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: P1442107

Luminaire Tested: LXB-C2-830-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:	P1442107
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-27)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C2-830-X-U-A-GM
Description:	LuxeScape 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:	883.3 lumens
Efficiency:	N/A
Efficacy:	46.5 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:	0.991
Total Harmonic Distortion (THDi):	0.090488
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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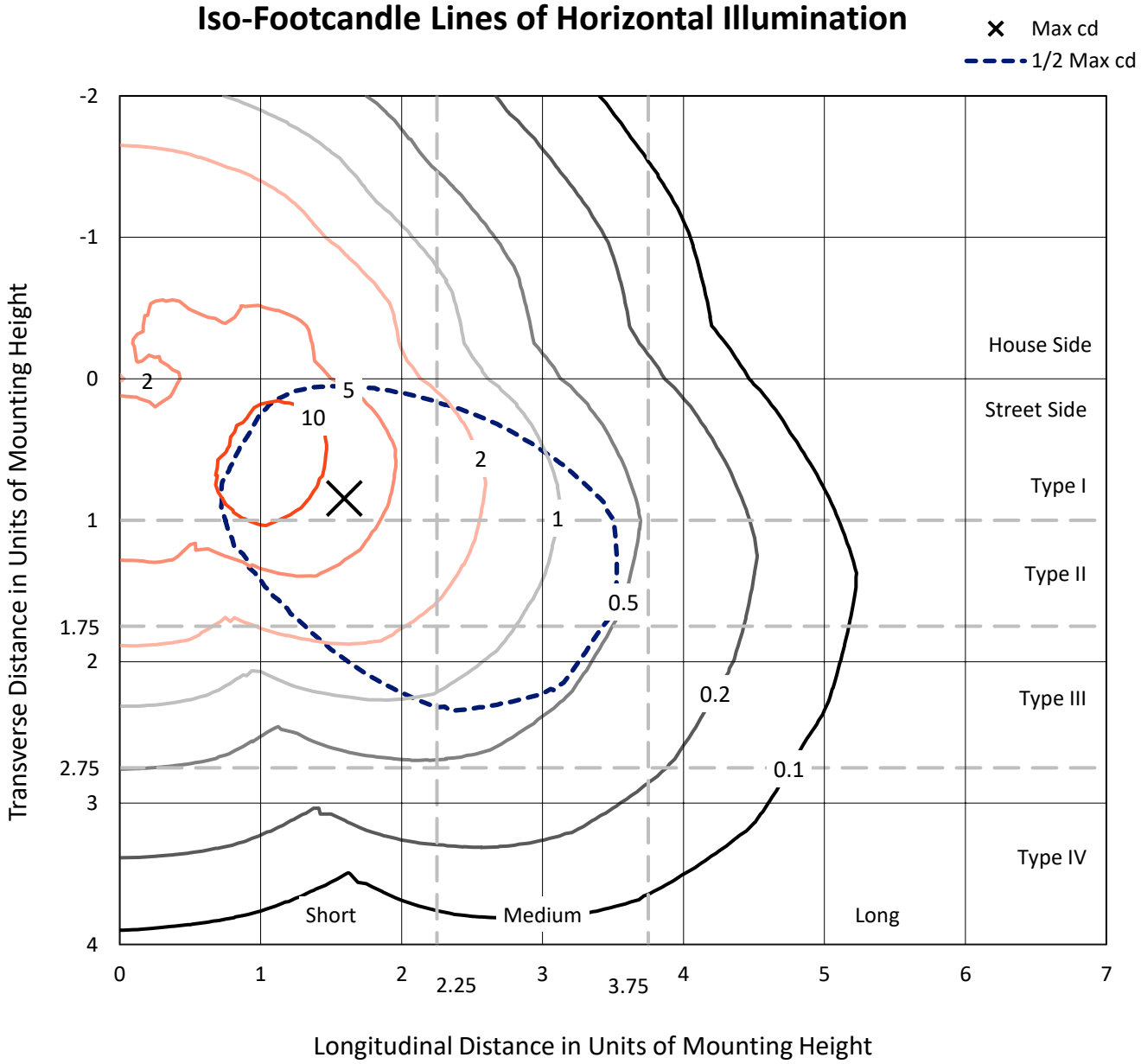
REPORT NUMBER: P1442107
CATALOG NUMBER: LXB-C2-830-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 14.2 fc
Type III - Short - N/A

