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: P1442037

Luminaire Tested: ABB-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:	P1442037
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-33)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	ABB-C2-835-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:	778.1 lumens
Efficiency:	N/A
Efficacy:	41.0 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	19
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9905
Total Harmonic Distortion (THDi):	0.0849899
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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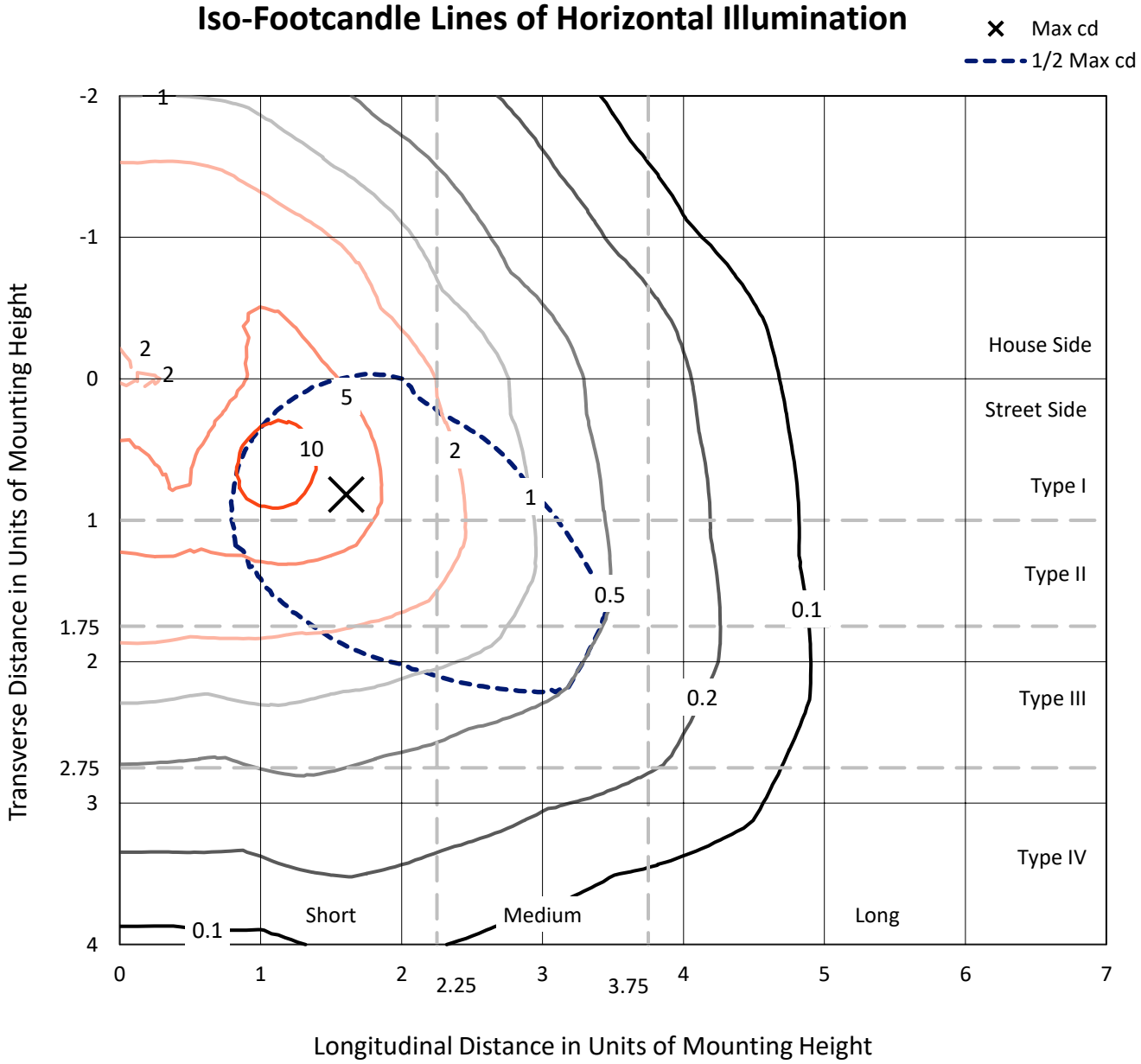
REPORT NUMBER: P1442037
CATALOG NUMBER: ABB-C2-835-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 13 fc
Type III - Short - N/A

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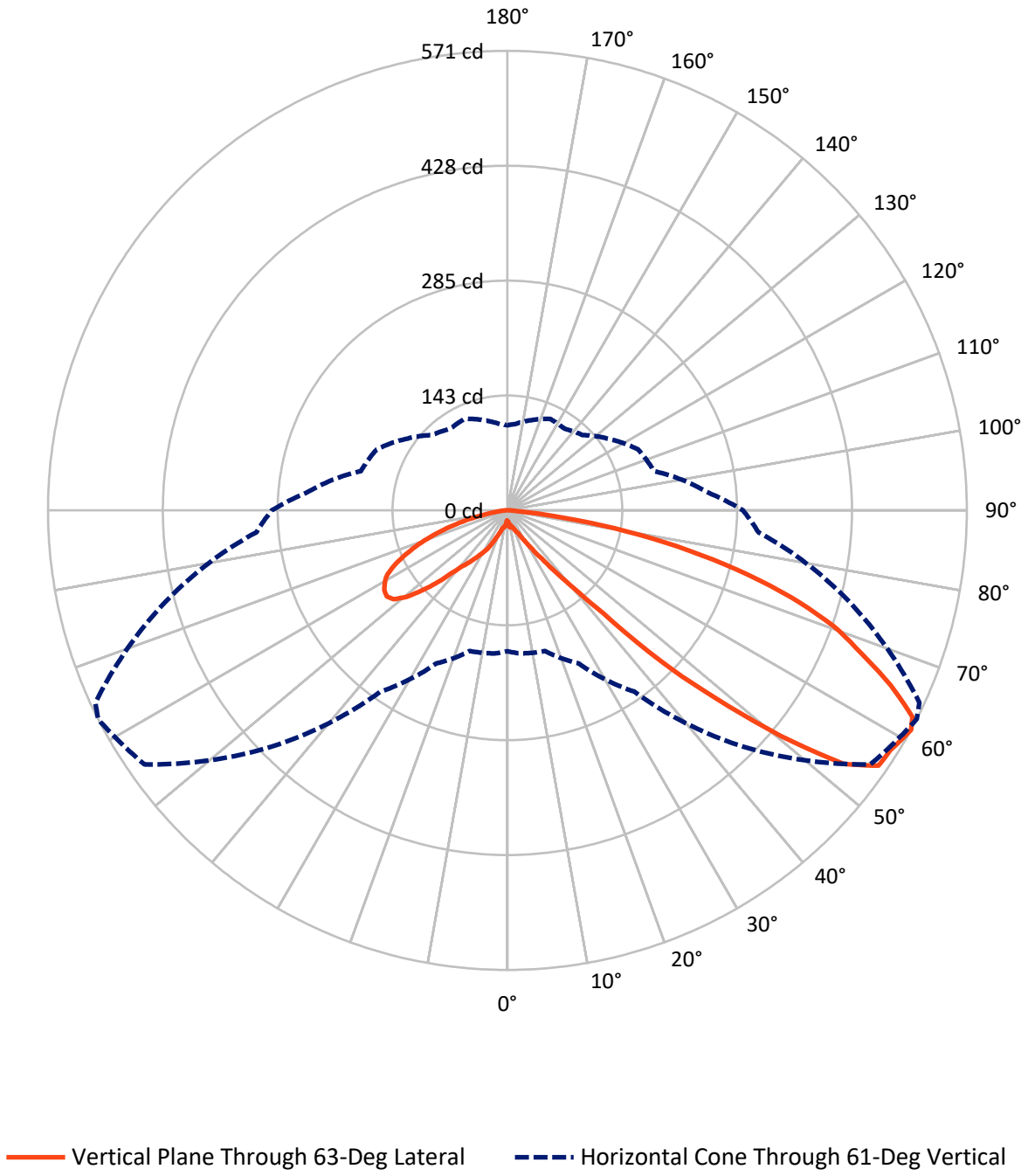
Luminous Intensity Polar Plot



