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: P1459795

Luminaire Tested: LXW-CX-840-X-U-A-GM-CBP

Issue Date: 5/26/2026

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:	P1459795
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-28)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	5/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXW-CX-840-X-U-A-GM-CBP
Description:	LuxeScape 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:	401.3 lumens
Efficiency:	N/A
Efficacy:	45.1 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G0

Input Watts (W):	8.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	N/R
Total Harmonic Distortion (THDi):	N/R
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	3 HR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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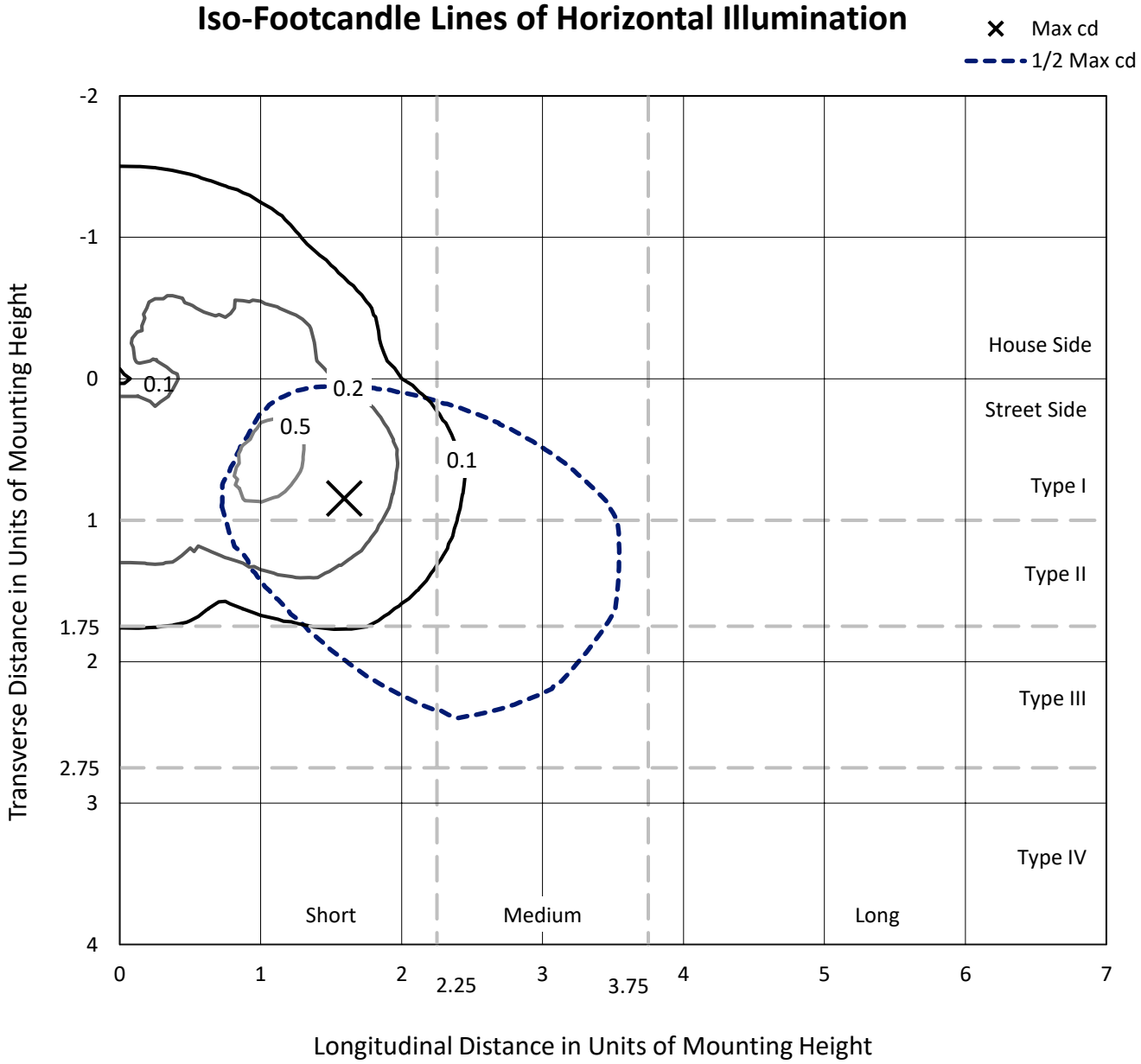
REPORT NUMBER: P1459795
CATALOG NUMBER: LXW-CX-840-X-U-A-GM-CBP

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 0.6 fc
Type III - Short - N/A

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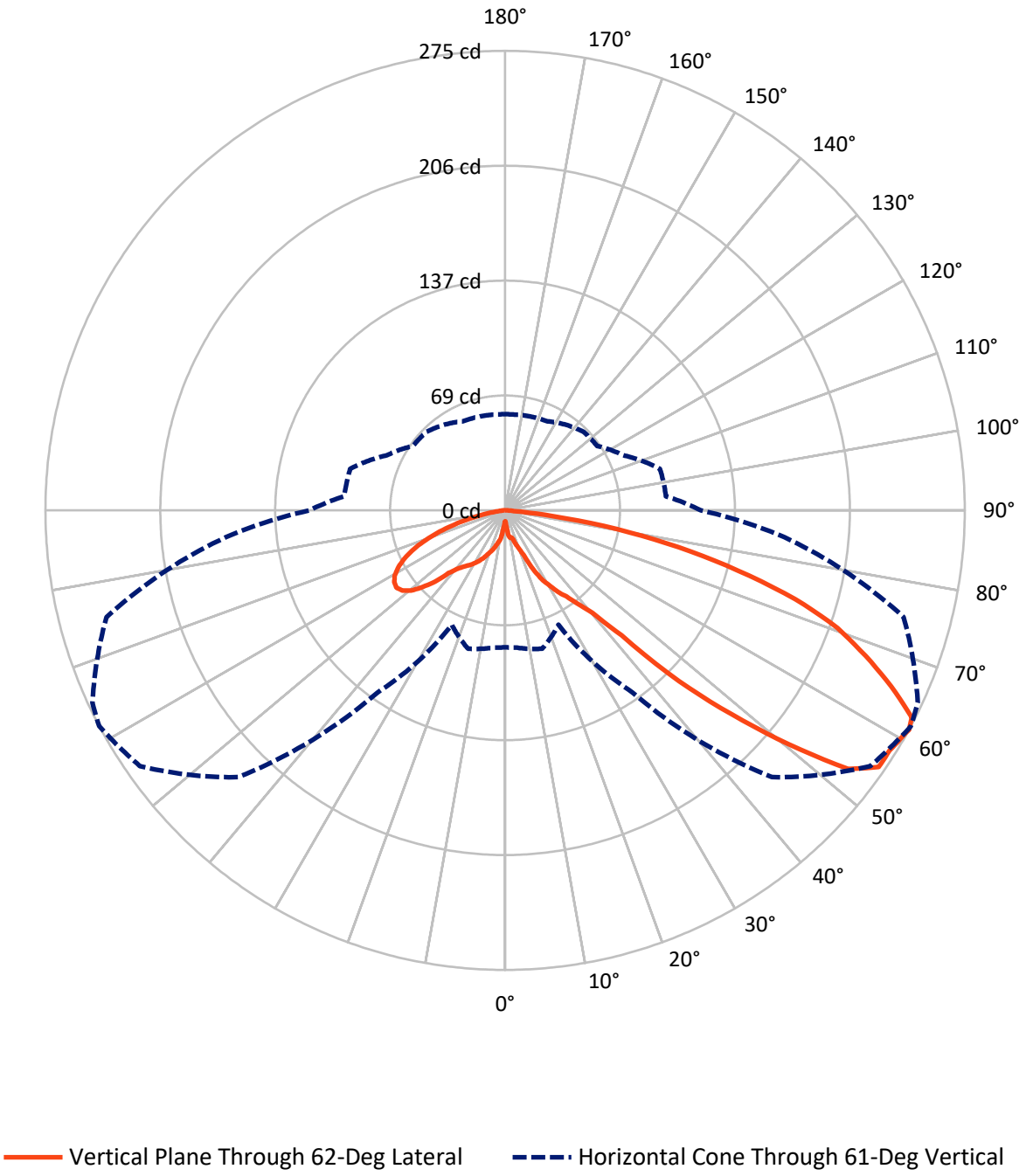
Luminous Intensity Polar Plot