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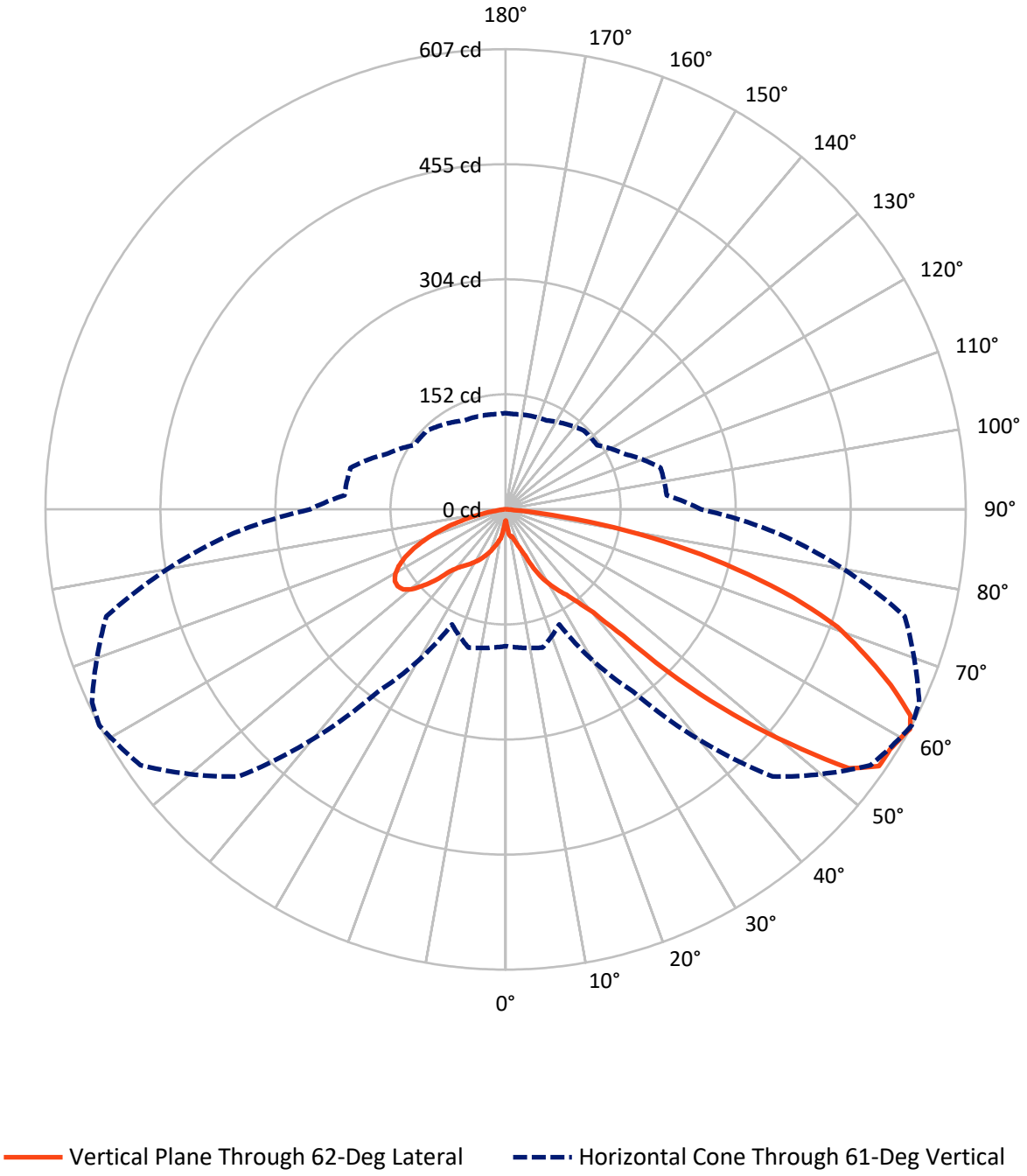
Luminous Intensity Polar Plot



