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: P1442051

Luminaire Tested: ABB-C3-840-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:	P1442051
	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:	ABB-C3-840-X-U-A-GM
Description:	ARBOR 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:	1001.3 lumens
Efficiency:	N/A
Efficacy:	42.2 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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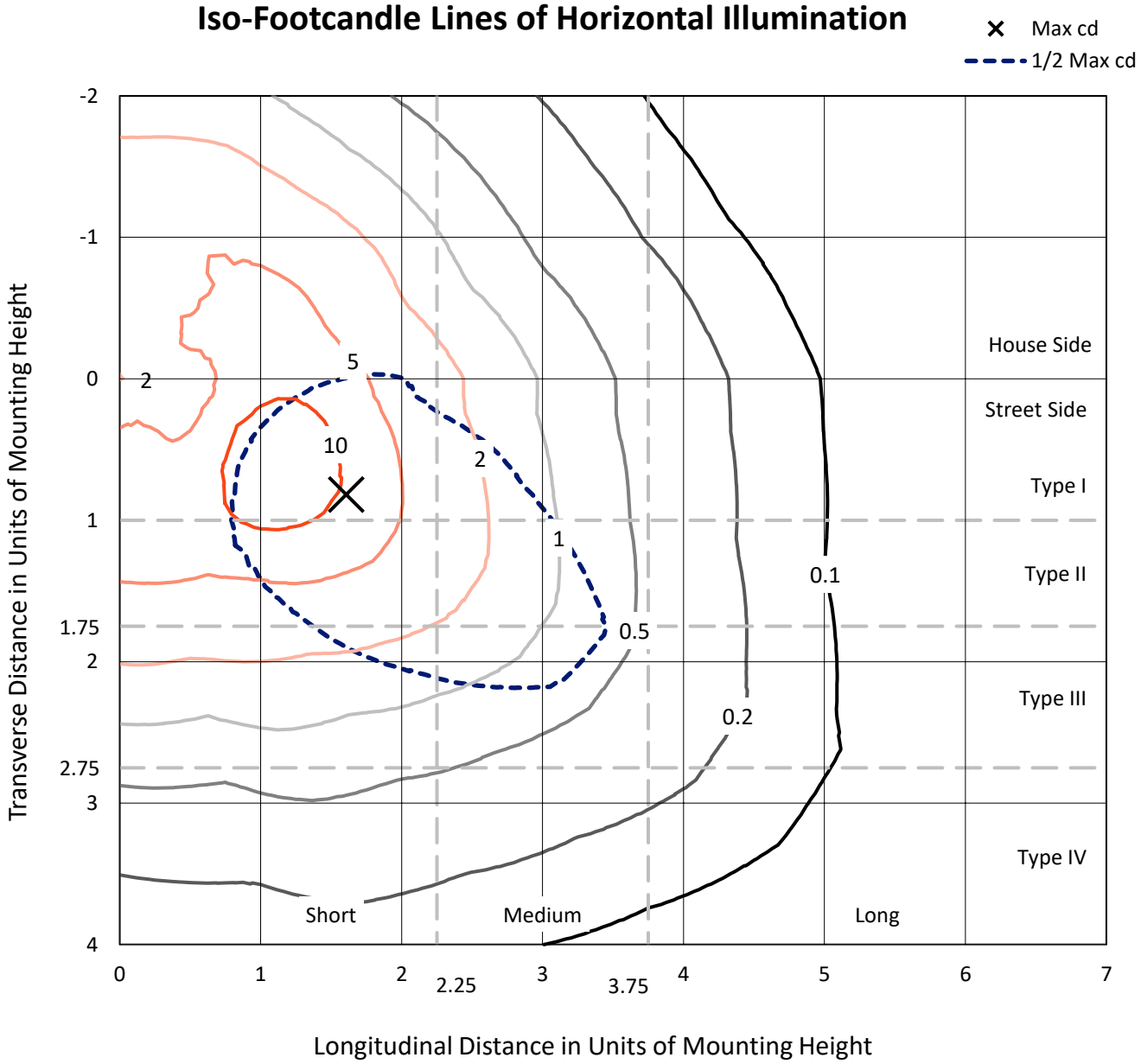
REPORT NUMBER: P1442051
CATALOG NUMBER: ABB-C3-840-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 16.7 fc
Type III - Short - N/A

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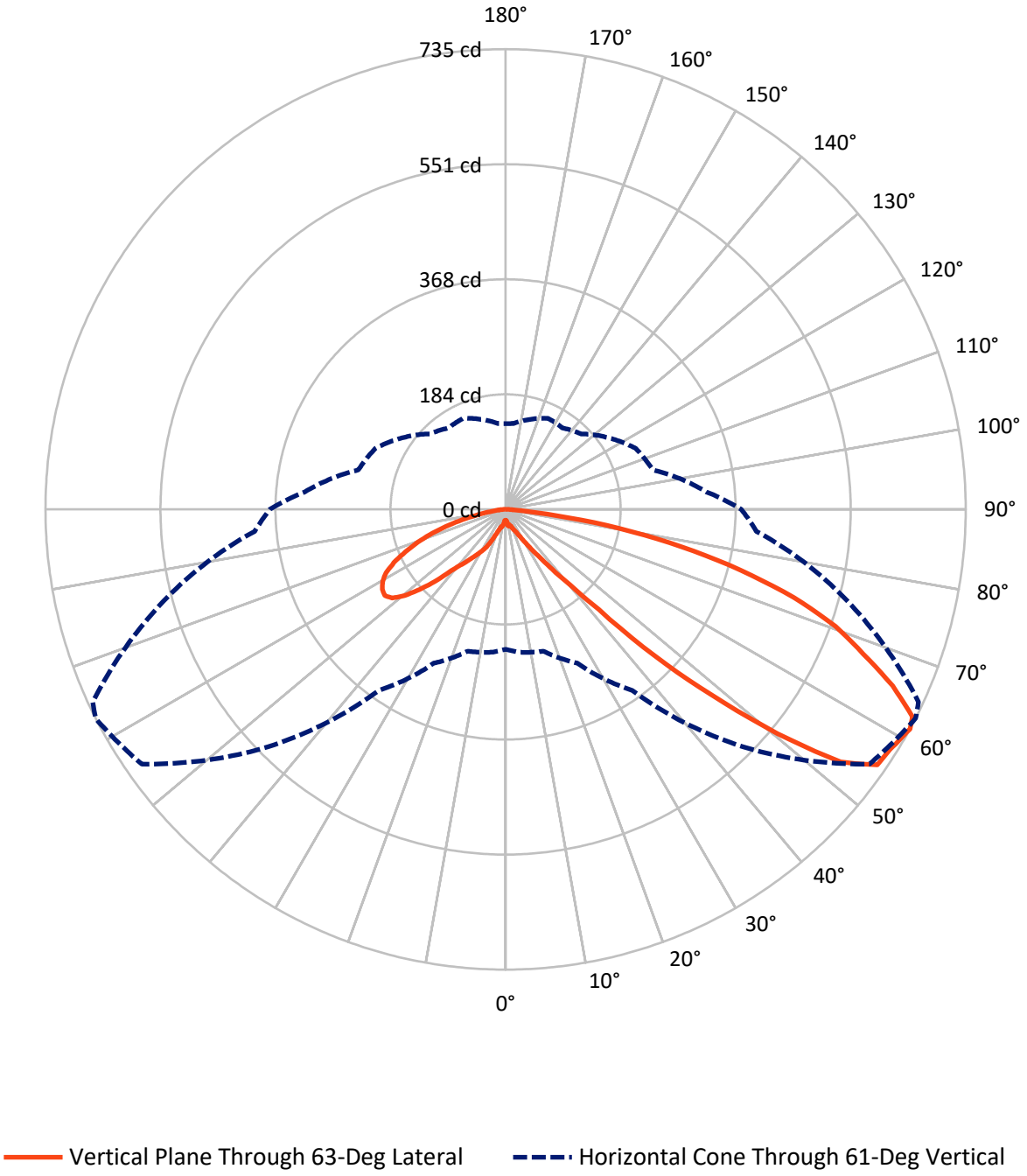
Luminous Intensity Polar Plot



