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: P1442085

Luminaire Tested: ABW-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:	P1442085
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-32)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	ABW-C3-835-X-U-A-GM
Description:	ARBOR OUTDOOR ARCHITECTURAL WALL MOUNT LUMINAIRE
	ASYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	936.5 lumens
Efficiency:	N/A
Efficacy:	39.5 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):	0.130909
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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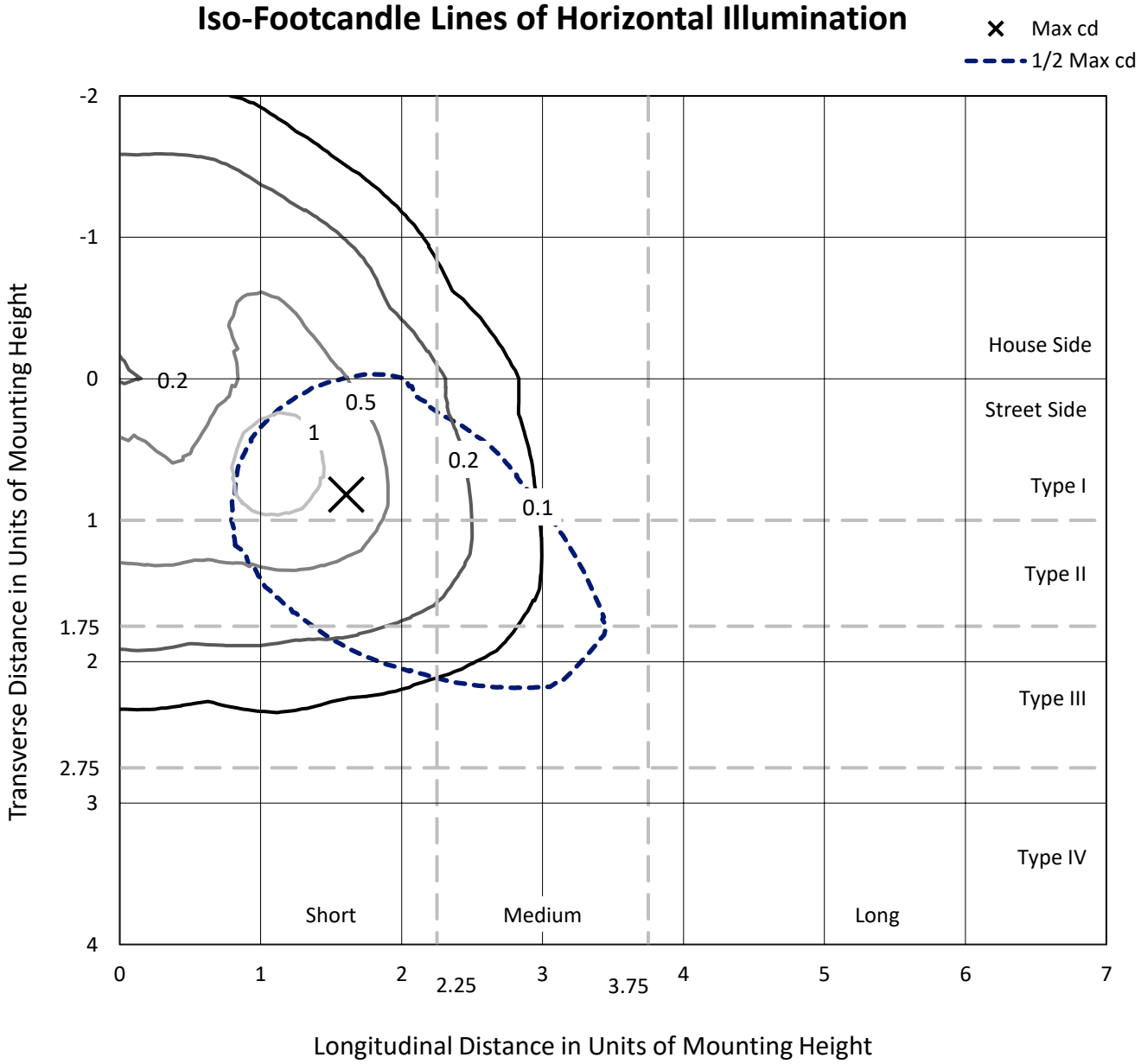
REPORT NUMBER: P1442085
CATALOG NUMBER: ABW-C3-835-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 1.4 fc
Type III - Short - N/A