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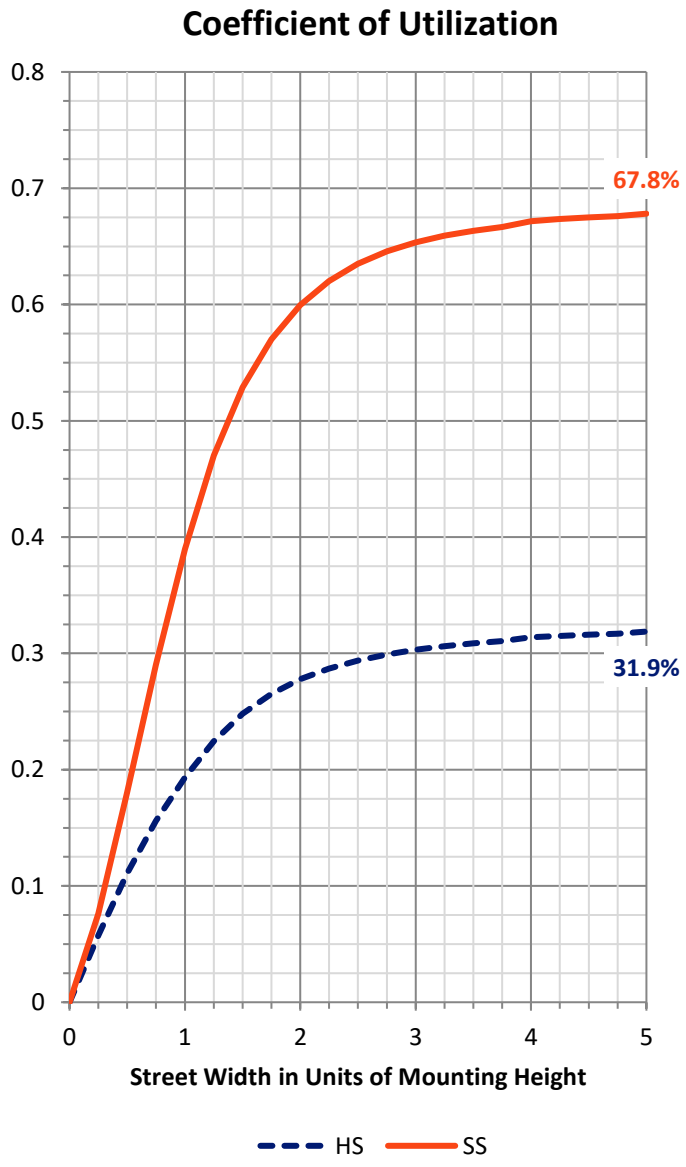
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	128.7	0.0	128.7
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	272.6	0.0	272.6
	% Fixture	67.9	0.0	67.9
Total	Lumens	401.3	0.0	401.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.4	0.3
10°-20°	6.7	1.7
20°-30°	15.7	3.9
30°-40°	29.0	7.2
40°-50°	61.8	15.4
50°-60°	108.7	27.1
60°-70°	108.1	26.9
70°-80°	61.8	15.4
80°-90°	8.1	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°	401.3	100.0
0°-180°	401.3	100.0



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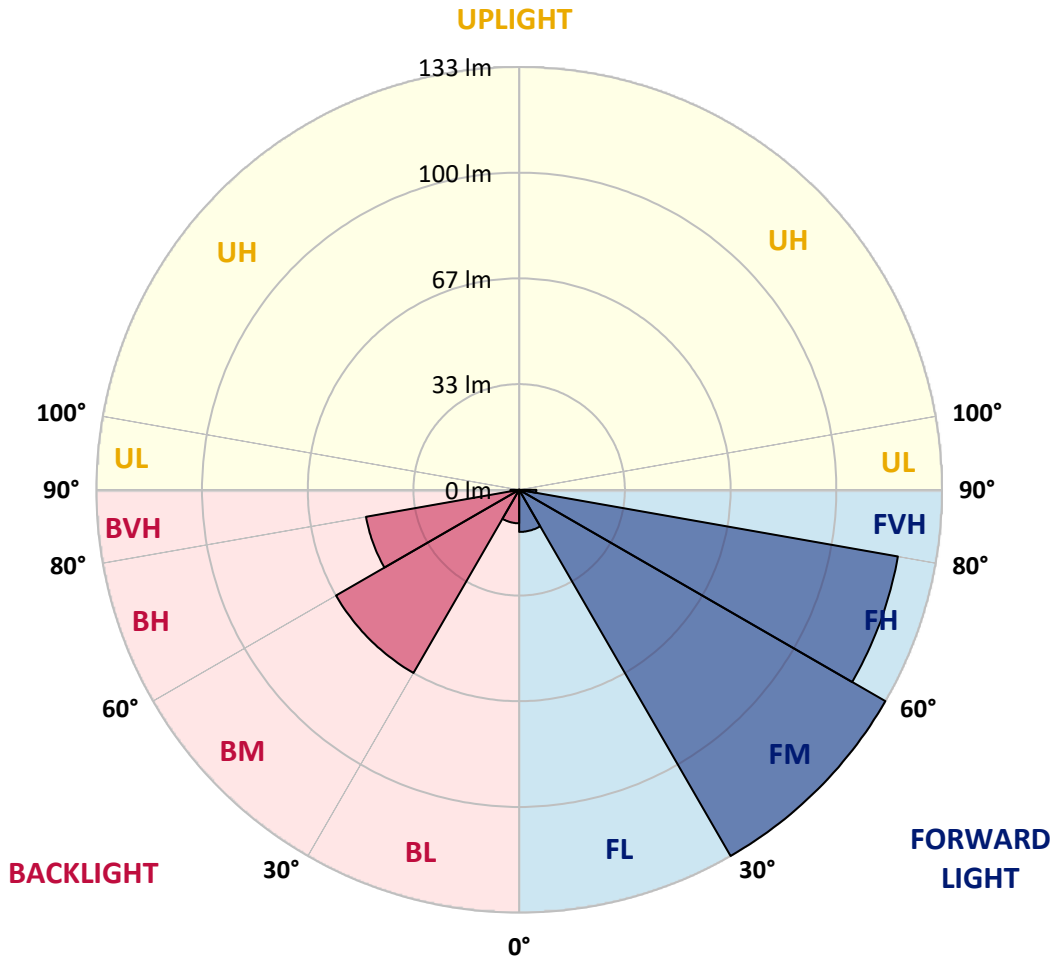
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	13.3	3.3			
FM	(30°-60°)	133.0	33.1			
FH	(60°-80°)	121.0	30.1			G0/660
FVH	(80°-90°)	5.4	1.3			G0/10
BL	(0°-30°)	10.5	2.6	B0/110		
BM	(30°-60°)	66.5	16.6	B0/220		
BH	(60°-80°)	48.9	12.2	B0/110		G0/110
BVH	(80°-90°)	2.7	0.7			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0
Type III Short



