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: P1442081

Luminaire Tested: ABW-C3-827-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:	P1442081
	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-C3-827-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:	871.7 lumens
Efficiency:	N/A
Efficacy:	36.8 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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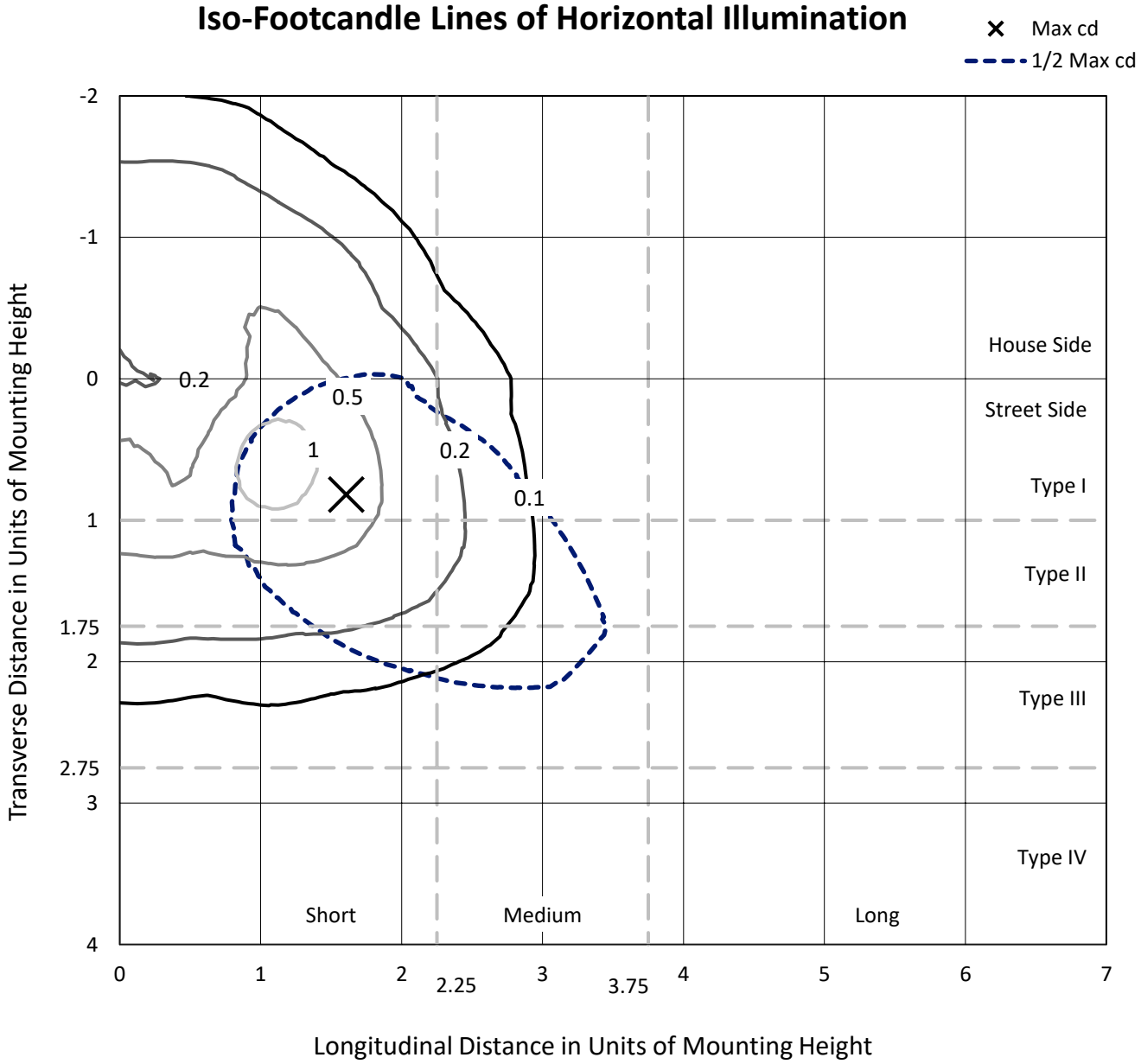
REPORT NUMBER: P1442081
CATALOG NUMBER: ABW-C3-827-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 1.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1442081
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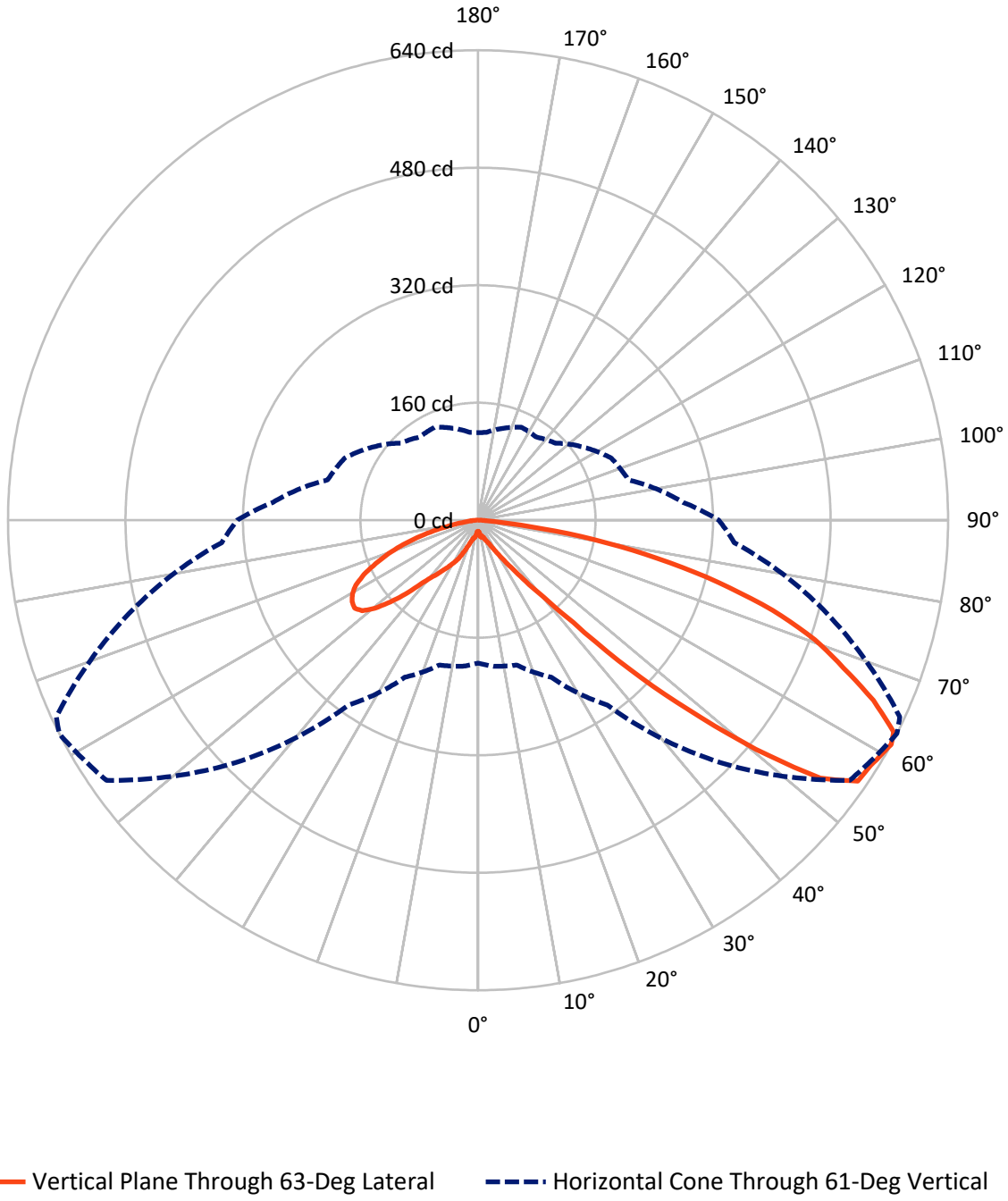
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442081
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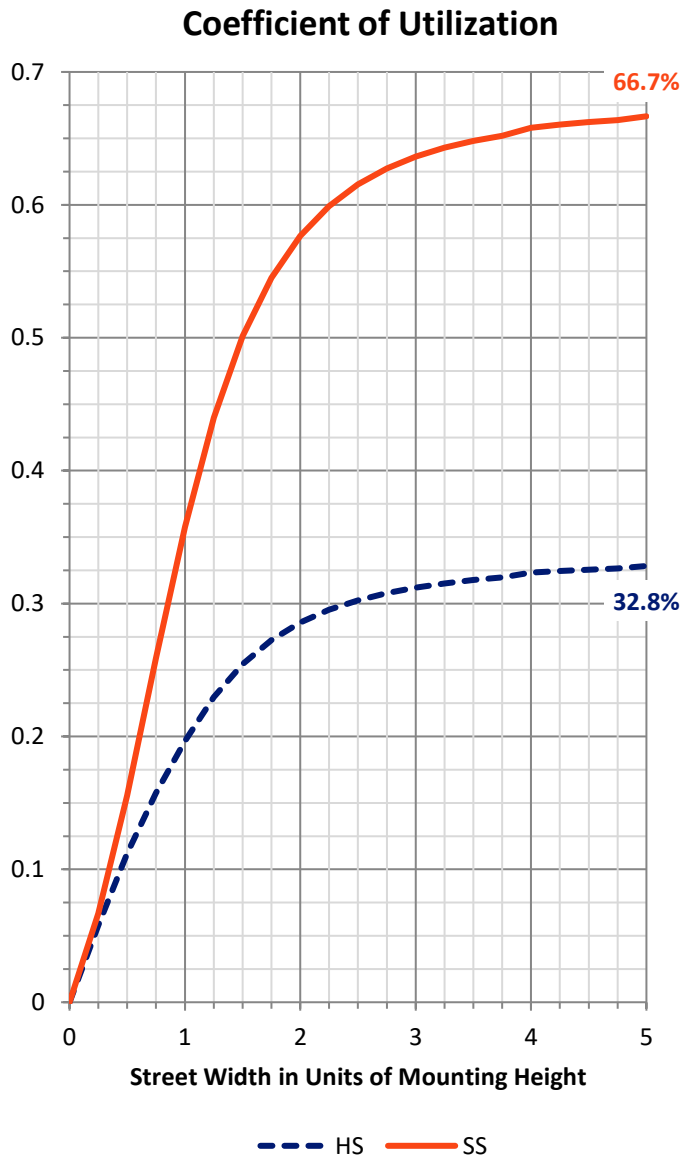
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	288.2	0.0	288.2
	% Fixture	33.1	0.0	33.1
Street Side	Lumens	583.5	0.0	583.5
	% Fixture	66.9	0.0	66.9
Total	Lumens	871.7	0.0	871.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.2
10°-20°	8.6	1.0
20°-30°	21.7	2.5
30°-40°	49.6	5.7
40°-50°	129.0	14.8
50°-60°	247.1	28.3
60°-70°	249.5	28.6
70°-80°	144.2	16.5
80°-90°	20.0	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°	871.7	100.0
0°-180°	871.7	100.0