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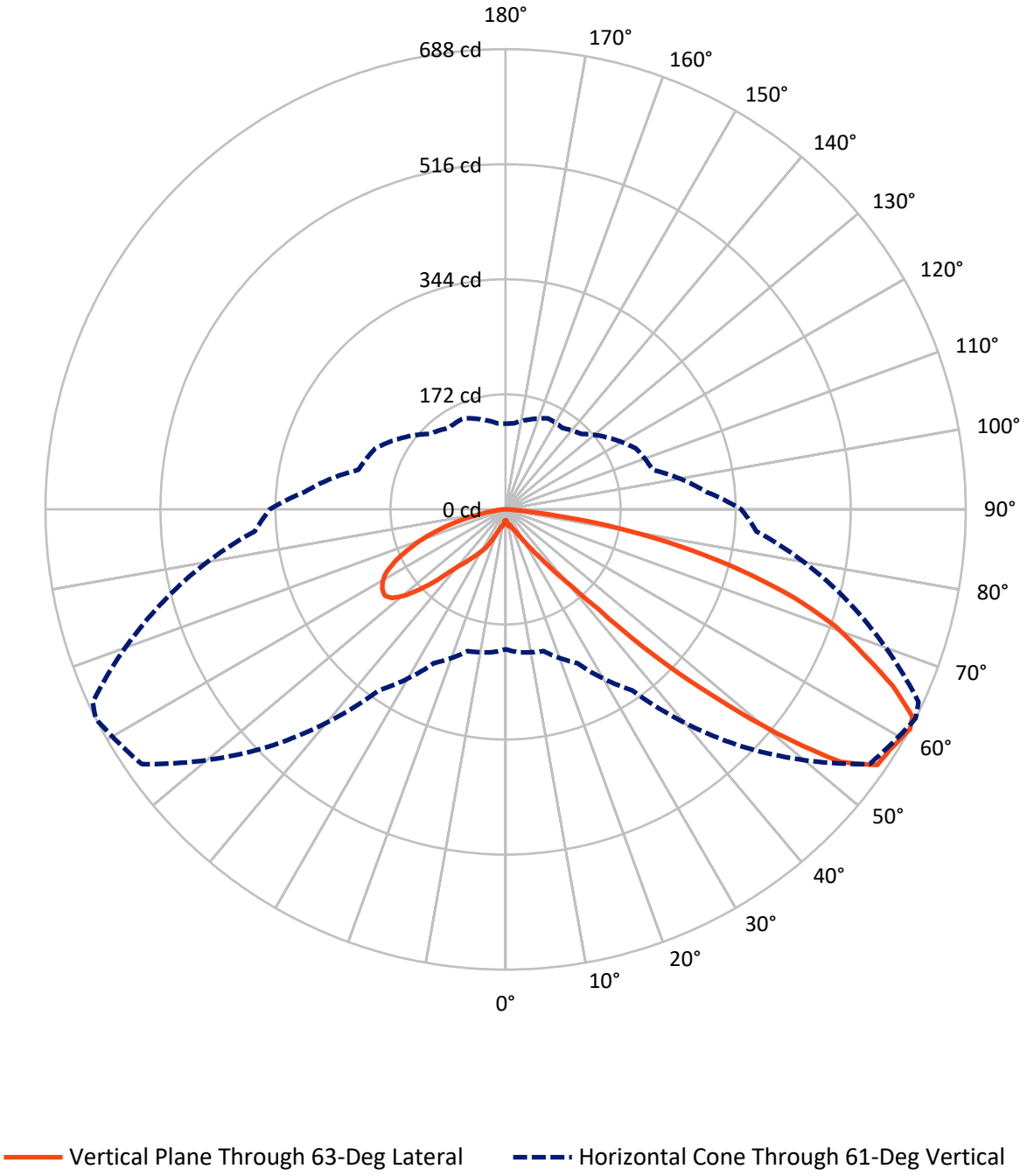
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442085
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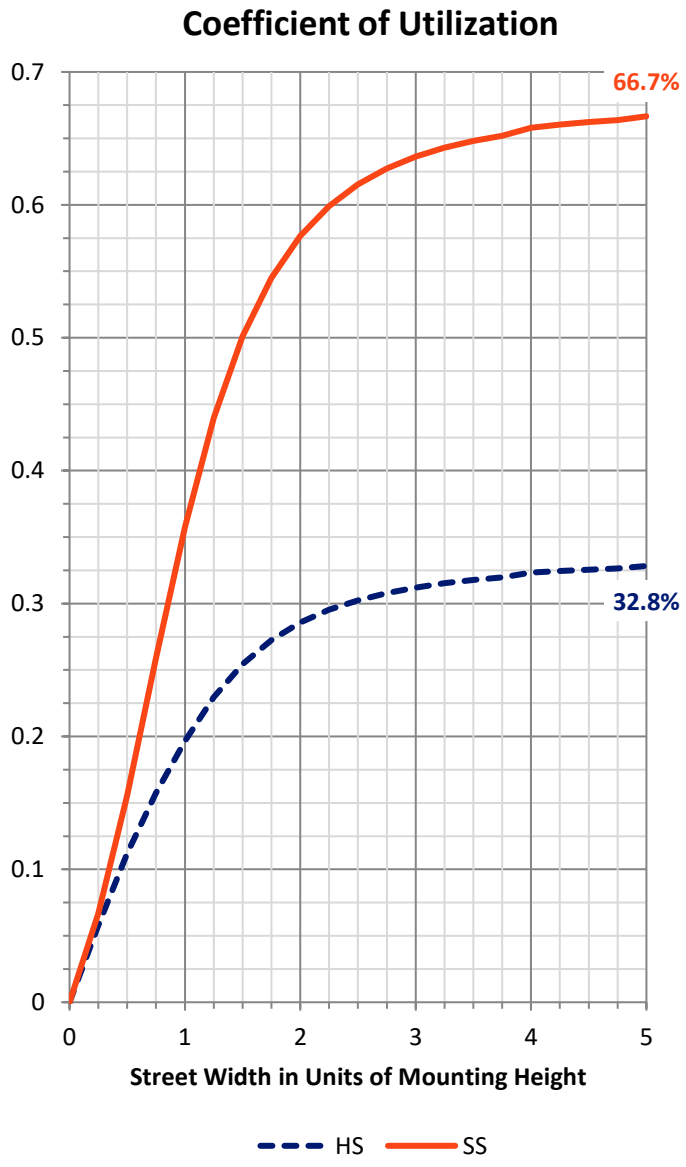
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	309.6	0.0	309.6
	% Fixture	33.1	0.0	33.1
Street Side	Lumens	626.9	0.0	626.9
	% Fixture	66.9	0.0	66.9
Total	Lumens	936.5	0.0	936.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.2	0.2
10°-20°	9.2	1.0
20°-30°	23.3	2.5
30°-40°	53.3	5.7
40°-50°	138.5	14.8
50°-60°	265.5	28.3
60°-70°	268.0	28.6
70°-80°	154.9	16.5
80°-90°	21.5	2.3
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°	936.5	100.0
0°-180°	936.5	100.0



