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: P1442106

Luminaire Tested: LXB-C2-827-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:	P1442106
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-24)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C2-827-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:	1253.6 lumens
Efficiency:	N/A
Efficacy:	45.6 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	27.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9937
Total Harmonic Distortion (THDi):	0.088476
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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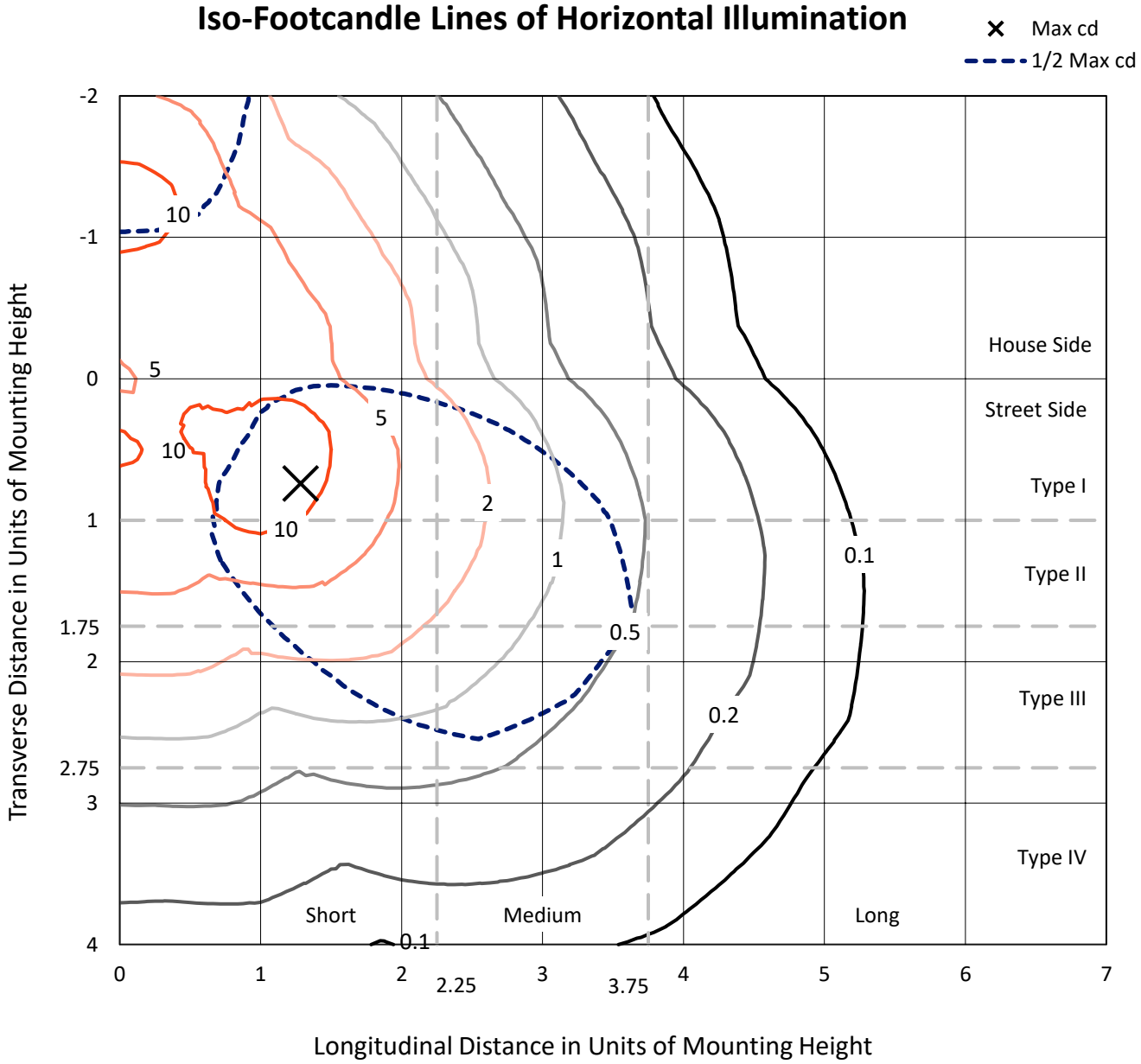
Scaled Data Report

REPORT NUMBER: P1442106
CATALOG NUMBER: LXB-C2-827-X-U-S-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 15.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1442106
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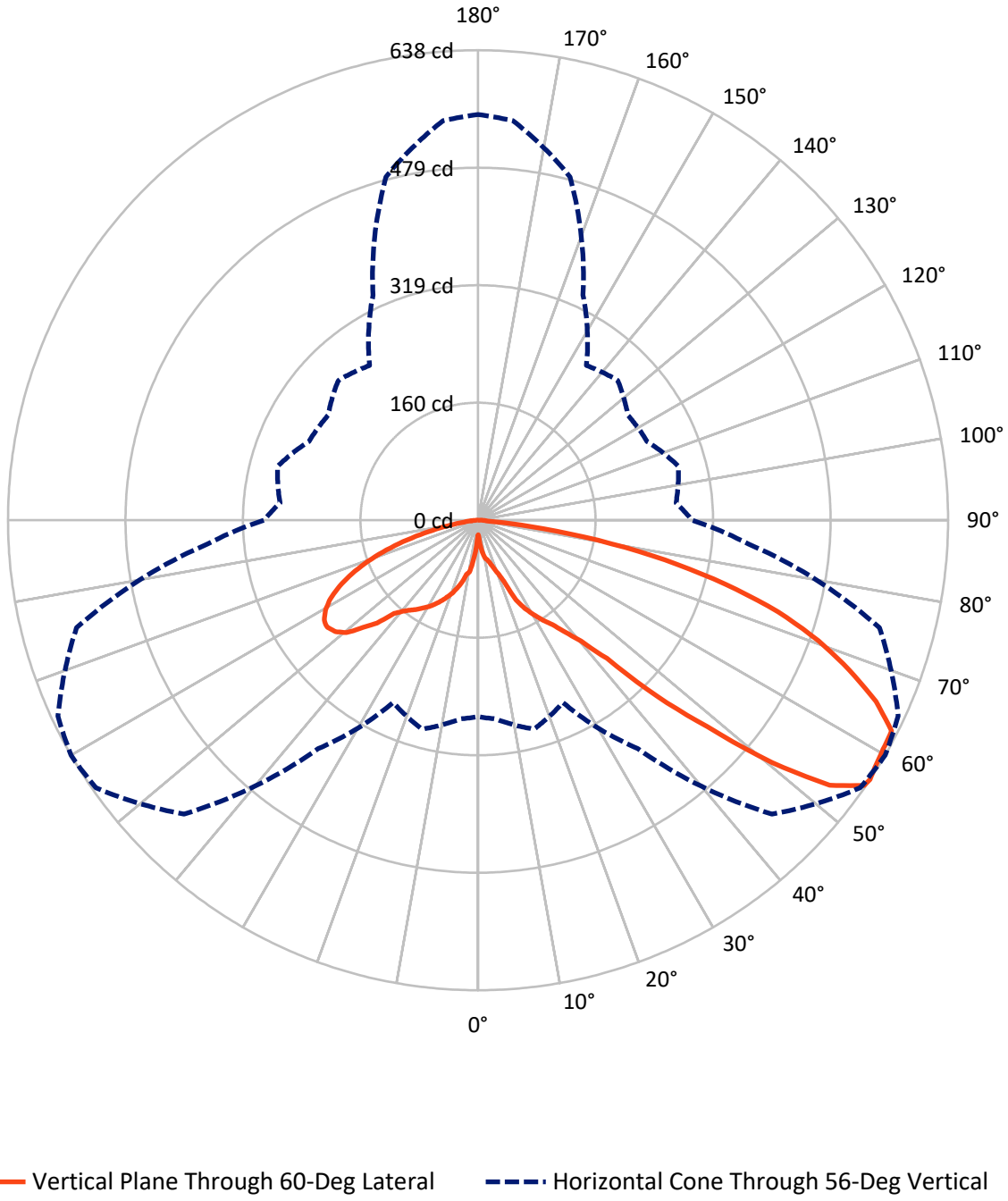
Luminous Intensity Polar Plot



