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: P1442098

Luminaire Tested: LXB-C1-835-X-U-S-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:	P1442098
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-25)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C1-835-X-U-S-GM
Description:	LuxeScape OUTDOOR ARCHITECTURAL BOLLARD LUMINAIRE
	SYMMETRIC OPTIC, GRAPHITE METALLIC PAINTED FINISH
Light Source:	2200K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	794.7 lumens
Efficiency:	N/A
Efficacy:	51.3 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	15.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9882
Total Harmonic Distortion (THDi):	0.0873224
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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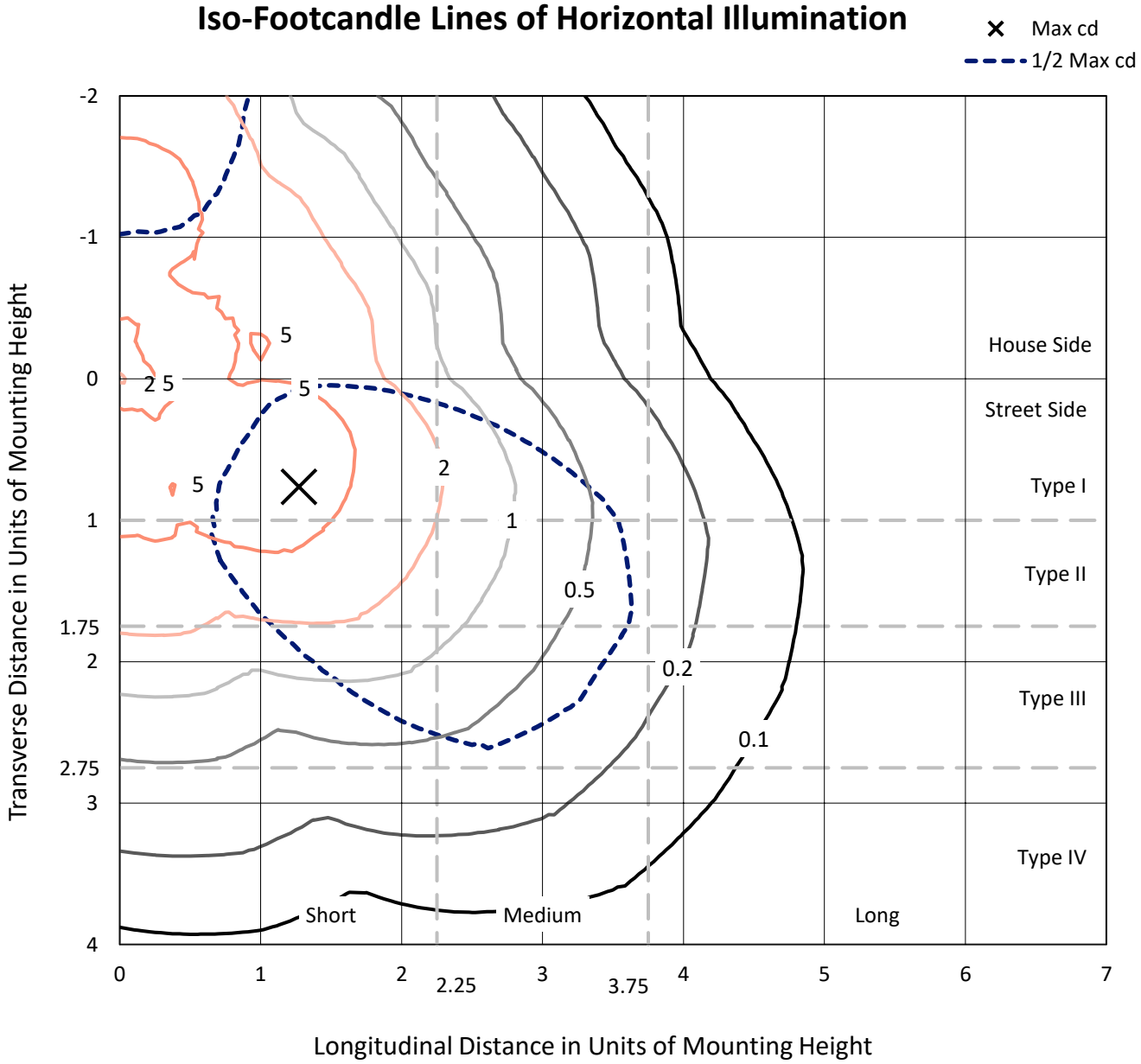
Scaled Data Report