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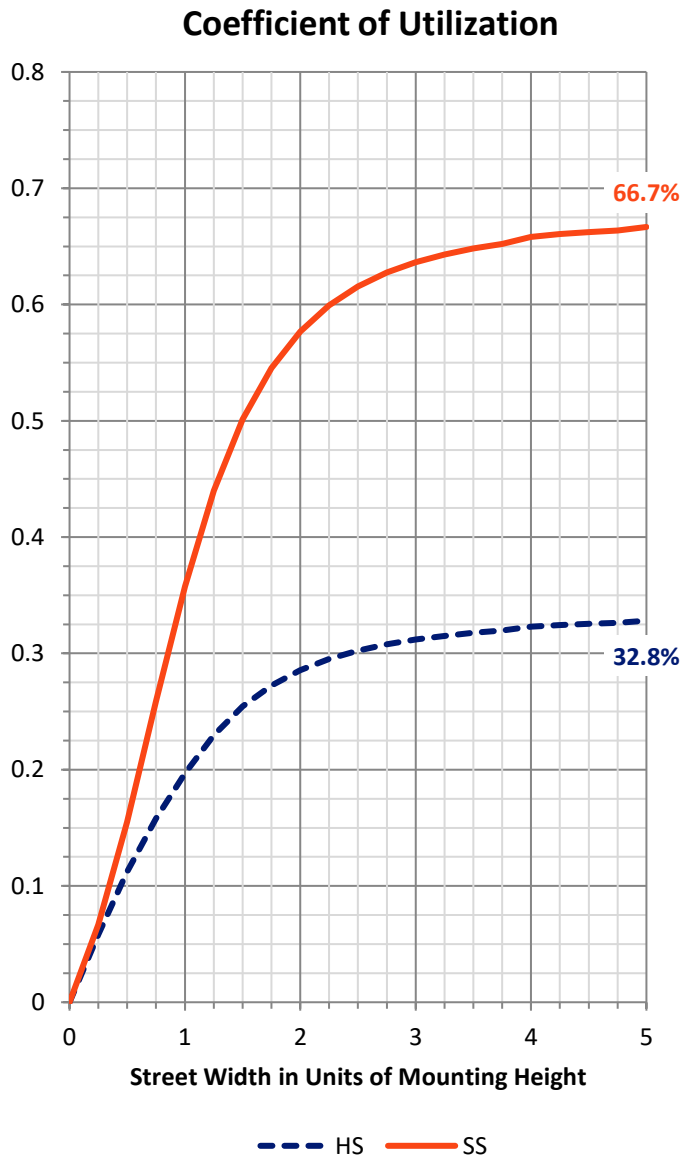
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	257.2	0.0	257.2
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	520.9	0.0	520.9
	% Fixture	67.0	0.0	67.0
Total	Lumens	778.1	0.0	778.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.9	0.2
10°-20°	7.7	1.0
20°-30°	19.4	2.5
30°-40°	44.3	5.7
40°-50°	115.2	14.8
50°-60°	220.5	28.3
60°-70°	222.6	28.6
70°-80°	128.7	16.5
80°-90°	17.9	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°	778.1	100.0
0°-180°	778.1	100.0