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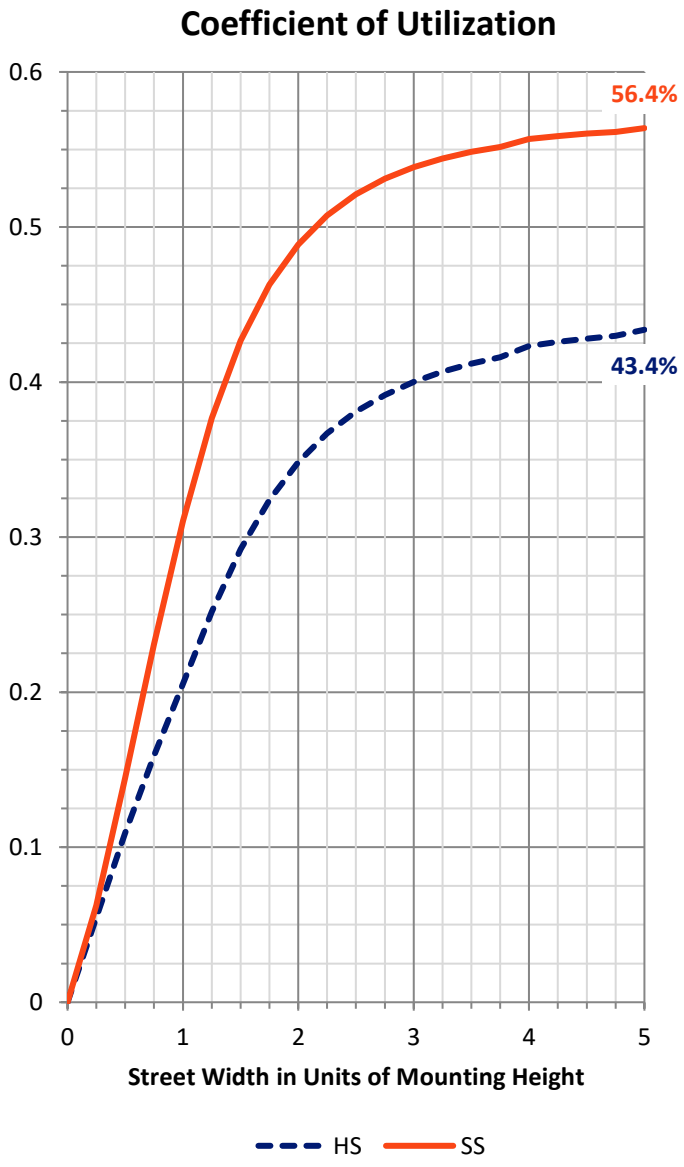
REPORT NUMBER: P1442106
CATALOG NUMBER: LXB-C2-827-X-U-S-GM

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	544.9	0.0	544.9
	% Fixture	43.5	0.0	43.5
Street Side	Lumens	708.7	0.0	708.7
	% Fixture	56.5	0.0	56.5
Total	Lumens	1253.6	0.0	1253.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.4
10°-20°	22.1	1.8
20°-30°	52.3	4.2
30°-40°	95.0	7.6
40°-50°	188.0	15.0
50°-60°	333.4	26.6
60°-70°	335.1	26.7
70°-80°	196.9	15.7
80°-90°	26.3	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°	1253.6	100.0
0°-180°	1253.6	100.0