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REPORT NUMBER: P1459795
CATALOG NUMBER: LXW-CX-840-X-U-A-GM-CBP

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	*6.4*	6.4	6.4	6.4
2.5°	8.3	8.3	8.3	8.9	8.3	7.7	7.7	*7.7*	7.7	7.0	7.0
5°	14.1	14.1	14.1	13.4	12.8	12.8	11.5	*10.9*	10.2	9.6	9.6
7.5°	21.7	21.1	23.0	22.4	19.8	17.2	16.0	*15.3*	14.7	14.1	13.4
10°	27.5	28.7	26.2	25.6	24.3	21.1	17.9	*16.6*	16.0	15.3	14.1
12.5°	31.9	30.0	28.7	29.4	26.2	22.4	19.2	*16.6*	16.0	15.3	14.7
15°	33.9	34.5	33.9	32.6	28.7	23.6	19.8	*17.9*	17.9	16.6	17.2
17.5°	37.7	37.7	37.1	33.2	30.0	24.9	22.4	*21.7*	21.1	19.2	19.2
20°	40.2	40.9	40.9	34.5	31.3	27.5	26.2	*24.9*	24.3	23.0	21.1
22.5°	42.8	44.1	42.8	37.7	33.9	30.7	30.7	*30.0*	29.4	26.8	25.6
25°	46.0	46.0	44.7	39.0	36.4	34.5	38.3	*39.0*	37.7	31.9	30.0
27.5°	48.6	49.2	46.6	42.2	39.0	40.2	46.6	*46.6*	46.0	37.7	33.9
30°	51.1	51.1	49.2	44.1	41.5	46.0	51.7	*51.7*	51.7	46.0	38.3
32.5°	53.0	53.0	51.1	46.0	44.1	51.1	56.9	*58.1*	57.5	51.7	42.2
35°	54.3	54.9	52.4	47.9	46.6	56.2	62.0	*63.2*	63.2	58.1	46.0
37.5°	56.9	56.9	54.9	49.2	50.5	63.2	69.6	*70.9*	70.9	65.2	51.1
40°	59.4	58.8	57.5	52.4	54.9	72.2	78.6	*80.5*	80.5	75.4	57.5
42.5°	63.2	63.2	62.0	56.9	63.2	90.7	97.7	*102.2*	102.2	94.5	70.9
45°	74.1	74.1	74.7	69.0	80.5	125.2	141.2	*145.7*	144.4	131.0	92.6
47.5°	79.9	79.2	82.4	74.7	95.8	155.2	175.0	*182.1*	180.8	168.0	115.0
50°	86.2	86.2	91.4	83.1	114.4	188.5	213.4	*219.8*	219.1	201.2	134.8
52.5°	88.2	88.8	95.2	86.9	126.5	212.7	247.9	*256.8*	254.9	228.1	150.1
55°	88.8	90.1	95.8	86.2	132.2	226.2	265.1	*270.9*	269.6	242.8	159.7
57.5°	87.5	88.8	92.6	81.1	134.8	228.1	265.1	*270.9*	269.0	246.6	164.2
60°	83.7	85.0	88.2	77.3	134.2	226.8	264.5	*273.4*	270.9	247.2	164.8
61°	*81.8*	*82.4*	*85.6*	*75.4*	*132.9*	*225.5*	*266.4*	*274.7*	*272.1*	*246.6*	*163.5*
62.5°	77.9	79.2	81.8	71.6	129.0	222.3	264.5	*272.8*	270.9	244.0	160.4
65°	70.3	71.6	72.8	63.9	122.0	211.5	249.2	*253.6*	253.0	230.0	150.8
67.5°	61.3	62.0	63.9	55.6	112.4	195.5	226.8	*232.5*	231.3	211.5	138.6
70°	51.1	51.7	53.7	46.0	100.9	174.4	204.4	*210.8*	209.5	190.4	123.9
72.5°	39.6	40.2	41.5	35.8	85.6	148.9	175.0	*181.4*	180.8	164.2	106.0
75°	28.1	28.7	30.0	26.2	67.1	120.7	139.9	*143.7*	145.0	132.9	83.7
77.5°	17.9	17.9	18.5	16.6	47.9	88.2	102.9	*106.0*	107.3	97.7	60.7
80°	9.6	9.6	9.6	8.9	27.5	54.9	64.5	*67.7*	67.1	62.0	36.4
82.5°	4.5	4.5	4.5	3.8	10.2	21.1	26.2	*28.7*	30.7	26.2	14.7
85°	1.9	1.9	2.6	1.3	2.6	3.8	4.5	*5.1*	5.7	5.7	3.8
87.5°	1.9	1.9	1.9	0.6	1.3	1.9	2.6	*2.6*	2.6	1.9	1.9
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: P1459795
CATALOG NUMBER: LXW-CX-840-X-U-A-GM-CBP