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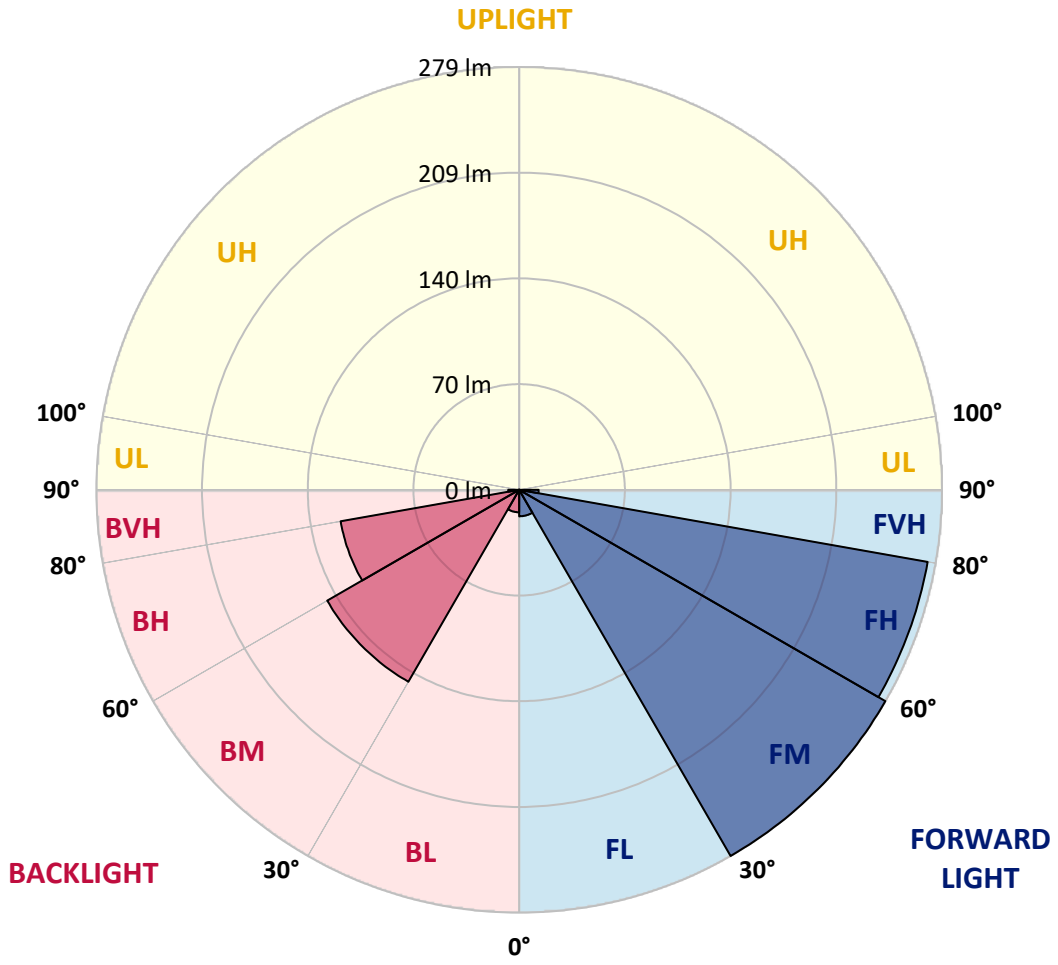
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	17.5	2.0			
FM	(30°-60°)	279.3	32.0			
FH	(60°-80°)	273.9	31.4			G0/660
FVH	(80°-90°)	12.9	1.5			G1/100
BL	(0°-30°)	14.9	1.7	B0/110		
BM	(30°-60°)	146.4	16.8	B0/220		
BH	(60°-80°)	119.7	13.7	B1/500		G1/500
BVH	(80°-90°)	7.2	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: P1442081
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	*15.1*	15.1	15.1	15.1
2.5°	27.8	26.2	24.6	23.8	21.4	20.6	19.8	*18.3*	18.3	16.7	15.9
5°	34.1	32.6	28.6	24.6	23.0	19.8	16.7	*15.9*	15.9	15.9	14.3
7.5°	37.3	34.1	33.3	27.8	27.0	27.0	26.2	*22.2*	21.4	19.8	19.8
10°	36.5	36.5	36.5	31.8	31.0	29.4	26.2	*23.8*	23.8	21.4	22.2
12.5°	33.3	33.3	37.3	35.7	30.2	29.4	26.2	*21.4*	21.4	20.6	19.8
15°	34.1	35.7	41.3	40.5	37.3	31.8	27.0	*24.6*	23.8	22.2	21.4
17.5°	42.9	42.1	42.1	42.9	42.1	34.9	28.6	*24.6*	25.4	23.8	23.8
20°	48.4	48.4	48.4	47.6	46.1	37.3	31.0	*28.6*	27.8	27.0	26.2
22.5°	58.0	57.2	59.6	55.6	50.8	40.5	34.9	*31.8*	32.6	31.0	28.6
25°	72.3	74.6	65.9	58.0	53.2	43.7	38.1	*35.7*	36.5	37.3	33.3
27.5°	87.3	86.5	73.0	65.1	58.8	49.2	45.3	*42.9*	44.5	44.5	41.3
30°	95.3	98.5	85.0	73.8	65.1	58.0	53.2	*52.4*	54.8	54.8	49.2
32.5°	105.6	107.2	93.7	81.0	73.0	68.3	67.5	*65.1*	67.5	64.3	58.8
35°	116.7	117.5	106.4	88.9	83.4	82.6	85.0	*81.8*	85.0	77.0	69.9
37.5°	124.7	126.2	116.7	99.2	94.5	96.9	106.4	*105.6*	109.6	97.7	83.4
40°	131.8	135.8	127.0	111.2	108.8	116.7	136.6	*138.2*	144.5	126.2	100.0
42.5°	142.1	146.1	140.5	125.5	128.6	146.1	186.6	*190.6*	204.9	170.7	130.2
45°	164.4	167.5	167.5	154.8	165.2	204.9	284.3	*290.6*	307.3	239.8	177.1
47.5°	179.4	179.4	185.0	177.1	199.3	268.4	376.4	*385.1*	399.4	311.2	226.3
50°	199.3	199.3	211.2	210.4	246.9	354.1	471.6	*489.9*	501.0	391.4	281.9
52.5°	205.6	209.6	223.9	231.1	284.3	412.1	561.4	*583.6*	589.9	451.8	321.6
55°	209.6	214.4	226.3	237.4	304.9	455.0	613.8	*627.3*	621.7	490.7	340.6
57.5°	209.6	212.8	222.3	236.6	307.3	470.8	615.4	*630.4*	624.1	503.4	349.4
60°	201.7	204.1	209.6	235.8	308.1	469.3	614.6	*636.8*	631.2	499.4	352.5
61°	*194.5*	*199.3*	*204.1*	*235.8*	*307.3*	*466.9*	*617.7*	*640.0*	*633.6*	*492.3*	*350.2*
62.5°	185.8	191.4	194.5	235.0	300.9	457.3	614.6	*635.2*	623.3	479.6	340.6
65°	169.1	172.3	173.1	227.1	281.9	424.8	578.8	*591.5*	574.1	445.4	315.2
67.5°	145.3	148.5	150.9	212.8	260.4	385.1	527.2	*536.7*	522.5	401.0	289.8
70°	119.9	123.9	129.4	194.5	235.0	339.0	472.4	*486.7*	471.6	350.2	262.0
72.5°	92.1	97.7	107.2	166.7	202.5	287.4	404.1	*419.2*	401.8	291.4	223.1
75°	66.7	72.3	85.0	135.0	164.4	228.7	324.0	*338.2*	318.4	228.7	180.2
77.5°	43.7	47.6	60.3	96.9	119.9	166.7	243.8	*250.1*	230.3	157.2	130.2