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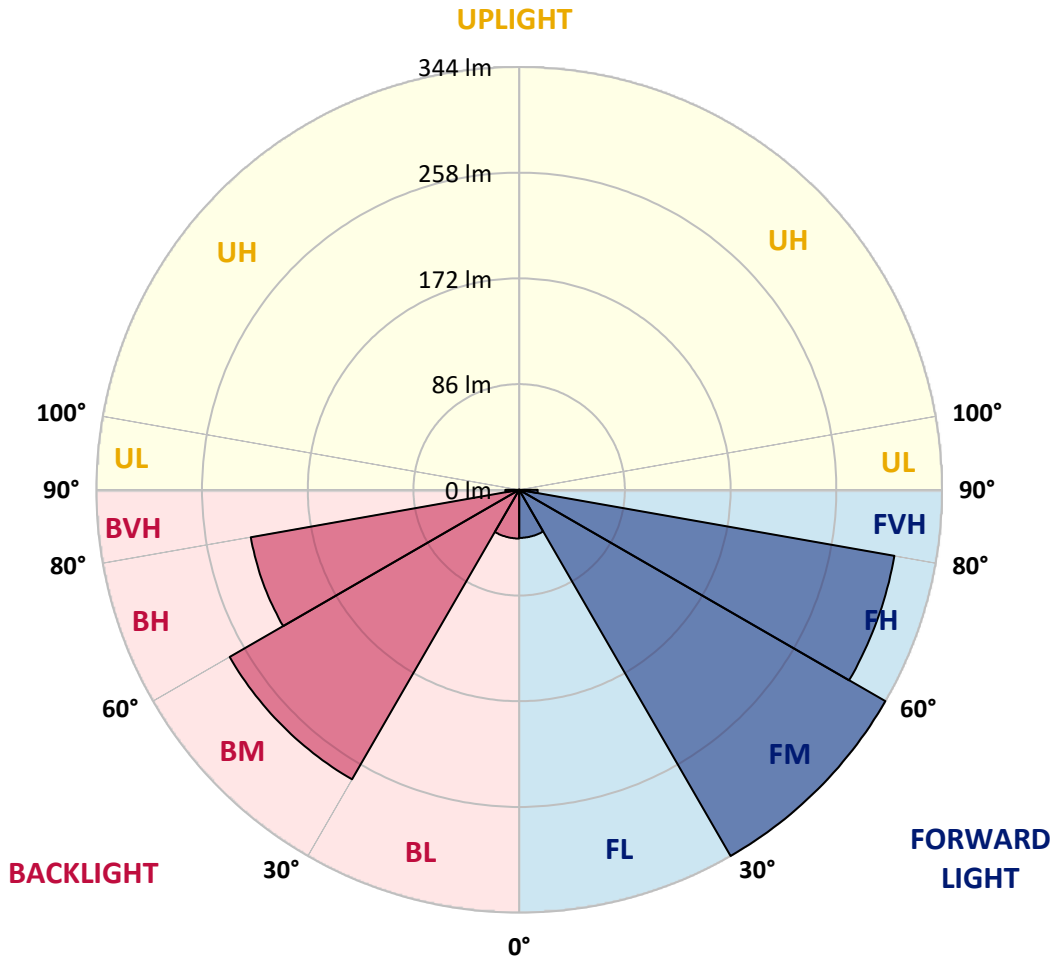
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	39.1	3.1			
FM	(30°-60°)	344.3	27.5			
FH	(60°-80°)	310.2	24.7			G0/660
FVH	(80°-90°)	15.1	1.2			G1/100
BL	(0°-30°)	39.6	3.2	B0/110		
BM	(30°-60°)	272.2	21.7	B1/1000		
BH	(60°-80°)	221.9	17.7	B1/500		G1/500
BVH	(80°-90°)	11.2	0.9			G1/100
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: P1442106
CATALOG NUMBER: LXB-C2-827-X-U-S-GM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	*19.9*	19.9	19.9	19.9
2.5°	28.6	27.0	24.6	25.4	24.6	24.6	23.0	*23.0*	22.2	23.8	26.2
5°	46.1	46.1	38.9	34.1	34.9	35.7	34.1	*34.9*	34.1	34.9	36.5
7.5°	59.6	58.0	58.8	53.2	50.8	50.0	46.8	*44.5*	44.5	48.4	50.8
10°	68.3	68.3	69.9	69.9	61.1	54.8	53.2	*52.4*	51.6	54.0	58.0
12.5°	73.0	77.0	78.6	77.8	69.9	60.3	54.8	*54.8*	54.0	60.3	65.9
15°	89.7	85.8	88.1	85.0	78.6	67.5	61.1	*60.3*	61.1	65.9	73.8
17.5°	99.2	101.6	96.1	89.7	83.4	74.6	69.9	*67.5*	66.7	70.7	81.8
20°	108.8	110.4	106.4	97.7	89.7	80.2	77.8	*77.0*	77.0	79.4	85.0
22.5°	118.3	119.9	115.1	104.8	96.9	88.9	88.9	*89.7*	86.5	87.3	92.9
25°	126.2	127.8	122.3	112.0	106.4	104.0	113.5	*119.9*	112.0	101.6	104.0
27.5°	135.8	135.8	131.8	120.7	115.9	122.3	132.6	*135.8*	133.4	118.3	114.3
30°	142.1	142.1	139.7	129.4	124.7	135.0	146.9	*148.5*	146.1	135.8	122.3
32.5°	148.5	147.7	146.9	135.0	132.6	148.5	160.4	*162.0*	159.6	150.1	130.2
35°	155.6	154.0	153.2	141.3	139.7	162.8	172.3	*173.9*	173.1	162.0	138.2
37.5°	163.6	160.4	160.4	149.3	150.9	177.9	189.8	*192.9*	189.8	177.9	148.5
40°	172.3	168.3	168.3	157.2	162.8	199.3	211.2	*216.0*	210.4	198.5	160.4
42.5°	184.2	181.0	183.4	172.3	182.6	234.2	247.7	*256.5*	244.6	235.0	177.9
45°	212.8	210.4	219.9	207.2	226.3	309.7	334.3	*341.4*	328.7	308.1	221.5
47.5°	232.6	232.6	243.0	228.7	264.4	385.9	414.5	*419.2*	399.4	393.8	258.0
50°	254.1	255.7	272.3	257.3	320.8	470.8	514.5	*517.7*	507.4	477.2	312.8
52.5°	262.8	266.8	289.8	272.3	356.5	528.0	590.7	*597.9*	583.6	532.0	346.2
55°	266.8	271.5	296.2	274.7	375.6	559.0	628.8	*636.0*	624.1	559.0	363.7
56°	*266.8*	*270.8*	*293.8*	*273.1*	*378.7*	*564.5*	*633.6*	*638.4*	*629.6*	*564.5*	*368.4*
57.5°	263.6	268.4	289.0	268.4	381.1	567.7	632.8	*635.2*	631.2	568.5	373.2
60°	253.3	258.8	278.7	257.3	378.7	562.2	628.8	*632.0*	628.8	567.7	374.8
62.5°	237.4	243.0	263.6	243.0	370.0	550.2	624.9	*630.4*	625.7	553.4	366.0
65°	217.6	222.3	240.6	222.3	350.9	525.6	589.9	*593.9*	593.1	524.0	344.6
67.5°	192.1	196.9	215.2	196.9	325.5	488.3	541.5	*543.9*	545.5	482.8	319.2
70°	164.4	168.3	185.8	169.1	295.4	436.7	485.1	*490.7*	493.1	431.9	285.8
72.5°	132.6	135.0	153.2	139.7	254.9	374.8	419.2	*426.4*	429.6	370.0	244.6
75°	100.0	99.2	117.5	108.0	206.4	303.3	340.6	*347.0*	352.5	300.1	194.5
77.5°	67.5	65.9	81.0	76.2	151.7	229.5	259.6	*259.6*	269.2	223.1	142.9
80°	38.9	37.3	46.8	45.3	92.9	143.7	165.9	*165.2*	177.1	142.9	86.5
82.5°	19.1	16.7	21.4	20.6	37.3	56.4	70.7	*70.7*	82.6	55.6	33.3
85°	7.9	7.9	8.7	5.6	8.7	11.1	11.9	*11.9*	13.5	11.1	8.7
87.5°	5.6	5.6	6.4	3.2	6.4	7.9	8.7	*8.7*	9.5	7.9	5.6
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: P1442106
CATALOG NUMBER: LXB-C2-827-X-U-S-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
2.5°	27.0	26.2	26.2	24.6	26.2	26.2	26.2	25.4	25.4	23.8	23.8
5°	38.1	38.9	40.5	43.7	40.5	38.9	37.3	36.5	38.1	33.3	34.1
7.5°	50.0	50.8	55.6	58.8	55.6	58.8	54.8	53.2	52.4	48.4	47.6
10°	60.3	61.9	65.9	68.3	74.6	68.3	67.5	61.1	58.0	55.6	54.8
12.5°	69.1	70.7	72.3	76.2	73.8	74.6	73.8	66.7	61.1	56.4	57.2
15°	77.0	78.6	84.2	88.9	85.0	82.6	82.6	77.0	69.1	61.9	61.1
17.5°	83.4	87.3	92.9	96.9	95.3	92.9	88.1	83.4	73.0	69.1	66.7
20°	88.9	93.7	104.8	105.6	104.8	100.8	96.1	88.1	79.4	75.4	74.6
22.5°	96.9	103.2	112.7	113.5	112.0	107.2	105.6	94.5	87.3	84.2	85.8
25°	105.6	110.4	119.1	119.9	120.7	113.5	112.7	104.0	98.5	103.2	106.4
27.5°	115.1	118.3	127.0	127.0	128.6	121.5	119.1	112.7	113.5	119.1	120.7
30°	123.1	125.5	134.2	135.0	134.2	128.6	125.5	119.9	123.1	130.2	131.0
32.5°	128.6	132.6	139.7	142.1	139.0	134.2	130.2	127.8	133.4	143.7	143.7
35°	134.2	139.0	145.3	149.3	144.5	142.1	135.8	135.0	145.3	155.6	156.4
37.5°	142.1	146.1	151.7	154.8	150.9	149.3	142.1	143.7	160.4	170.7	171.5
40°	150.1	152.4	159.6	162.0	158.0	157.2	147.7	154.8	177.9	191.4	192.1
42.5°	165.2	164.4	173.1	172.3	168.3	169.1	158.0	169.9	202.5	217.6	220.7
45°	199.3	197.7	208.8	197.7	193.7	200.1	187.4	208.8	262.8	286.6	291.4
47.5°	224.7	216.8	233.4	216.8	210.4	218.4	204.9	236.6	315.2	344.6	345.4
50°	260.4	248.5	261.2	238.2	231.8	246.9	235.8	290.6	398.6	430.3	432.7
52.5°	281.1	267.6	279.5	248.5	243.0	263.6	251.7	319.2	441.5	490.7	491.5
55°	290.6	271.5	283.5	253.3	248.5	270.8	257.3	335.1	474.8	538.3	543.1
56°	*290.6*	*270.0*	*281.9*	*253.3*	*248.5*	*268.4*	*256.5*	*337.4*	*482.8*	*544.7*	*551.0*
57.5°	287.4	264.4	277.1	251.7	246.1	264.4	252.5	340.6	487.5	546.3	551.8
60°	280.3	255.7	267.6	243.0	237.4	254.9	243.8	339.8	488.3	542.3	545.5
62.5°	269.2	242.2	254.1	229.5	224.7	241.4	230.3	333.5	481.2	539.1	546.3
65°	250.1	223.1	232.6	210.4	206.4	220.7	212.0	316.0	460.5	516.9	528.8
67.5°	225.5	197.7	206.4	187.4	185.0	196.1	189.8	289.8	428.8	478.0	484.3
70°	198.5	170.7	177.9	160.4	158.8	169.1	163.6	258.8	386.7	428.8	432.7
72.5°	167.5	142.1	146.9	131.0	130.2	137.4	135.8	223.1	337.4	373.2	379.5
75°	132.6	111.2	111.2	99.2	100.0	104.8	106.4	179.4	276.3	303.3	312.0
77.5°	95.3	78.6	78.6	68.3	69.1	73.0	75.4	131.8	207.2	225.5	233.4
80°	56.4	47.6	45.3	41.3	42.1	43.7	46.1	80.2	132.6	142.1	148.5
82.5°	23.8	23.0	21.4	20.6	22.2	21.4	22.2	33.3	58.0	61.1	66.7
85°	6.4	7.1	8.7	9.5	9.5	9.5	6.4	9.5	13.5	14.3	15.1
87.5°	3.2	4.0	6.4	6.4	6.4	6.4	3.2	6.4	9.5	10.3	10.3
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