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
2.5°	7.0	7.0	7.0	7.0	8.3	7.7	7.7	7.0	6.4	6.4	6.4
5°	8.9	8.3	8.9	10.2	10.2	10.9	11.5	11.5	10.9	10.9	10.9
7.5°	13.4	12.8	12.8	13.4	15.3	17.2	17.2	16.0	14.7	13.4	13.4
10°	14.1	14.1	14.7	16.6	21.1	21.7	21.7	19.2	17.9	17.2	17.2
12.5°	14.7	14.7	16.0	17.9	23.0	23.0	23.0	21.7	19.8	17.9	17.9
15°	17.2	17.2	18.5	21.1	23.6	24.9	25.6	24.3	21.7	17.2	17.2
17.5°	19.2	20.4	21.7	23.6	25.6	26.8	26.8	25.6	21.7	18.5	17.2
20°	21.7	23.0	26.2	26.2	26.8	28.1	28.1	26.2	21.1	18.5	17.9
22.5°	24.9	26.8	29.4	28.7	28.7	29.4	30.0	27.5	21.7	19.2	18.5
25°	30.0	30.7	31.9	31.3	31.3	30.0	31.9	29.4	24.3	21.1	21.1
27.5°	33.9	33.9	35.1	33.9	33.2	32.6	33.2	31.3	26.2	23.6	23.0
30°	36.4	37.1	38.3	36.4	35.1	33.9	34.5	32.6	28.1	25.6	25.6
32.5°	39.6	40.2	40.2	39.0	36.4	35.1	35.8	33.2	28.7	27.5	26.8
35°	42.8	42.8	42.8	40.9	38.3	37.1	37.1	34.5	30.0	28.7	28.1
37.5°	46.0	46.0	46.0	43.4	40.2	39.0	38.3	35.8	31.9	30.7	30.0
40°	51.1	49.8	49.8	46.6	42.8	40.9	40.2	36.4	33.9	32.6	32.6
42.5°	60.7	58.1	57.5	51.7	47.3	44.7	43.4	39.6	37.1	35.8	35.1
45°	76.0	70.9	70.9	61.3	55.6	53.7	51.7	46.6	44.7	42.8	42.2
47.5°	90.7	83.1	83.1	69.6	61.3	60.1	57.5	51.7	49.8	47.9	47.3
50°	104.8	93.3	93.3	76.7	67.1	65.8	62.6	58.1	55.6	53.7	53.7
52.5°	115.0	100.9	100.9	81.1	70.3	69.6	66.4	61.3	58.8	56.9	56.9
55°	119.5	102.9	102.9	83.1	71.6	70.9	67.7	63.2	60.1	58.8	58.8
57.5°	120.1	100.9	100.9	82.4	70.9	70.3	65.8	61.3	60.1	59.4	58.8
60°	118.2	97.7	97.7	79.9	68.4	67.7	63.9	59.4	58.8	58.1	58.1
61°	*116.9*	*96.5*	*95.8*	*77.9*	*67.1*	*66.4*	*62.6*	*58.8*	*58.1*	*57.5*	*57.5*
62.5°	115.0	93.3	93.3	75.4	64.5	64.5	60.7	57.5	56.2	56.2	56.2
65°	107.3	86.2	85.6	69.6	59.4	59.4	56.2	54.3	53.0	53.0	53.0
67.5°	97.1	76.7	76.0	62.0	53.0	53.0	50.5	49.2	48.6	48.6	49.2
70°	85.0	66.4	65.2	53.0	45.4	46.0	43.4	44.1	43.4	43.4	44.1
72.5°	72.2	54.9	53.7	42.8	37.1	38.3	37.1	38.3	37.1	37.7	38.3
75°	56.2	42.2	40.9	31.9	28.7	30.0	29.4	31.3	30.7	31.3	31.3
77.5°	39.0	28.7	27.5	21.7	20.4	21.7	21.7	23.6	23.0	24.3	24.3
80°	22.4	17.2	16.0	12.8	12.8	13.4	14.1	16.0	16.0	16.6	17.2
82.5°	8.9	7.0	7.0	5.7	6.4	7.0	7.0	8.9	8.9	9.6	9.6
85°	1.9	2.6	3.2	2.6	2.6	2.6	1.9	3.2	3.2	3.8	3.8
87.5°	1.3	1.3	1.9	1.9	1.9	1.9	1.3	1.9	2.6	3.2	3.2
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: SP1-2509-539-8

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

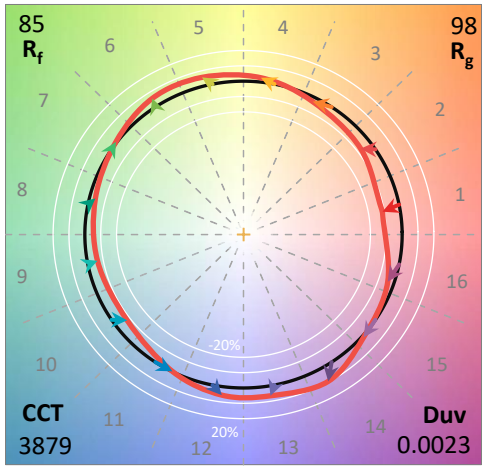
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-8
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-C1-840-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	3879
CIE u':	0.2261
CIE v':	0.5068
Duv:	0.0023
CIE x:	0.3878
CIE y:	0.3863
CIE z:	0.2260
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	578
Purity:	32.30035
Rf:	84.8
Rg:	97.9

CRI (Ra):	83.0				
R1:	81.2	R9:	8.2
R2:	87.4	R10:	71.6
R3:	93.9	R11:	84.7
R4:	84.2	R12:	68.5
R5:	81.9	R13:	82.3
R6:	84.2	R14:	96.6
R7:	86.4	R15:	73.7
R8:	65.2		



Test Conditions

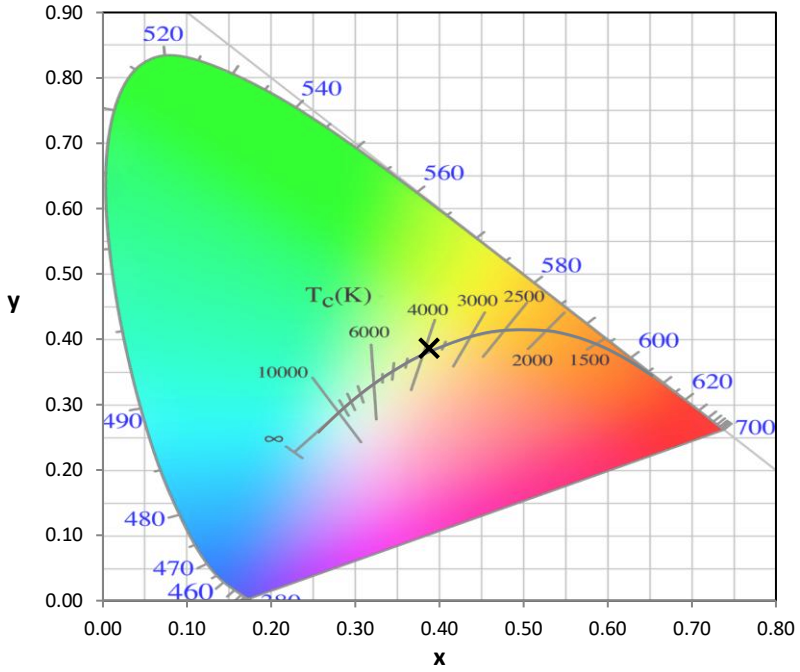
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-8