80°	26.2	29.4	38.1	58.0	70.7	105.6	156.4	*160.4*	140.5	88.9	77.8
82.5°	16.7	17.5	19.8	23.8	23.8	49.2	69.1	*69.9*	52.4	27.0	31.0
85°	10.3	11.1	9.5	7.9	8.7	10.3	10.3	*11.1*	9.5	7.9	7.9
87.5°	7.9	7.9	7.1	6.4	6.4	6.4	7.9	*7.9*	7.9	6.4	6.4
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: P1442081
CATALOG NUMBER: ABW-C3-827-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
2.5°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.9	15.9	16.7	16.7
5°	13.5	14.3	15.9	15.9	16.7	16.7	17.5	17.5	15.9	15.1	15.1
7.5°	19.8	20.6	19.8	20.6	20.6	19.1	19.1	19.8	20.6	19.1	18.3
10°	21.4	20.6	20.6	22.2	26.2	23.0	24.6	24.6	23.8	21.4	20.6
12.5°	20.6	21.4	22.2	23.8	25.4	30.2	27.8	27.8	26.2	23.8	23.0
15°	21.4	23.0	23.8	24.6	28.6	33.3	31.8	30.2	28.6	23.8	23.8
17.5°	24.6	25.4	27.0	27.8	32.6	36.5	36.5	31.8	29.4	25.4	24.6
20°	26.2	27.0	31.0	32.6	37.3	38.9	42.1	36.5	32.6	28.6	27.8
22.5°	28.6	29.4	34.1	39.7	42.9	43.7	45.3	38.9	33.3	31.0	29.4
25°	34.1	34.1	38.9	48.4	50.8	46.8	47.6	42.1	34.9	31.0	30.2
27.5°	41.3	42.9	47.6	59.6	55.6	51.6	51.6	45.3	36.5	32.6	31.8
30°	51.6	50.0	56.4	66.7	62.7	58.0	56.4	48.4	38.9	34.1	33.3
32.5°	61.9	61.1	65.9	73.8	71.5	63.5	60.3	52.4	41.3	35.7	34.1
35°	72.3	73.0	76.2	82.6	78.6	68.3	65.9	56.4	44.5	38.1	37.3
37.5°	85.8	86.5	85.8	92.9	86.5	75.4	72.3	61.1	49.2	44.5	42.1
40°	100.8	102.4	100.0	103.2	95.3	84.2	80.2	68.3	58.0	52.4	51.6
42.5°	127.0	127.8	120.7	119.1	108.8	96.9	94.5	81.0	71.5	65.9	63.5
45°	165.2	161.2	149.3	143.7	129.4	112.7	110.4	97.7	86.5	81.8	80.2
47.5°	205.6	200.1	178.6	166.7	147.7	131.0	126.2	116.7	104.0	97.7	96.1
50°	254.9	234.2	207.2	189.0	165.9	149.3	140.5	132.6	118.3	111.2	108.8
52.5°	292.2	258.0	223.1	205.6	178.6	157.2	147.7	142.9	128.6	119.9	117.5
55°	308.1	271.5	229.5	212.0	183.4	159.6	148.5	146.1	132.6	123.1	121.5
57.5°	316.0	277.1	225.5	210.4	180.2	156.4	144.5	143.7	132.6	123.1	123.1
60°	327.1	281.1	216.8	204.1	176.3	151.7	140.5	141.3	130.2	121.5	120.7
61°	*327.9*	*280.3*	*212.0*	*200.1*	*173.9*	*148.5*	*138.2*	*139.7*	*129.4*	*119.9*	*119.1*
62.5°	325.5	276.3	204.9	193.7	167.5	142.9	134.2	136.6	125.5	116.7	115.9
65°	308.9	262.8	189.0	177.1	151.7	131.0	123.9	127.8	118.3	108.8	108.8
67.5°	289.0	245.3	170.7	155.6	135.0	117.5	112.7	115.1	108.0	99.2	99.2
70°	259.6	220.7	150.9	133.4	116.7	102.4	99.2	103.2	96.9	88.1	88.1
72.5°	220.7	188.2	129.4	109.6	95.3	86.5	85.0	88.9	82.6	75.4	76.2
75°	175.5	149.3	102.4	83.4	73.0	69.9	69.1	71.5	67.5	61.9	61.9
77.5°	125.5	105.6	72.3	58.0	52.4	53.2	50.8	52.4	50.8	46.1	46.8
80°	73.0	58.8	41.3	34.9	33.3	34.9	33.3	34.1	34.1	31.0	31.8
82.5°	27.8	20.6	18.3	19.1	18.3	19.1	15.9	16.7	17.5	18.3	18.3
85°	7.9	7.9	8.7	9.5	9.5	8.7	7.9	7.9	8.7	10.3	10.3
87.5°	6.4	5.6	6.4	7.1	7.1	7.1	6.4	6.4	7.1	7.9	8.7
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: SP1-2509-539-6