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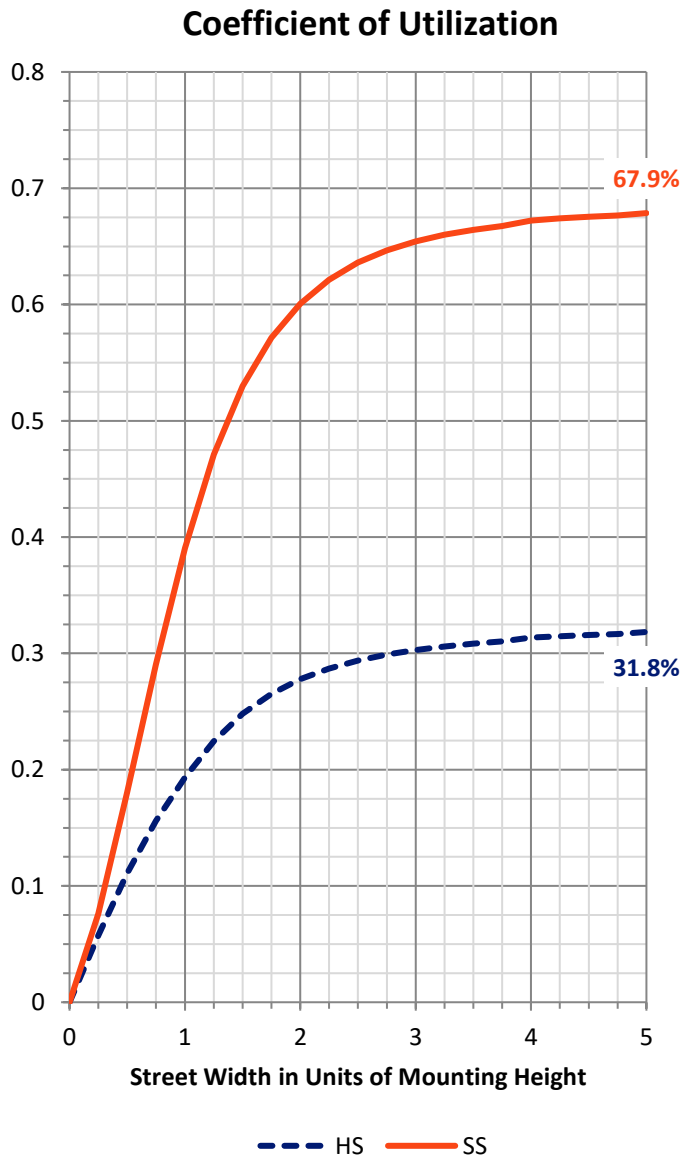
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	282.9	0.0	282.9
	% Fixture	32.0	0.0	32.0
Street Side	Lumens	600.4	0.0	600.4
	% Fixture	68.0	0.0	68.0
Total	Lumens	883.3	0.0	883.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.3
10°-20°	14.8	1.7
20°-30°	34.6	3.9
30°-40°	64.0	7.2
40°-50°	136.7	15.5
50°-60°	240.1	27.2
60°-70°	238.0	26.9
70°-80°	134.9	15.3
80°-90°	17.1	1.9
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°	883.3	100.0
0°-180°	883.3	100.0



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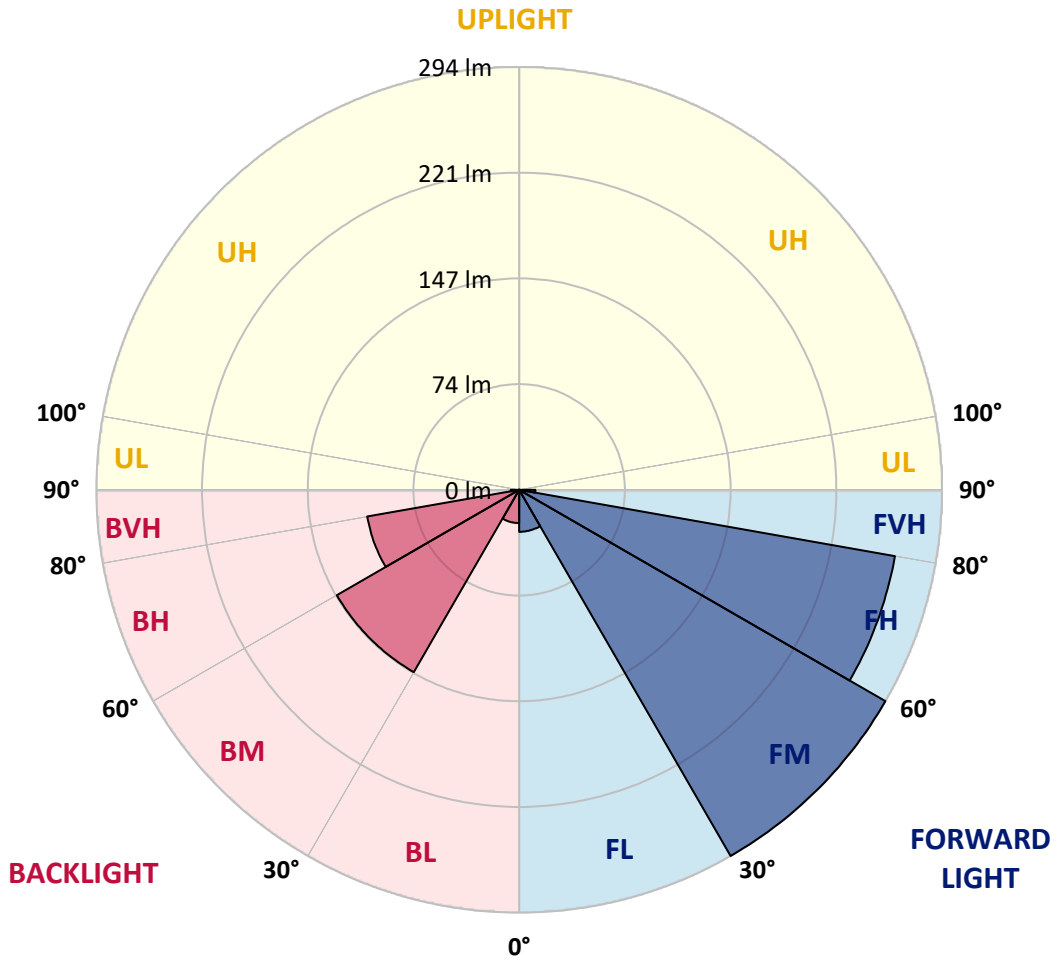
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	29.2	3.3			
FM	(30°-60°)	294.3	33.3			
FH	(60°-80°)	265.6	30.1			G0/660
FVH	(80°-90°)	11.3	1.3			G1/100
BL	(0°-30°)	23.1	2.6	B0/110		
BM	(30°-60°)	146.5	16.6	B0/220		
BH	(60°-80°)	107.4	12.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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-G1
Type III Short