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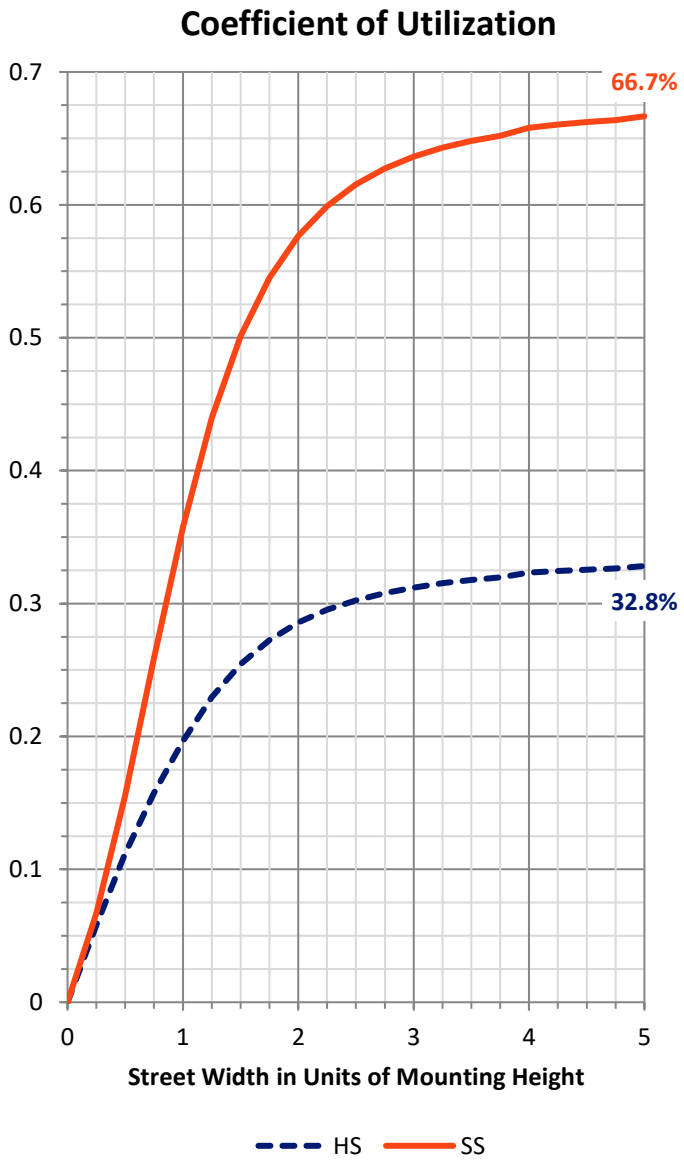
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	331.0	0.0	331.0
	% Fixture	33.1	0.0	33.1
Street Side	Lumens	670.3	0.0	670.3
	% Fixture	66.9	0.0	66.9
Total	Lumens	1001.3	0.0	1001.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.4	0.2
10°-20°	9.9	1.0
20°-30°	24.9	2.5
30°-40°	56.9	5.7
40°-50°	148.1	14.8
50°-60°	283.8	28.3
60°-70°	286.6	28.6
70°-80°	165.6	16.5
80°-90°	23.0	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°	1001.3	100.0
0°-180°	1001.3	100.0