REPORT NUMBER: P1442098
CATALOG NUMBER: LXB-C1-835-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1442098
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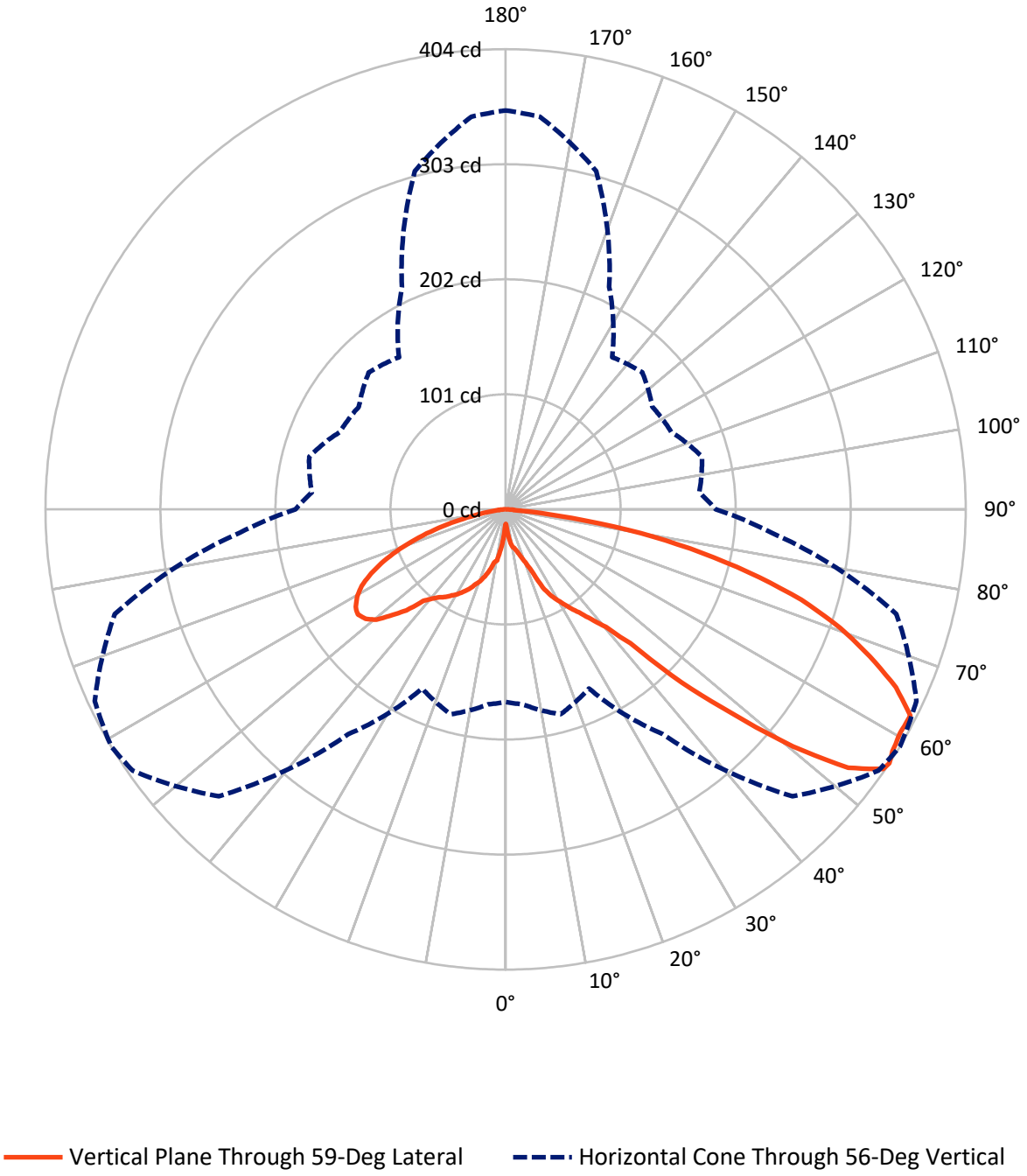
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442098
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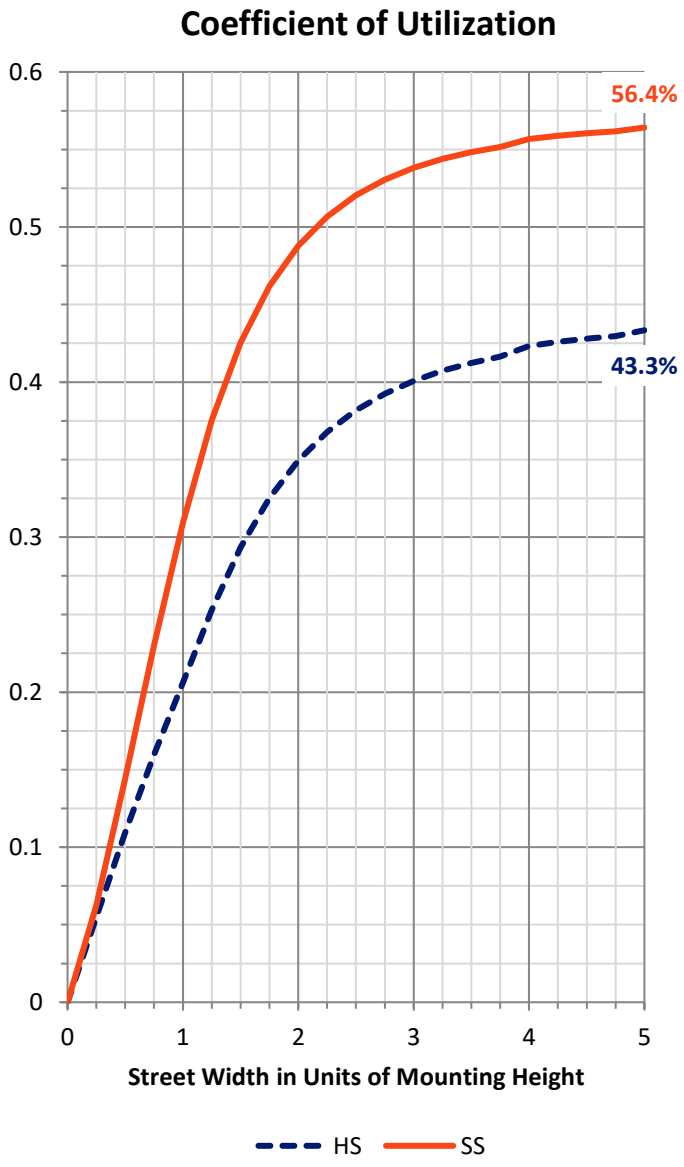
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	345.0	0.0	345.0
	% Fixture	43.4	0.0	43.4
Street Side	Lumens	449.7	0.0	449.7
	% Fixture	56.6	0.0	56.6
Total	Lumens	794.7	0.0	794.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.4
10°-20°	14.1	1.8
20°-30°	33.2	4.2
30°-40°	60.3	7.6
40°-50°	119.4	15.0
50°-60°	211.0	26.5
60°-70°	212.2	26.7
70°-80°	124.9	15.7
80°-90°	16.9	2.1
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°	794.7	100.0
0°-180°	794.7	100.0