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REPORT NUMBER: P1442107
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	*14.8*	14.8	14.8	14.8
2.5°	18.1	18.1	19.0	19.8	18.1	17.3	17.3	*17.3*	17.3	15.7	15.7
5°	30.5	31.3	32.1	28.8	28.8	29.7	25.5	*24.7*	23.1	22.2	19.8
7.5°	49.4	46.1	51.9	47.8	42.8	38.7	35.4	*33.8*	33.0	30.5	29.7
10°	60.2	63.4	57.7	56.0	53.6	46.1	40.4	*36.3*	35.4	33.8	31.3
12.5°	70.9	65.9	65.1	65.1	57.7	49.4	41.2	*36.3*	35.4	33.8	32.1
15°	74.2	75.8	75.0	70.9	63.4	51.9	43.7	*40.4*	38.7	36.3	37.9
17.5°	82.4	82.4	82.4	72.5	65.9	55.2	49.4	*47.0*	46.1	42.0	42.8
20°	89.8	89.8	89.8	75.8	69.2	61.8	57.7	*55.2*	54.4	50.3	47.0
22.5°	94.8	97.2	94.8	82.4	75.0	67.6	66.7	*65.9*	64.3	58.5	55.2
25°	101.4	102.2	98.9	85.7	80.8	77.5	84.9	*85.7*	84.0	69.2	65.9
27.5°	107.1	107.9	103.0	93.1	86.5	89.0	102.2	*102.2*	101.4	83.2	75.0
30°	112.9	112.9	107.9	97.2	91.5	102.2	113.7	*114.5*	113.7	101.4	84.0
32.5°	117.0	116.2	112.1	101.4	97.2	114.5	125.2	*126.9*	126.9	113.7	92.3
35°	120.3	120.3	116.2	104.6	103.0	125.2	137.6	*138.4*	138.4	126.9	101.4
37.5°	125.2	124.4	121.1	108.8	111.2	140.9	154.1	*155.7*	155.7	143.4	112.9
40°	131.0	129.4	126.9	115.4	122.0	160.7	174.7	*178.8*	177.2	164.8	127.7
42.5°	140.9	138.4	140.9	125.2	140.9	200.2	220.8	*228.2*	220.8	206.0	157.4
45°	164.0	162.3	168.1	151.6	179.6	281.0	316.4	*320.5*	319.7	286.8	206.8
47.5°	175.5	174.7	185.4	164.8	212.6	348.6	390.6	*404.6*	396.3	369.2	254.6
50°	190.3	189.5	201.9	182.1	253.8	420.2	476.3	*486.2*	484.5	444.1	299.9
52.5°	193.6	196.1	210.9	191.2	281.0	474.6	552.1	*567.7*	563.6	503.5	332.1
55°	196.1	199.4	210.9	189.5	292.5	501.0	585.9	*598.2*	594.9	535.6	353.5
57.5°	193.6	196.9	203.5	180.5	299.1	505.9	585.9	*598.2*	594.9	544.7	363.4
60°	185.4	187.9	193.6	171.4	295.8	501.0	585.0	*604.0*	598.2	545.5	363.4
61°	*180.5*	*182.9*	*188.7*	*167.3*	*293.3*	*498.5*	*588.3*	*607.3*	*602.3*	*545.5*	*360.1*
62.5°	173.0	174.7	178.8	158.2	285.1	490.3	584.2	*599.9*	598.2	538.1	351.8
65°	155.7	157.4	159.9	141.7	268.6	463.9	552.1	*558.7*	560.3	508.4	329.6
67.5°	136.8	137.6	139.3	123.6	248.0	426.8	502.6	*511.7*	510.1	467.2	302.4
70°	114.5	114.5	116.2	103.0	220.8	379.0	453.2	*464.7*	462.3	417.8	269.4
72.5°	89.8	90.6	90.6	82.4	186.2	322.2	388.1	*397.2*	398.8	359.3	226.6
75°	64.3	63.4	64.3	60.2	145.8	253.8	311.5	*314.8*	319.7	289.2	176.3
77.5°	41.2	41.2	39.6	39.6	103.0	182.1	229.1	*231.5*	235.7	211.8	121.1
80°	22.2	21.4	20.6	22.2	57.7	107.9	145.8	*145.8*	150.8	136.8	67.6
82.5°	10.7	9.9	9.1	9.9	19.8	34.6	61.0	*61.0*	65.9	57.7	23.1
85°	4.9	4.9	4.9	3.3	4.9	5.8	11.5	*10.7*	12.4	11.5	4.9
87.5°	3.3	3.3	3.3	1.6	3.3	4.1	4.9	*4.9*	4.9	4.9	3.3