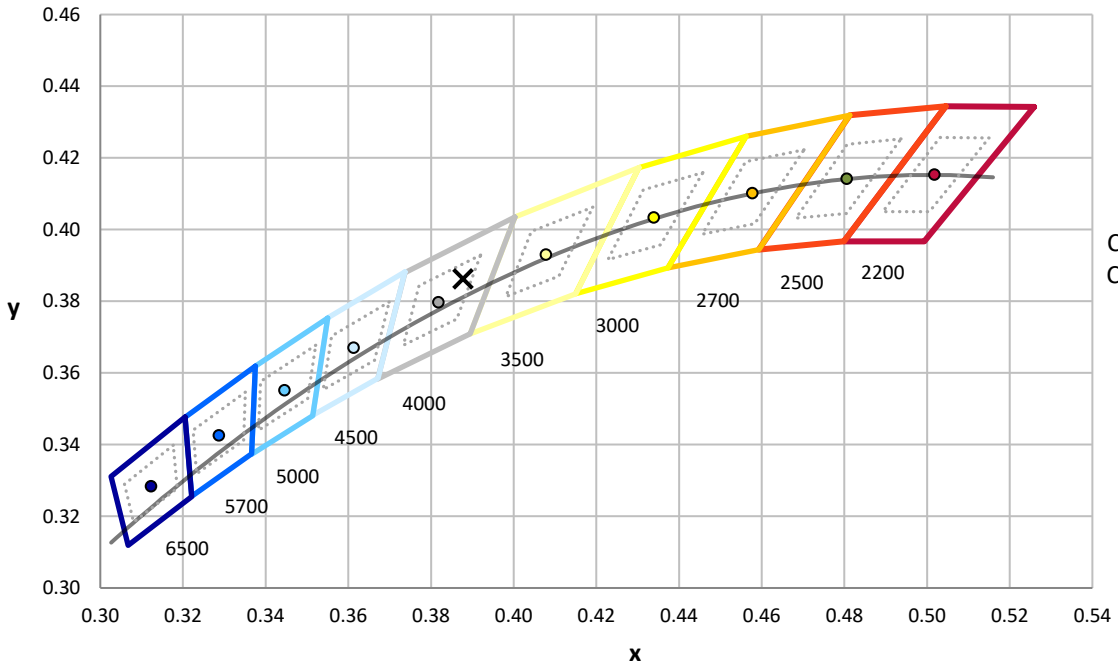
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-8

CIE 1931 Chromaticity Diagram



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

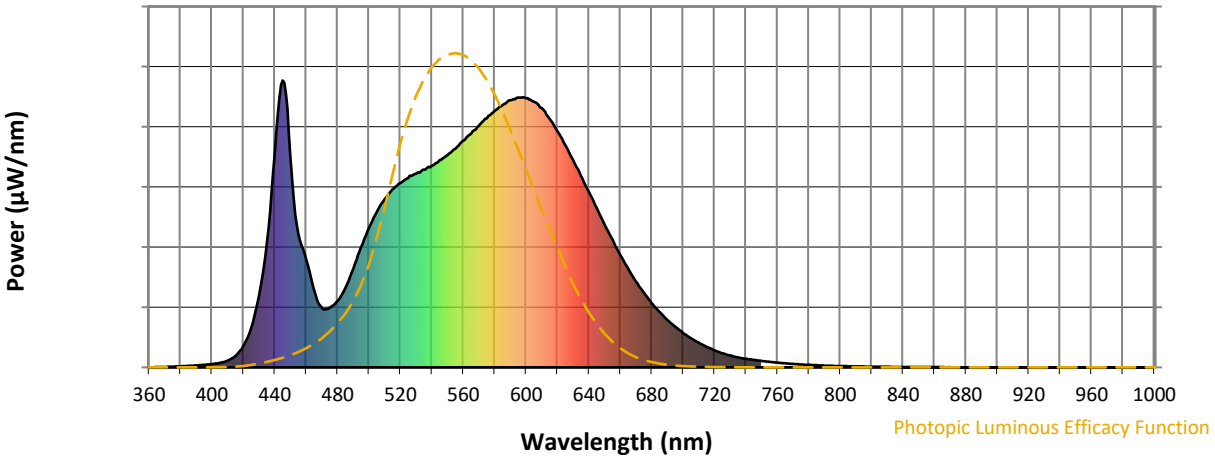


CCT = 3879K
CIE x = 0.3878
CIE y = 0.3863
Duv = 0.0023

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-8

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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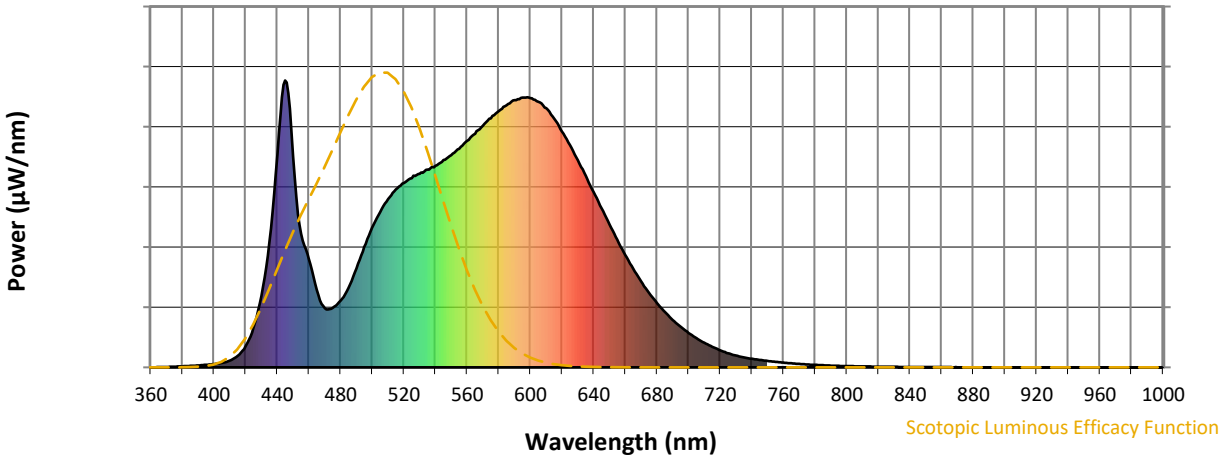
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.63**

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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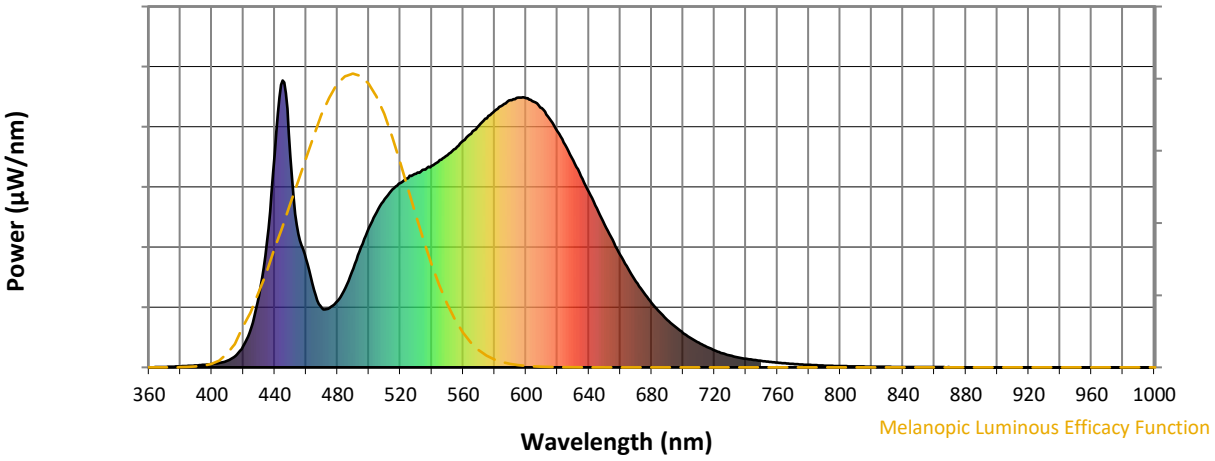
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.25**