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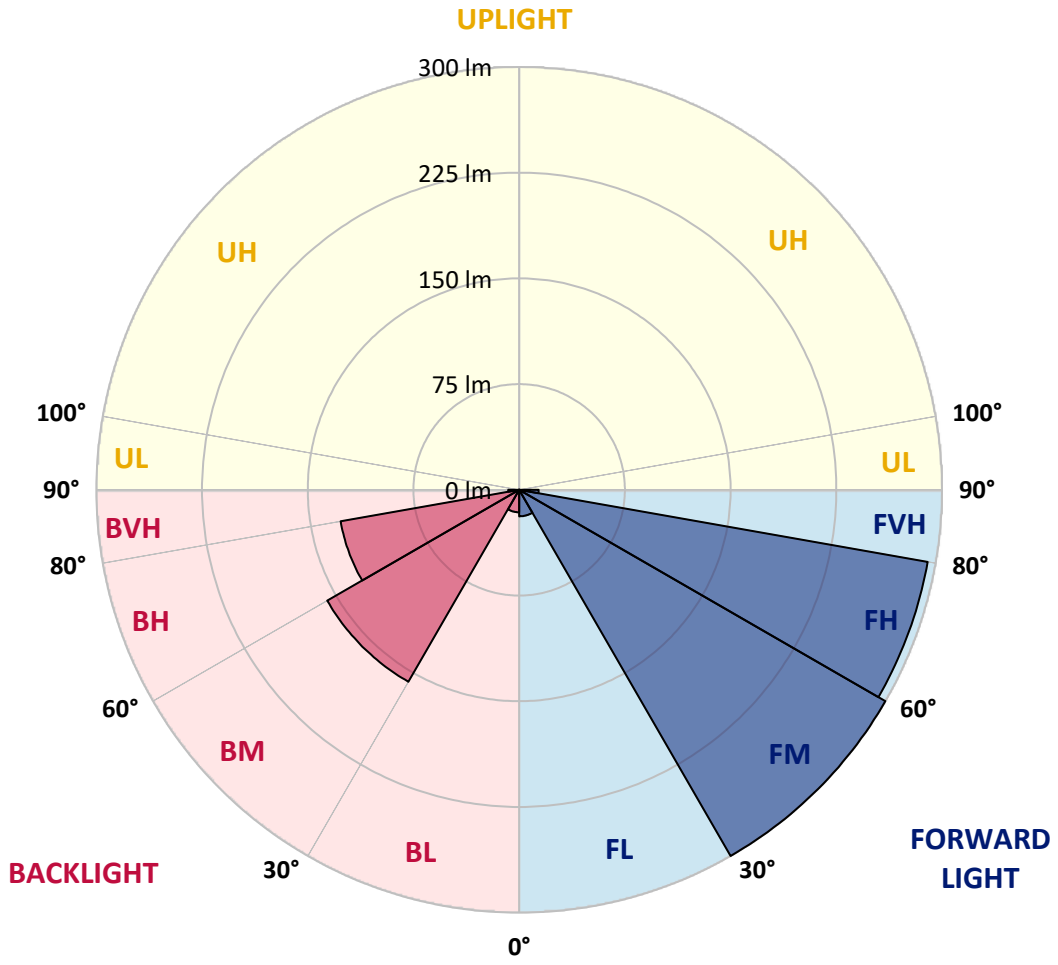
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	18.8	2.0			
FM	(30°-60°)	300.0	32.0			
FH	(60°-80°)	294.3	31.4			G0/660
FVH	(80°-90°)	13.8	1.5			G1/100
BL	(0°-30°)	16.0	1.7	B0/110		
BM	(30°-60°)	157.3	16.8	B0/220		
BH	(60°-80°)	128.6	13.7	B1/500		G1/500
BVH	(80°-90°)	7.7	0.8			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: P1442085
CATALOG NUMBER: ABW-C3-835-X-U-A-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	*16.2*	16.2	16.2	16.2
2.5°	29.9	28.1	26.4	25.6	23.0	22.2	21.3	*19.6*	19.6	17.9	17.1
5°	36.7	35.0	30.7	26.4	24.7	21.3	17.9	*17.1*	17.1	17.1	15.4
7.5°	40.1	36.7	35.8	29.9	29.0	29.0	28.1	*23.9*	23.0	21.3	21.3
10°	39.2	39.2	39.2	34.1	33.3	31.6	28.1	*25.6*	25.6	23.0	23.9
12.5°	35.8	35.8	40.1	38.4	32.4	31.6	28.1	*23.0*	23.0	22.2	21.3
15°	36.7	38.4	44.4	43.5	40.1	34.1	29.0	*26.4*	25.6	23.9	23.0
17.5°	46.1	45.2	45.2	46.1	45.2	37.5	30.7	*26.4*	27.3	25.6	25.6
20°	52.0	52.0	52.0	51.2	49.5	40.1	33.3	*30.7*	29.9	29.0	28.1
22.5°	62.3	61.4	64.0	59.7	54.6	43.5	37.5	*34.1*	35.0	33.3	30.7
25°	77.6	80.2	70.8	62.3	57.2	46.9	40.9	*38.4*	39.2	40.1	35.8
27.5°	93.8	93.0	78.5	69.9	63.1	52.9	48.6	*46.1*	47.8	47.8	44.4
30°	102.4	105.8	91.3	79.3	69.9	62.3	57.2	*56.3*	58.9	58.9	52.9
32.5°	113.4	115.2	100.7	87.0	78.5	73.4	72.5	*69.9*	72.5	69.1	63.1
35°	125.4	126.2	114.3	95.5	89.6	88.7	91.3	*87.9*	91.3	82.7	75.1
37.5°	133.9	135.6	125.4	106.6	101.5	104.1	114.3	*113.4*	117.7	104.9	89.6
40°	141.6	145.9	136.5	119.4	116.9	125.4	146.7	*148.4*	155.2	135.6	107.5
42.5°	152.7	157.0	151.0	134.8	138.2	157.0	200.5	*204.7*	220.1	183.4	139.9
45°	176.6	180.0	180.0	166.3	177.4	220.1	305.4	*312.2*	330.1	257.6	190.2
47.5°	192.8	192.8	198.7	190.2	214.1	288.3	404.3	*413.7*	429.1	334.4	243.1
50°	214.1	214.1	226.9	226.0	265.3	380.4	506.7	*526.3*	538.2	420.5	302.8
52.5°	220.9	225.2	240.5	248.2	305.4	442.7	603.1	*627.0*	633.8	485.4	345.5
55°	225.2	230.3	243.1	255.0	327.6	488.8	659.4	*673.9*	667.9	527.2	365.9
57.5°	225.2	228.6	238.8	254.2	330.1	505.8	661.1	*677.3*	670.5	540.8	375.3
60°	216.7	219.2	225.2	253.3	331.0	504.1	660.2	*684.1*	678.1	536.5	378.7
61°	*209.0*	*214.1*	*219.2*	*253.3*	*330.1*	*501.6*	*663.6*	*687.5*	*680.7*	*528.9*	*376.2*
62.5°	199.6	205.6	209.0	252.5	323.3	491.3	660.2	*682.4*	669.6	515.2	365.9
65°	181.7	185.1	186.0	244.0	302.8	456.4	621.8	*635.5*	616.7	478.5	338.6
67.5°	156.1	159.5	162.1	228.6	279.8	413.7	566.4	*576.6*	561.3	430.8	311.3
70°	128.8	133.1	139.0	209.0	252.5	364.2	507.5	*522.9*	506.7	376.2	281.5
72.5°	98.9	104.9	115.2	179.1	217.5	308.8	434.2	*450.4*	431.6	313.1	239.7
75°	71.7	77.6	91.3	145.0	176.6	245.7	348.0	*363.4*	342.1	245.7	193.6
77.5°	46.9	51.2	64.8	104.1	128.8	179.1	261.9	*268.7*	247.4	168.9	139.9
80°	28.1	31.6	40.9	62.3	75.9	113.4	168.0	*172.3*	151.0	95.5	83.6
82.5°	17.9	18.8	21.3	25.6	25.6	52.9	74.2	*75.1*	56.3	29.0	33.3
85°	11.1	11.9	10.2	8.5	9.4	11.1	11.1	*11.9*	10.2	8.5	8.5
87.5°	8.5	8.5	7.7	6.8	6.8	6.8	8.5	*8.5*	8.5	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