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REPORT NUMBER: P1442098
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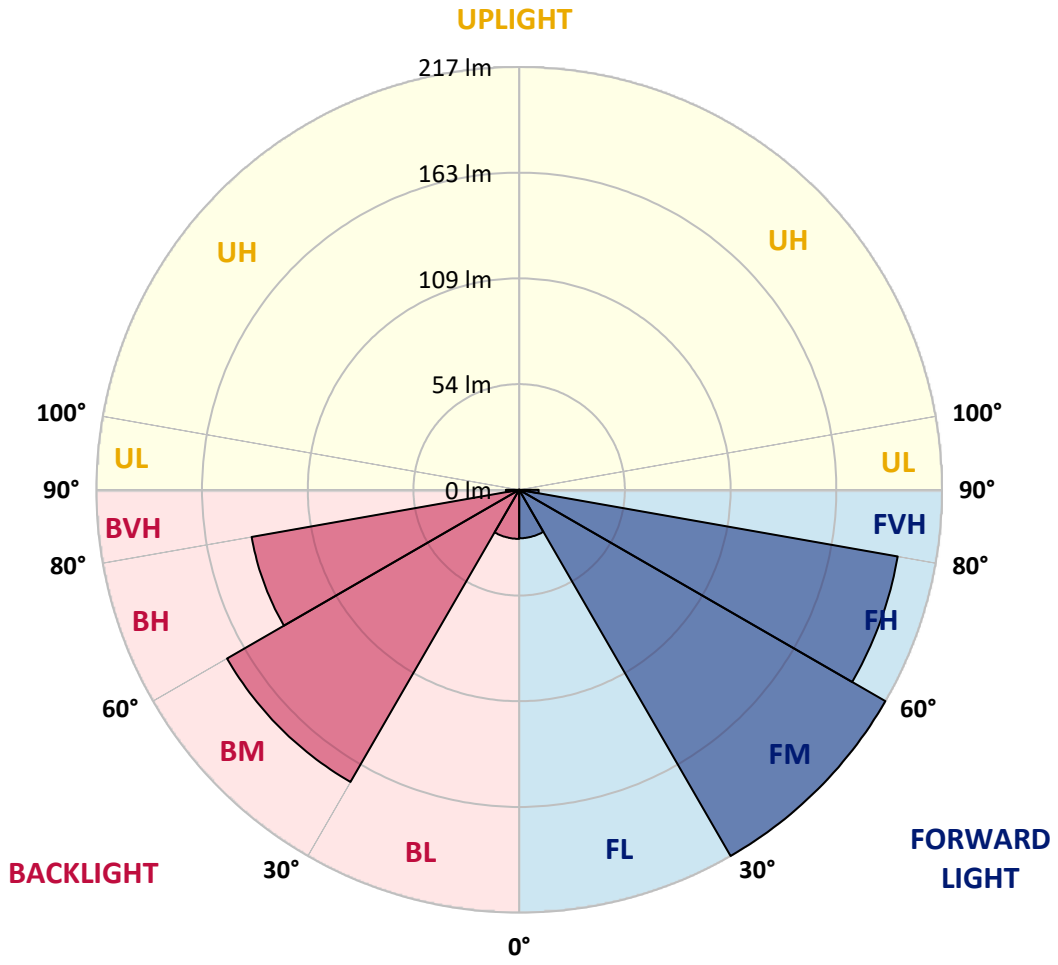
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	24.9	3.1			
FM	(30°-60°)	217.3	27.3			
FH	(60°-80°)	197.5	24.9			G0/660
FVH	(80°-90°)	10.0	1.3			G1/100
BL	(0°-30°)	25.2	3.2	B0/110		
BM	(30°-60°)	173.3	21.8	B0/220		
BH	(60°-80°)	139.6	17.6	B1/500		G1/500
BVH	(80°-90°)	6.8	0.9			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: P1442098
CATALOG NUMBER: LXB-C1-835-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	*12.8*	12.8	12.8	12.8
2.5°	17.9	17.1	16.2	16.2	15.4	15.4	14.5	*14.5*	14.5	15.4	17.1
5°	29.0	29.0	24.7	22.2	22.2	22.2	22.2	*21.3*	22.2	22.2	24.7
7.5°	40.1	36.7	37.5	34.1	32.4	31.6	29.9	*29.0*	28.1	30.7	34.1
10°	43.5	43.5	44.4	44.4	39.2	35.0	34.1	*33.3*	33.3	34.1	36.7
12.5°	46.9	49.5	50.3	49.5	44.4	38.4	35.8	*35.0*	35.0	38.4	42.6
15°	57.2	54.6	56.3	53.7	50.3	42.6	39.2	*38.4*	39.2	42.6	46.9
17.5°	64.0	64.8	61.4	56.3	52.9	47.8	44.4	*43.5*	42.6	45.2	52.9
20°	69.9	69.9	67.4	61.4	57.2	51.2	49.5	*49.5*	49.5	50.3	54.6
22.5°	75.9	75.9	73.4	66.5	61.4	55.4	56.3	*58.0*	55.4	55.4	59.7
25°	81.0	81.0	77.6	70.8	67.4	65.7	72.5	*75.9*	71.7	64.8	66.5
27.5°	87.0	86.2	83.6	75.9	73.4	76.8	84.4	*86.2*	85.3	75.1	73.4
30°	90.4	90.4	88.7	81.9	79.3	85.3	93.0	*93.8*	93.0	85.3	77.6
32.5°	94.7	93.8	93.0	85.3	84.4	93.0	101.5	*102.4*	101.5	93.8	83.6
35°	98.9	97.2	97.2	89.6	88.7	102.4	109.2	*110.9*	110.0	101.5	88.7
37.5°	104.1	101.5	101.5	93.8	96.4	112.6	120.3	*122.0*	120.3	110.9	95.5
40°	110.0	106.6	105.8	98.9	103.2	125.4	133.9	*135.6*	133.1	123.7	102.4
42.5°	118.6	114.3	116.0	107.5	116.9	146.7	159.5	*160.4*	156.1	145.0	116.0
45°	136.5	133.1	139.9	129.7	144.2	193.6	213.2	*216.7*	210.7	188.5	143.3
47.5°	148.4	145.9	153.5	143.3	168.9	238.8	261.9	*267.0*	257.6	235.4	168.9
50°	161.2	161.2	172.3	162.1	203.9	293.4	321.6	*326.7*	319.9	296.0	201.3
52.5°	166.3	168.0	183.4	172.3	226.9	330.1	370.2	*376.2*	370.2	331.8	221.8
55°	168.9	171.5	186.8	174.0	238.0	351.4	396.6	*401.8*	394.9	351.4	231.2
56°	*168.9*	*171.5*	*186.0*	*173.2*	*240.5*	*355.7*	*399.2*	*403.5*	*397.5*	*354.8*	*233.7*
57.5°	166.3	170.6	183.4	170.6	241.4	358.3	400.1	*400.1*	398.4	358.3	236.3
60°	159.5	164.6	175.7	162.9	239.7	356.6	396.6	*397.5*	396.6	359.1	236.3
62.5°	150.1	155.2	167.2	154.4	234.6	348.9	395.8	*398.4*	395.8	351.4	229.5
65°	136.5	142.5	152.7	140.7	221.8	334.4	375.3	*376.2*	374.5	333.5	215.8
67.5°	121.1	126.2	136.5	125.4	206.4	312.2	346.3	*344.6*	344.6	307.9	198.7
70°	103.2	108.3	117.7	107.5	186.8	281.5	311.3	*311.3*	311.3	277.2	176.6
72.5°	82.7	87.9	97.2	88.7	162.1	243.1	269.5	*271.3*	271.3	238.8	150.1
75°	62.3	66.5	74.2	69.1	131.4	198.7	220.1	*220.1*	222.6	195.3	119.4