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

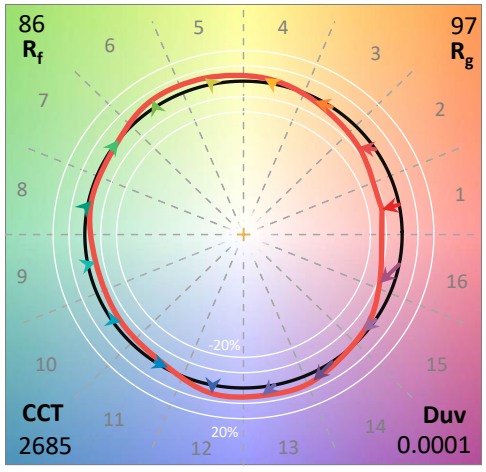
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-6
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-C1-827-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	2685
CIE u':	0.2631
CIE v':	0.5278
Duv:	0.0001
CIE x:	0.4613
CIE y:	0.4112
CIE z:	0.1276
Peak Wavelength (nm):	607
Dominant Wavelength (nm):	584
Purity:	61.87869
Rf:	85.8
Rg:	97.1

CRI (Ra):	83.3				
R1:	82.0	R9:	7.2		
R2:	92.1	R10:	83.2		
R3:	95.4	R11:	84.1		
R4:	82.6	R12:	80.9		
R5:	82.9	R13:	84.4		
R6:	92.4	R14:	98.1		
R7:	81.6	R15:	73.2		
R8:	57.2				



Test Conditions

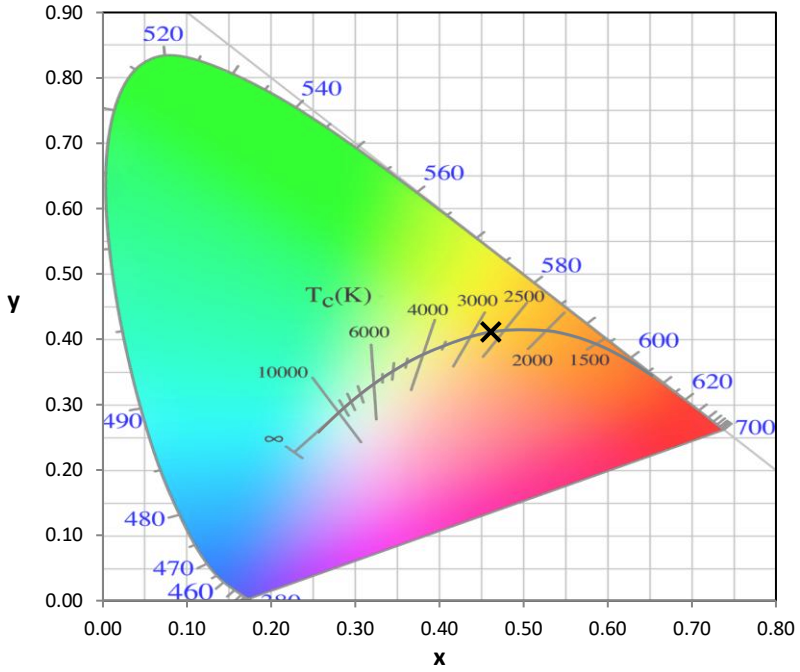
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