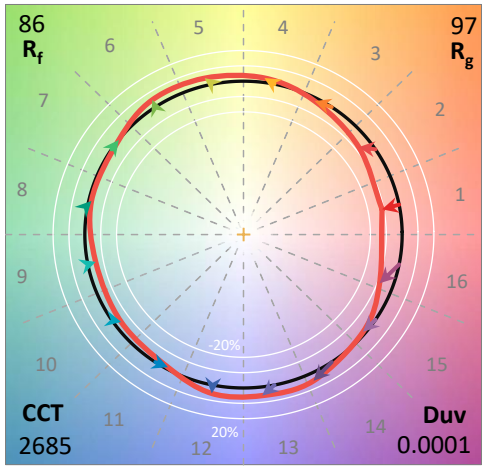
Test Information

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

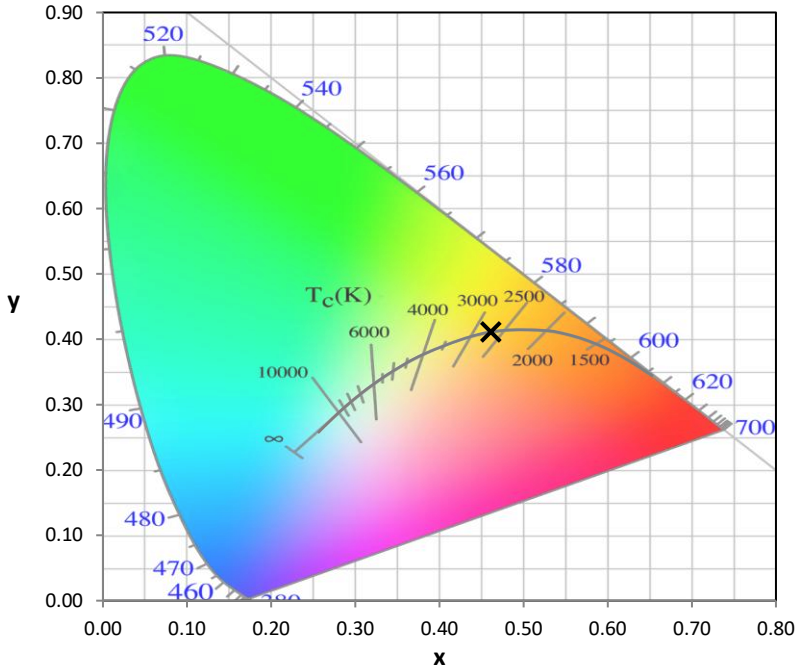
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