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	345	NR	620	822	NR	750	23	NR	880	0	NR
365	1	NR	495	419	NR	625	776	NR	755	19	NR	885	0	NR
370	1	NR	500	487	NR	630	722	NR	760	16	NR	890	0	NR
375	3	NR	505	541	NR	635	667	NR	765	14	NR	895	0	NR
380	4	NR	510	586	NR	640	611	NR	770	12	NR	900	0	NR
385	5	NR	515	620	NR	645	555	NR	775	10	NR	905	0	NR
390	7	NR	520	643	NR	650	498	NR	780	9	NR	910	0	NR
395	9	NR	525	660	NR	655	445	NR	785	7	NR	915	0	NR
400	11	NR	530	675	NR	660	391	NR	790	6	NR	920	0	NR
405	15	NR	535	690	NR	665	344	NR	795	5	NR	925	0	NR
410	24	NR	540	702	NR	670	300	NR	800	4	NR	930	0	NR
415	40	NR	545	723	NR	675	260	NR	805	4	NR	935	0	NR
420	75	NR	550	740	NR	680	224	NR	810	3	NR	940	0	NR
425	139	NR	555	762	NR	685	193	NR	815	3	NR	945	0	NR
430	249	NR	560	790	NR	690	166	NR	820	3	NR	950	0	NR
435	437	NR	565	814	NR	695	141	NR	825	2	NR	955	0	NR
440	741	NR	570	843	NR	700	120	NR	830	2	NR	960	0	NR
445	1000	NR	575	868	NR	705	102	NR	835	2	NR	965	0	NR
450	734	NR	580	894	NR	710	86	NR	840	1	NR	970	0	NR
455	466	NR	585	914	NR	715	72	NR	845	1	NR	975	0	NR
460	378	NR	590	932	NR	720	60	NR	850	1	NR	980	0	NR
465	270	NR	595	940	NR	725	49	NR	855	1	NR	985	0	NR
470	207	NR	600	938	NR	730	41	NR	860	1	NR	990	0	NR
475	207	NR	605	926	NR	735	35	NR	865	1	NR	995	0	NR
480	232	NR	610	903	NR	740	30	NR	870	1	NR	1000	0	NR
485	276	NR	615	867	NR	745	26	NR	875	0	NR			

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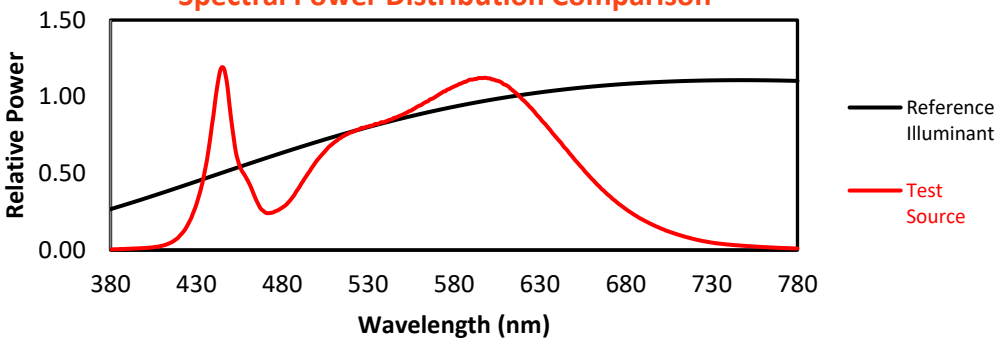
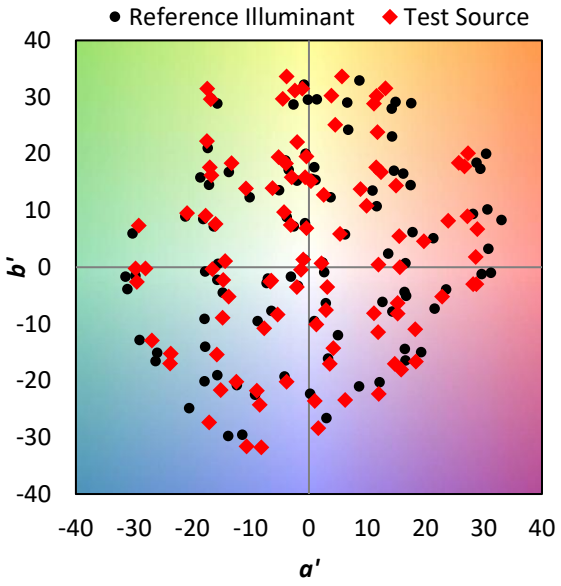
Summary

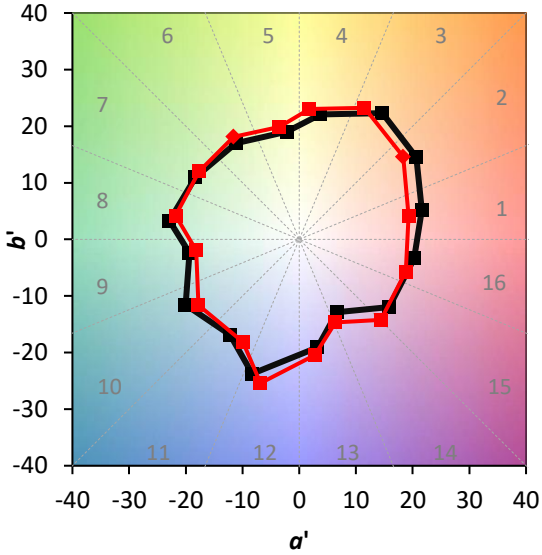
R_f = 84.8
R_g = 97.9
CIE R_a = 83.0
R_9 = 8.2

