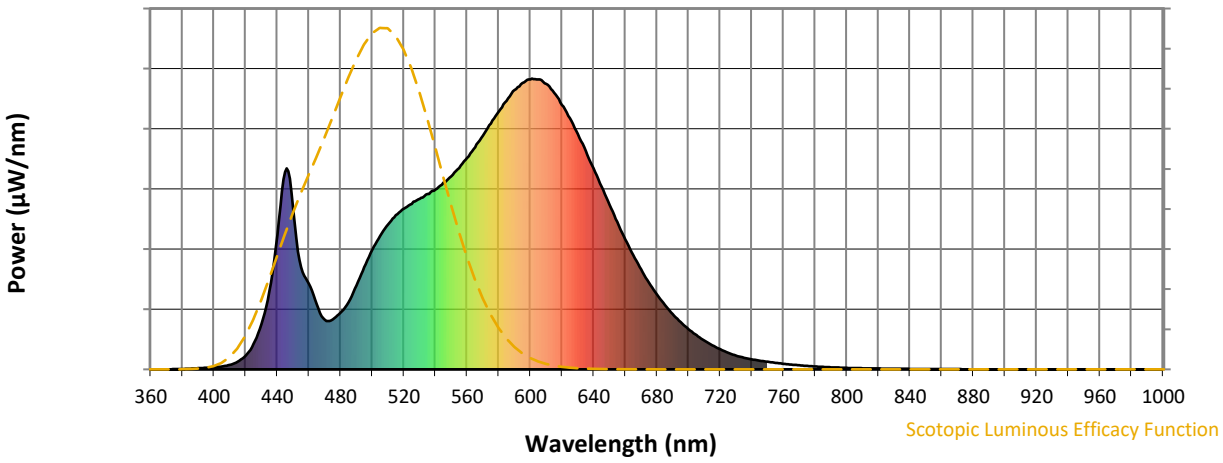
Scotopic Flux vs. Wavelength



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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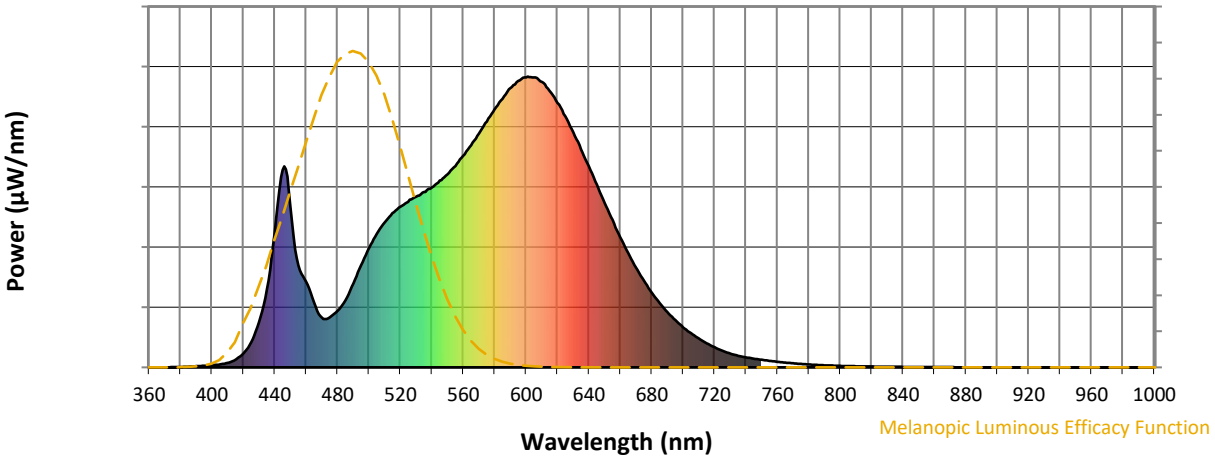
Melanopic Flux vs. Wavelength