77.5°	41.8	45.2	51.2	48.6	97.2	152.7	167.2	*165.5*	169.7	147.6	86.2
80°	23.9	26.4	29.9	29.0	59.7	98.9	108.3	*109.2*	111.7	93.8	50.3
82.5°	11.9	12.8	14.5	13.6	24.7	43.5	48.6	*46.1*	52.0	38.4	18.8
85°	5.1	5.1	6.0	3.4	6.0	7.7	8.5	*7.7*	8.5	7.7	5.1
87.5°	3.4	4.3	4.3	1.7	4.3	5.1	6.0	*6.0*	6.0	5.1	3.4
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: P1442098
CATALOG NUMBER: LXB-C1-835-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
2.5°	16.2	17.1	17.9	15.4	16.2	17.1	17.1	16.2	16.2	15.4	15.4
5°	24.7	24.7	25.6	27.3	25.6	24.7	24.7	23.0	24.7	21.3	21.3
7.5°	31.6	32.4	35.0	35.8	35.0	38.4	35.0	33.3	33.3	31.6	31.6
10°	37.5	39.2	42.6	43.5	46.9	43.5	42.6	38.4	37.5	35.8	35.8
12.5°	44.4	45.2	46.1	47.8	46.9	47.8	46.9	42.6	38.4	35.8	35.8
15°	49.5	50.3	52.9	56.3	53.7	52.9	52.9	49.5	44.4	39.2	38.4
17.5°	52.9	56.3	58.9	61.4	60.6	58.9	56.3	53.7	46.1	43.5	42.6
20°	57.2	59.7	66.5	67.4	66.5	64.0	61.4	56.3	50.3	47.8	47.8
22.5°	61.4	65.7	71.7	72.5	69.9	68.2	67.4	60.6	55.4	52.9	54.6
25°	67.4	69.9	75.1	75.9	76.8	72.5	72.5	66.5	63.1	65.7	67.4
27.5°	72.5	75.1	80.2	81.0	81.0	76.8	75.9	72.5	72.5	75.1	77.6
30°	78.5	79.3	85.3	85.3	85.3	81.0	79.3	76.8	78.5	82.7	85.3
32.5°	81.9	84.4	88.7	90.4	87.9	85.3	83.6	81.9	85.3	91.3	93.0
35°	85.3	87.9	92.1	94.7	92.1	90.4	87.0	86.2	93.0	98.9	100.7
37.5°	90.4	92.1	96.4	98.1	95.5	94.7	90.4	92.1	103.2	108.3	111.7
40°	94.7	96.4	100.7	102.4	100.7	99.8	94.7	98.9	114.3	121.1	123.7
42.5°	103.2	104.9	110.0	108.3	107.5	107.5	101.5	110.0	132.2	138.2	143.3
45°	125.4	126.2	132.2	124.5	123.7	127.9	121.1	135.6	172.3	181.7	191.1
47.5°	140.7	138.2	146.7	136.5	134.8	139.0	132.2	154.4	210.7	219.2	232.0
50°	162.9	157.8	164.6	151.0	147.6	157.0	151.0	186.8	257.6	273.0	282.3
52.5°	176.6	169.7	176.6	157.8	154.4	167.2	160.4	203.9	283.2	308.8	319.9
55°	183.4	171.5	180.0	160.4	157.8	171.5	162.9	213.2	302.8	340.3	348.0
56°	*184.2*	*170.6*	*178.3*	*160.4*	*157.0*	*169.7*	*162.9*	*215.0*	*307.1*	*345.5*	*349.7*
57.5°	182.5	167.2	175.7	158.7	155.2	167.2	160.4	216.7	309.6	346.3	348.9
60°	178.3	162.1	169.7	153.5	149.3	161.2	154.4	215.8	308.8	343.8	345.5
62.5°	171.5	153.5	162.1	145.0	141.6	153.5	145.9	211.5	303.7	342.1	345.5
65°	159.5	141.6	148.4	133.1	128.8	139.9	133.9	198.7	289.2	328.4	330.1
67.5°	144.2	126.2	132.2	118.6	114.3	125.4	119.4	182.5	267.8	302.8	300.3
70°	127.9	109.2	114.3	101.5	97.2	108.3	102.4	162.9	240.5	271.3	267.0
72.5°	108.3	90.4	94.7	82.7	78.5	88.7	85.3	139.9	209.0	235.4	232.0
75°	87.0	70.8	72.5	62.3	59.7	68.2	66.5	111.7	168.9	190.2	187.7
77.5°	63.1	50.3	50.3	42.6	40.1	47.8	46.9	81.0	124.5	140.7	136.5
80°	38.4	30.7	29.9	25.6	23.9	29.0	28.1	48.6	76.8	87.9	82.7
82.5°	17.1	15.4	14.5	12.8	11.9	13.6	12.8	19.6	30.7	37.5	31.6
85°	4.3	5.1	6.0	6.0	6.0	6.0	4.3	6.0	7.7	8.5	8.5
87.5°	2.6	2.6	4.3	4.3	4.3	4.3	2.6	4.3	6.0	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