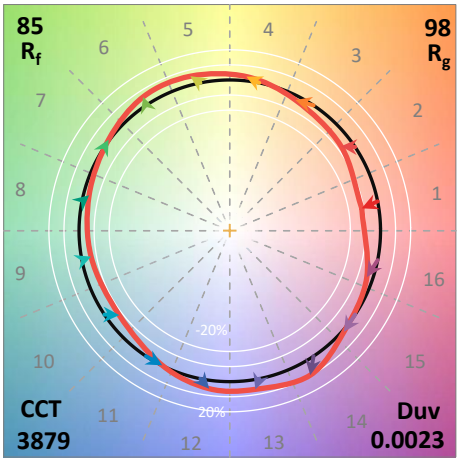
Spectral Power Distribution Comparison

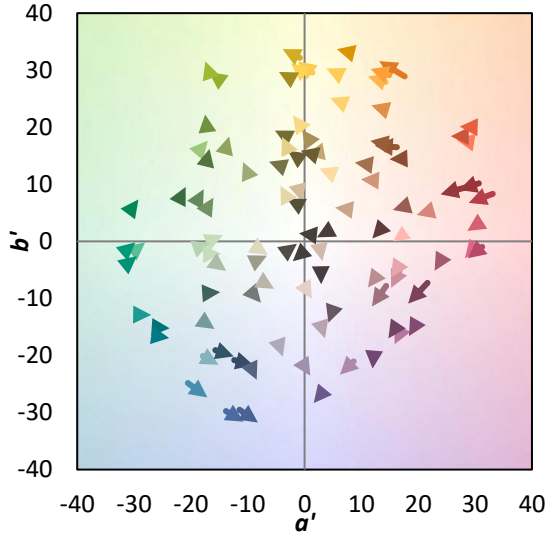


Color Vector Graphics









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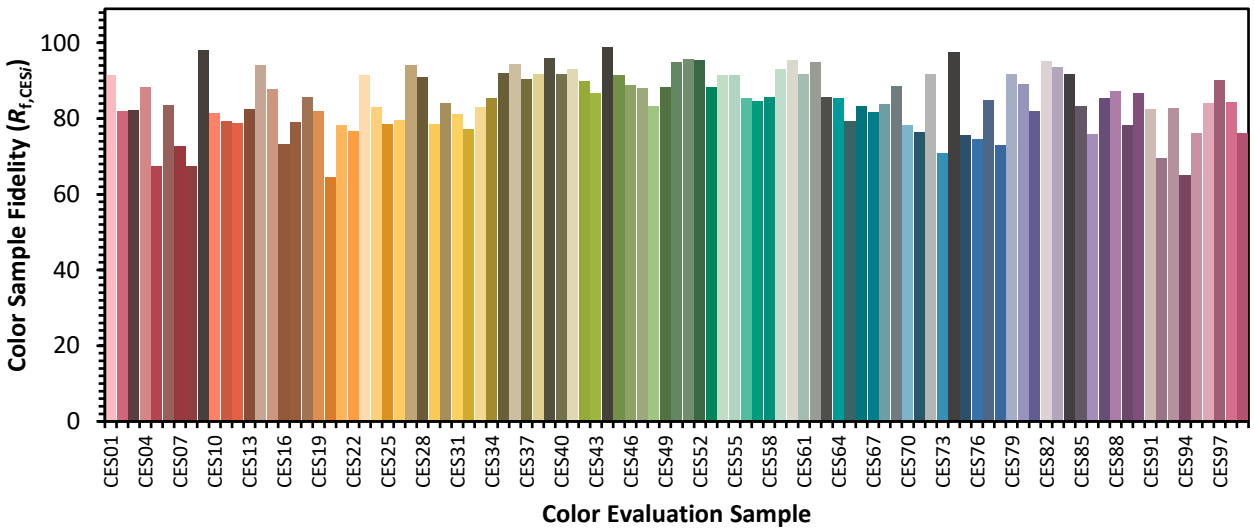
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 80	CES51 = 96	CES76 = 74
CES02 = 61	CES27 = 94	CES52 = 95	CES77 = 85
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 73
CES04 = 69	CES29 = 79	CES54 = 91	CES79 = 92
CES05 = 48	CES30 = 84	CES55 = 91	CES80 = 89
CES06 = 50	CES31 = 81	CES56 = 85	CES81 = 82
CES07 = 41	CES32 = 77	CES57 = 85	CES82 = 95
CES08 = 40	CES33 = 83	CES58 = 86	CES83 = 94
CES09 = 29	CES34 = 85	CES59 = 93	CES84 = 92
CES10 = 74	CES35 = 92	CES60 = 95	CES85 = 83
CES11 = 57	CES36 = 94	CES61 = 92	CES86 = 76
CES12 = 63	CES37 = 90	CES62 = 95	CES87 = 85
CES13 = 43	CES38 = 92	CES63 = 86	CES88 = 87
CES14 = 74	CES39 = 96	CES64 = 85	CES89 = 78
CES15 = 71	CES40 = 92	CES65 = 79	CES90 = 87
CES16 = 47	CES41 = 93	CES66 = 83	CES91 = 82
CES17 = 49	CES42 = 90	CES67 = 82	CES92 = 69
CES18 = 56	CES43 = 87	CES68 = 84	CES93 = 83
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 65
CES20 = 65	CES45 = 92	CES70 = 78	CES95 = 76
CES21 = 86	CES46 = 89	CES71 = 76	CES96 = 84
CES22 = 78	CES47 = 88	CES72 = 92	CES97 = 90
CES23 = 91	CES48 = 83	CES73 = 71	CES98 = 84
CES24 = 90	CES49 = 88	CES74 = 97	CES99 = 76
CES25 = 71	CES50 = 95	CES75 = 76	