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: P1442107
CATALOG NUMBER: LXB-C2-830-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2.5°	14.8	15.7	16.5	16.5	17.3	17.3	16.5	15.7	14.8	14.0	13.2
5°	19.8	19.0	19.0	23.1	23.1	24.7	25.5	25.5	23.9	23.1	23.1
7.5°	29.7	28.0	28.0	29.7	33.0	37.9	38.7	35.4	30.5	29.7	29.7
10°	31.3	30.5	32.1	36.3	46.1	47.8	47.8	42.8	39.6	37.9	37.1
12.5°	32.1	32.1	34.6	38.7	50.3	51.1	51.1	47.8	42.8	39.6	38.7
15°	37.9	37.9	39.6	46.1	52.7	55.2	55.2	53.6	47.8	37.9	37.9
17.5°	42.8	44.5	47.8	51.1	56.0	60.2	58.5	56.0	47.8	40.4	38.7
20°	47.8	51.1	57.7	57.7	59.3	62.6	61.8	57.7	47.8	40.4	39.6
22.5°	55.2	58.5	63.4	63.4	62.6	64.3	66.7	60.2	47.8	42.0	40.4
25°	65.1	66.7	70.0	68.4	68.4	67.6	70.0	65.1	54.4	47.0	46.1
27.5°	74.2	74.2	76.6	74.2	73.3	71.7	72.5	68.4	57.7	51.9	51.1
30°	80.8	80.8	84.0	79.9	76.6	75.0	75.8	71.7	61.0	56.0	55.2
32.5°	88.2	88.2	89.0	84.9	80.8	78.3	78.3	74.2	63.4	60.2	59.3
35°	94.8	94.8	94.8	90.6	84.0	81.6	80.8	75.8	66.7	63.4	62.6
37.5°	101.4	101.4	101.4	95.6	89.0	85.7	84.0	78.3	70.0	67.6	66.7
40°	111.2	110.4	109.6	102.2	94.8	90.6	87.3	81.6	74.2	72.5	71.7
42.5°	130.2	126.9	126.1	112.1	103.8	99.7	93.9	87.3	81.6	79.1	79.1
45°	167.3	156.6	156.6	134.3	122.0	119.5	112.9	103.8	98.1	94.8	94.8
47.5°	199.4	182.9	182.9	151.6	136.0	132.7	125.2	115.4	108.8	106.3	106.3
50°	229.9	206.0	206.0	168.1	148.3	145.0	137.6	129.4	122.0	118.7	119.5
52.5°	253.8	221.7	221.7	178.0	155.7	153.3	145.0	136.0	128.5	126.1	126.1
55°	263.7	227.4	227.4	182.1	158.2	156.6	148.3	139.3	131.8	130.2	129.4
57.5°	263.7	223.3	222.5	182.1	155.7	154.1	145.8	135.1	131.8	130.2	130.2
60°	259.6	215.9	215.1	177.2	150.0	148.3	140.9	131.0	129.4	127.7	127.7
61°	*257.9*	*213.4*	*211.8*	*173.0*	*147.5*	*146.7*	*137.6*	*129.4*	*127.7*	*126.1*	*126.9*
62.5°	252.1	207.6	204.4	167.3	142.6	141.7	133.5	126.1	124.4	122.8	122.8
65°	234.8	190.3	187.0	154.1	130.2	130.2	123.6	117.8	116.2	115.4	115.4
67.5°	212.6	170.6	165.6	137.6	116.2	116.2	111.2	107.1	106.3	106.3	106.3
70°	186.2	147.5	142.6	117.8	99.7	100.5	97.2	94.8	95.6	94.8	94.8
72.5°	156.6	122.0	116.2	95.6	81.6	84.0	81.6	82.4	82.4	82.4	82.4
75°	122.0	92.3	88.2	72.5	62.6	64.3	65.1	67.6	68.4	67.6	67.6
77.5°	84.0	63.4	58.5	49.4	44.5	47.0	47.8	50.3	51.9	51.9	51.1
80°	47.8	37.1	33.0	28.8	27.2	29.7	31.3	33.8	35.4	35.4	35.4
82.5°	18.1	15.7	14.8	14.0	14.0	14.8	15.7	18.1	19.8	20.6	19.8
85°	4.9	4.9	5.8	5.8	5.8	5.8	4.9	5.8	8.2	8.2	8.2
87.5°	1.6	2.5	3.3	4.1	4.1	4.1	2.5	4.1	5.8	6.6	6.6
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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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: SP1-2509-539-5