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: SP1-2509-539-7

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

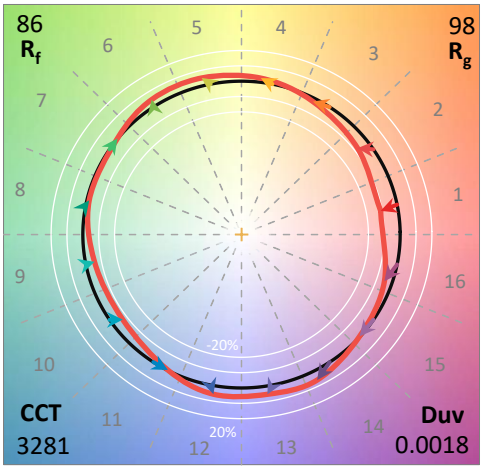
Test Information

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

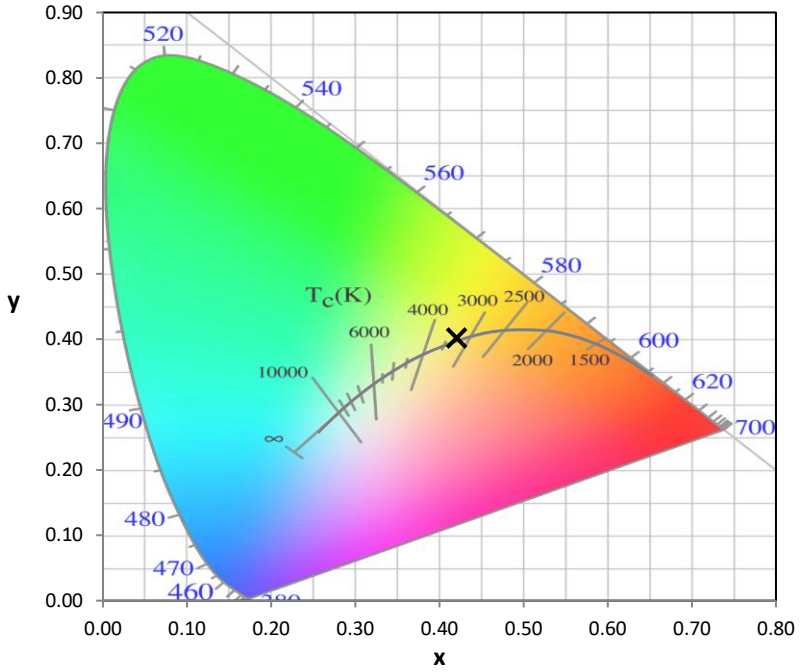
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

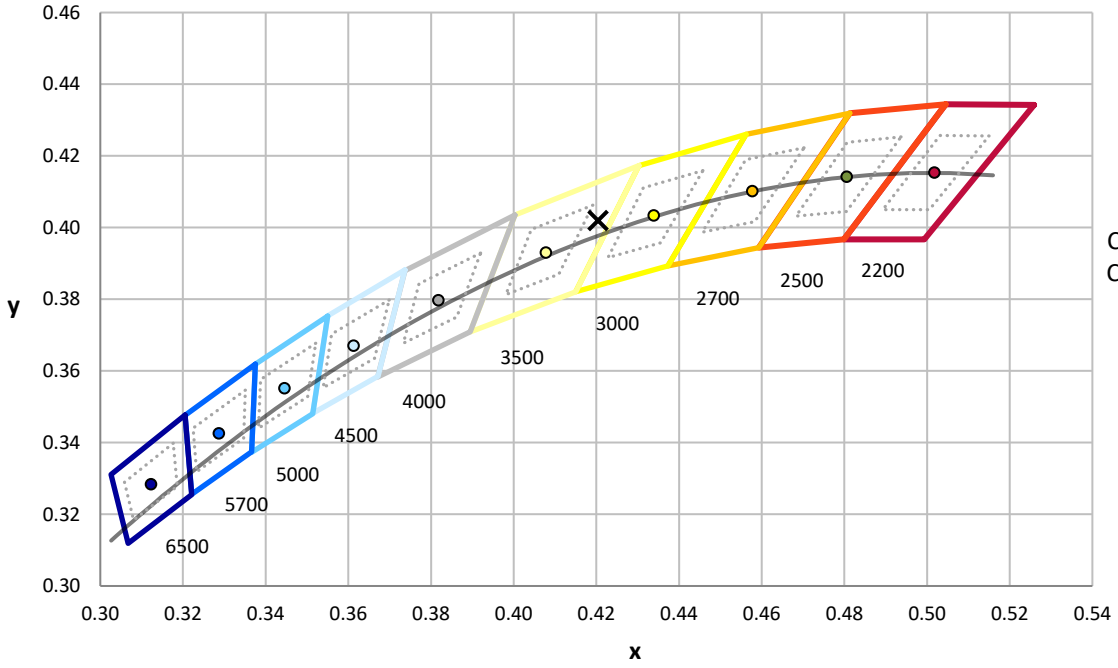
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