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Scaled Data Report

REPORT NUMBER: P1442085
CATALOG NUMBER: ABW-C3-835-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
2.5°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	17.1	17.1	17.9	17.9
5°	14.5	15.4	17.1	17.1	17.9	17.9	18.8	18.8	17.1	16.2	16.2
7.5°	21.3	22.2	21.3	22.2	22.2	20.5	20.5	21.3	22.2	20.5	19.6
10°	23.0	22.2	22.2	23.9	28.1	24.7	26.4	26.4	25.6	23.0	22.2
12.5°	22.2	23.0	23.9	25.6	27.3	32.4	29.9	29.9	28.1	25.6	24.7
15°	23.0	24.7	25.6	26.4	30.7	35.8	34.1	32.4	30.7	25.6	25.6
17.5°	26.4	27.3	29.0	29.9	35.0	39.2	39.2	34.1	31.6	27.3	26.4
20°	28.1	29.0	33.3	35.0	40.1	41.8	45.2	39.2	35.0	30.7	29.9
22.5°	30.7	31.6	36.7	42.6	46.1	46.9	48.6	41.8	35.8	33.3	31.6
25°	36.7	36.7	41.8	52.0	54.6	50.3	51.2	45.2	37.5	33.3	32.4
27.5°	44.4	46.1	51.2	64.0	59.7	55.4	55.4	48.6	39.2	35.0	34.1
30°	55.4	53.7	60.6	71.7	67.4	62.3	60.6	52.0	41.8	36.7	35.8
32.5°	66.5	65.7	70.8	79.3	76.8	68.2	64.8	56.3	44.4	38.4	36.7
35°	77.6	78.5	81.9	88.7	84.4	73.4	70.8	60.6	47.8	40.9	40.1
37.5°	92.1	93.0	92.1	99.8	93.0	81.0	77.6	65.7	52.9	47.8	45.2
40°	108.3	110.0	107.5	110.9	102.4	90.4	86.2	73.4	62.3	56.3	55.4
42.5°	136.5	137.3	129.7	128.0	116.9	104.1	101.5	87.0	76.8	70.8	68.2
45°	177.4	173.2	160.4	154.4	139.0	121.1	118.6	104.9	93.0	87.9	86.2
47.5°	220.9	215.0	191.9	179.1	158.7	140.7	135.6	125.4	111.7	104.9	103.2
50°	273.8	251.6	222.6	203.0	178.3	160.4	151.0	142.5	127.1	119.4	116.9
52.5°	313.9	277.2	239.7	220.9	191.9	168.9	158.7	153.5	138.2	128.8	126.2
55°	331.0	291.7	246.5	227.8	197.0	171.5	159.5	157.0	142.5	132.2	130.5
57.5°	339.5	297.7	242.3	226.0	193.6	168.0	155.2	154.4	142.5	132.2	132.2
60°	351.4	302.0	232.9	219.2	189.4	162.9	151.0	151.8	139.9	130.5	129.7
61°	*352.3*	*301.1*	*227.8*	*215.0*	*186.8*	*159.5*	*148.4*	*150.1*	*139.0*	*128.8*	*128.0*
62.5°	349.7	296.8	220.1	208.1	180.0	153.5	144.2	146.7	134.8	125.4	124.5
65°	331.8	282.3	203.0	190.2	162.9	140.7	133.1	137.3	127.1	116.9	116.9
67.5°	310.5	263.6	183.4	167.2	145.0	126.2	121.1	123.7	116.0	106.6	106.6
70°	278.9	237.1	162.1	143.3	125.4	110.0	106.6	110.9	104.1	94.7	94.7
72.5°	237.1	202.2	139.0	117.7	102.4	93.0	91.3	95.5	88.7	81.0	81.9
75°	188.5	160.4	110.0	89.6	78.5	75.1	74.2	76.8	72.5	66.5	66.5
77.5°	134.8	113.4	77.6	62.3	56.3	57.2	54.6	56.3	54.6	49.5	50.3
80°	78.5	63.1	44.4	37.5	35.8	37.5	35.8	36.7	36.7	33.3	34.1
82.5°	29.9	22.2	19.6	20.5	19.6	20.5	17.1	17.9	18.8	19.6	19.6
85°	8.5	8.5	9.4	10.2	10.2	9.4	8.5	8.5	9.4	11.1	11.1
87.5°	6.8	6.0	6.8	7.7	7.7	7.7	6.8	6.8	7.7	8.5	9.4
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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1121 Highway 74 South
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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