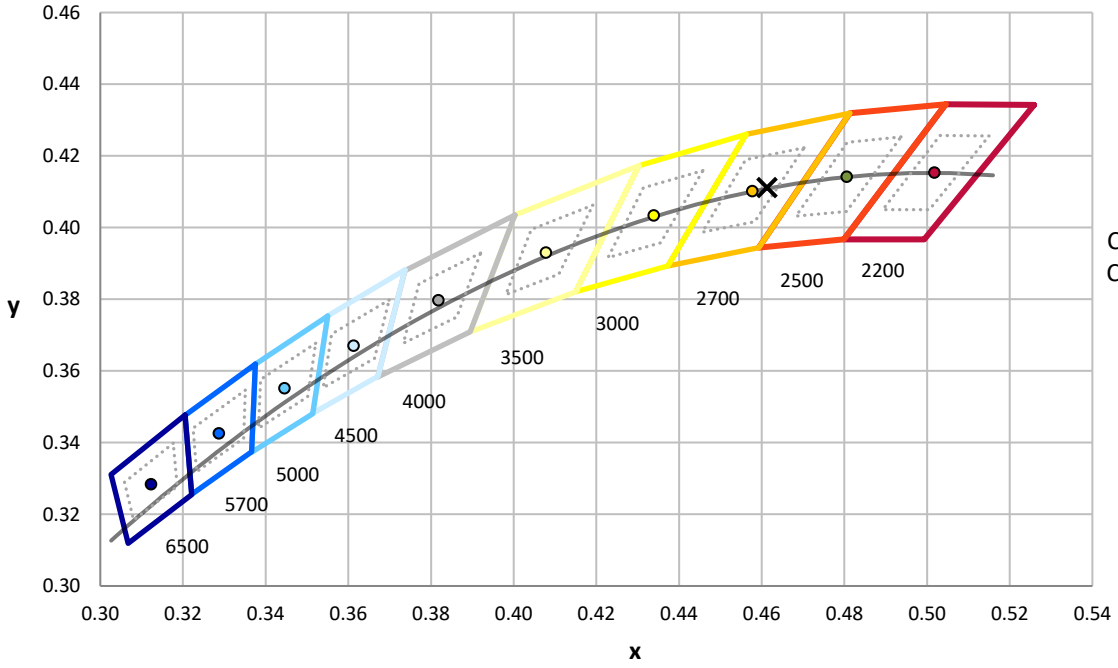
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