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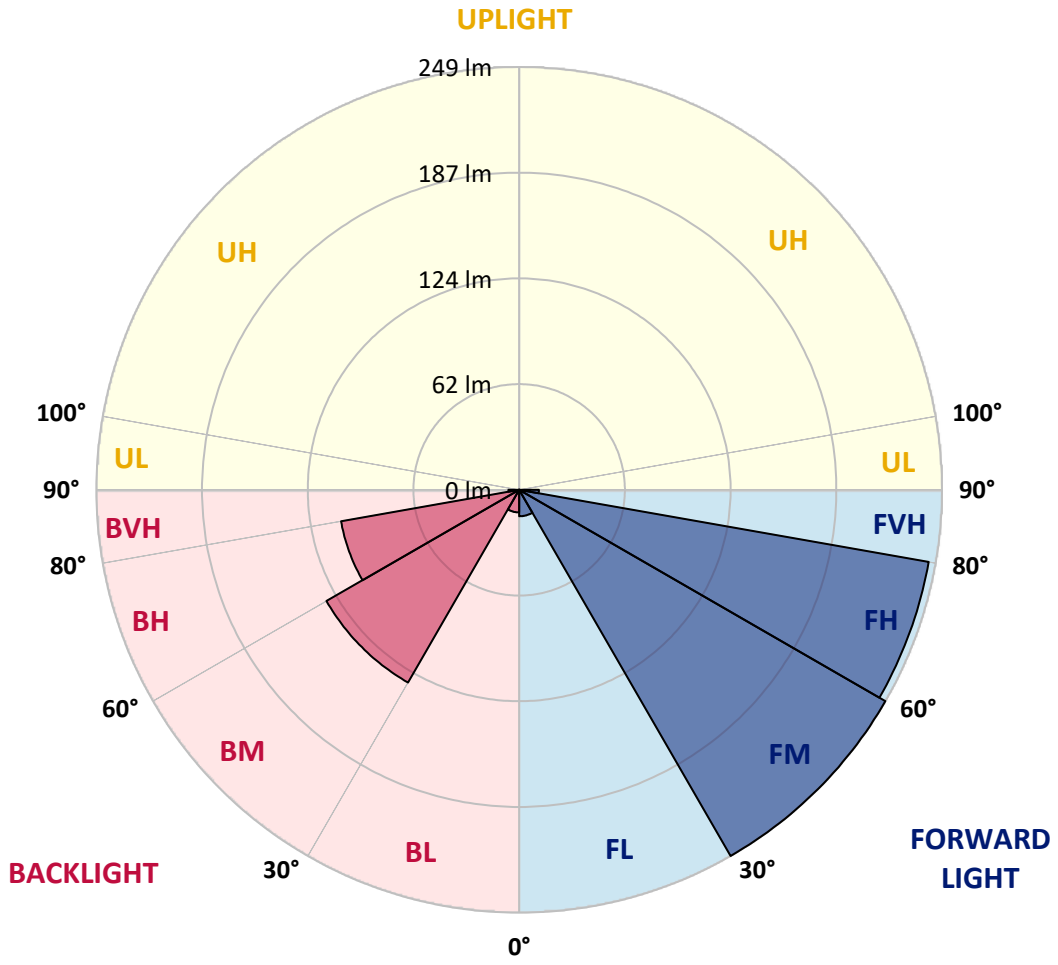
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	15.6	2.0			
FM	(30°-60°)	248.9	32.0			
FH	(60°-80°)	244.8	31.5			G0/660
FVH	(80°-90°)	11.6	1.5			G1/100
BL	(0°-30°)	13.3	1.7	B0/110		
BM	(30°-60°)	131.0	16.8	B0/220		
BH	(60°-80°)	106.5	13.7	B0/110		G0/110
BVH	(80°-90°)	6.3	0.8			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type III Short