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

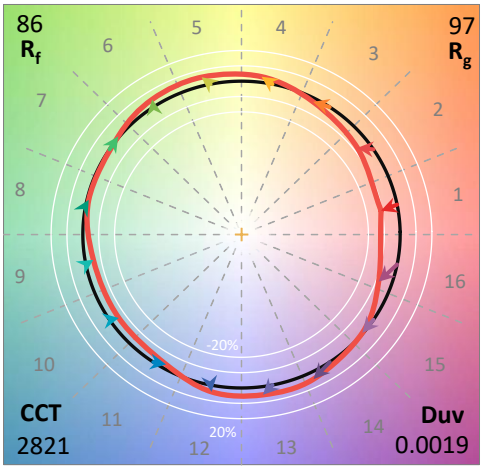
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2509-539-5
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-C1-830-LED-XX-Dx-S-GM-SPECULAR REFLECTOR

Spectral Parameters

CCT (K):	2821	CRI (Ra):	83.8		
CIE u':	0.2567	R1:	82.0	R9:	8.2
CIE v':	0.5277	R2:	90.6	R10:	79.9
Duv:	0.0019	R3:	97.7	R11:	85.5
CIE x:	0.4533	R4:	84.0	R12:	78.4
CIE y:	0.4141	R5:	82.7	R13:	83.9
CIE z:	0.1326	R6:	90.4	R14:	99.2
Peak Wavelength (nm):	607	R7:	83.6	R15:	73.1
Dominant Wavelength (nm):	583	R8:	59.4		
Purity:	60.36315				

Rf:	86.1
Rg:	97.2



Test Conditions

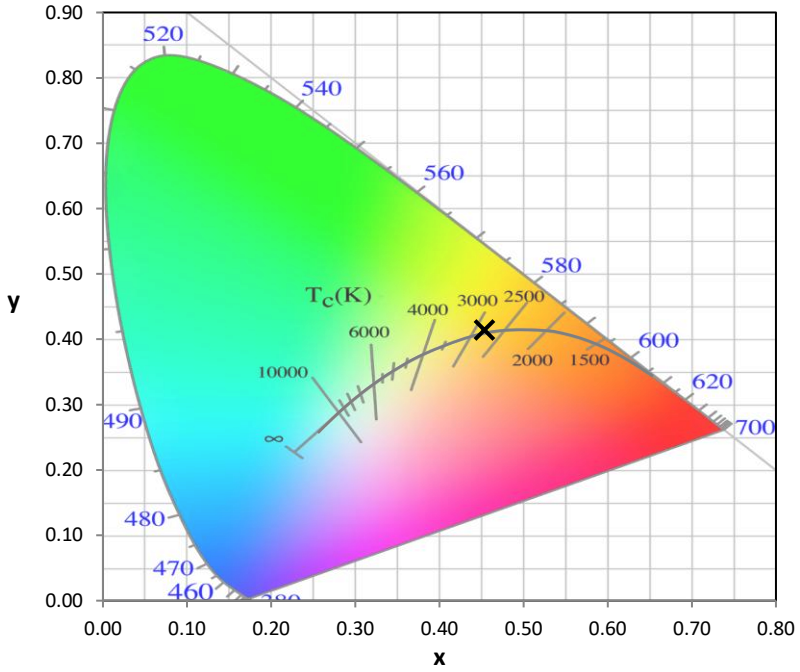
Stabilization Time:	28M
Operation Time:	1H 28M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-5