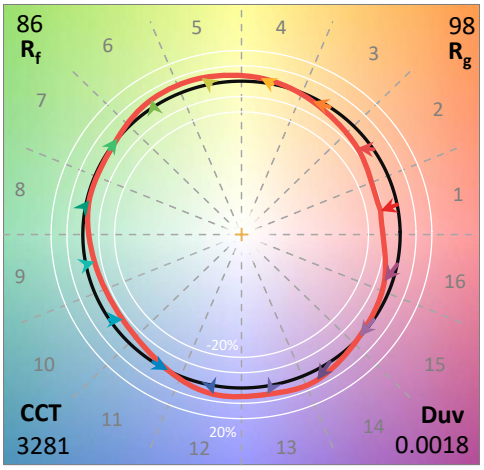
Test Information

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

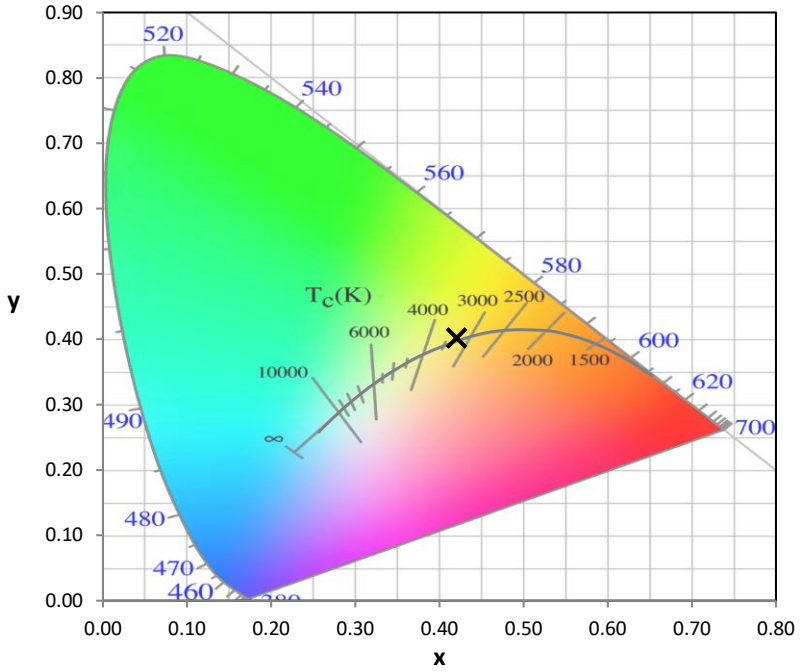
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

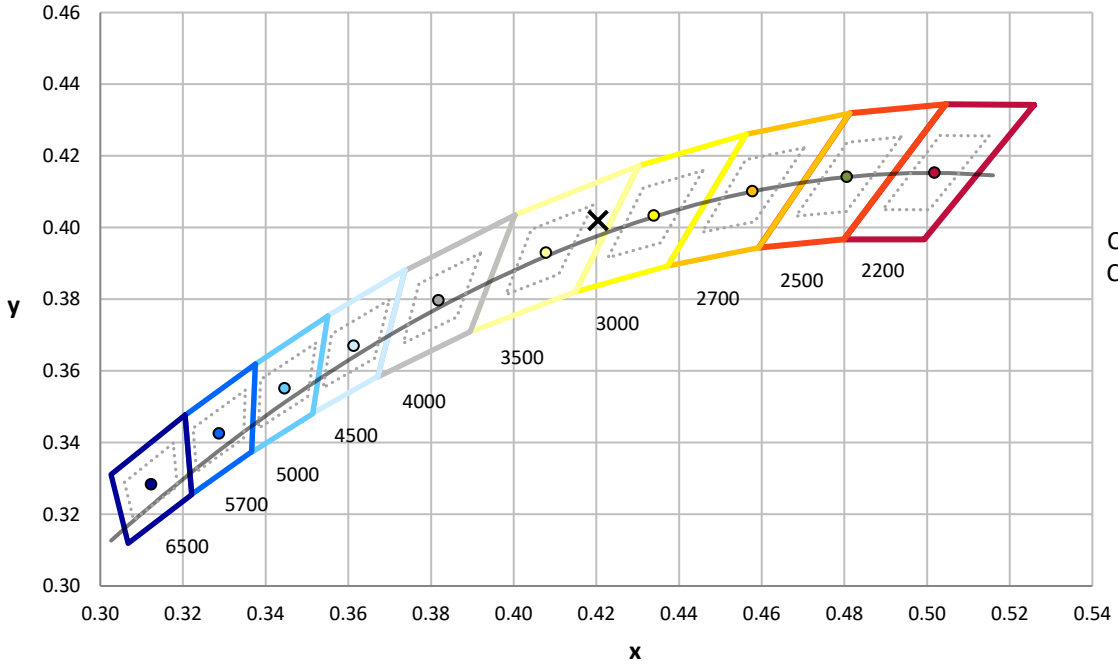
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