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REPORT NUMBER: P1442037
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	*13.6*	13.6	13.6	13.6
2.5°	23.9	23.9	22.2	21.3	19.6	17.9	17.1	*16.2*	16.2	14.5	13.6
5°	29.9	29.0	25.6	21.3	21.3	17.9	15.4	*14.5*	14.5	13.6	12.8
7.5°	34.1	30.7	29.9	25.6	23.9	23.9	23.9	*20.5*	19.6	17.1	17.9
10°	32.4	32.4	32.4	28.1	27.3	26.4	23.9	*21.3*	21.3	19.6	19.6
12.5°	29.9	29.0	33.3	31.6	27.3	26.4	23.0	*18.8*	18.8	17.9	17.9
15°	30.7	32.4	36.7	35.8	33.3	28.1	24.7	*22.2*	21.3	20.5	18.8
17.5°	37.5	37.5	37.5	38.4	37.5	31.6	25.6	*22.2*	22.2	21.3	21.3
20°	43.5	43.5	42.6	41.8	41.8	33.3	28.1	*25.6*	25.6	23.9	23.0
22.5°	52.9	51.2	52.9	48.6	45.2	36.7	30.7	*29.0*	29.0	27.3	26.4
25°	64.8	66.5	58.9	51.2	47.8	39.2	33.3	*31.6*	32.4	32.4	30.7
27.5°	78.5	77.6	64.8	57.2	52.0	44.4	39.2	*38.4*	38.4	38.4	38.4
30°	85.3	87.9	75.1	64.8	58.0	52.0	46.9	*46.9*	47.8	46.9	46.1
32.5°	94.7	95.5	83.6	71.7	64.8	62.3	59.7	*58.9*	58.0	56.3	52.9
35°	104.1	104.9	94.7	78.5	74.2	75.1	75.1	*73.4*	73.4	67.4	64.0
37.5°	111.7	113.4	104.1	87.9	84.4	88.7	93.8	*96.4*	93.8	85.3	76.8
40°	118.6	122.0	113.4	98.1	96.4	108.3	120.3	*126.2*	123.7	109.2	91.3
42.5°	127.1	131.4	124.5	110.9	113.4	135.6	163.8	*174.0*	175.7	148.4	119.4
45°	146.7	149.3	149.3	135.6	144.2	191.9	248.2	*267.0*	263.6	212.4	162.1
47.5°	159.5	160.4	166.3	154.4	173.2	250.8	331.8	*348.9*	348.9	278.1	205.6
50°	177.4	178.3	189.4	184.2	215.8	324.1	416.3	*440.1*	441.9	348.0	253.3
52.5°	184.2	187.7	200.5	204.7	250.8	371.9	496.4	*522.9*	526.3	402.6	288.3
55°	186.8	191.9	202.2	212.4	270.4	407.7	546.8	*559.6*	554.4	437.6	303.7
57.5°	186.0	189.4	197.0	210.7	273.8	419.7	548.5	*561.3*	556.2	447.8	310.5
60°	179.1	182.5	186.8	210.7	275.5	418.8	547.6	*568.1*	563.0	446.1	314.8
61°	*174.9*	*178.3*	*180.8*	*209.8*	*274.7*	*415.4*	*550.2*	*570.7*	*564.7*	*440.1*	*313.1*
62.5°	167.2	170.6	172.3	209.8	269.5	404.3	548.5	*564.7*	558.7	429.1	303.7
65°	151.8	153.5	152.7	203.0	252.5	373.6	518.6	*522.9*	516.9	400.9	281.5
67.5°	131.4	132.2	133.1	191.1	233.7	337.8	472.6	*474.3*	470.9	361.7	259.3
70°	108.3	108.3	113.4	175.7	211.5	296.0	426.5	*429.9*	426.5	317.3	234.6
72.5°	84.4	85.3	93.8	151.8	182.5	249.9	368.5	*368.5*	365.9	266.1	199.6
75°	61.4	62.3	73.4	123.7	148.4	196.2	296.8	*295.1*	292.6	207.3	161.2
77.5°	42.6	41.8	52.0	90.4	109.2	140.7	221.8	*215.8*	214.1	146.7	116.9
80°	25.6	25.6	31.6	55.4	64.8	86.2	144.2	*134.8*	133.1	85.3	69.9
82.5°	16.2	15.4	16.2	23.9	23.0	36.7	66.5	*54.6*	54.6	29.0	26.4
85°	10.2	9.4	7.7	7.7	7.7	7.7	10.2	*9.4*	9.4	7.7	6.8
87.5°	7.7	7.7	6.8	6.0	6.0	6.0	6.8	*6.8*	6.8	6.0	5.1
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: P1442037
CATALOG NUMBER: ABB-C2-835-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
2.5°	13.6	13.6	12.8	12.8	12.8	13.6	13.6	14.5	14.5	14.5	15.4
5°	12.8	12.8	14.5	14.5	15.4	15.4	15.4	16.2	14.5	13.6	13.6
7.5°	17.9	18.8	17.9	19.6	18.8	17.9	17.9	17.9	18.8	17.1	15.4
10°	19.6	18.8	18.8	19.6	23.0	21.3	22.2	21.3	21.3	19.6	17.9
12.5°	17.9	18.8	19.6	20.5	22.2	26.4	24.7	24.7	23.9	21.3	20.5
15°	19.6	20.5	21.3	22.2	25.6	29.0	28.1	27.3	25.6	21.3	21.3
17.5°	22.2	22.2	23.9	24.7	29.0	32.4	32.4	29.0	26.4	23.0	22.2
20°	23.9	23.9	27.3	29.9	34.1	35.0	36.7	33.3	29.0	25.6	25.6
22.5°	25.6	25.6	30.7	35.8	38.4	38.4	40.9	35.0	30.7	27.3	26.4
25°	30.7	30.7	35.0	43.5	45.2	41.8	42.6	37.5	31.6	28.1	27.3
27.5°	36.7	38.4	43.5	53.7	50.3	46.1	45.2	40.1	32.4	29.9	29.0
30°	46.1	44.4	50.3	59.7	57.2	51.2	49.5	43.5	35.0	30.7	29.9
32.5°	55.4	54.6	59.7	66.5	64.0	56.3	53.7	46.1	37.5	32.4	30.7
35°	64.8	65.7	69.1	74.2	70.8	61.4	58.9	50.3	40.1	35.0	34.1
37.5°	75.9	78.5	77.6	83.6	77.6	67.4	64.0	54.6	44.4	40.1	38.4
40°	89.6	92.1	89.6	93.0	86.2	75.1	70.8	60.6	52.0	46.9	46.9
42.5°	113.4	115.2	109.2	108.3	98.9	86.2	81.9	72.5	64.0	58.0	58.0
45°	149.3	145.9	135.6	129.7	116.9	100.7	96.4	87.0	78.5	73.4	72.5
47.5°	186.0	176.6	162.9	150.1	133.1	117.7	110.9	104.1	93.8	87.0	87.0
50°	231.2	209.8	186.8	169.7	148.4	133.1	124.5	117.7	106.6	98.9	98.1
52.5°	262.7	231.2	200.5	184.2	159.5	139.9	131.4	128.0	115.2	106.6	104.9
55°	275.5	243.1	204.7	189.4	162.9	141.6	133.1	130.5	118.6	110.0	109.2
57.5°	282.3	247.4	200.5	187.7	160.4	139.0	129.7	128.8	119.4	110.0	110.0
60°	291.7	250.8	191.9	181.7	157.0	134.8	126.2	126.2	116.9	108.3	107.5
61°	*292.6*	*250.8*	*188.5*	*179.1*	*154.4*	*132.2*	*123.7*	*125.4*	*116.0*	*107.5*	*105.8*
62.5°	288.3	246.5	181.7	173.2	149.3	127.1	120.3	122.8	112.6	104.1	102.4
65°	273.8	234.6	167.2	157.8	135.6	116.9	111.7	115.2	105.8	97.2	96.4
67.5°	255.0	218.4	151.0	137.3	120.3	104.1	102.4	104.1	96.4	88.7	87.0
70°	228.6	197.9	133.1	116.9	104.1	90.4	90.4	92.1	86.2	78.5	76.8
72.5°	192.8	169.7	113.4	93.8	84.4	75.9	78.5	79.3	74.2	67.4	65.7
75°	151.8	135.6	88.7	70.8	64.8	60.6	64.0	64.0	59.7	54.6	53.7
77.5°	106.6	97.2	61.4	48.6	46.1	44.4	47.8	46.9	46.1	40.9	40.1
80°	60.6	55.4	34.1	28.1	29.9	29.0	31.6	30.7	30.7	27.3	26.4
82.5°	22.2	19.6	15.4	14.5	16.2	14.5	16.2	15.4	16.2	16.2	15.4
85°	6.8	6.8	7.7	7.7	8.5	7.7	7.7	7.7	7.7	9.4	9.4
87.5°	5.1	5.1	6.0	6.0	6.8	6.0	6.0	6.0	6.0	7.7	7.7
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
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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