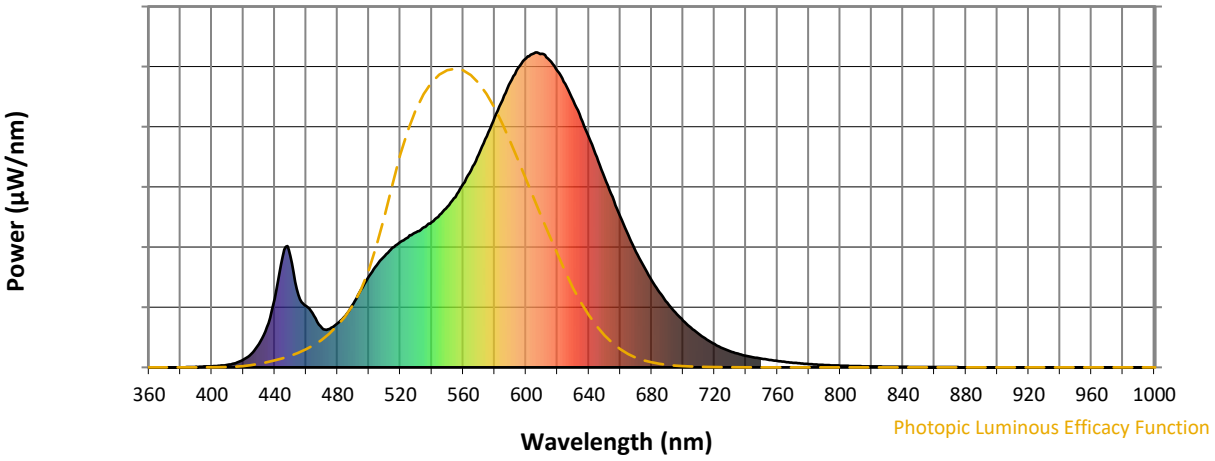


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-6

Photopic Flux vs. Wavelength

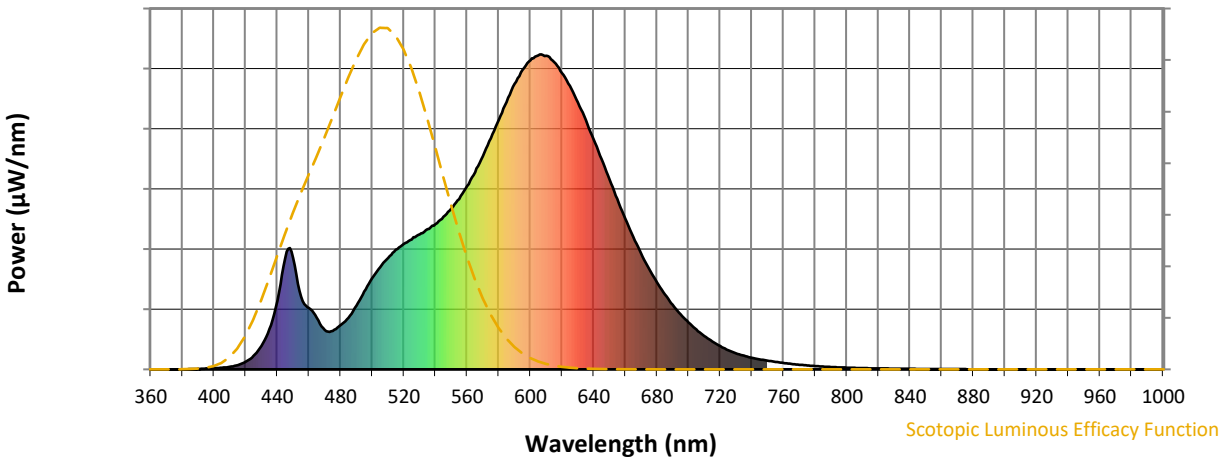


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2509-539-6

Scotopic Flux vs. Wavelength

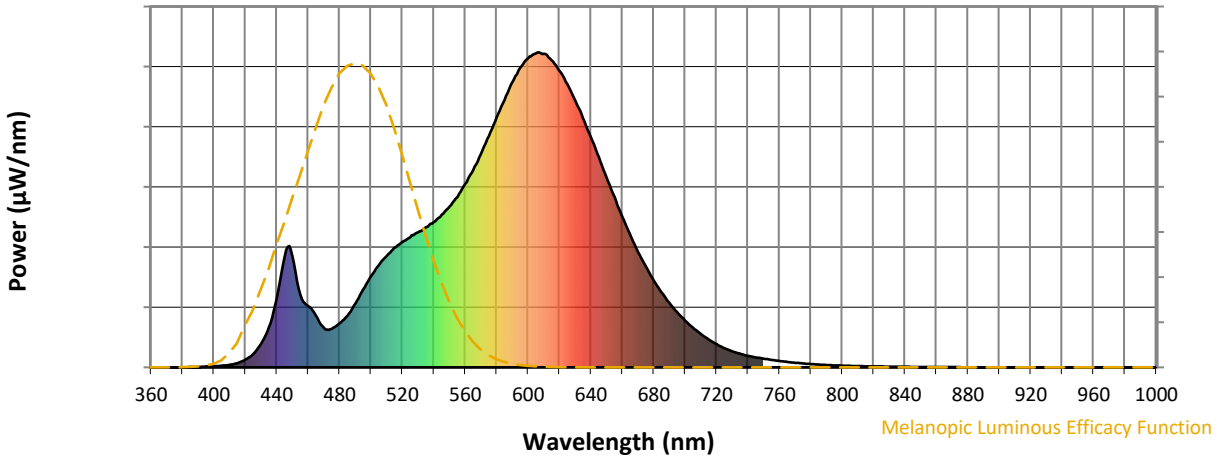


Scotopic Lumens: NR **S/P: 1.22**

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			

REPORT NUMBER: SP1-2509-539-6

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			

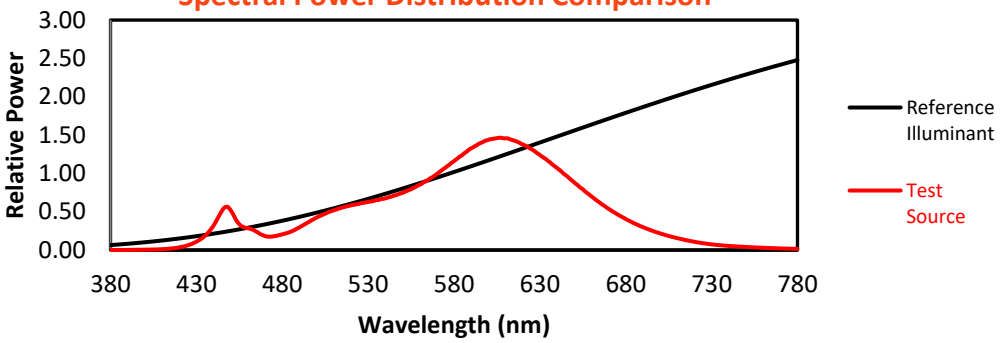
REPORT NUMBER: SP1-2509-539-6

TM-30-18

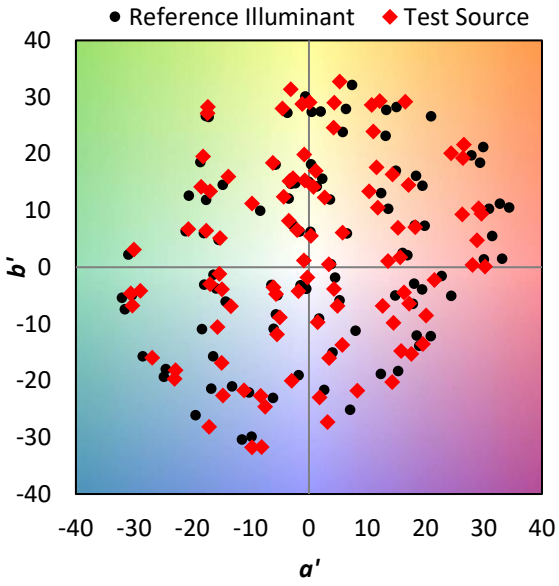
Summary

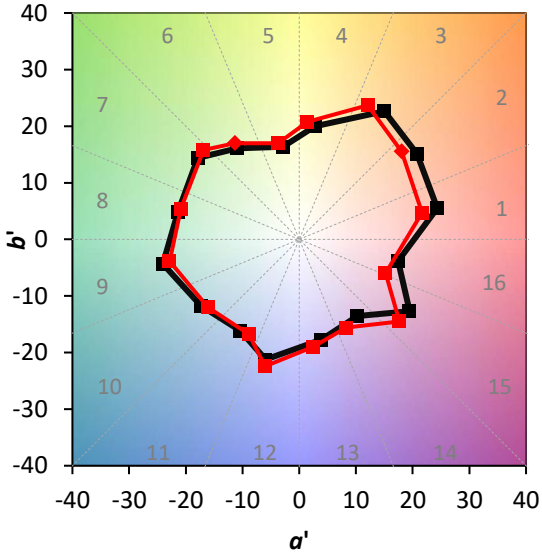
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