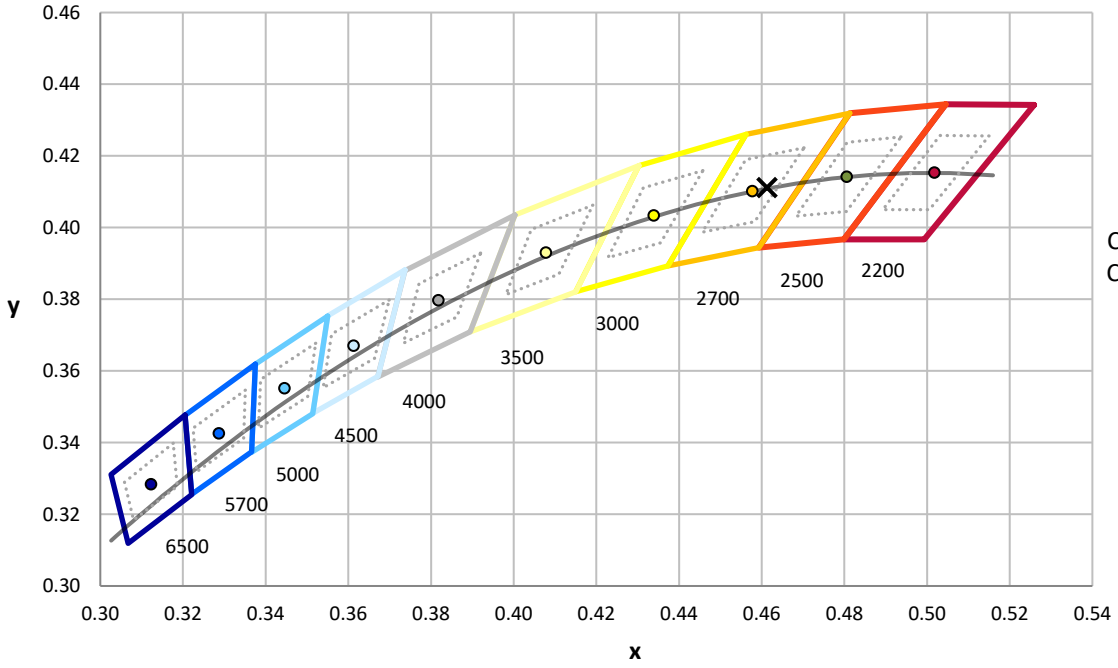
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

CIE 1931 Chromaticity Diagram



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

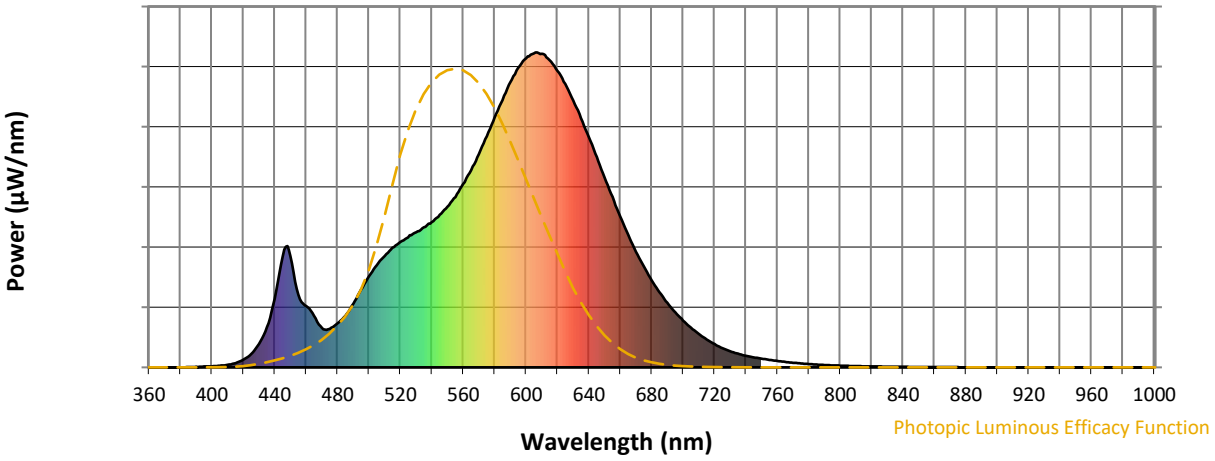


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-6

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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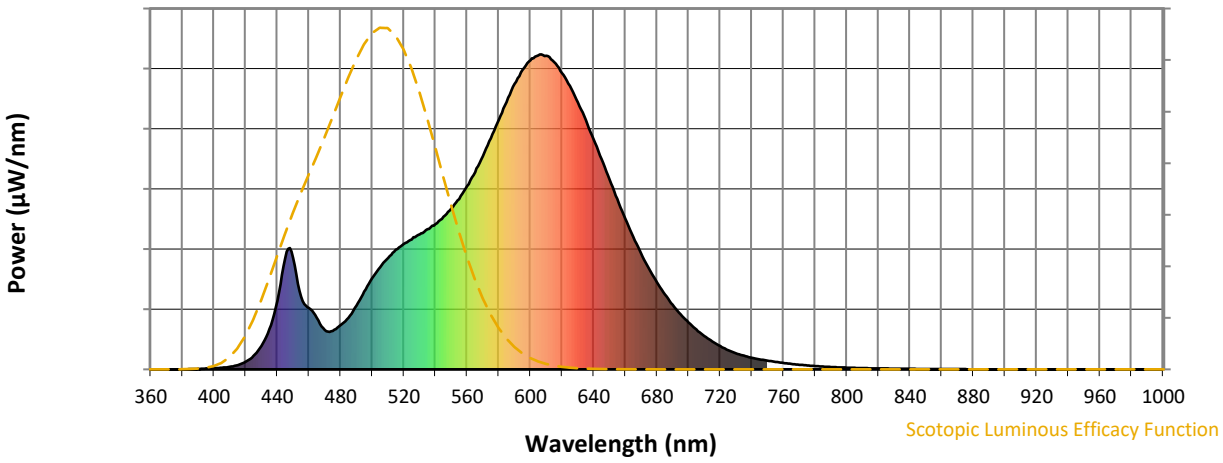
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.22**

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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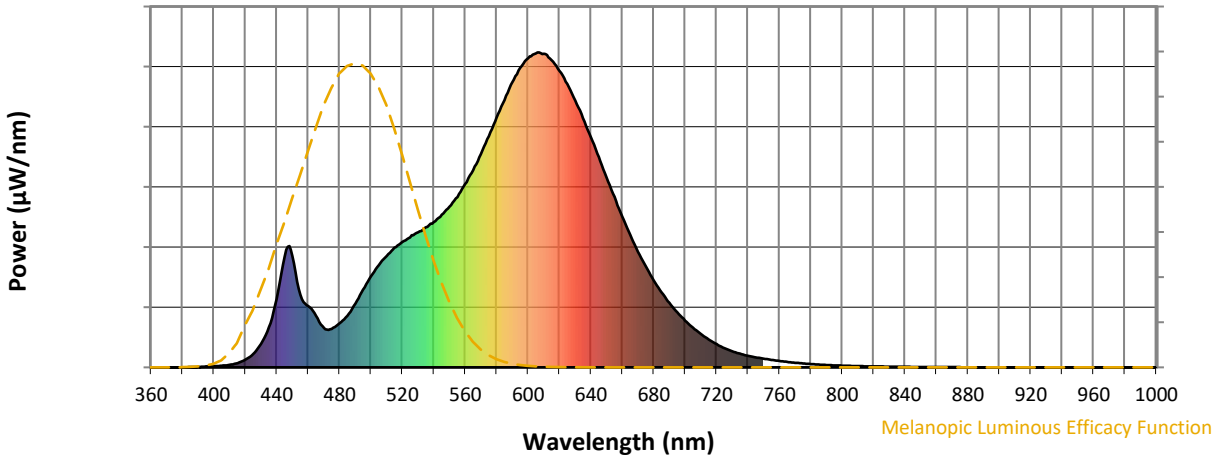
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.26**