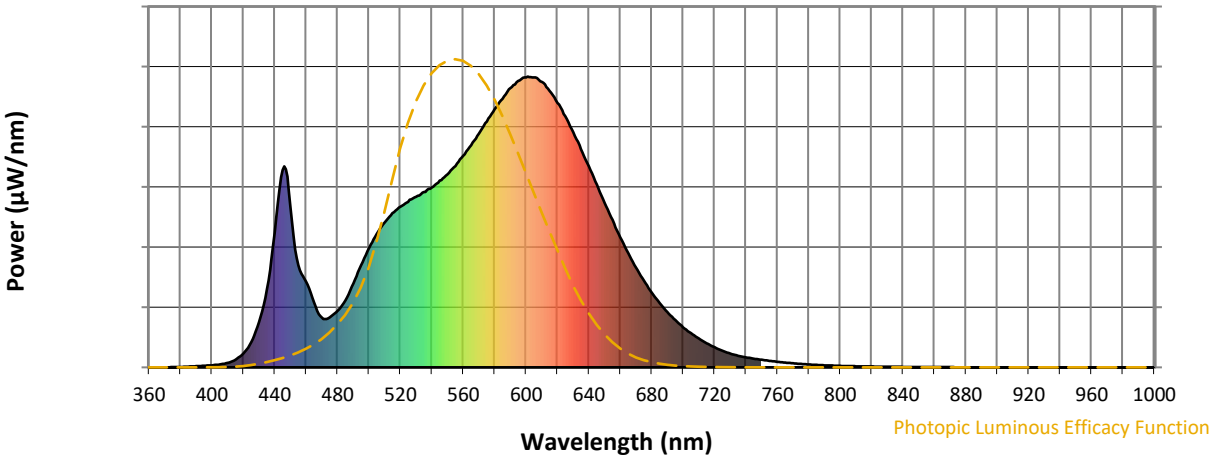


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

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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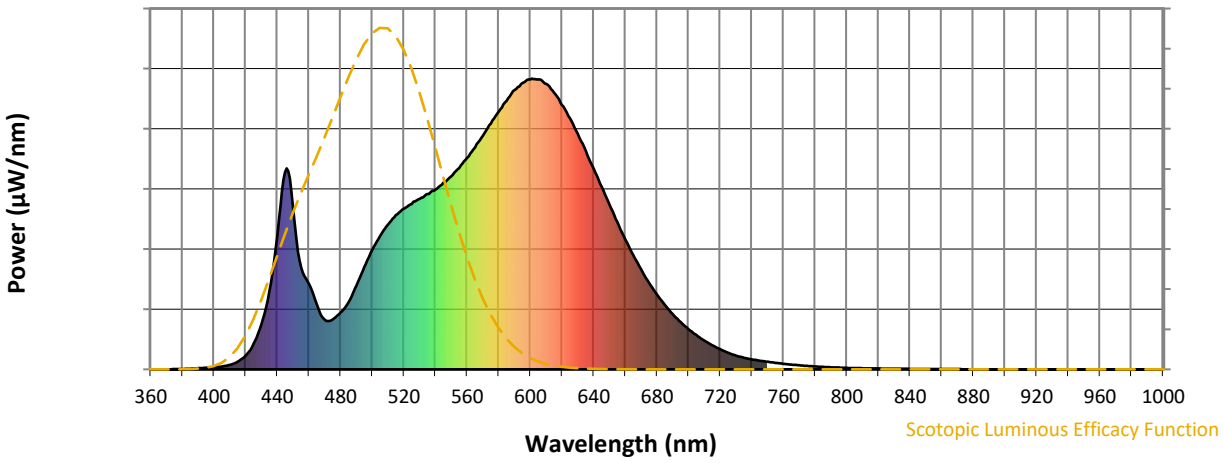
Scotopic Flux vs. Wavelength



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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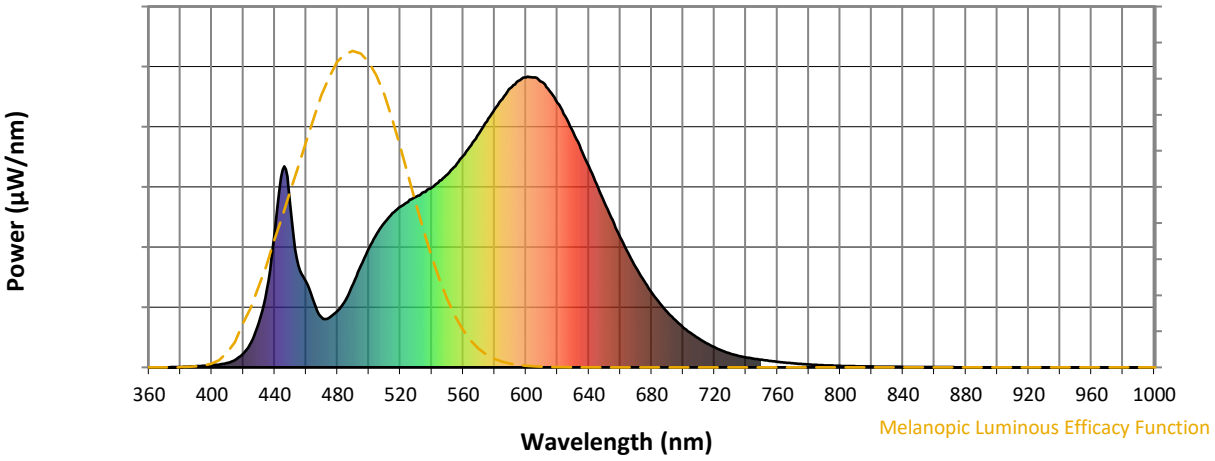
Melanopic Flux vs. Wavelength



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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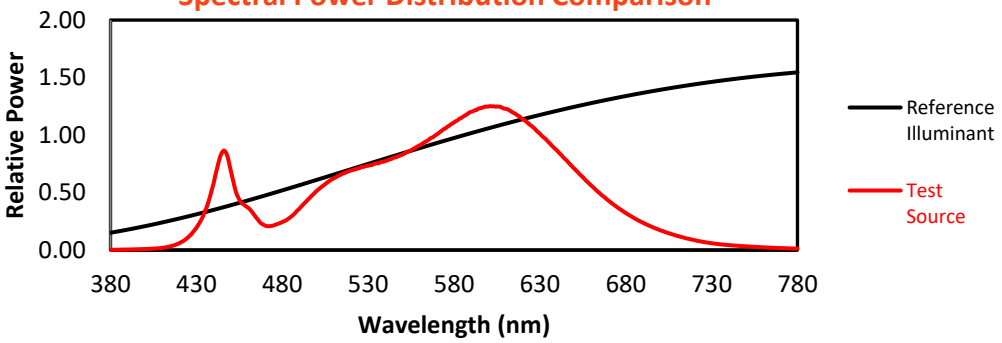
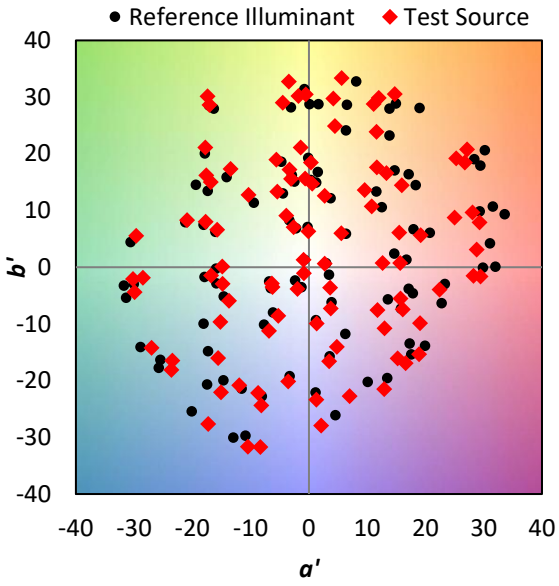
Summary

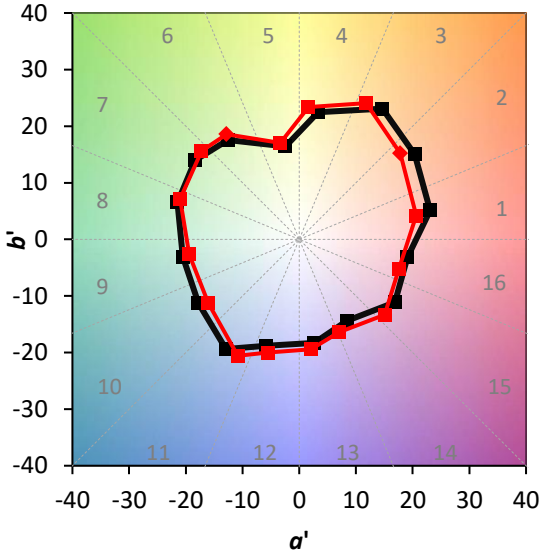
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