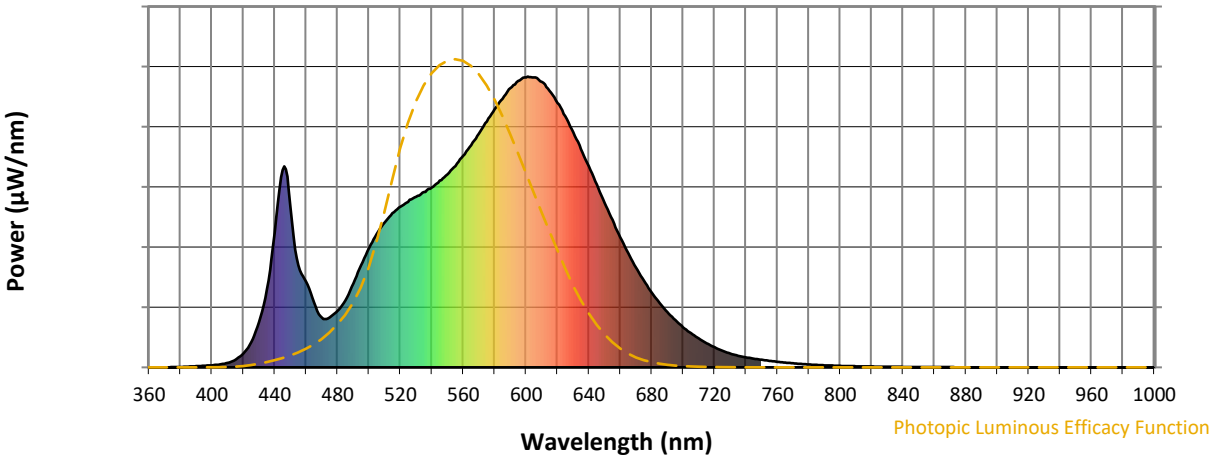


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

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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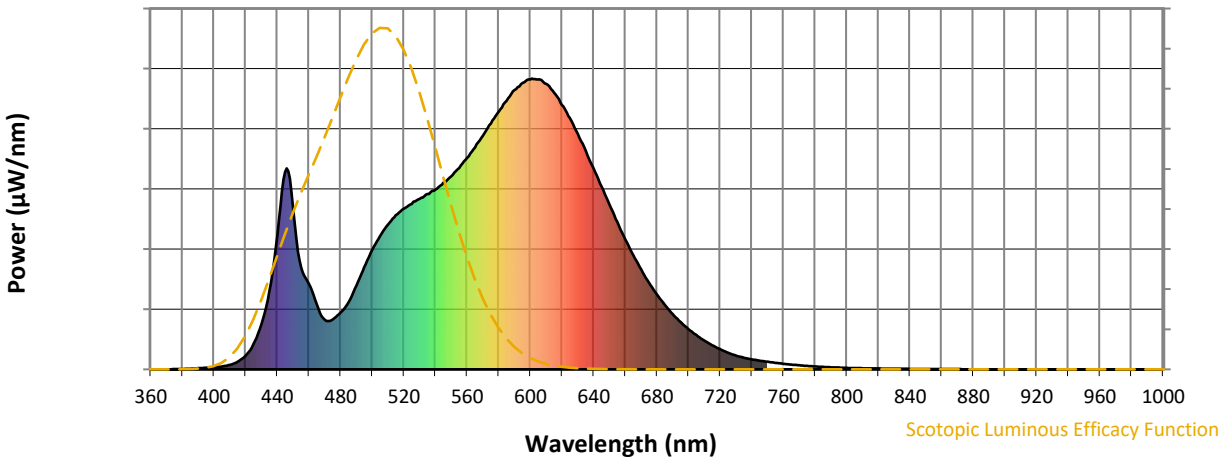
Scotopic Flux vs. Wavelength



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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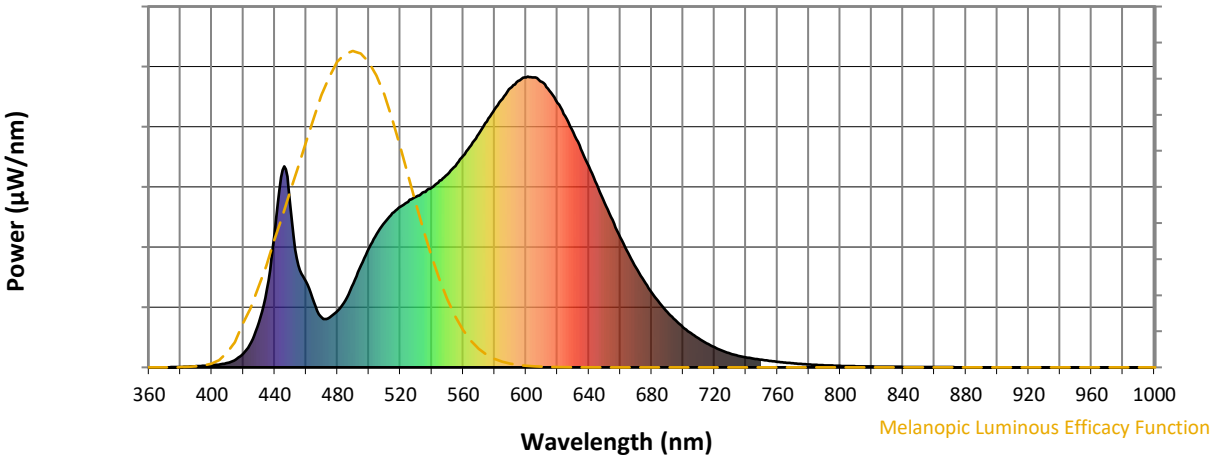
Melanopic Flux vs. Wavelength



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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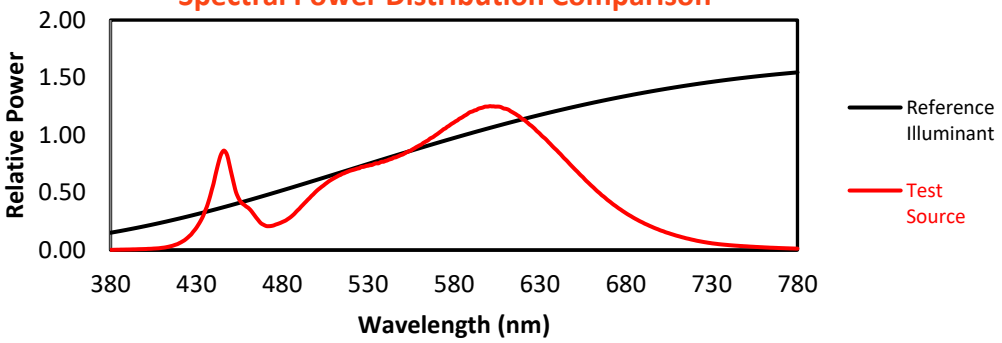
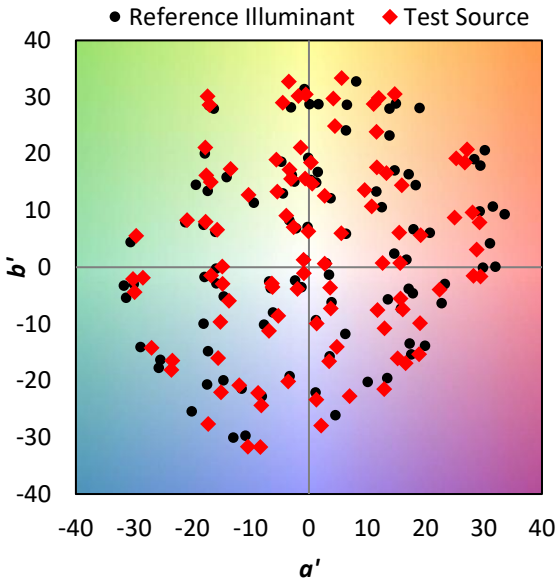
Summary

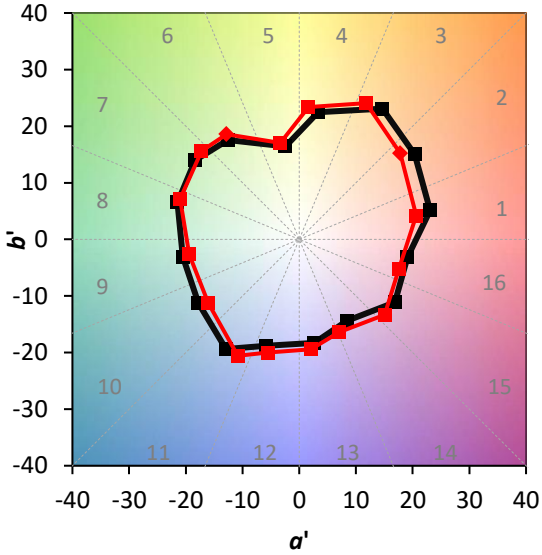
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