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	202	NR	620	941	NR	750	28	NR	880	0	NR
365	0	NR	495	247	NR	625	900	NR	755	24	NR	885	0	NR
370	0	NR	500	290	NR	630	847	NR	760	20	NR	890	0	NR
375	0	NR	505	324	NR	635	791	NR	765	17	NR	895	0	NR
380	0	NR	510	354	NR	640	730	NR	770	15	NR	900	0	NR
385	1	NR	515	380	NR	645	668	NR	775	13	NR	905	0	NR
390	2	NR	520	398	NR	650	602	NR	780	11	NR	910	0	NR
395	3	NR	525	413	NR	655	541	NR	785	9	NR	915	0	NR
400	3	NR	530	428	NR	660	478	NR	790	8	NR	920	0	NR
405	5	NR	535	445	NR	665	421	NR	795	6	NR	925	0	NR
410	8	NR	540	461	NR	670	367	NR	800	5	NR	930	0	NR
415	14	NR	545	485	NR	675	320	NR	805	5	NR	935	0	NR
420	24	NR	550	510	NR	680	277	NR	810	4	NR	940	0	NR
425	43	NR	555	541	NR	685	238	NR	815	3	NR	945	0	NR
430	74	NR	560	582	NR	690	205	NR	820	3	NR	950	0	NR
435	128	NR	565	626	NR	695	175	NR	825	3	NR	955	0	NR
440	218	NR	570	677	NR	700	148	NR	830	2	NR	960	0	NR
445	352	NR	575	734	NR	705	126	NR	835	2	NR	965	0	NR
450	354	NR	580	793	NR	710	106	NR	840	2	NR	970	0	NR
455	230	NR	585	849	NR	715	89	NR	845	1	NR	975	0	NR
460	195	NR	590	907	NR	720	74	NR	850	1	NR	980	0	NR
465	164	NR	595	951	NR	725	61	NR	855	1	NR	985	0	NR
470	125	NR	600	981	NR	730	51	NR	860	1	NR	990	0	NR
475	122	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	996	NR	740	37	NR	870	1	NR	1000	0	NR
485	164	NR	615	976	NR	745	32	NR	875	1	NR			

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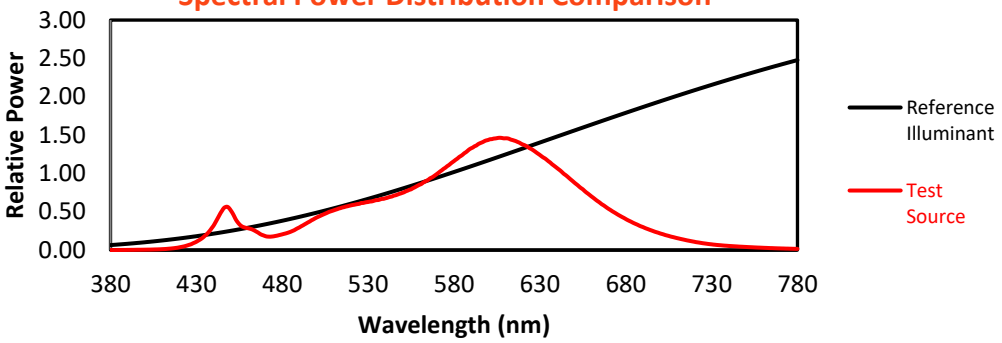
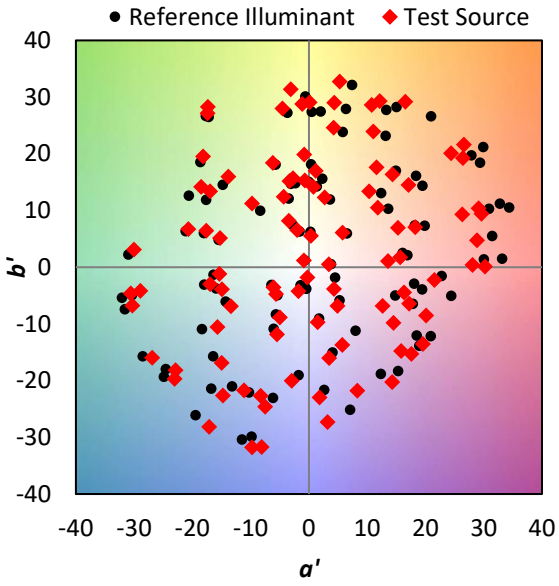
Summary

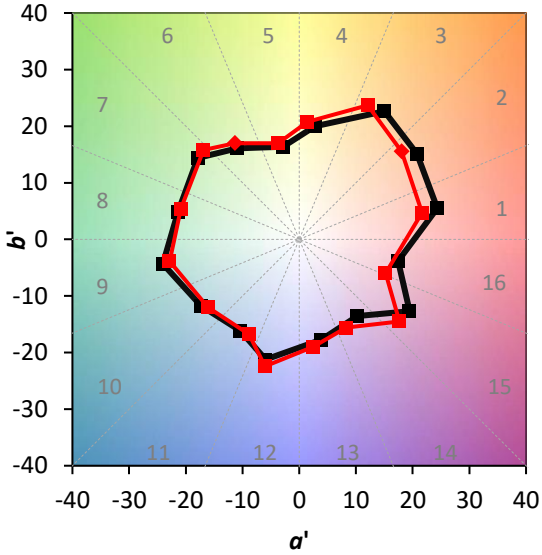
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