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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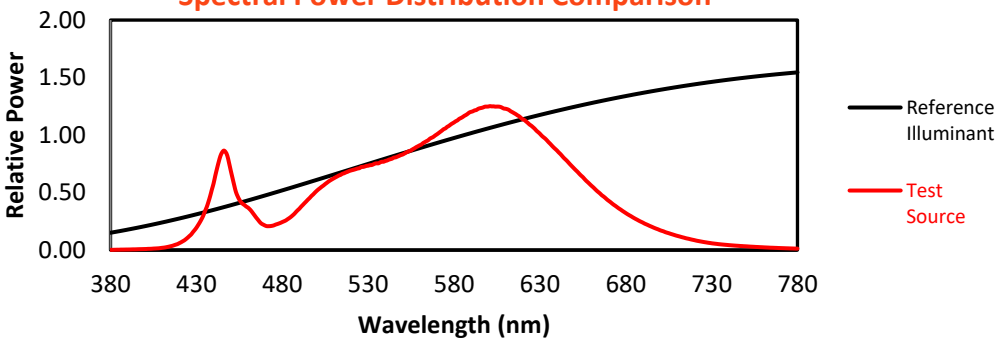
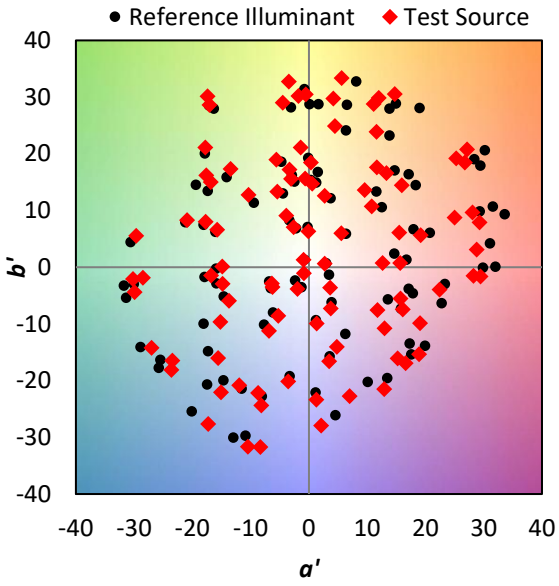
Summary

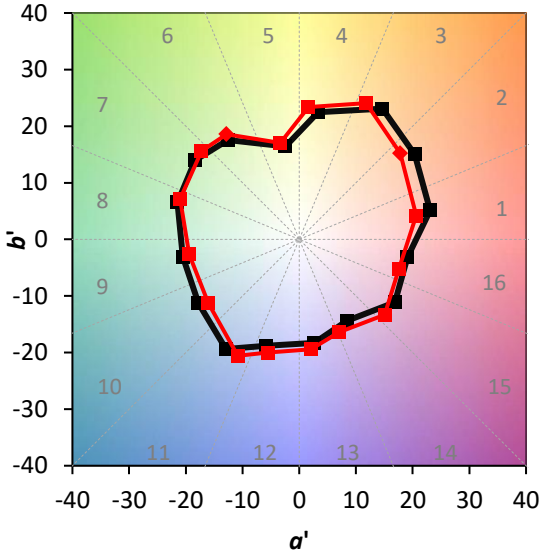
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