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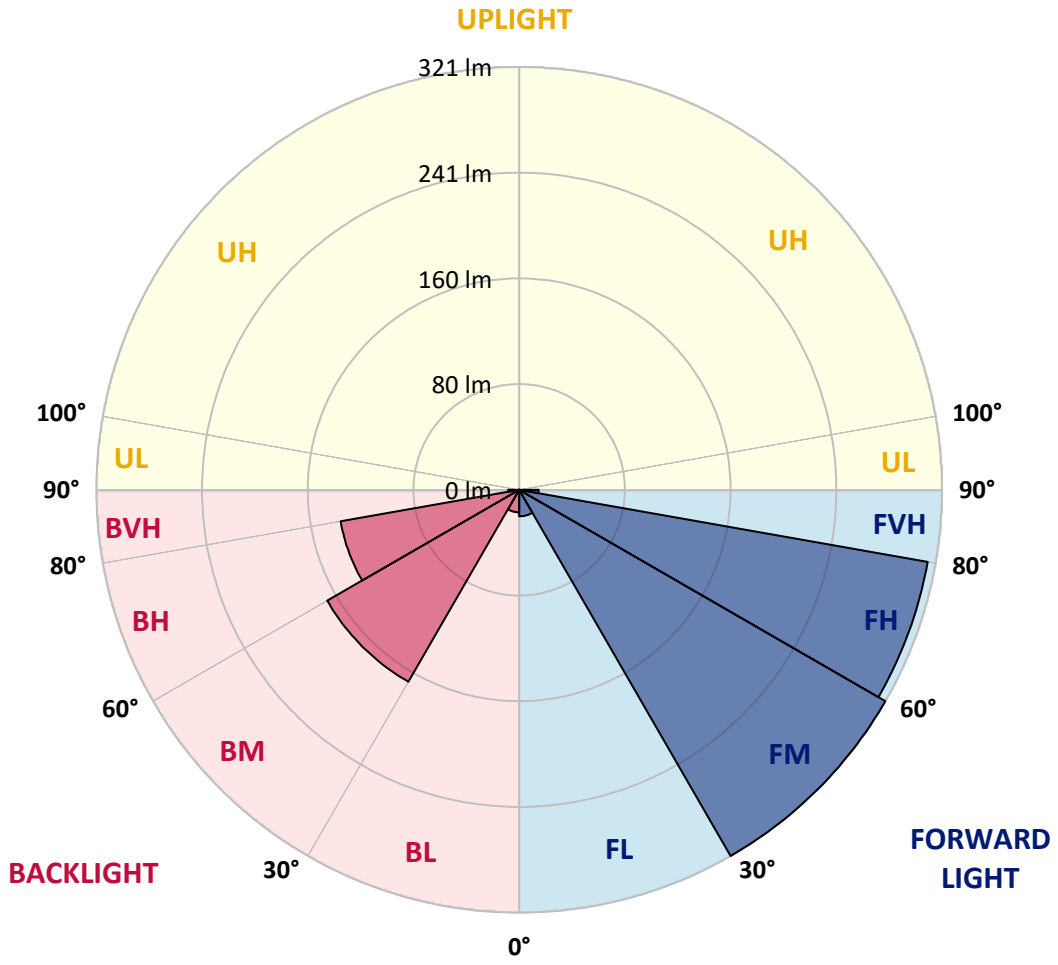
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	20.1	2.0			
FM	(30°-60°)	320.8	32.0			
FH	(60°-80°)	314.6	31.4			G0/660
FVH	(80°-90°)	14.8	1.5			G1/100
BL	(0°-30°)	17.1	1.7	B0/110		
BM	(30°-60°)	168.2	16.8	B0/220		
BH	(60°-80°)	137.5	13.7	B1/500		G1/500
BVH	(80°-90°)	8.3	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: P1442051
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	*17.3*	17.3	17.3	17.3
2.5°	31.9	30.1	28.3	27.4	24.6	23.7	22.8	*21.0*	21.0	19.2	18.2
5°	39.2	37.4	32.8	28.3	26.4	22.8	19.2	*18.2*	18.2	18.2	16.4
7.5°	42.9	39.2	38.3	31.9	31.0	31.0	30.1	*25.5*	24.6	22.8	22.8
10°	42.0	42.0	42.0	36.5	35.6	33.7	30.1	*27.4*	27.4	24.6	25.5
12.5°	38.3	38.3	42.9	41.0	34.7	33.7	30.1	*24.6*	24.6	23.7	22.8
15°	39.2	41.0	47.4	46.5	42.9	36.5	31.0	*28.3*	27.4	25.5	24.6
17.5°	49.2	48.3	48.3	49.2	48.3	40.1	32.8	*28.3*	29.2	27.4	27.4
20°	55.6	55.6	55.6	54.7	52.9	42.9	35.6	*32.8*	31.9	31.0	30.1
22.5°	66.6	65.7	68.4	63.8	58.4	46.5	40.1	*36.5*	37.4	35.6	32.8
25°	83.0	85.7	75.7	66.6	61.1	50.2	43.8	*41.0*	42.0	42.9	38.3
27.5°	100.3	99.4	83.9	74.8	67.5	56.5	52.0	*49.2*	51.1	51.1	47.4
30°	109.4	113.1	97.6	84.8	74.8	66.6	61.1	*60.2*	62.9	62.9	56.5
32.5°	121.3	123.1	107.6	93.0	83.9	78.4	77.5	*74.8*	77.5	73.9	67.5
35°	134.1	135.0	122.2	102.1	95.8	94.8	97.6	*93.9*	97.6	88.5	80.3
37.5°	143.2	145.0	134.1	114.0	108.5	111.3	122.2	*121.3*	125.9	112.2	95.8
40°	151.4	156.0	145.9	127.7	124.9	134.1	156.9	*158.7*	166.0	145.0	114.9
42.5°	163.2	167.8	161.4	144.1	147.7	167.8	214.3	*218.9*	235.3	196.1	149.6
45°	188.8	192.4	192.4	177.8	189.7	235.3	326.5	*333.8*	352.9	275.4	203.4
47.5°	206.1	206.1	212.5	203.4	228.9	308.3	432.3	*442.3*	458.7	357.5	259.9
50°	228.9	228.9	242.6	241.7	283.6	406.8	541.7	*562.7*	575.5	449.6	323.8
52.5°	236.2	240.8	257.2	265.4	326.5	473.3	644.8	*670.3*	677.6	518.9	369.4
55°	240.8	246.2	259.9	272.7	350.2	522.6	705.0	*720.5*	714.1	563.6	391.2
57.5°	240.8	244.4	255.4	271.8	352.9	540.8	706.8	*724.1*	716.8	578.2	401.3
60°	231.6	234.4	240.8	270.9	353.9	539.0	705.9	*731.4*	725.0	573.6	404.9
61°	*223.4*	*228.9*	*234.4*	*270.9*	*352.9*	*536.3*	*709.5*	*735.1*	*727.8*	*565.4*	*402.2*
62.5°	213.4	219.8	223.4	270.0	345.6	525.3	705.9	*729.6*	715.9	550.8	391.2
65°	194.3	197.9	198.8	260.8	323.8	487.9	664.8	*679.4*	659.4	511.6	362.1
67.5°	166.9	170.5	173.3	244.4	299.1	442.3	605.6	*616.5*	600.1	460.6	332.9
70°	137.7	142.3	148.7	223.4	270.0	389.4	542.6	*559.1*	541.7	402.2	301.0
72.5°	105.8	112.2	123.1	191.5	232.6	330.1	464.2	*481.5*	461.5	334.7	256.3
75°	76.6	83.0	97.6	155.0	188.8	262.7	372.1	*388.5*	365.7	262.7	207.0
77.5°	50.2	54.7	69.3	111.3	137.7	191.5	280.0	*287.3*	264.5	180.6	149.6