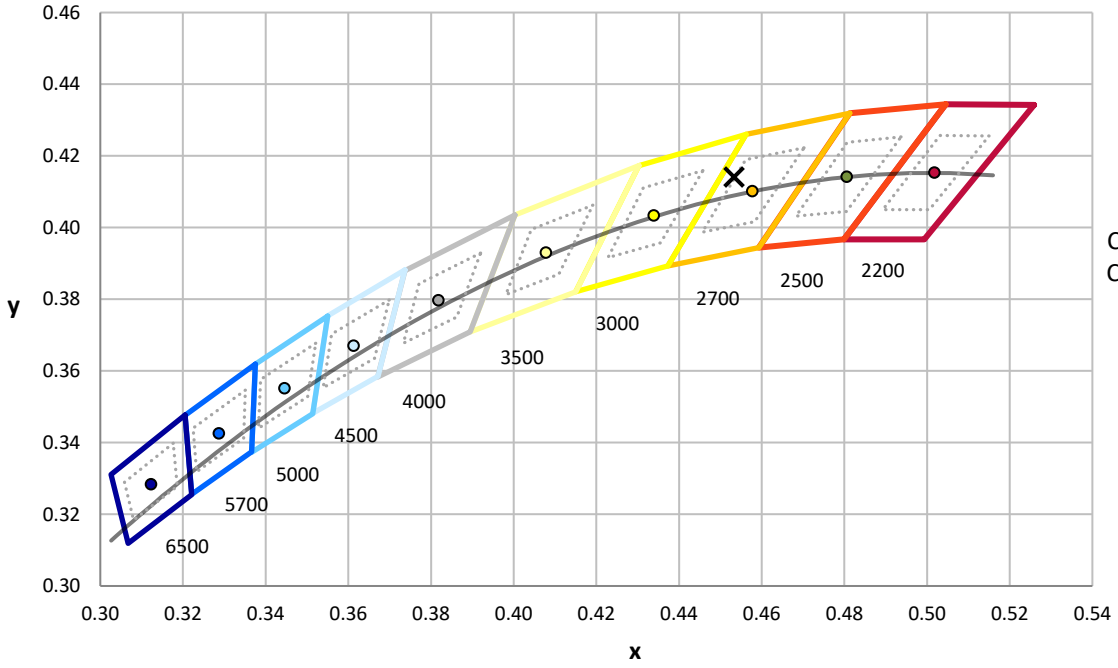
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	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: SP1-2509-539-5

CIE 1931 Chromaticity Diagram



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

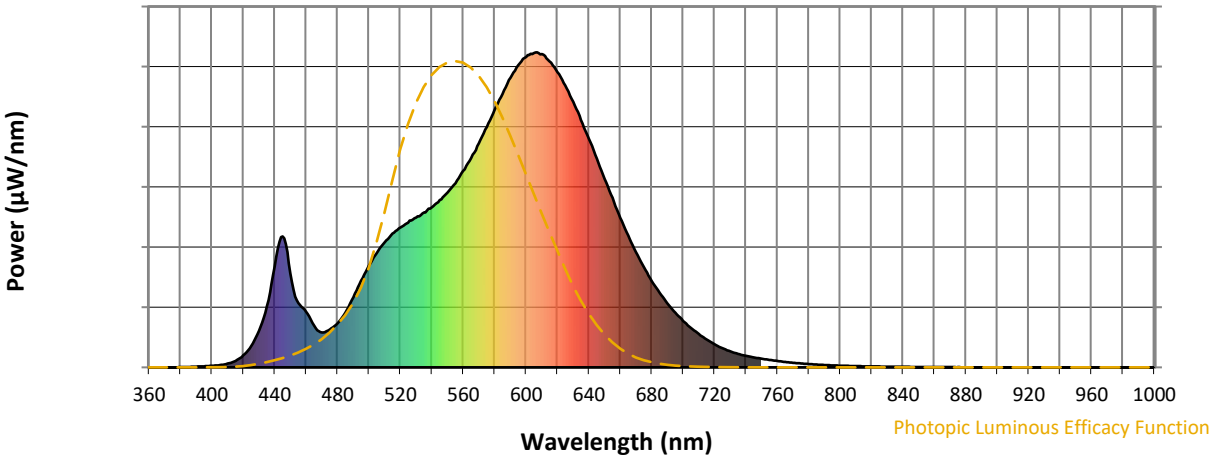


CCT = 2821K
CIE x = 0.4533
CIE y = 0.4141
Duv = 0.0019

Point lies inside the ANSI 2700K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-5