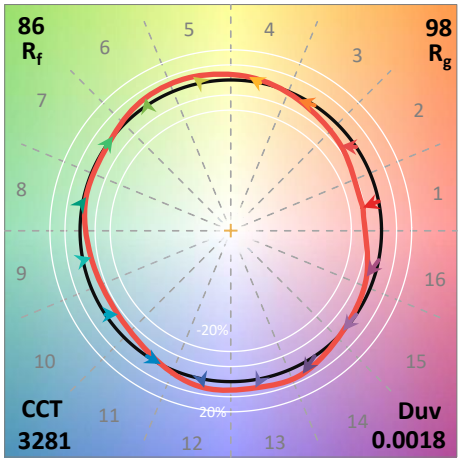
Spectral Power Distribution Comparison

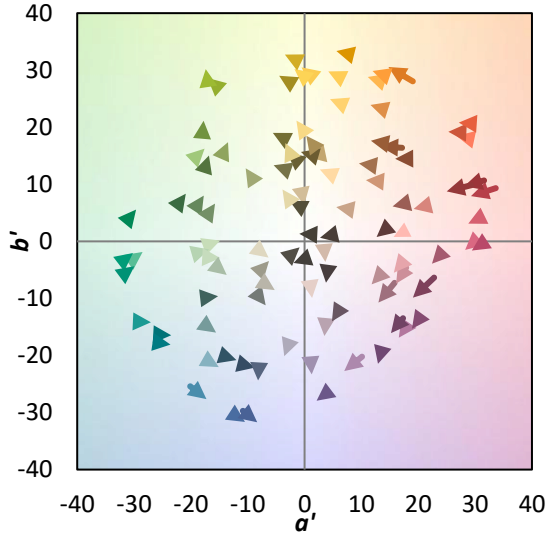


Color Vector Graphics









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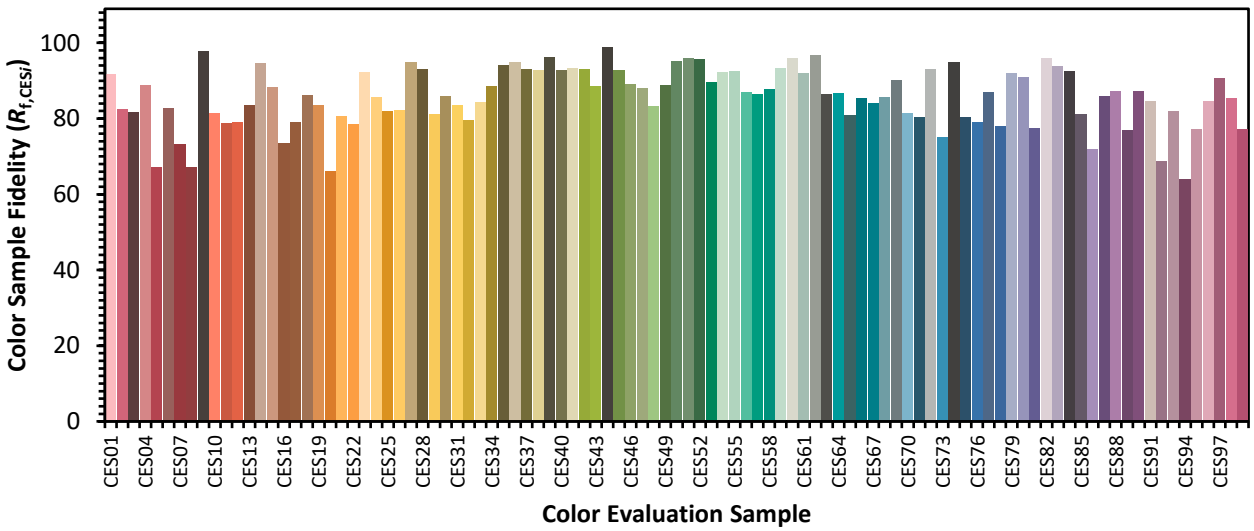
Individual Sample Fidelity Index ($R_{f,i}$)