80°	30.1	33.7	43.8	66.6	81.2	121.3	179.7	*184.2*	161.4	102.1	89.4
82.5°	19.2	20.1	22.8	27.4	27.4	56.5	79.3	*80.3*	60.2	31.0	35.6
85°	11.9	12.8	10.9	9.1	10.0	11.9	11.9	*12.8*	10.9	9.1	9.1
87.5°	9.1	9.1	8.2	7.3	7.3	7.3	9.1	*9.1*	9.1	7.3	7.3
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: P1442051
CATALOG NUMBER: ABB-C3-840-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
2.5°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	18.2	18.2	19.2	19.2
5°	15.5	16.4	18.2	18.2	19.2	19.2	20.1	20.1	18.2	17.3	17.3
7.5°	22.8	23.7	22.8	23.7	23.7	21.9	21.9	22.8	23.7	21.9	21.0
10°	24.6	23.7	23.7	25.5	30.1	26.4	28.3	28.3	27.4	24.6	23.7
12.5°	23.7	24.6	25.5	27.4	29.2	34.7	31.9	31.9	30.1	27.4	26.4
15°	24.6	26.4	27.4	28.3	32.8	38.3	36.5	34.7	32.8	27.4	27.4
17.5°	28.3	29.2	31.0	31.9	37.4	42.0	42.0	36.5	33.7	29.2	28.3
20°	30.1	31.0	35.6	37.4	42.9	44.7	48.3	42.0	37.4	32.8	31.9
22.5°	32.8	33.7	39.2	45.6	49.2	50.2	52.0	44.7	38.3	35.6	33.7
25°	39.2	39.2	44.7	55.6	58.4	53.8	54.7	48.3	40.1	35.6	34.7
27.5°	47.4	49.2	54.7	68.4	63.8	59.3	59.3	52.0	42.0	37.4	36.5
30°	59.3	57.5	64.8	76.6	72.0	66.6	64.8	55.6	44.7	39.2	38.3
32.5°	71.1	70.2	75.7	84.8	82.1	73.0	69.3	60.2	47.4	41.0	39.2
35°	83.0	83.9	87.6	94.8	90.3	78.4	75.7	64.8	51.1	43.8	42.9
37.5°	98.5	99.4	98.5	106.7	99.4	86.6	83.0	70.2	56.5	51.1	48.3
40°	115.8	117.6	114.9	118.6	109.4	96.7	92.1	78.4	66.6	60.2	59.3
42.5°	145.9	146.8	138.6	136.8	124.9	111.3	108.5	93.0	82.1	75.7	73.0
45°	189.7	185.1	171.5	165.1	148.7	129.5	126.8	112.2	99.4	93.9	92.1
47.5°	236.2	229.8	205.2	191.5	169.6	150.5	145.0	134.1	119.5	112.2	110.4
50°	292.8	269.0	238.0	217.1	190.6	171.5	161.4	152.3	135.9	127.7	124.9
52.5°	335.6	296.4	256.3	236.2	205.2	180.6	169.6	164.2	147.7	137.7	135.0
55°	353.9	311.9	263.6	243.5	210.7	183.3	170.5	167.8	152.3	141.4	139.5
57.5°	363.0	318.3	259.0	241.7	207.0	179.7	166.0	165.1	152.3	141.4	141.4
60°	375.7	322.8	249.0	234.4	202.5	174.2	161.4	162.3	149.6	139.5	138.6
61°	*376.7*	*321.9*	*243.5*	*229.8*	*199.7*	*170.5*	*158.7*	*160.5*	*148.7*	*137.7*	*136.8*
62.5°	373.9	317.4	235.3	222.5	192.4	164.2	154.1	156.9	144.1	134.1	133.2
65°	354.8	301.9	217.1	203.4	174.2	150.5	142.3	146.8	135.9	124.9	124.9
67.5°	332.0	281.8	196.1	178.8	155.0	135.0	129.5	132.2	124.0	114.0	114.0
70°	298.2	253.5	173.3	153.2	134.1	117.6	114.0	118.6	111.3	101.2	101.2
72.5°	253.5	216.1	148.7	125.9	109.4	99.4	97.6	102.1	94.8	86.6	87.6
75°	201.6	171.5	117.6	95.8	83.9	80.3	79.3	82.1	77.5	71.1	71.1
77.5°	144.1	121.3	83.0	66.6	60.2	61.1	58.4	60.2	58.4	52.9	53.8
80°	83.9	67.5	47.4	40.1	38.3	40.1	38.3	39.2	39.2	35.6	36.5
82.5°	31.9	23.7	21.0	21.9	21.0	21.9	18.2	19.2	20.1	21.0	21.0
85°	9.1	9.1	10.0	10.9	10.9	10.0	9.1	9.1	10.0	11.9	11.9
87.5°	7.3	6.4	7.3	8.2	8.2	8.2	7.3	7.3	8.2	9.1	10.0
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