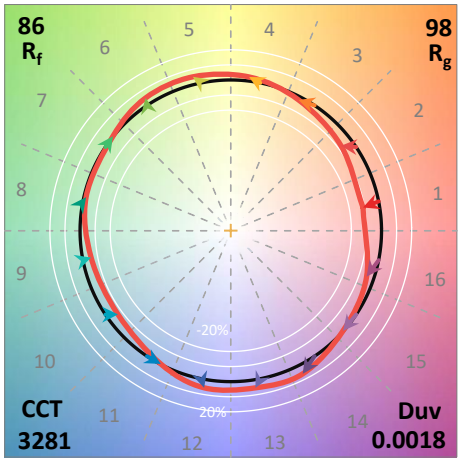
Spectral Power Distribution Comparison

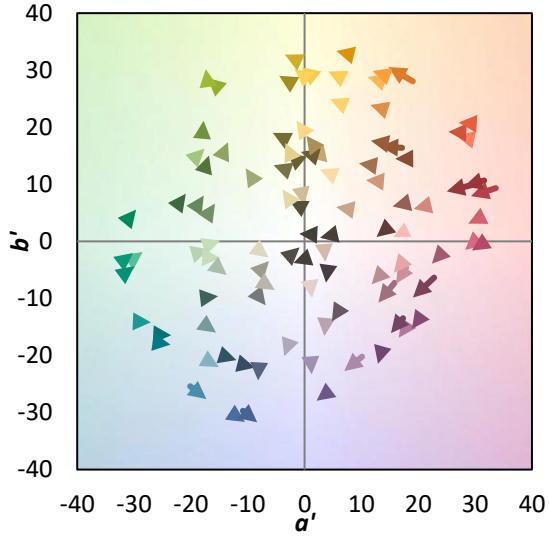


Color Vector Graphics









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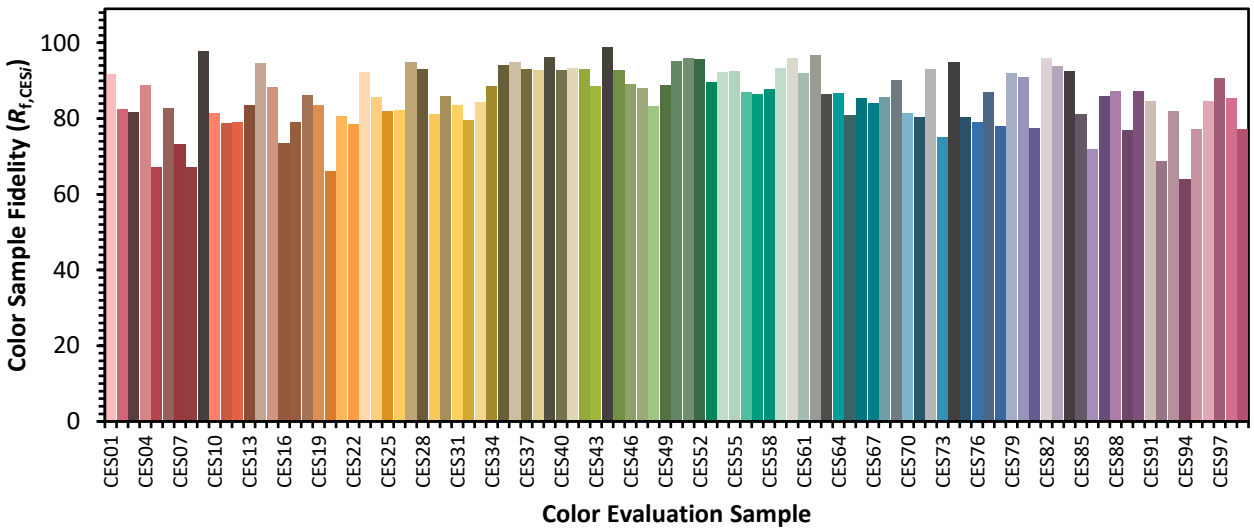
Individual Sample Fidelity Index ($R_{f,i}$)