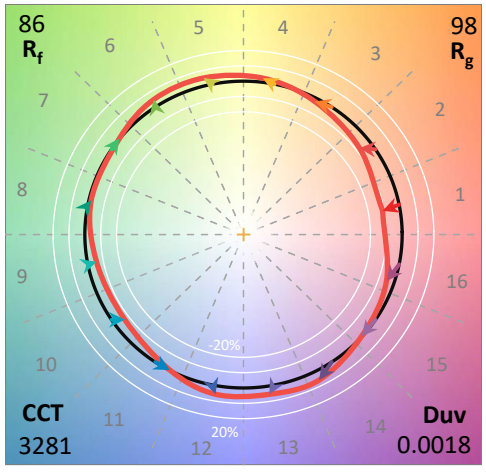
Test Information

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



Test Conditions

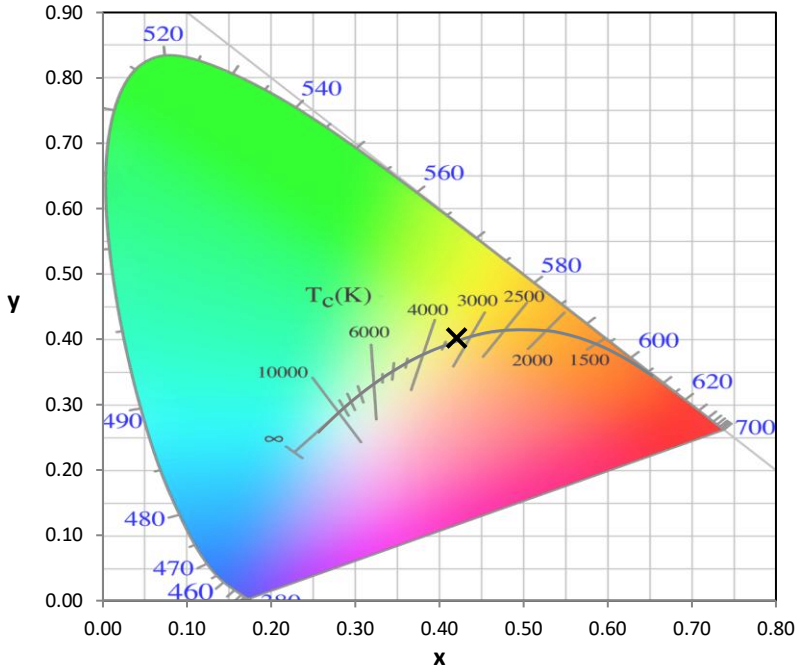
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

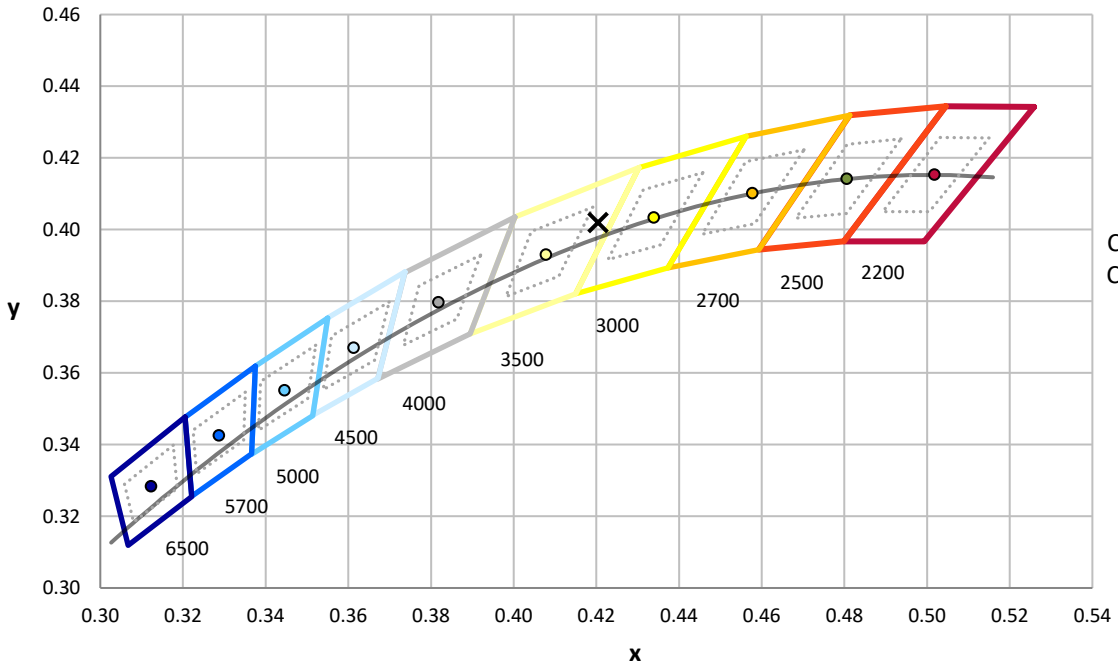
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