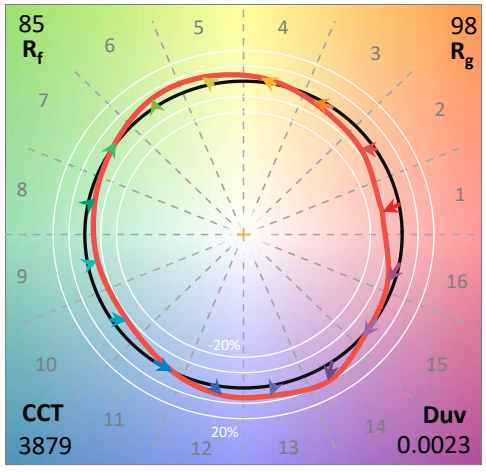
Test Information

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



Test Conditions

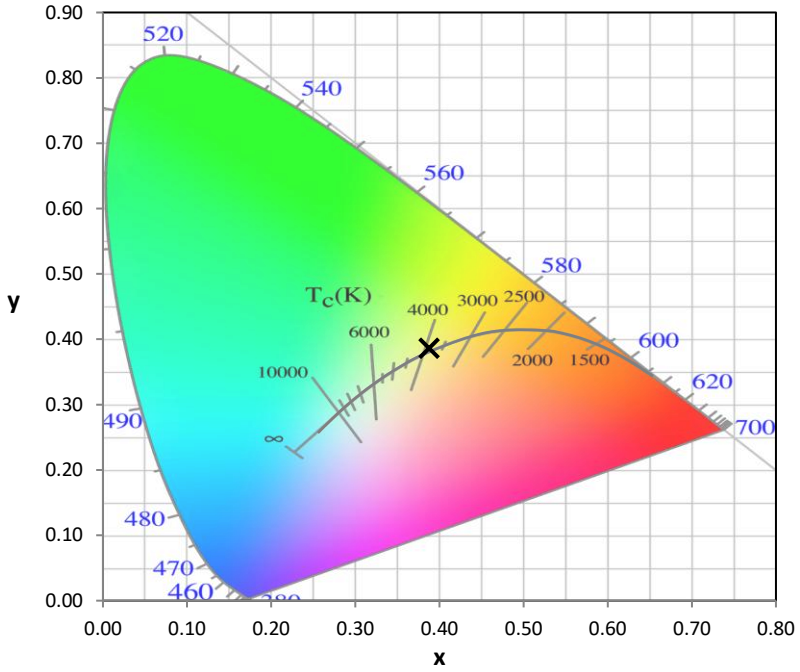
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-8

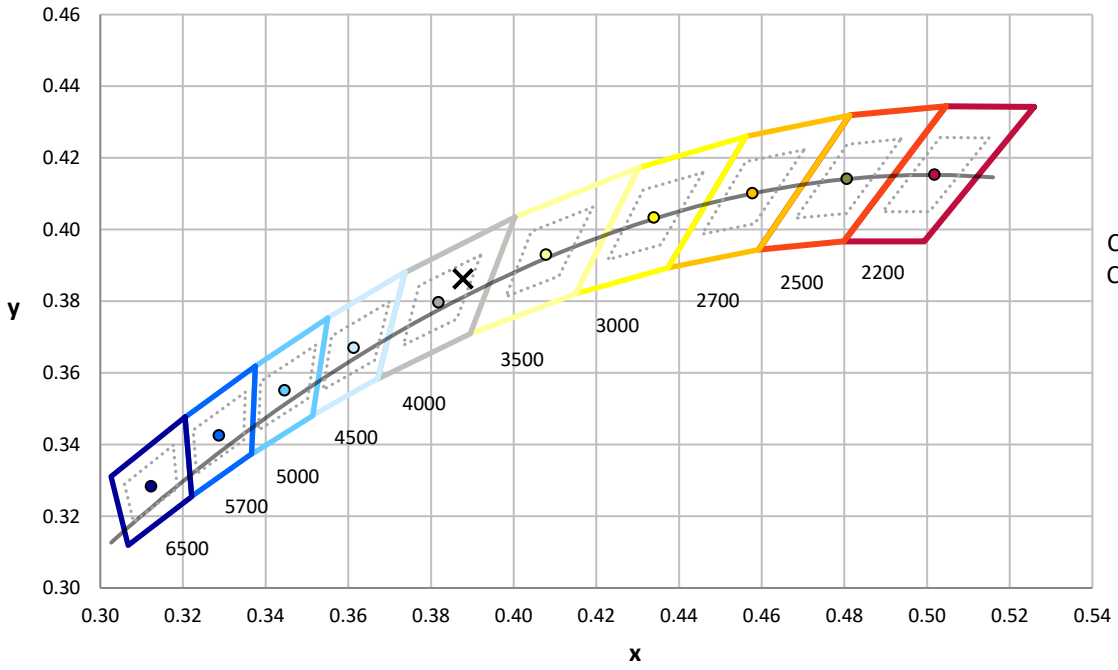
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