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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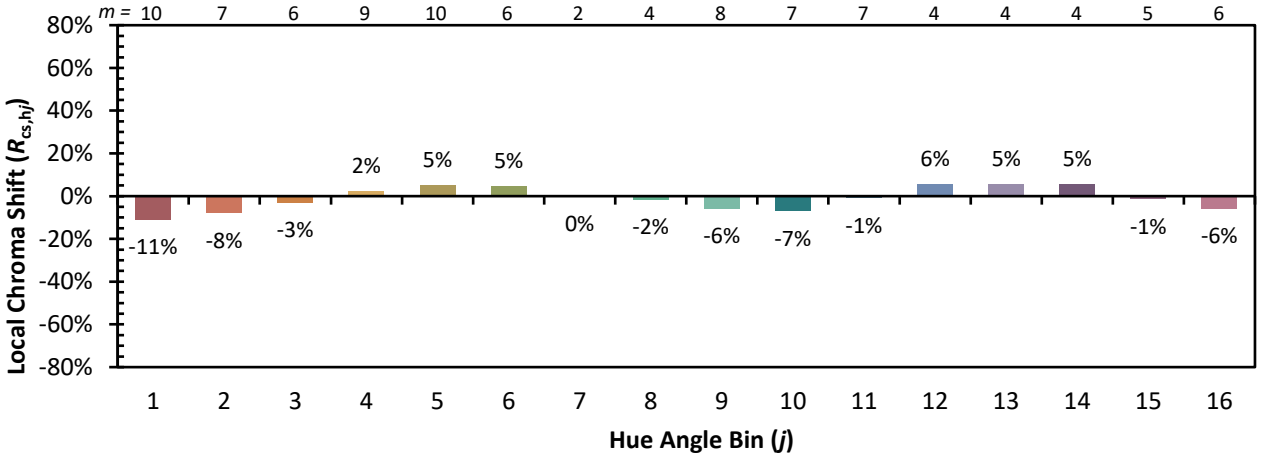
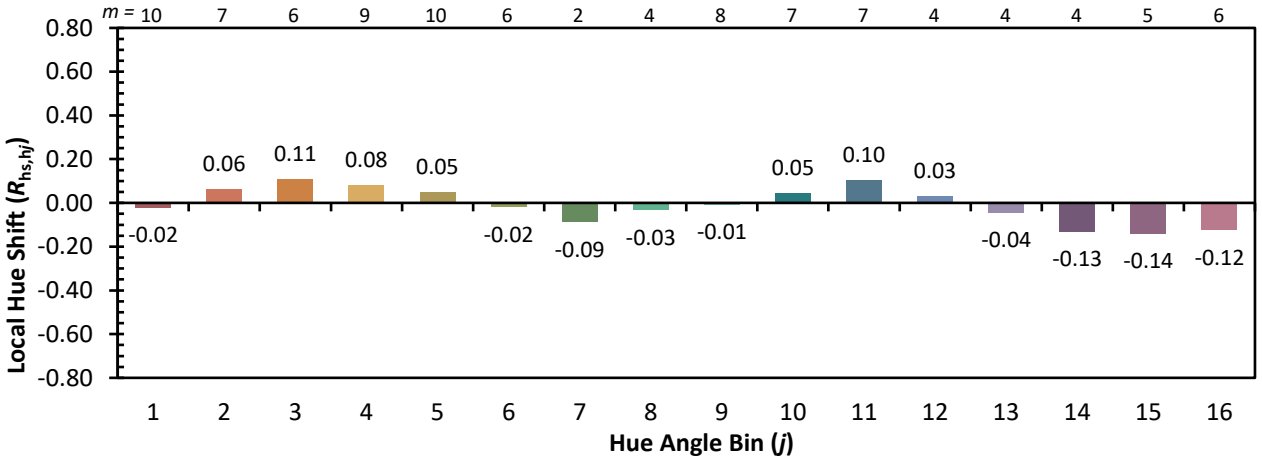
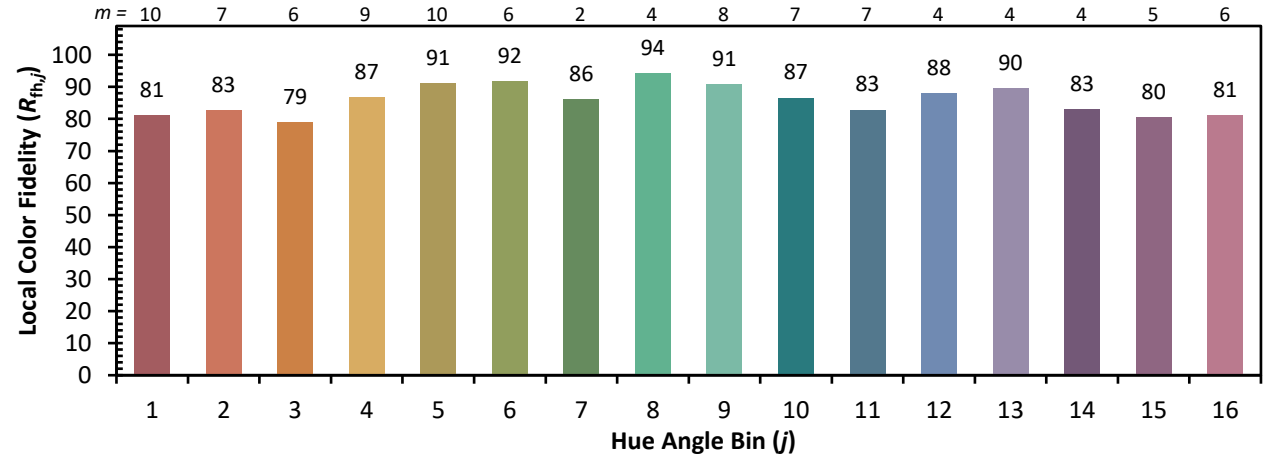
Color Rendition by Hue-Angle Bin