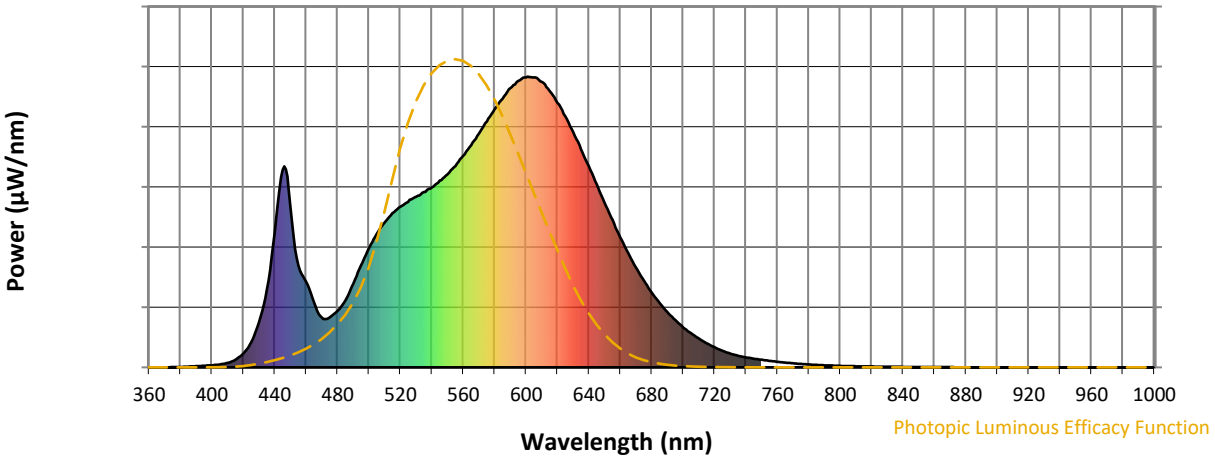


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

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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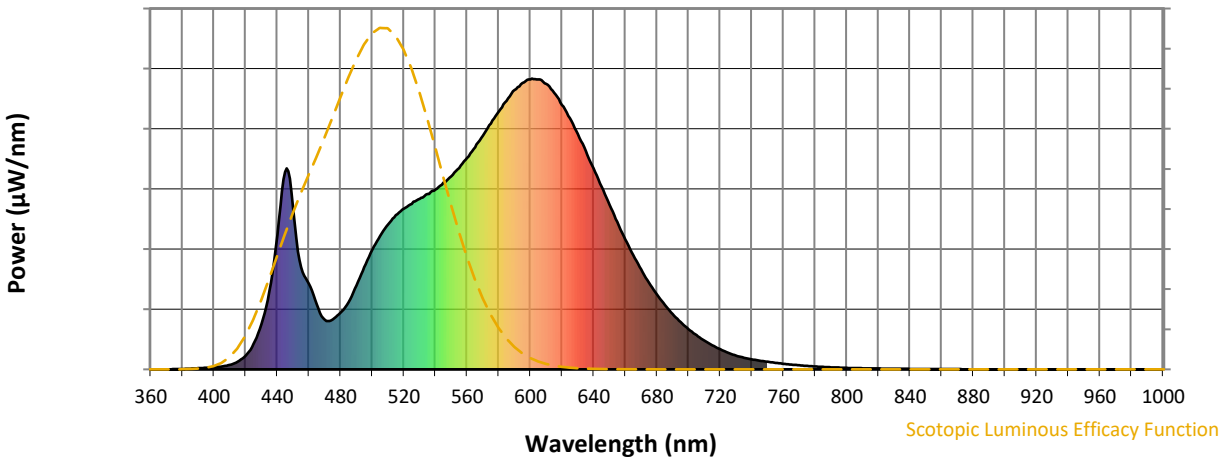
Scotopic Flux vs. Wavelength



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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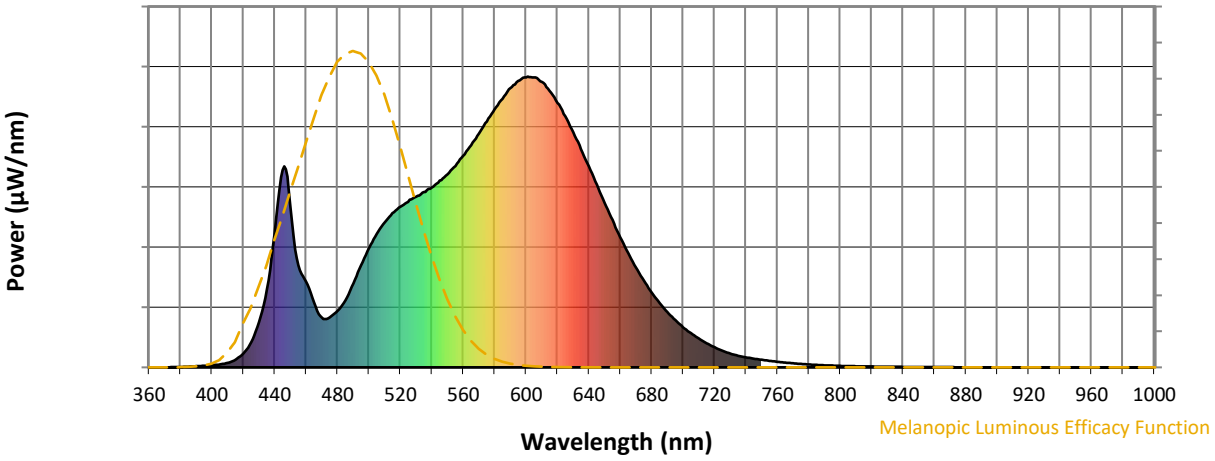
Melanopic Flux vs. Wavelength



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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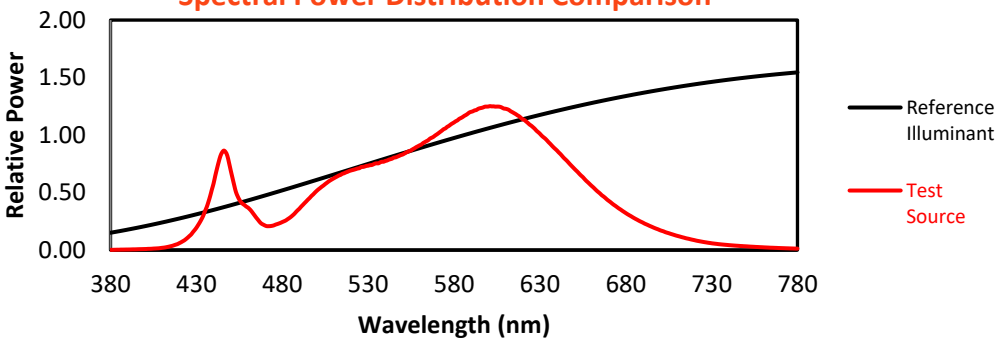
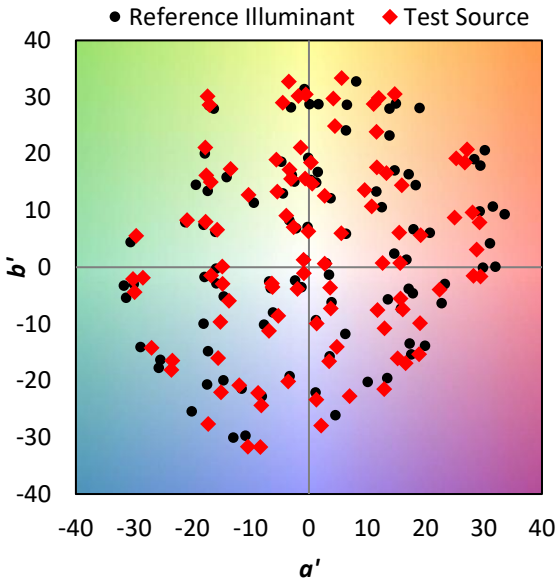
Summary

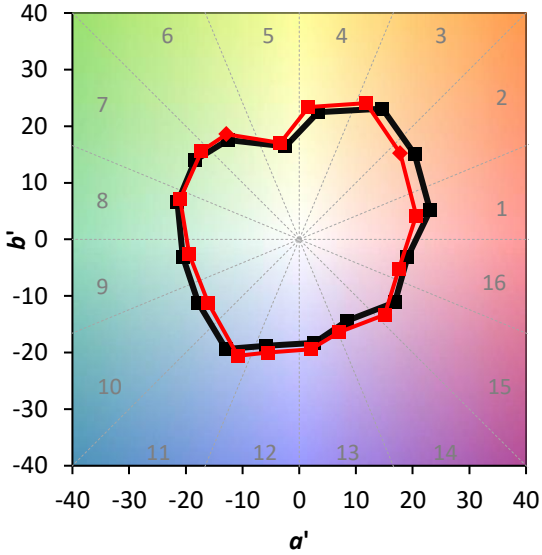
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