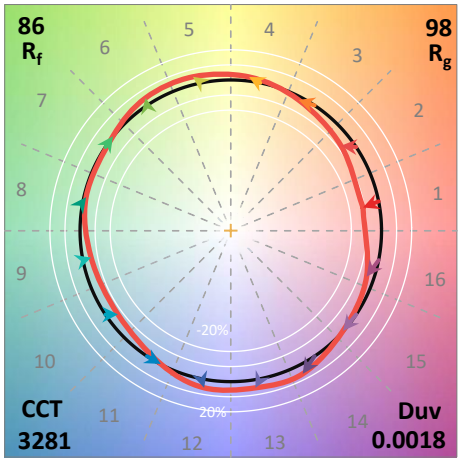
Spectral Power Distribution Comparison

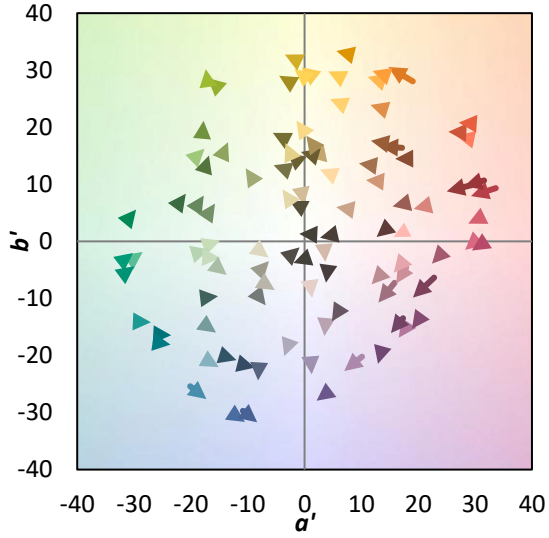


Color Vector Graphics









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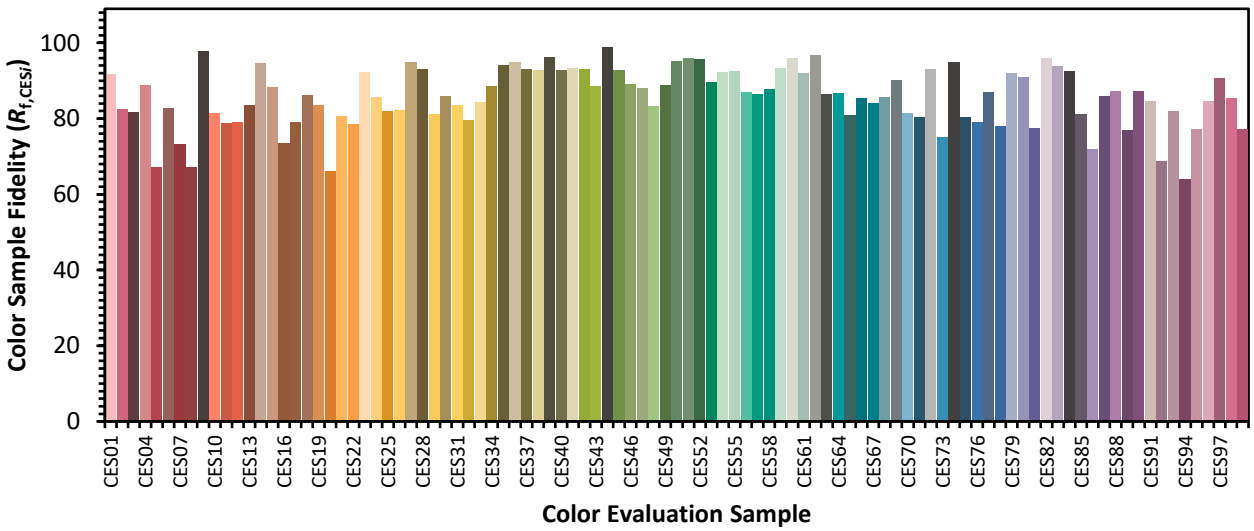
Individual Sample Fidelity Index ($R_{f,i}$)