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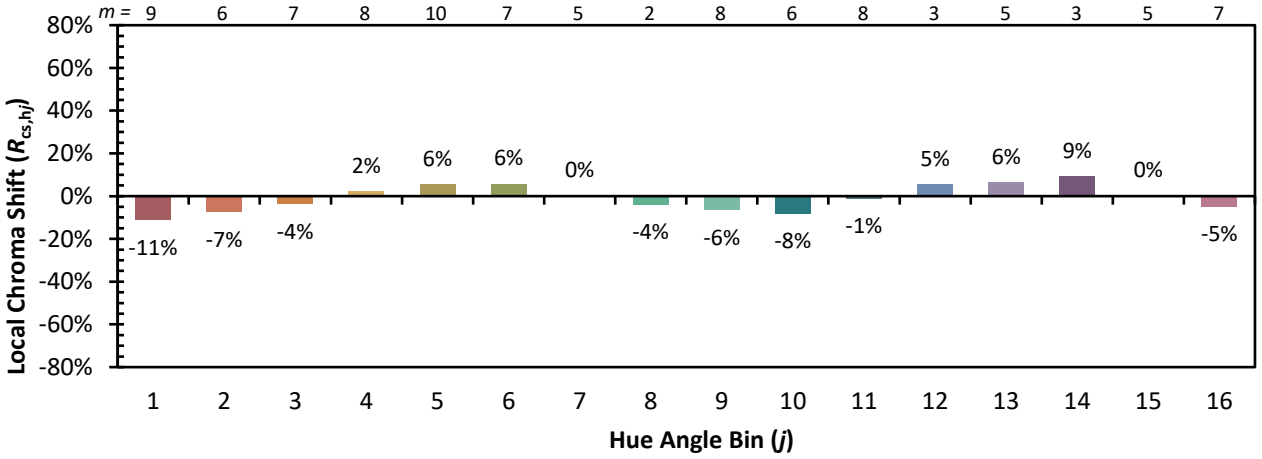
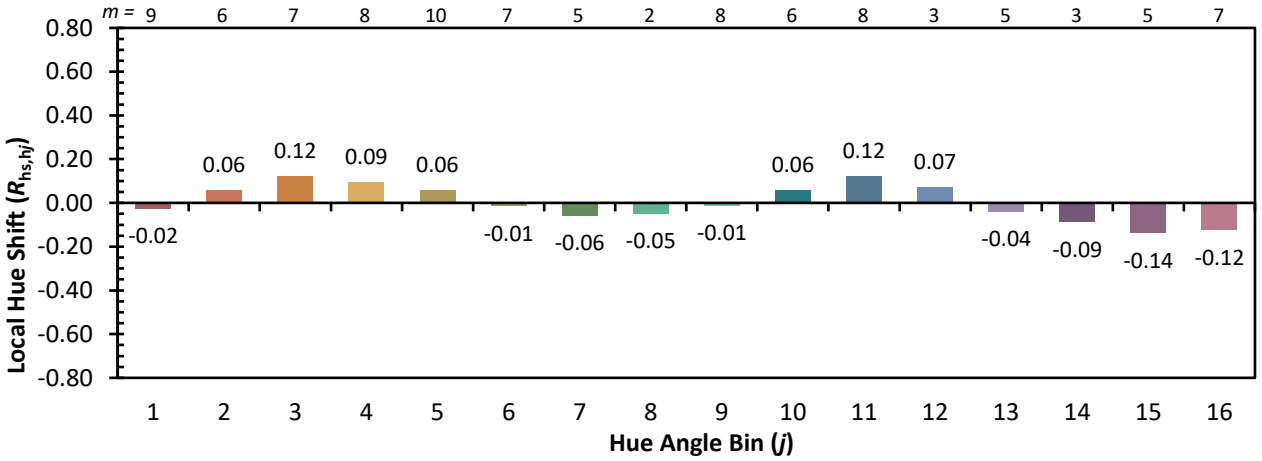
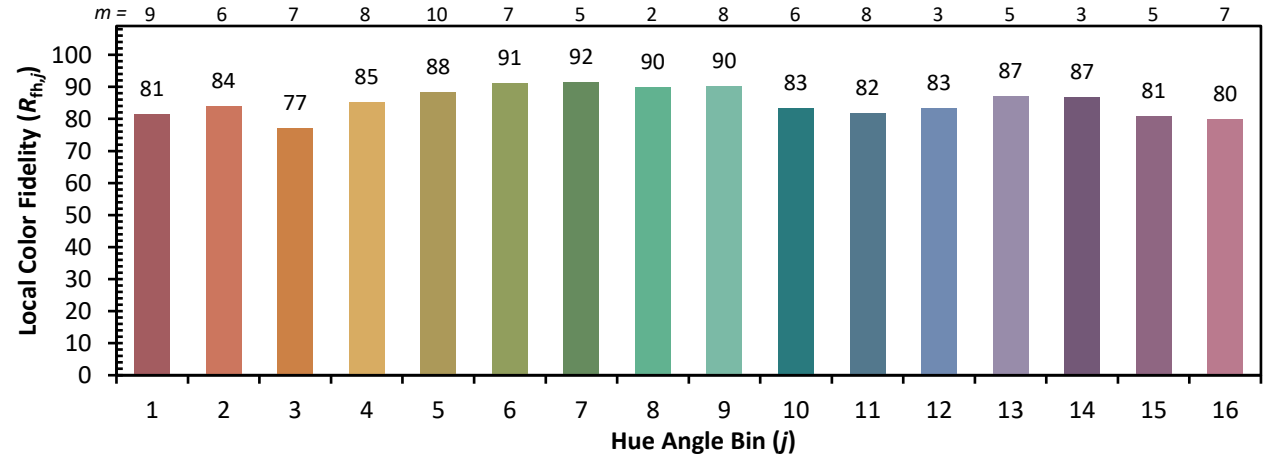
Color Rendition by Hue-Angle Bin







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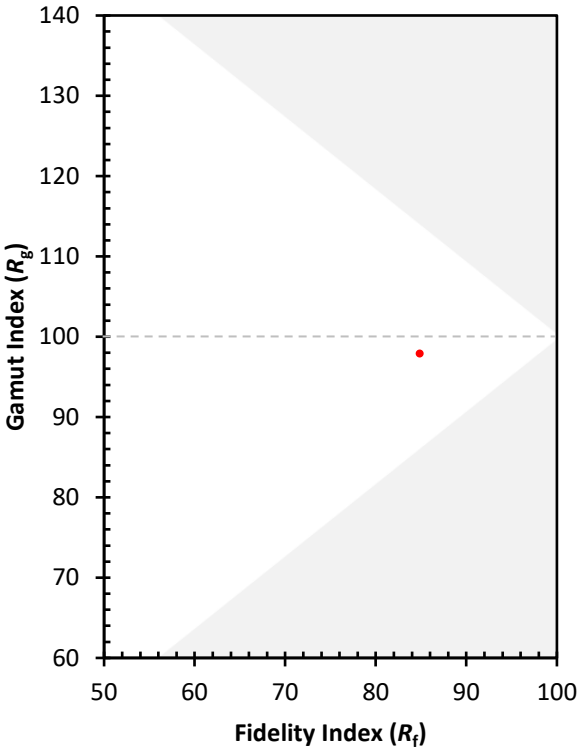
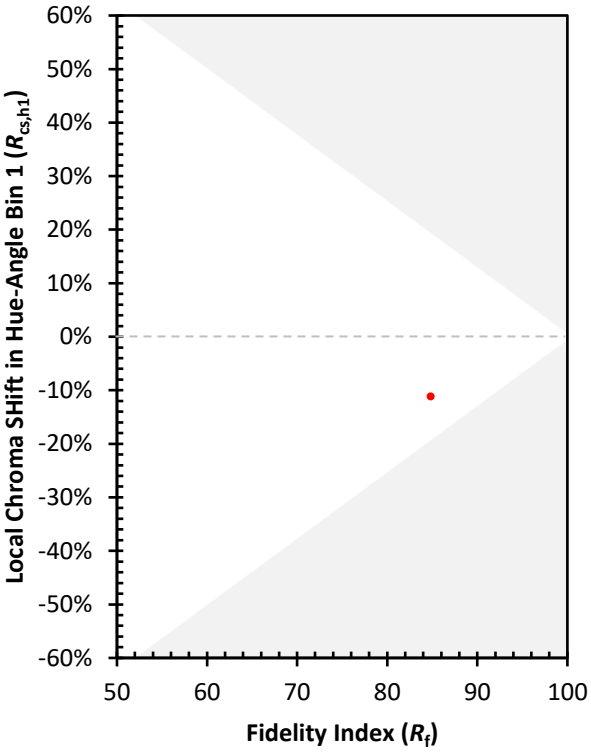
Measure Comparisons





(END OF REPORT)