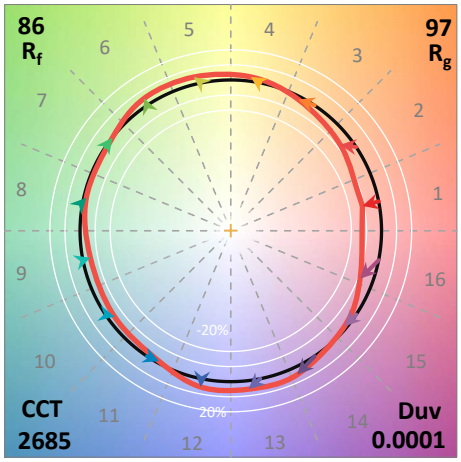
Spectral Power Distribution Comparison

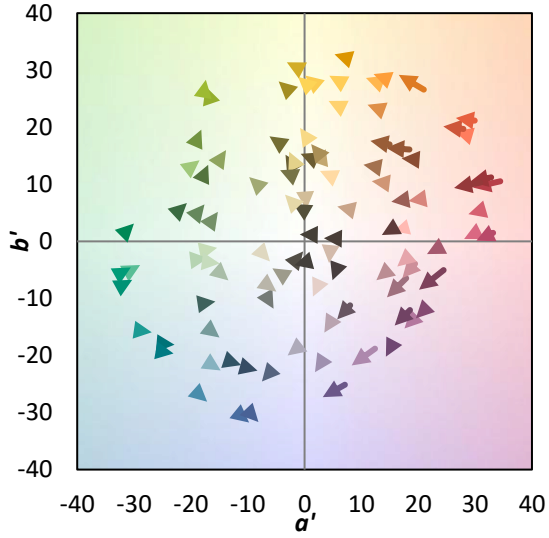


Color Vector Graphics









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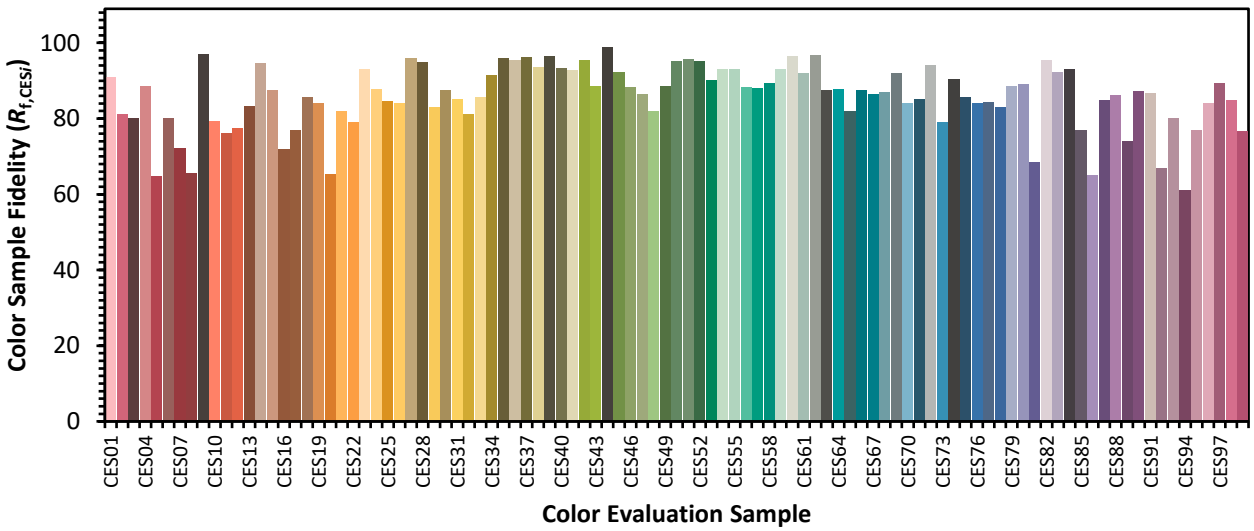
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 84	CES51 = 96	CES76 = 84
CES02 = 64	CES27 = 96	CES52 = 95	CES77 = 84
CES03 = 32	CES28 = 95	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 83	CES54 = 93	CES79 = 89
CES05 = 51	CES30 = 87	CES55 = 93	CES80 = 89
CES06 = 52	CES31 = 85	CES56 = 88	CES81 = 69
CES07 = 43	CES32 = 81	CES57 = 88	CES82 = 95
CES08 = 42	CES33 = 86	CES58 = 89	CES83 = 92
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 93
CES10 = 77	CES35 = 96	CES60 = 97	CES85 = 77
CES11 = 60	CES36 = 95	CES61 = 92	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 97	CES87 = 85
CES13 = 44	CES38 = 94	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 96	CES64 = 88	CES89 = 74
CES15 = 72	CES40 = 93	CES65 = 82	CES90 = 87
CES16 = 48	CES41 = 93	CES66 = 87	CES91 = 87
CES17 = 50	CES42 = 95	CES67 = 86	CES92 = 67
CES18 = 57	CES43 = 89	CES68 = 87	CES93 = 80
CES19 = 73	CES44 = 99	CES69 = 92	CES94 = 61
CES20 = 67	CES45 = 92	CES70 = 84	CES95 = 77
CES21 = 87	CES46 = 88	CES71 = 85	CES96 = 84
CES22 = 79	CES47 = 86	CES72 = 94	CES97 = 89
CES23 = 92	CES48 = 82	CES73 = 79	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 90	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 86	