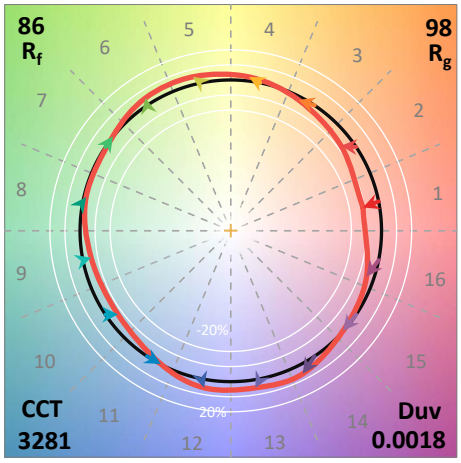
Spectral Power Distribution Comparison

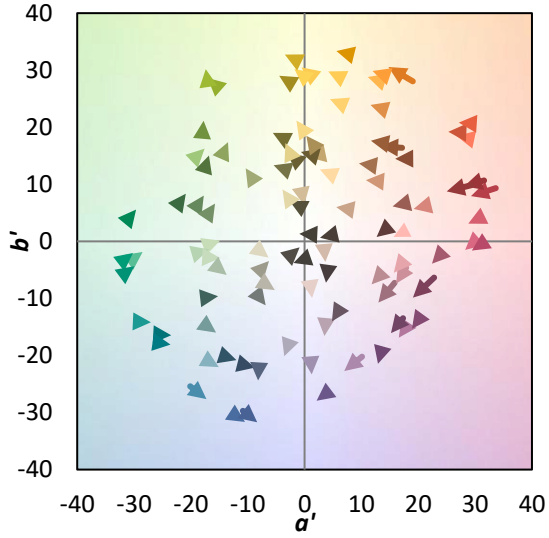


Color Vector Graphics









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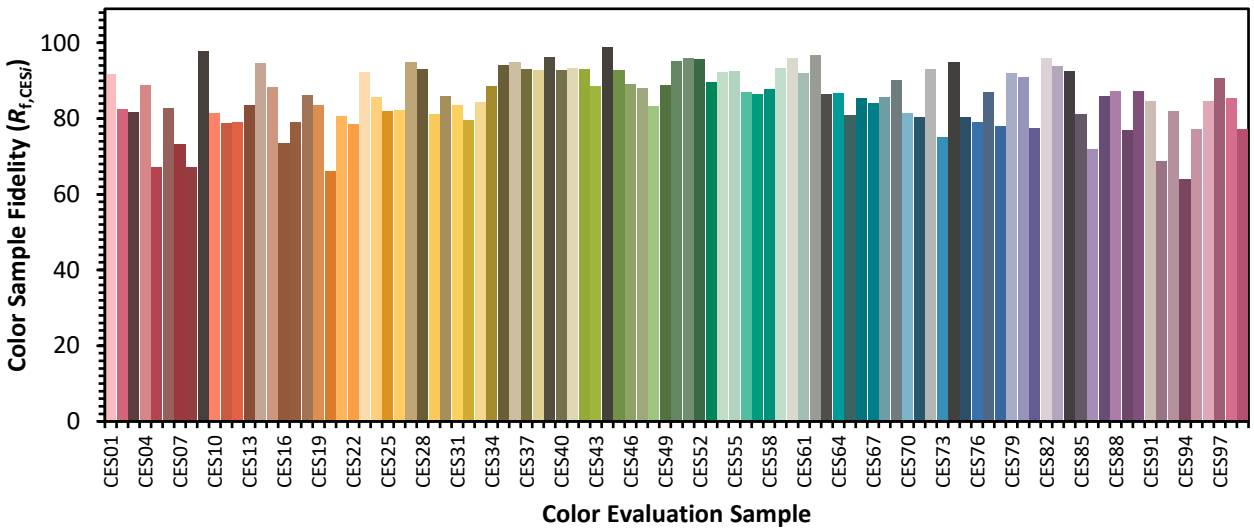
Individual Sample Fidelity Index ($R_{f,i}$)