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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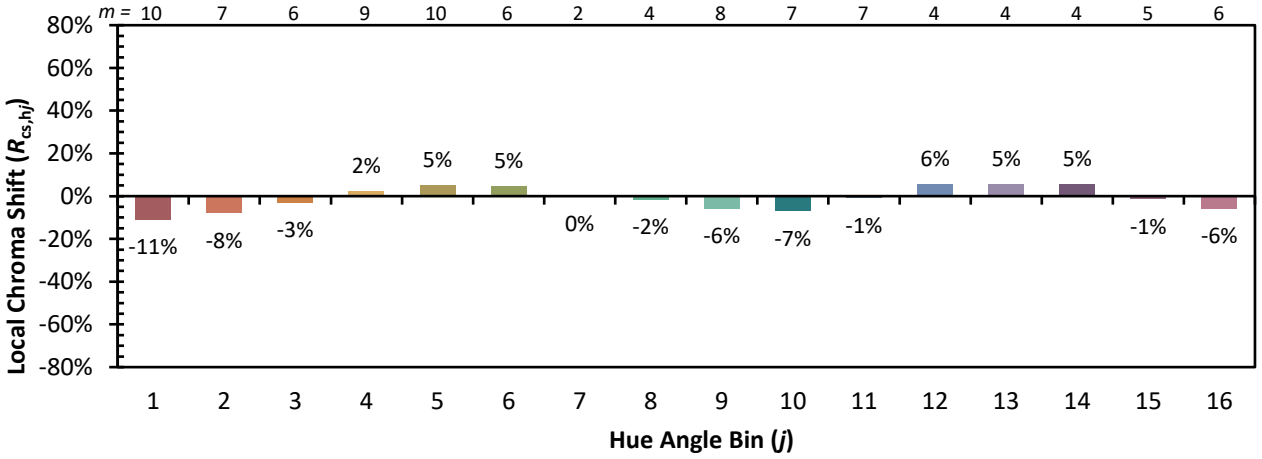
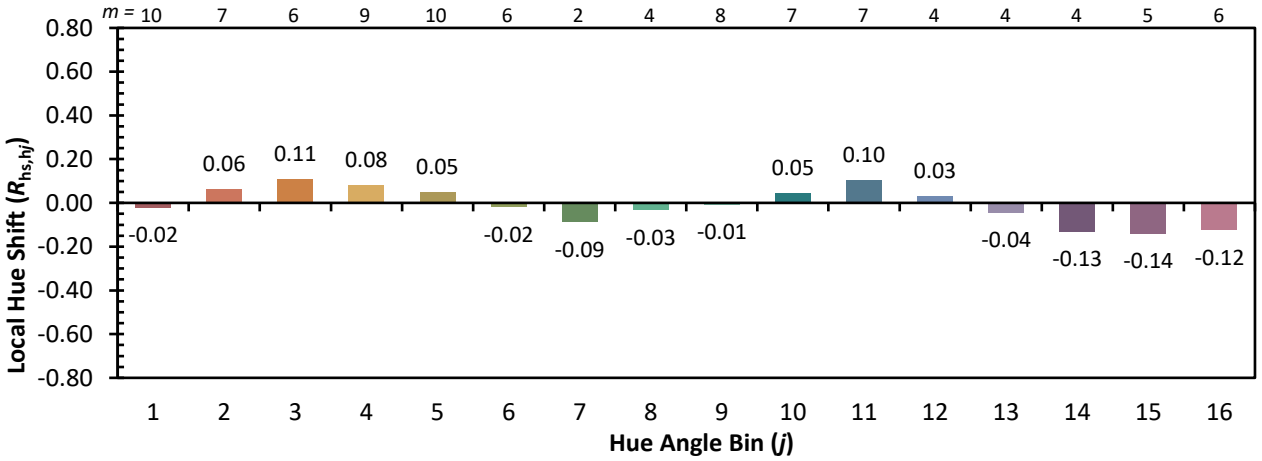
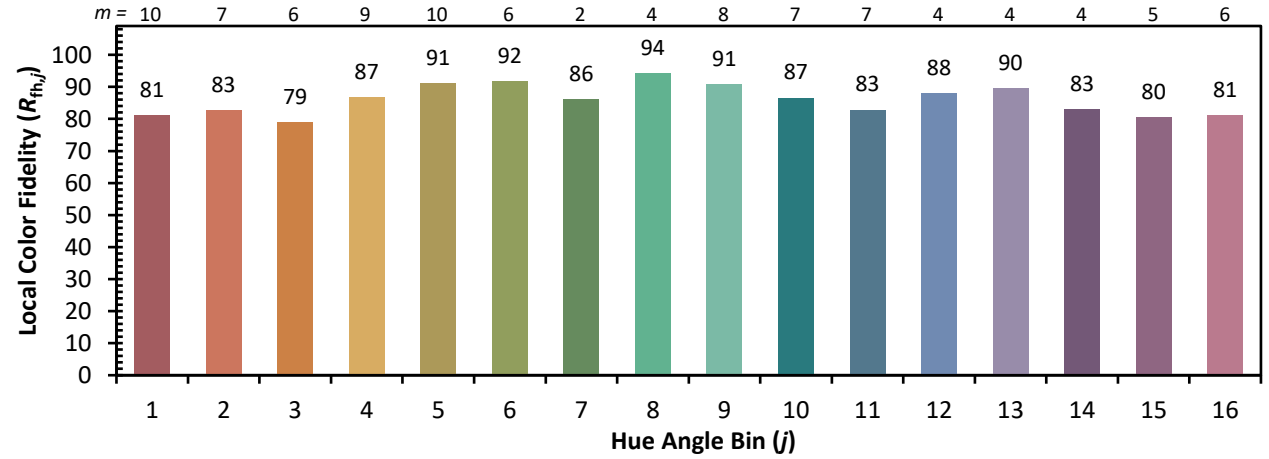
Color Rendition by Hue-Angle Bin







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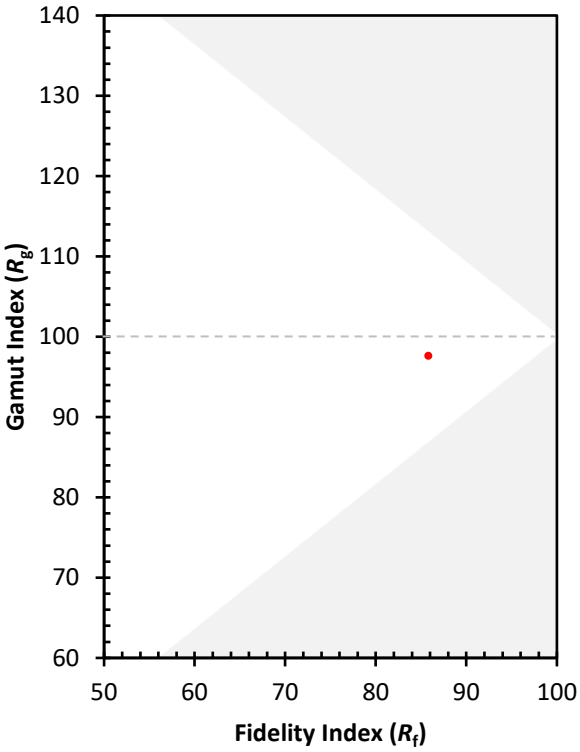
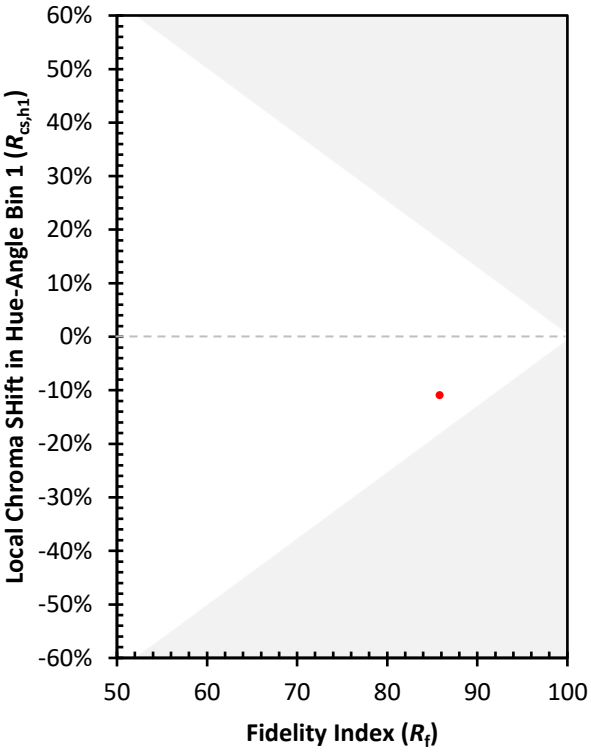
Measure Comparisons





(END OF REPORT)