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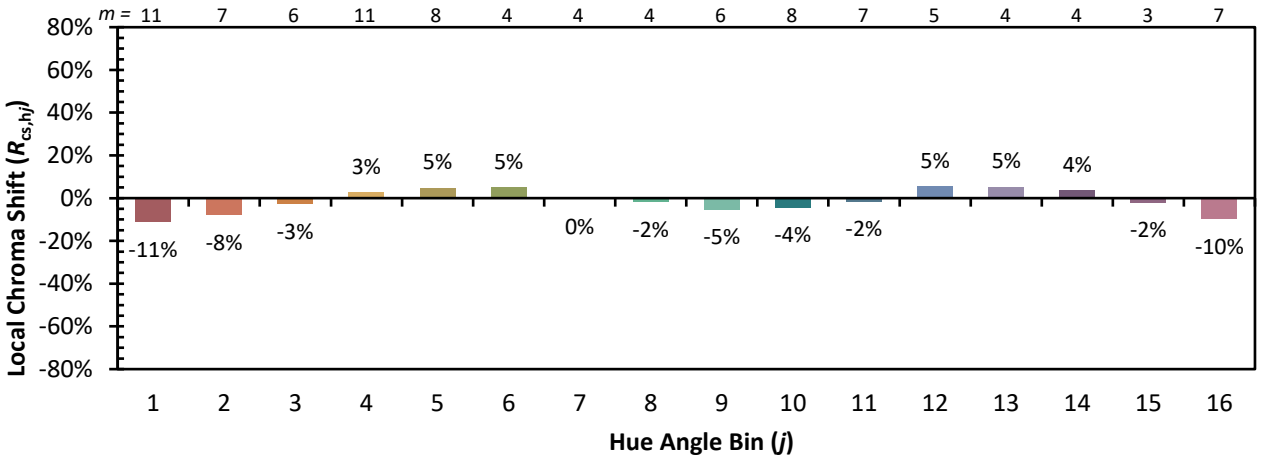
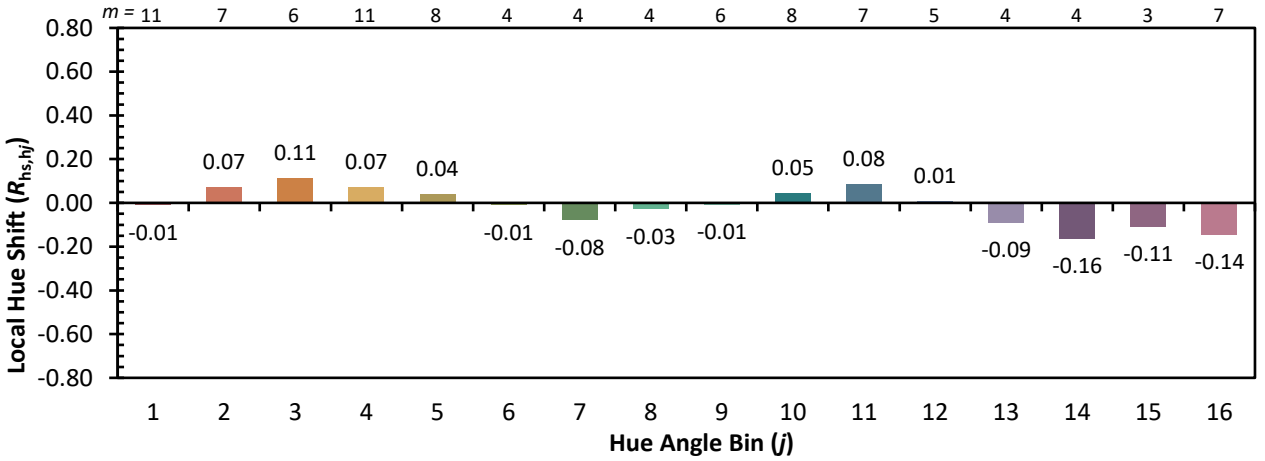
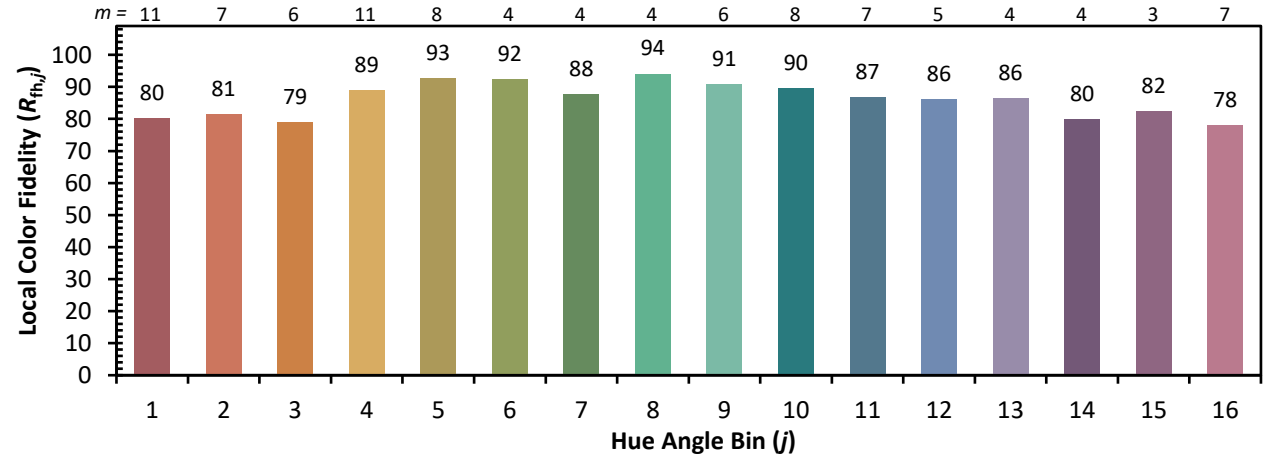
Color Rendition by Hue-Angle Bin







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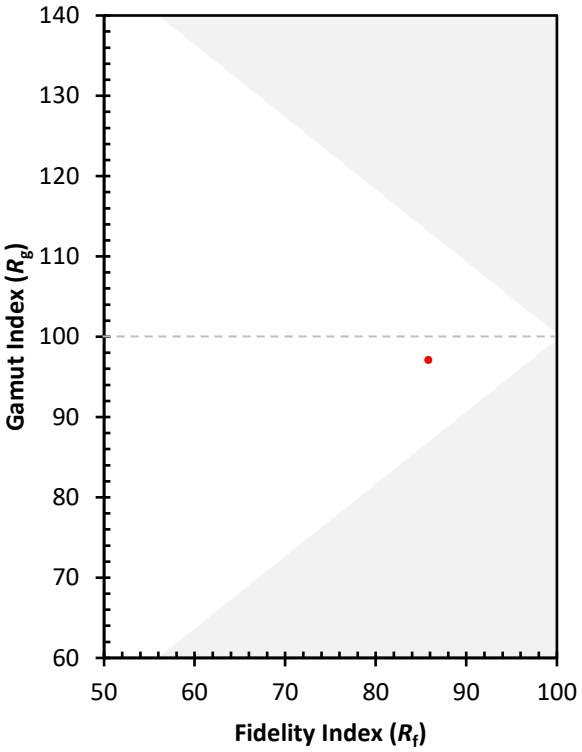
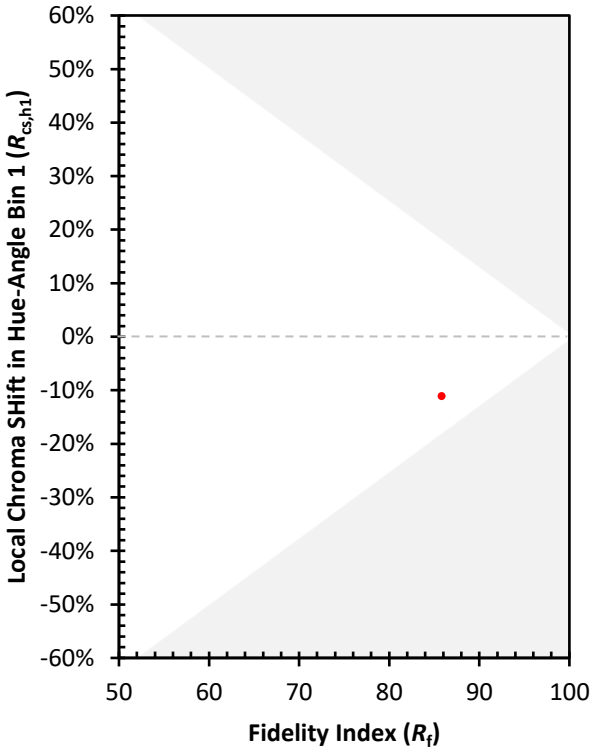
Measure Comparisons





(END OF REPORT)