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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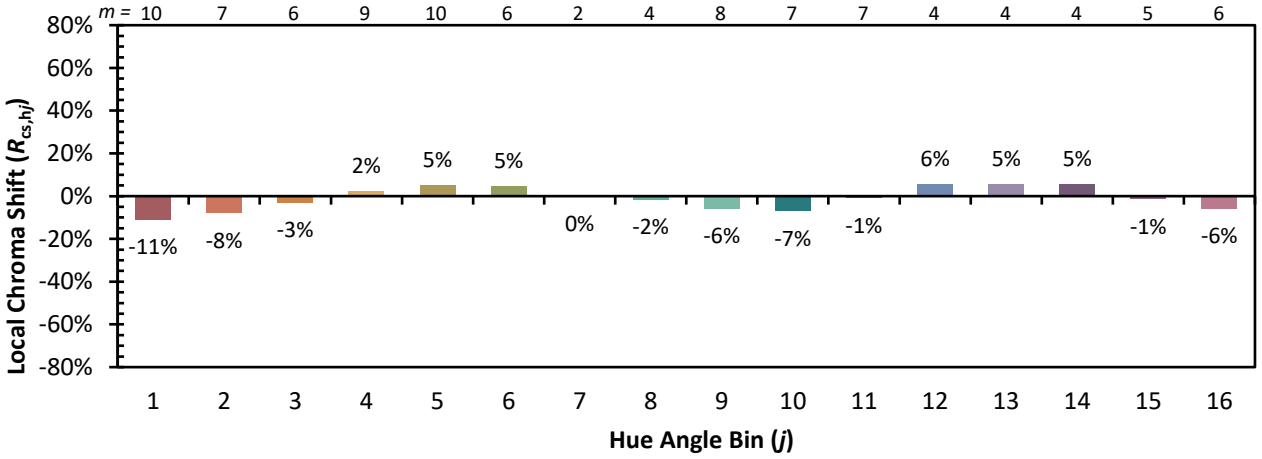
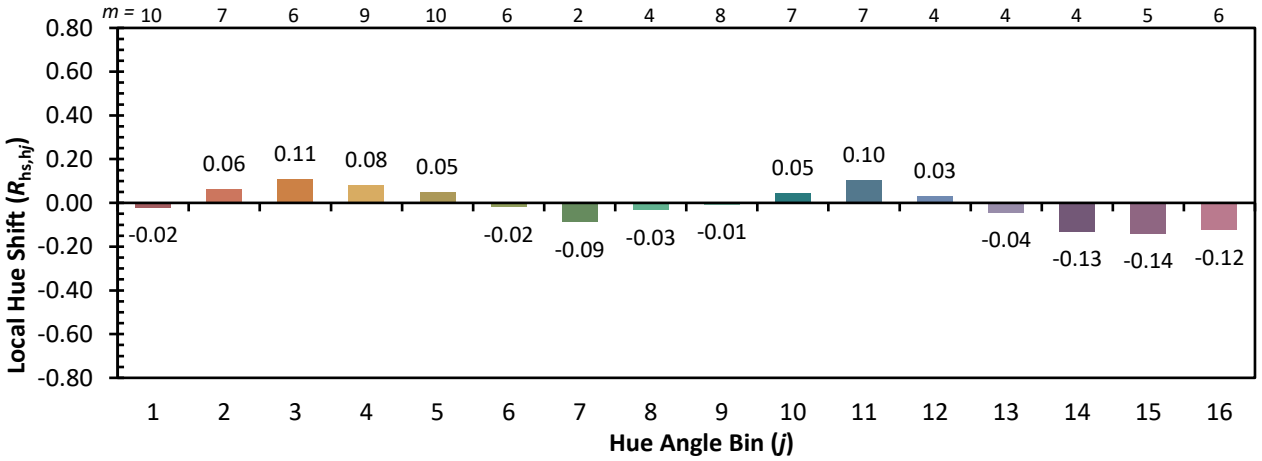
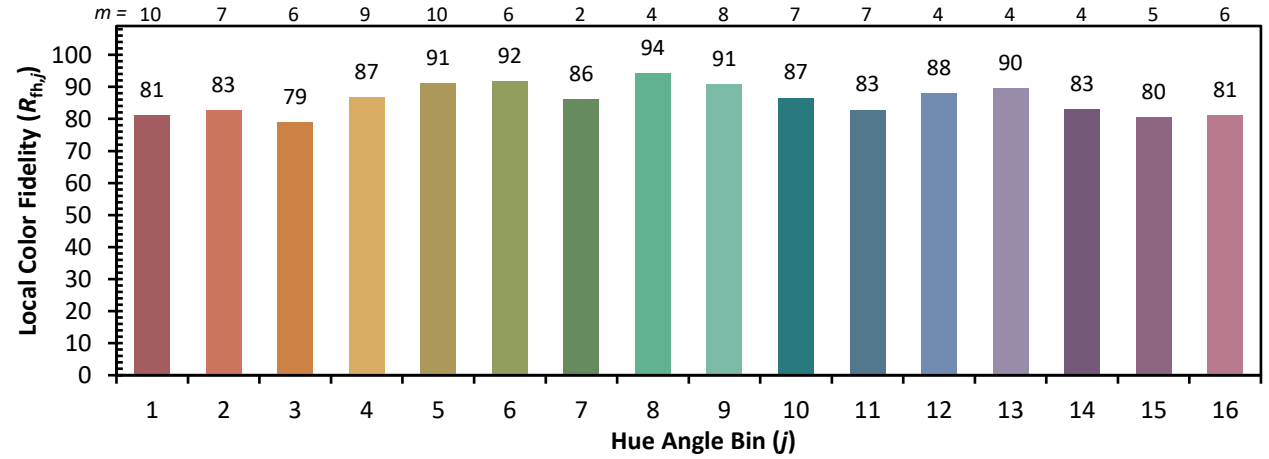
Color Rendition by Hue-Angle Bin







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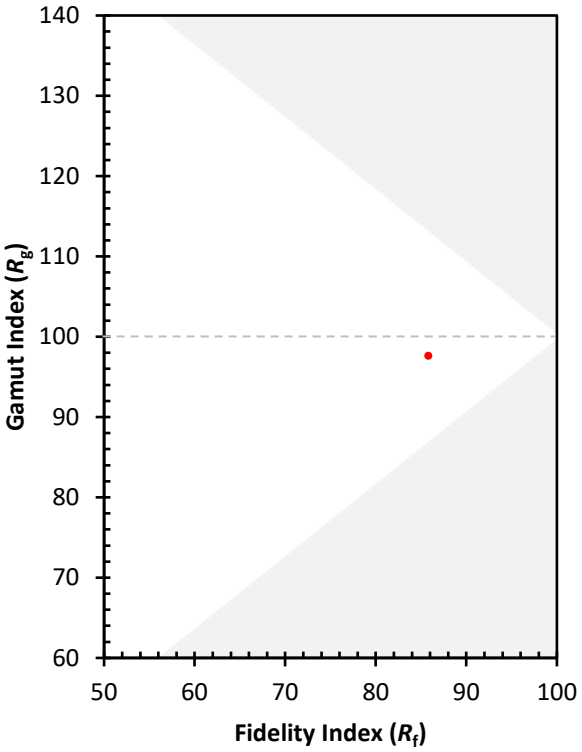
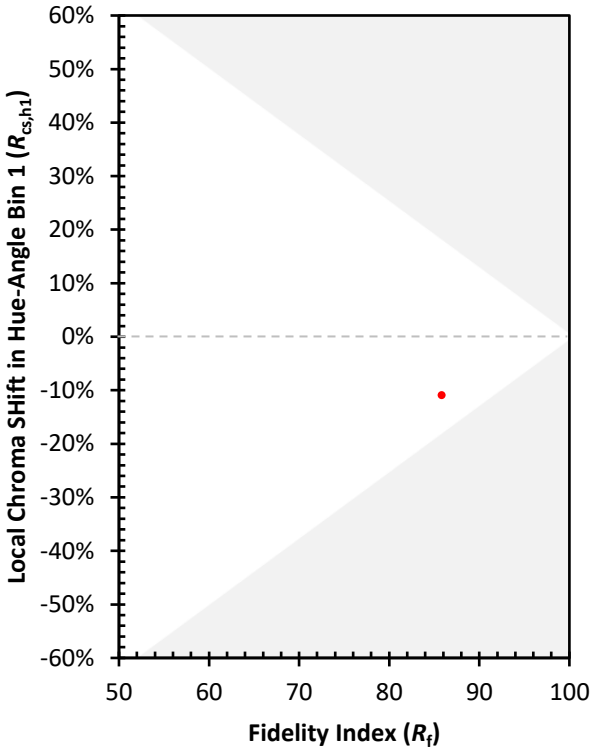
Measure Comparisons





(END OF REPORT)