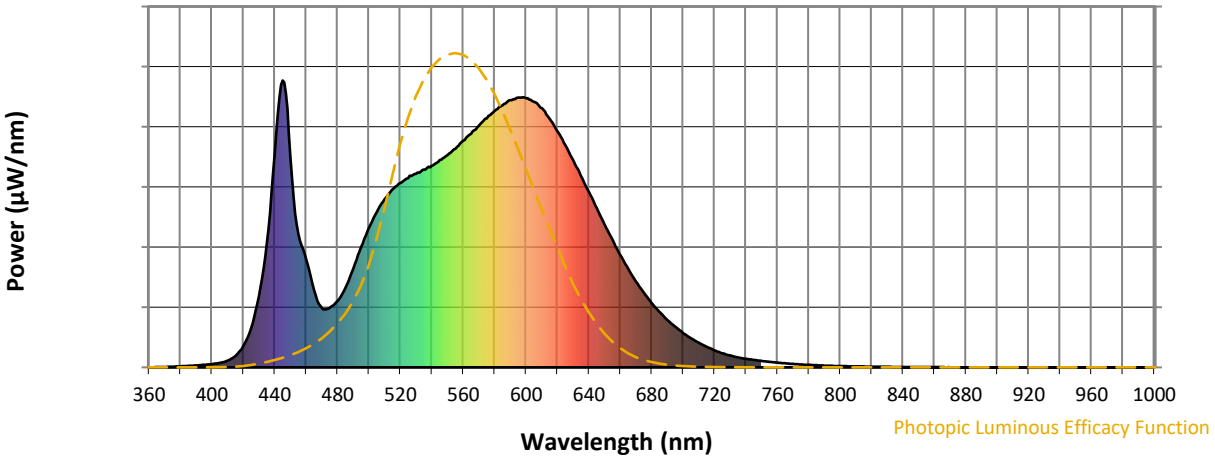


CCT = 3879K
CIE x = 0.3878
CIE y = 0.3863
Duv = 0.0023

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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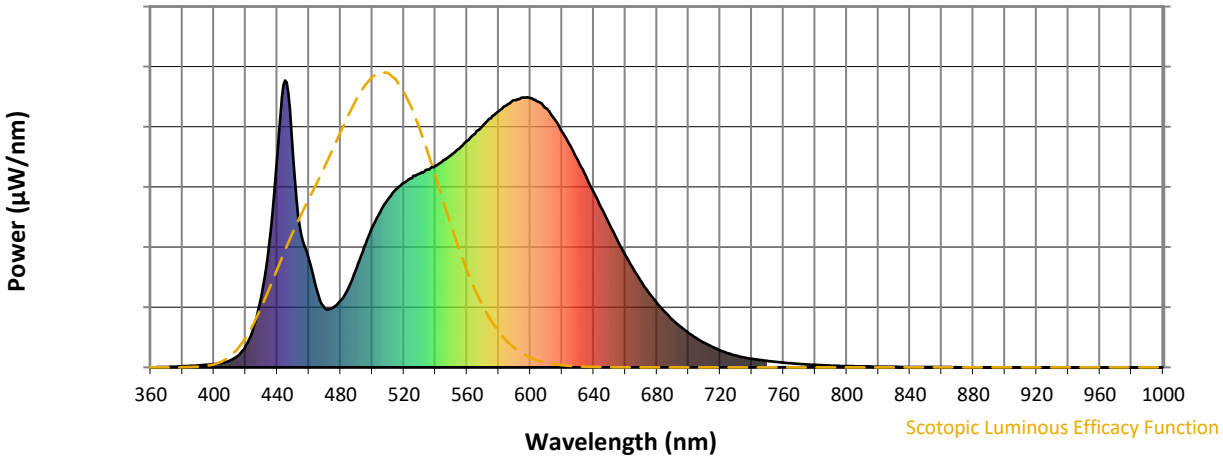
Scotopic Flux vs. Wavelength



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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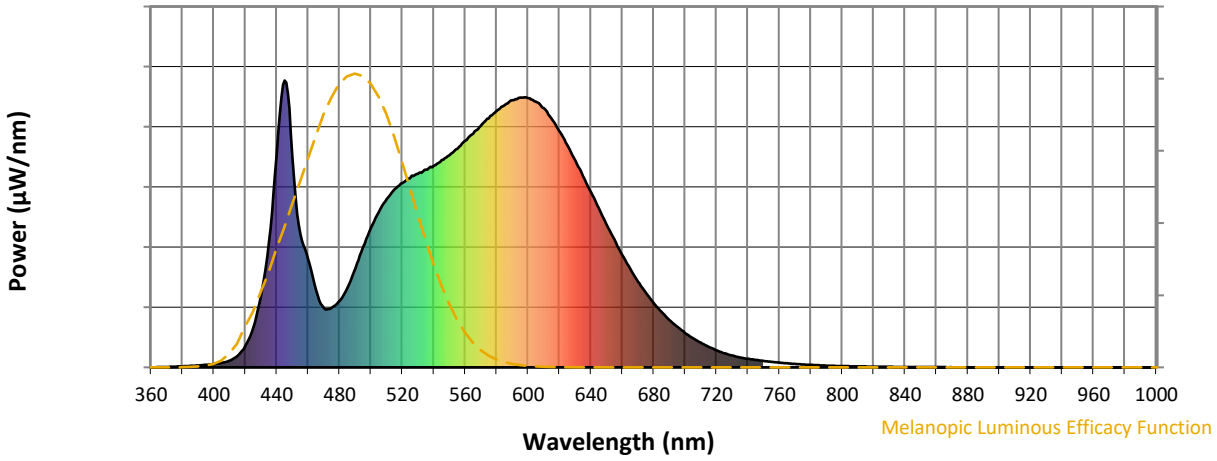
Melanopic Flux vs. Wavelength



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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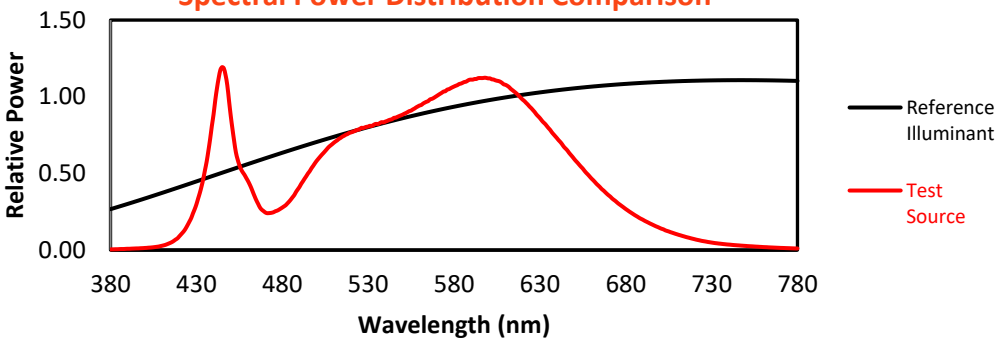
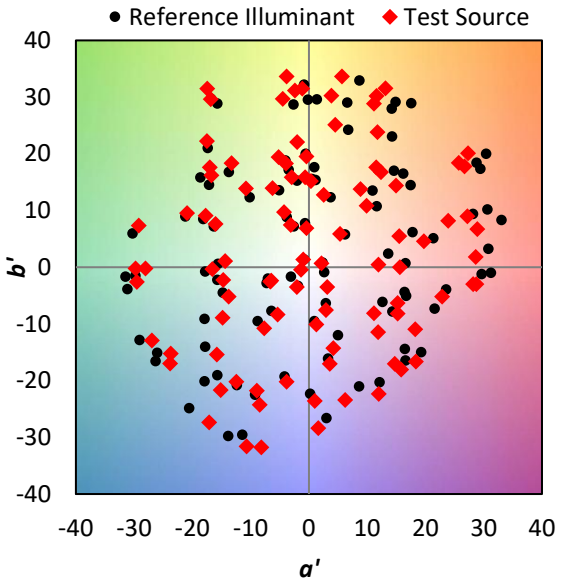
Summary

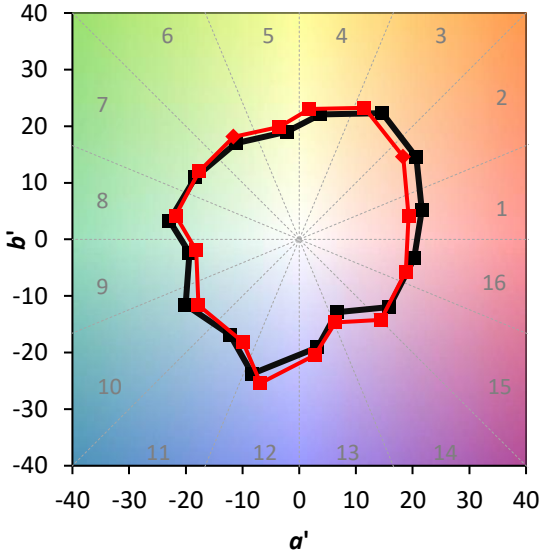
R_f = 84.8
R_g = 97.9
CIE R_a = 83.0
R_9 = 8.2