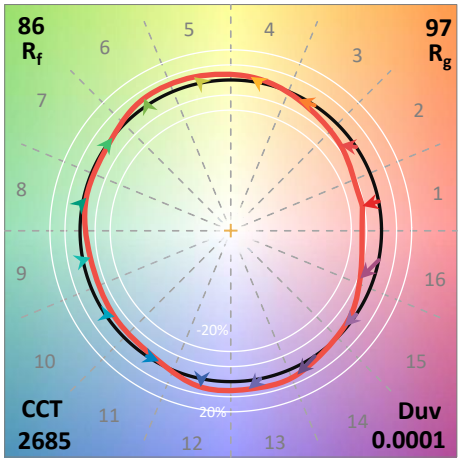
Spectral Power Distribution Comparison

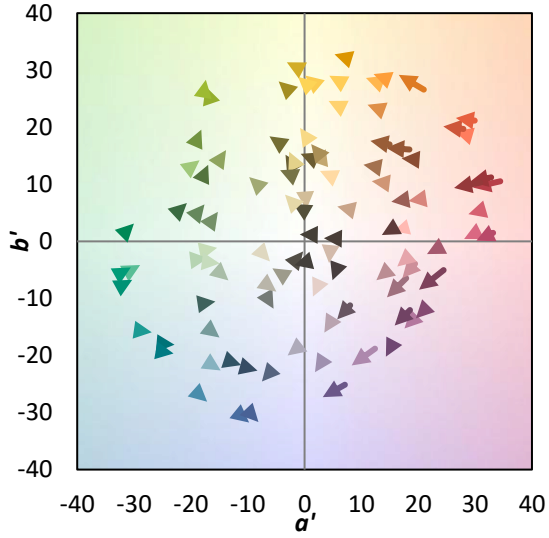


Color Vector Graphics







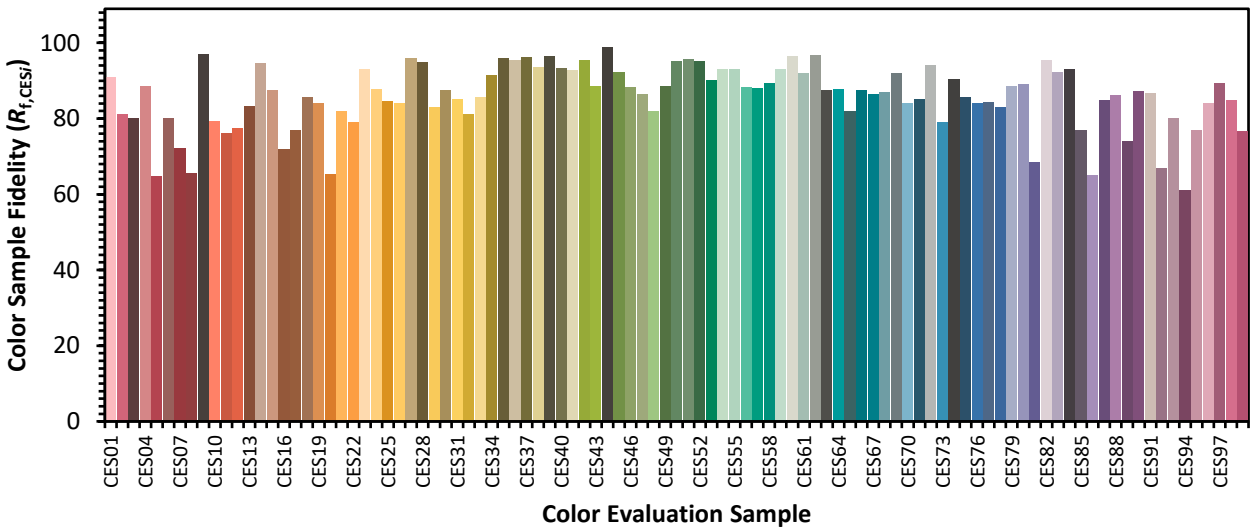


REPORT NUMBER: SP1-2509-539-6

TM-30-18

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

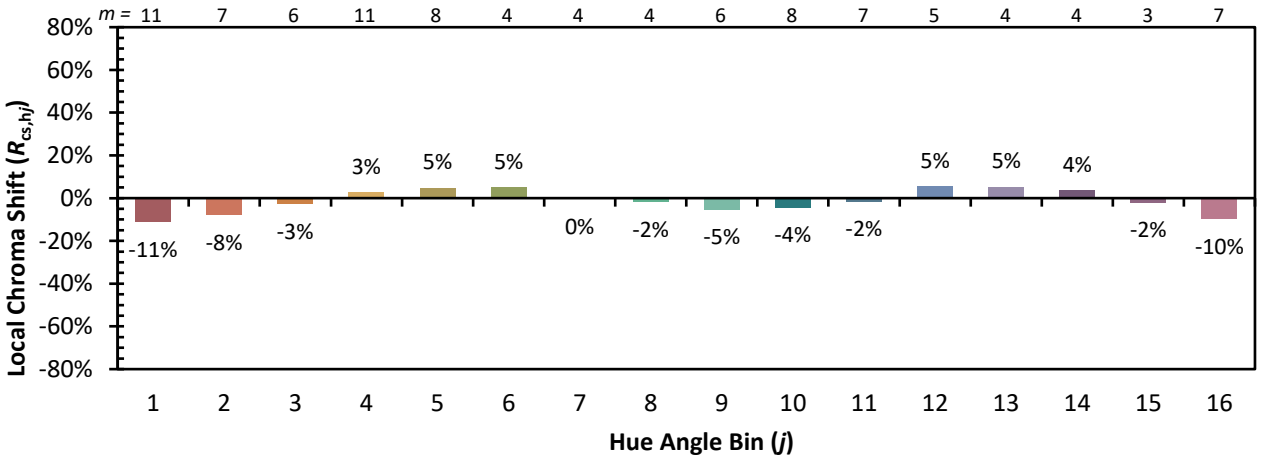
CES01 = 86	CES26 = 84	CES51 = 96	CES76 = 84
CES02 = 64	CES27 = 96	CES52 = 95	CES77 = 84
CES03 = 32	CES28 = 95	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 83	CES54 = 93	CES79 = 89
CES05 = 51	CES30 = 87	CES55 = 93	CES80 = 89
CES06 = 52	CES31 = 85	CES56 = 88	CES81 = 69
CES07 = 43	CES32 = 81	CES57 = 88	CES82 = 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	