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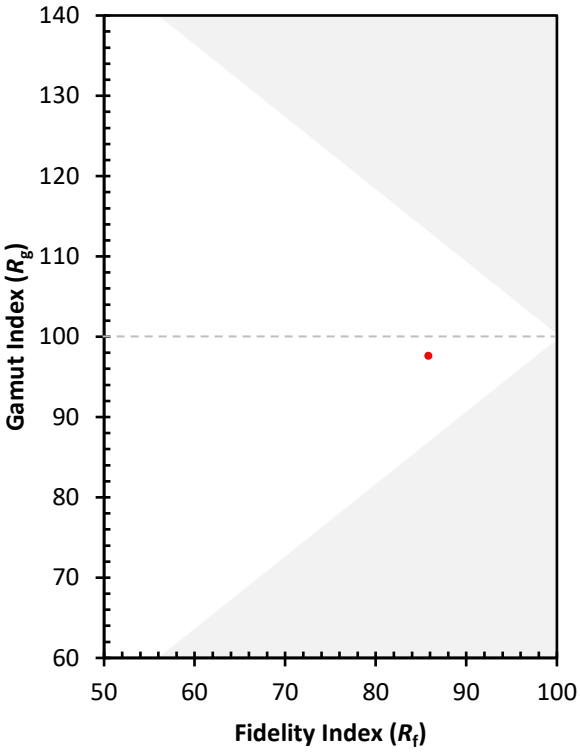
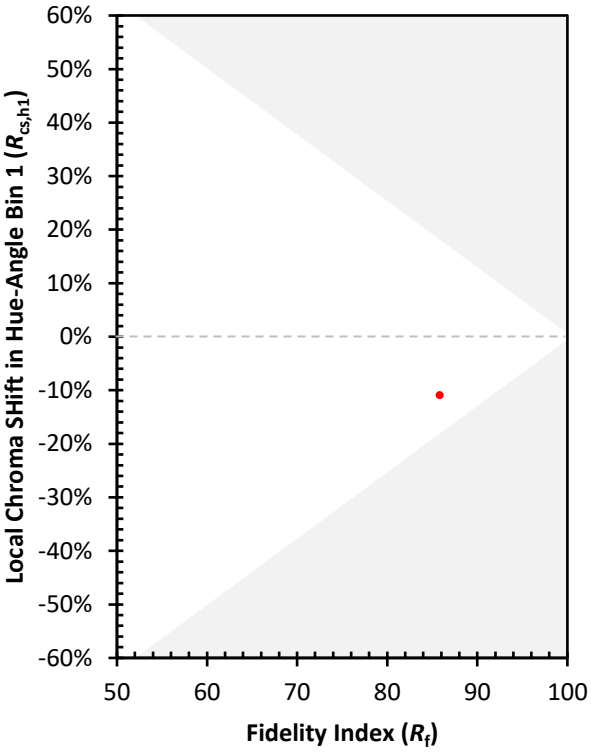
Measure Comparisons





(END OF REPORT)