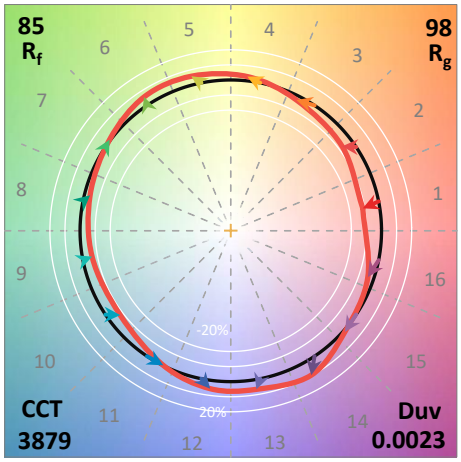
Spectral Power Distribution Comparison

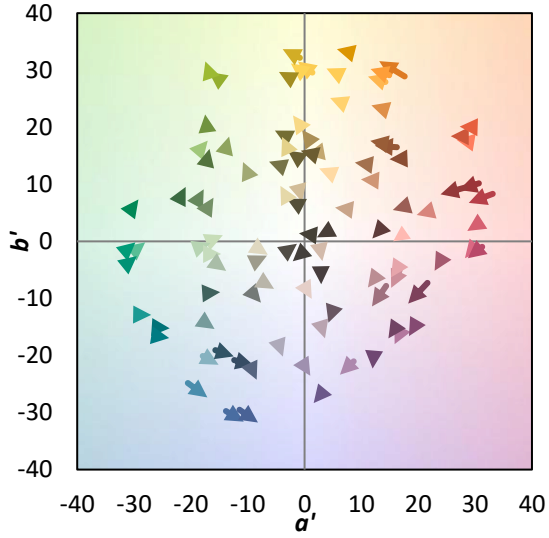


Color Vector Graphics









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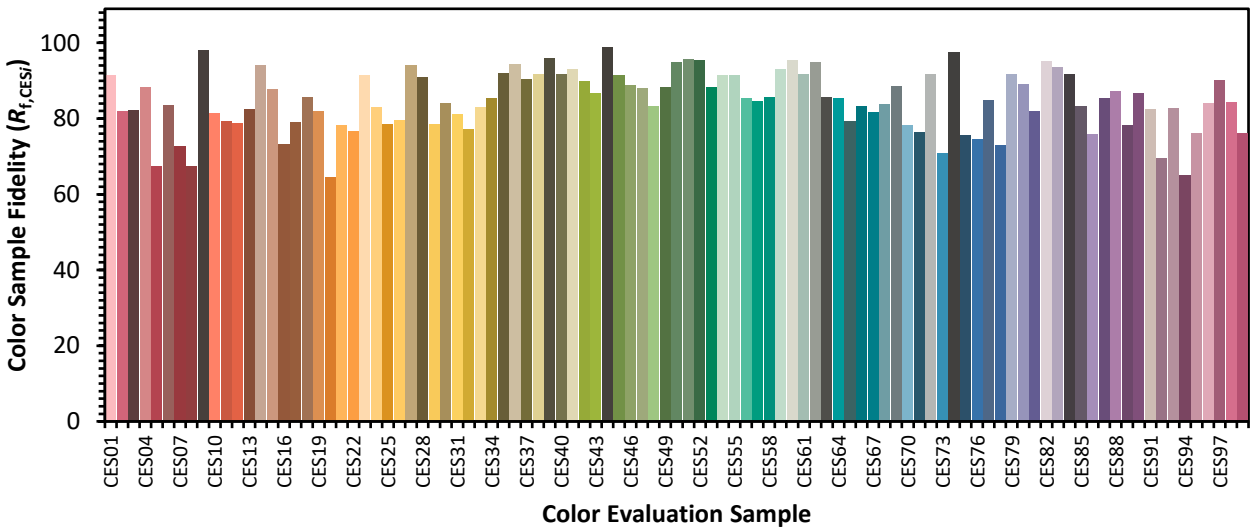
Individual Sample Fidelity Index ($R_{f,i}$)