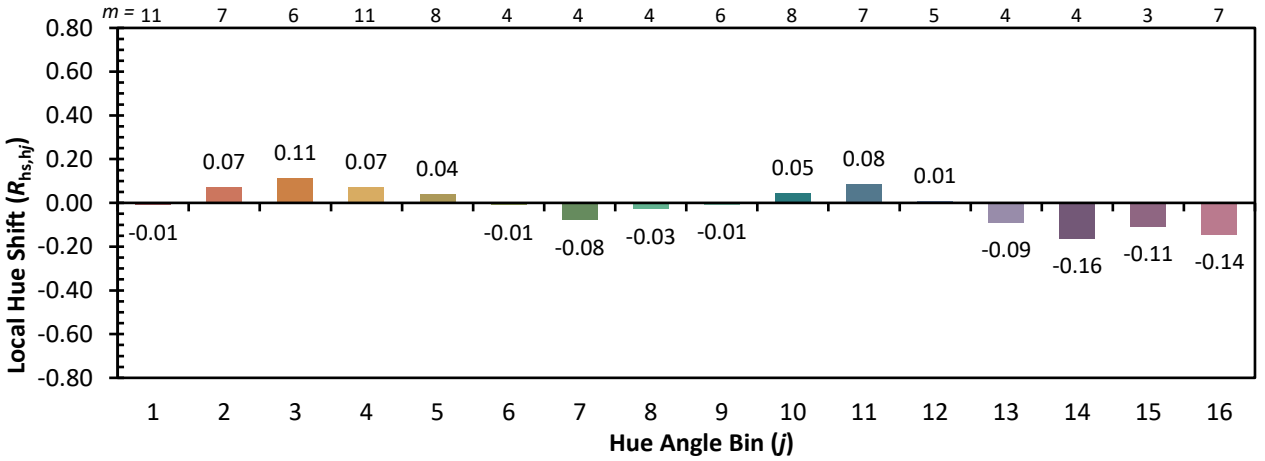


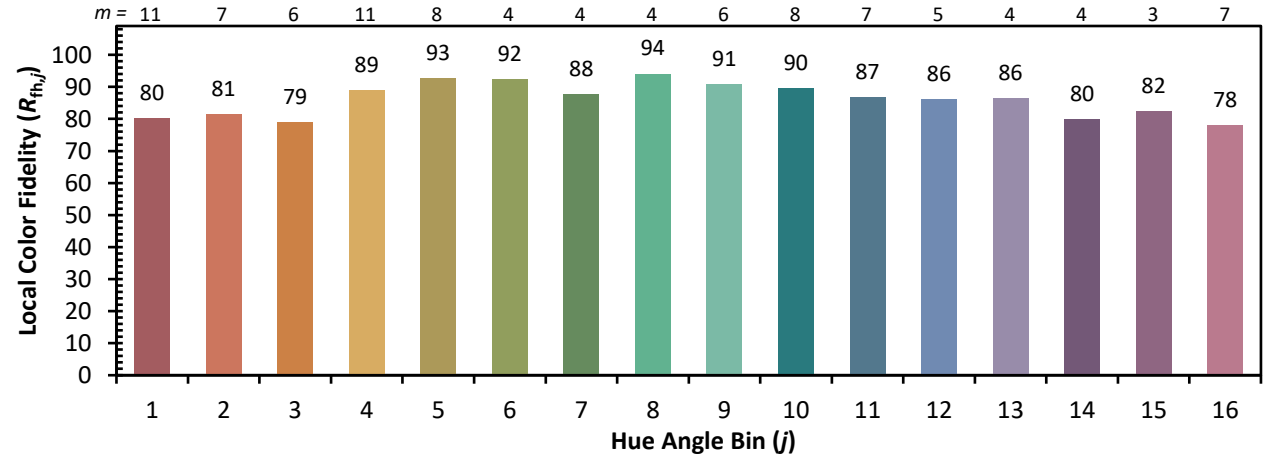
REPORT NUMBER: SP1-2509-539-6

TM-30-18

Color Rendition by Hue-Angle Bin



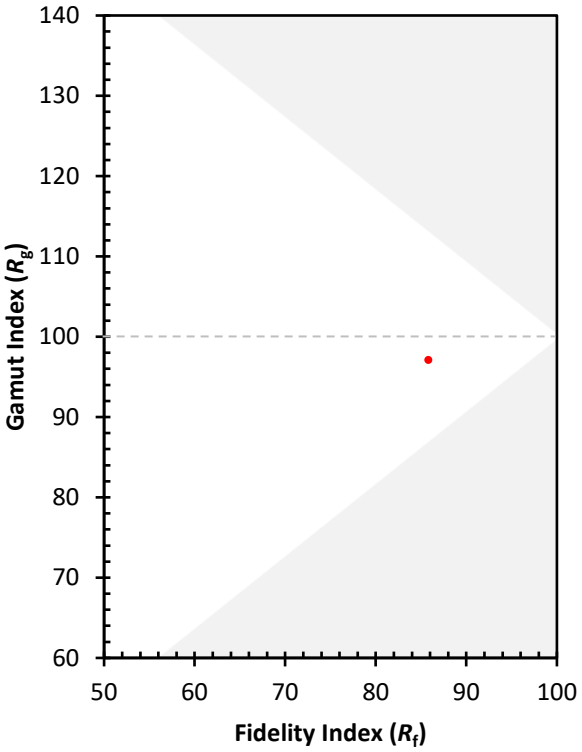


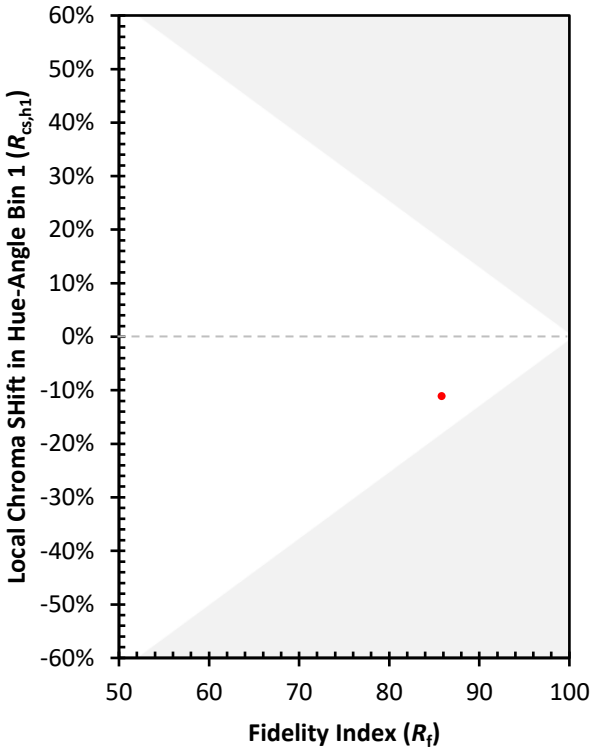


REPORT NUMBER: SP1-2509-539-6

TM-30-18

Measure Comparisons





(END OF REPORT)