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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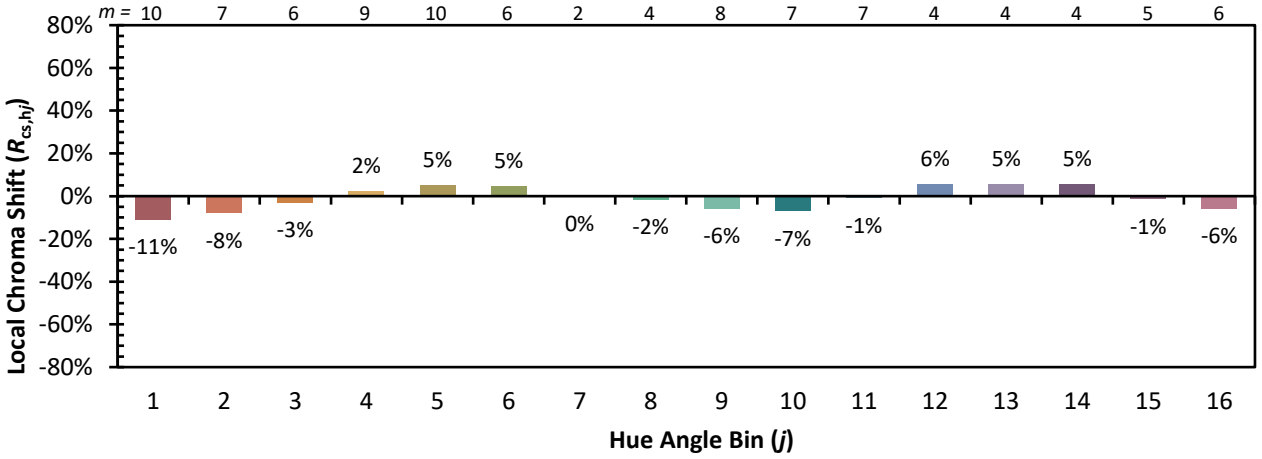
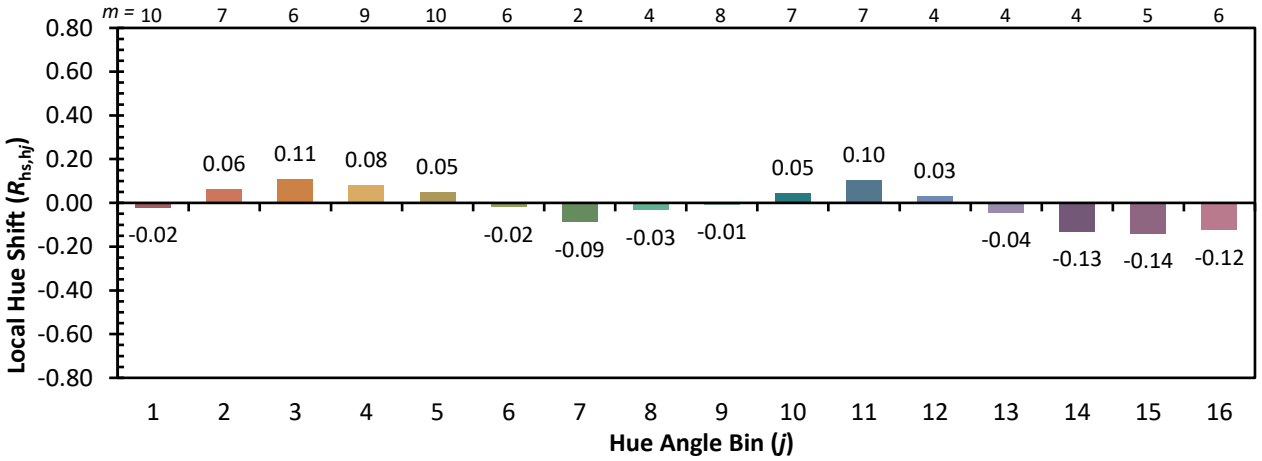
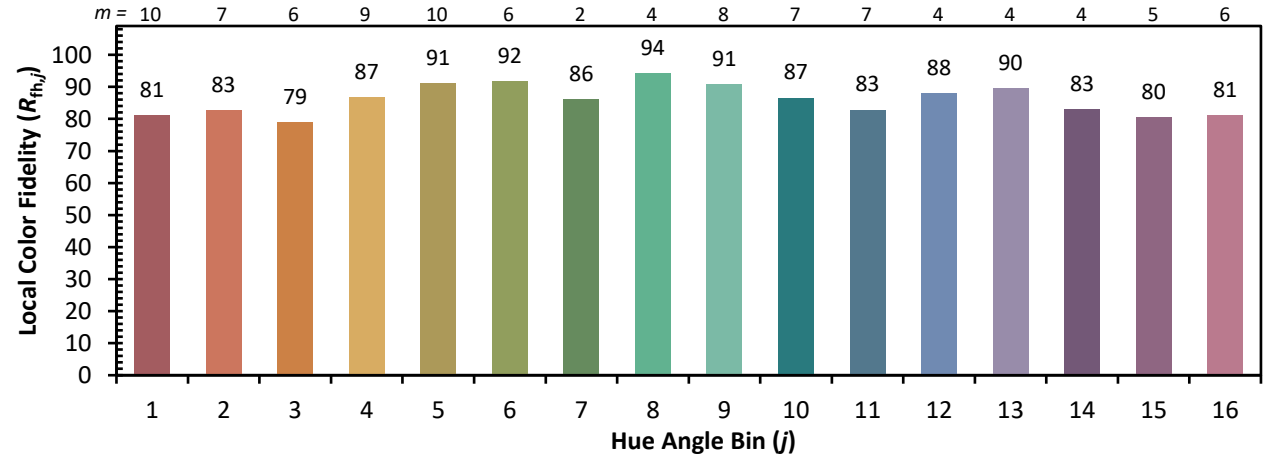
Color Rendition by Hue-Angle Bin







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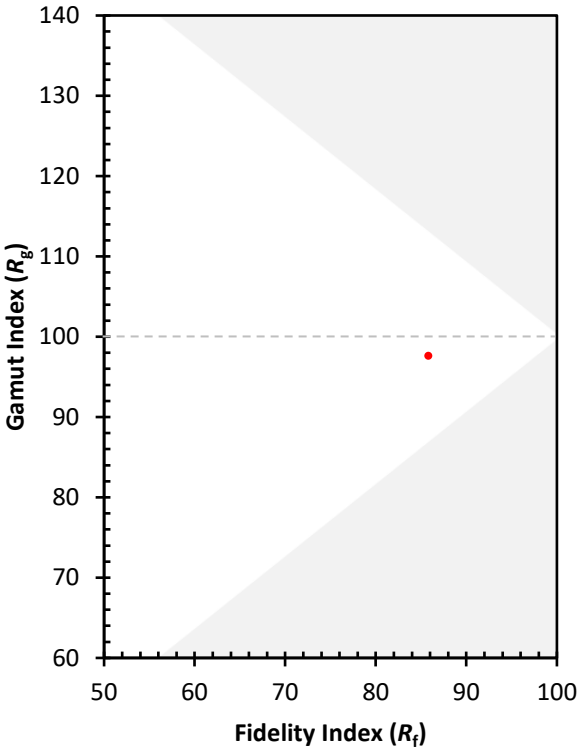
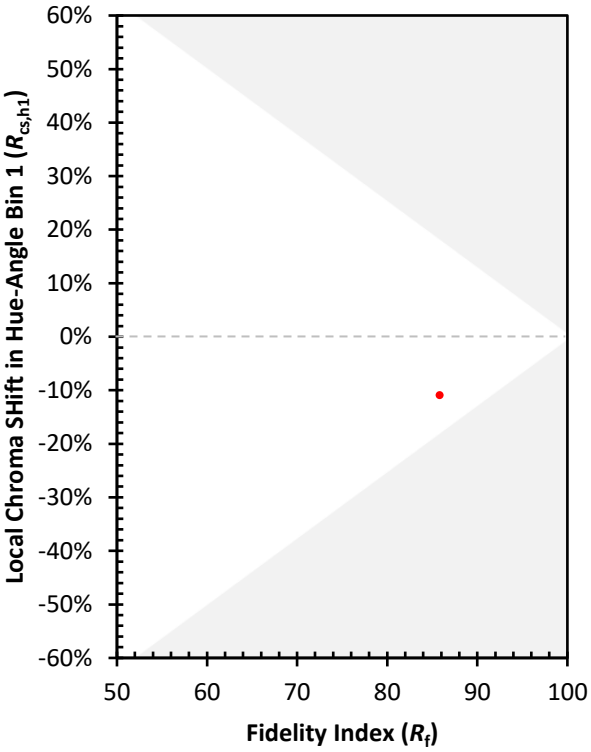
Measure Comparisons





(END OF REPORT)