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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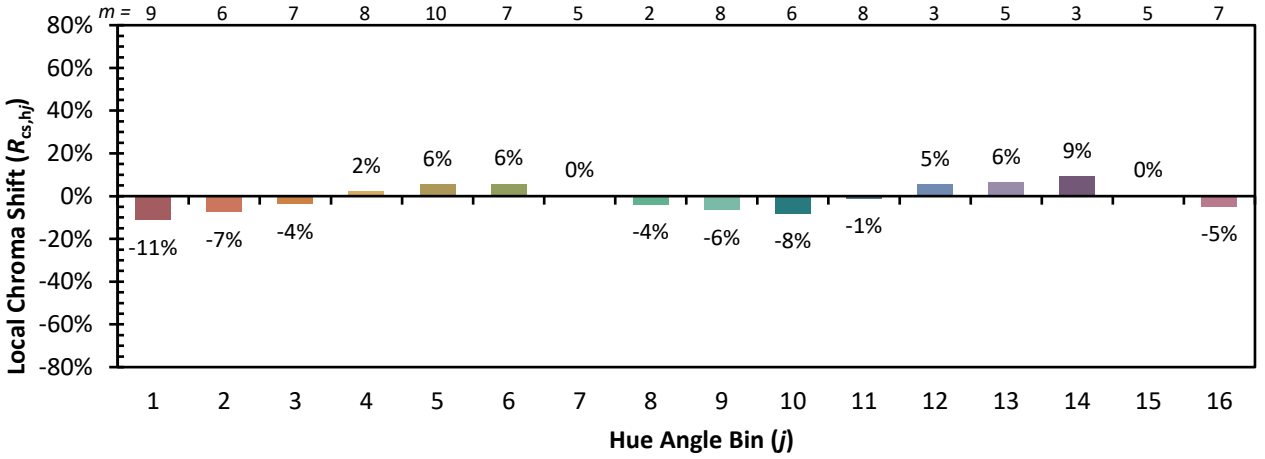
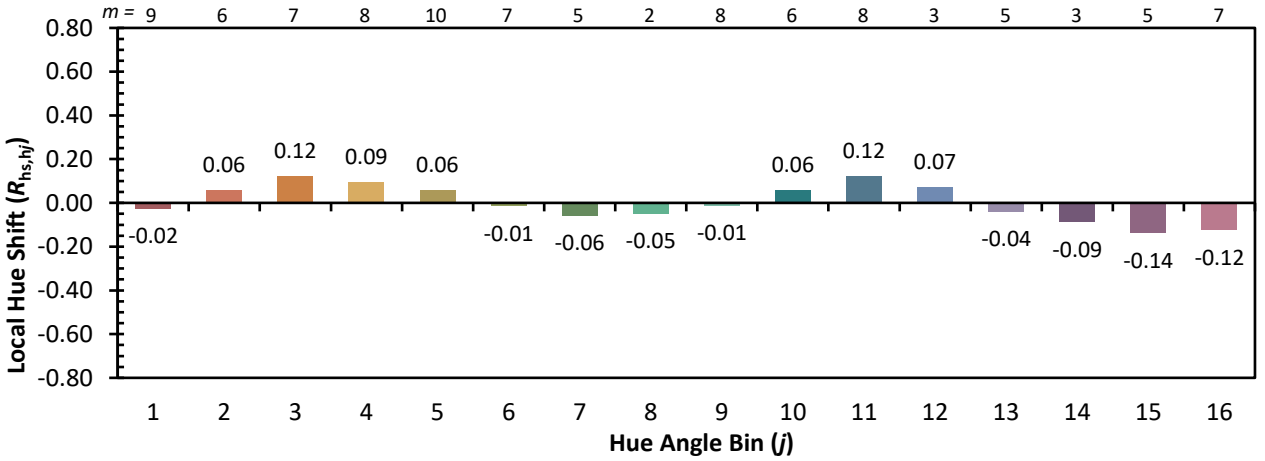
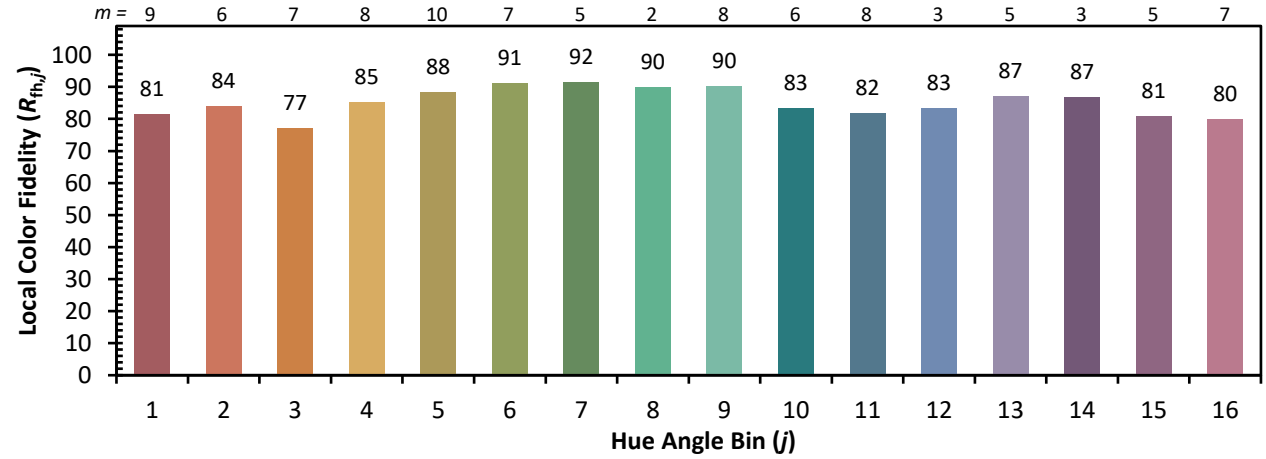
Color Rendition by Hue-Angle Bin







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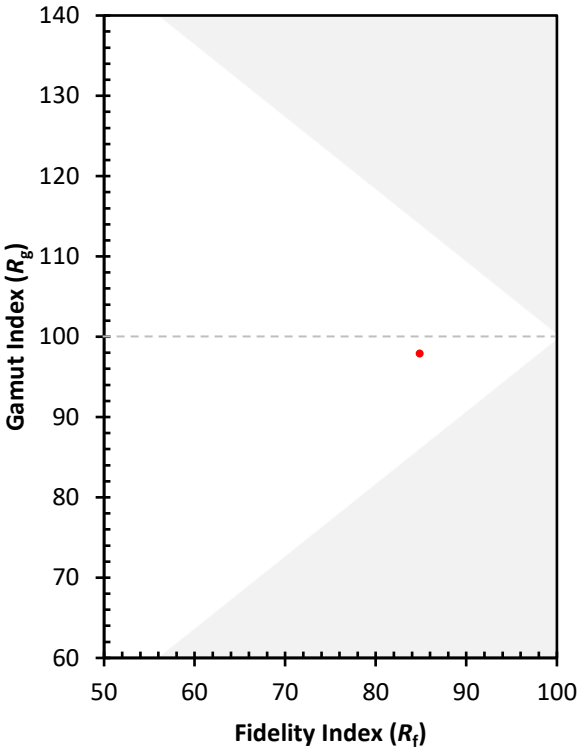
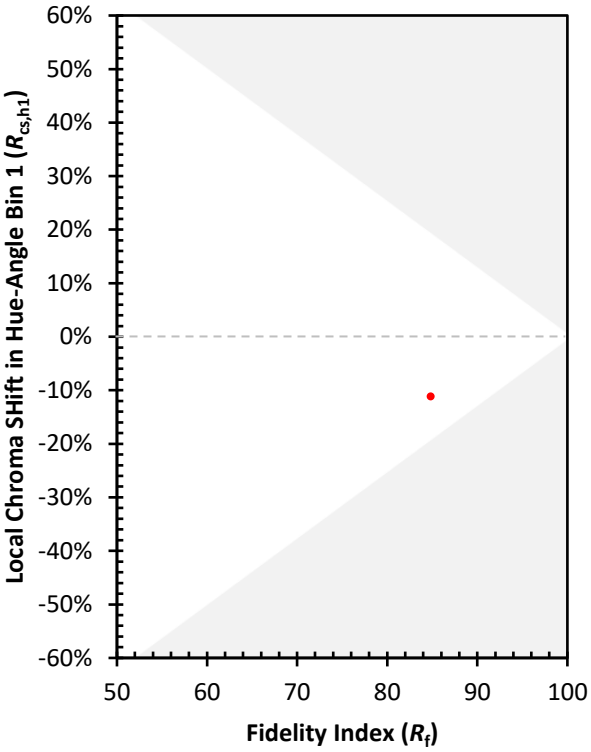
Measure Comparisons





(END OF REPORT)