Photopic Flux vs. Wavelength

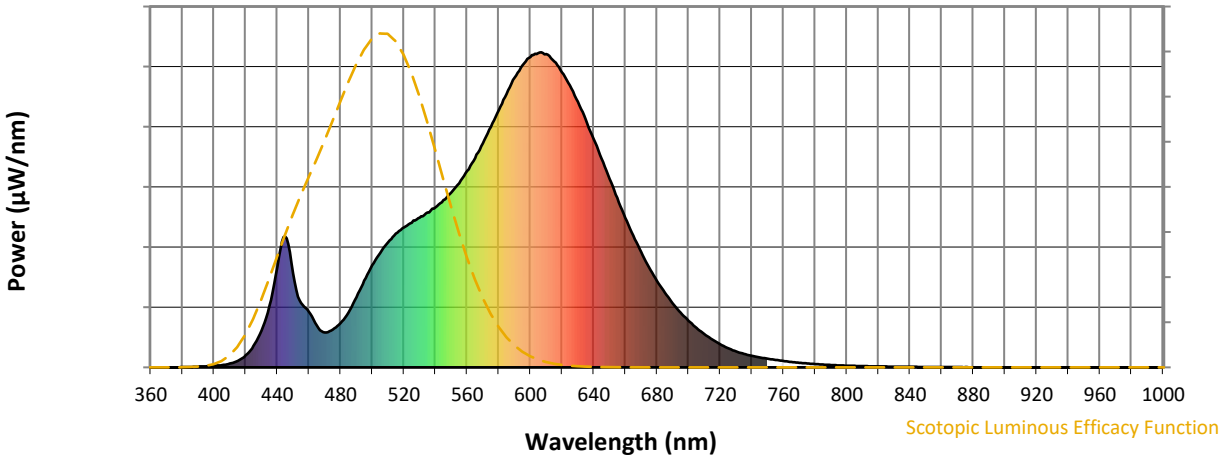


Photopic Lumens: NR

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

REPORT NUMBER: SP1-2509-539-5

Scotopic Flux vs. Wavelength

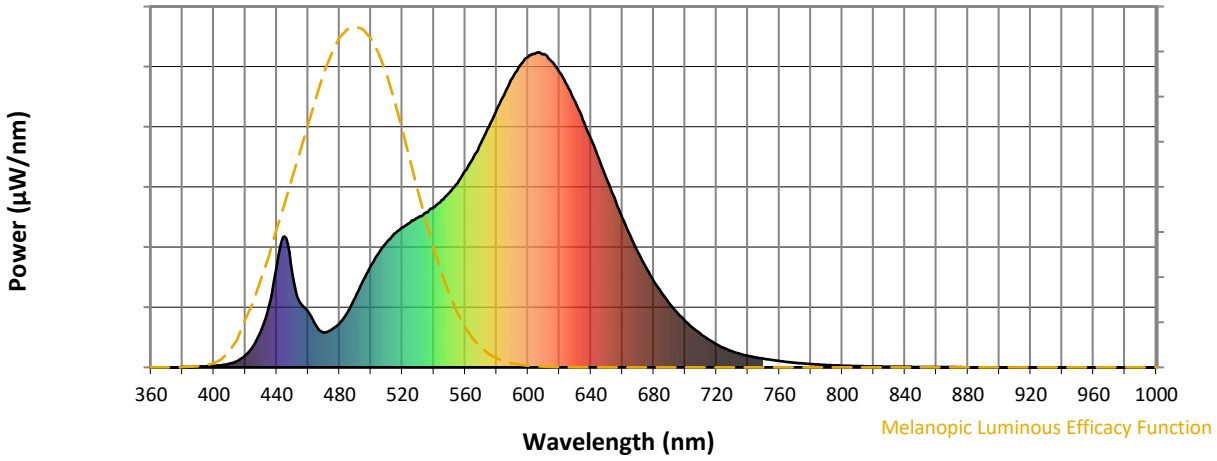


Scotopic Lumens: NR **S/P: 1.26**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

REPORT NUMBER: SP1-2509-539-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.34**

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	223	NR	620	936	NR	750	28	NR	880	0	NR
365	0	NR	495	275	NR	625	895	NR	755	24	NR	885	0	NR
370	0	NR	500	324	NR	630	843	NR	760	20	NR	890	0	NR
375	0	NR	505	363	NR	635	786	NR	765	17	NR	895	0	NR
380	1	NR	510	397	NR	640	725	NR	770	15	NR	900	0	NR
385	1	NR	515	425	NR	645	663	NR	775	12	NR	905	0	NR
390	2	NR	520	444	NR	650	599	NR	780	11	NR	910	0	NR
395	3	NR	525	459	NR	655	538	NR	785	9	NR	915	0	NR
400	5	NR	530	476	NR	660	475	NR	790	8	NR	920	0	NR
405	7	NR	535	492	NR	665	419	NR	795	6	NR	925	0	NR
410	12	NR	540	508	NR	670	365	NR	800	5	NR	930	0	NR
415	20	NR	545	531	NR	675	318	NR	805	5	NR	935	0	NR
420	38	NR	550	554	NR	680	274	NR	810	4	NR	940	0	NR
425	68	NR	555	584	NR	685	237	NR	815	3	NR	945	0	NR
430	116	NR	560	623	NR	690	204	NR	820	3	NR	950	0	NR
435	195	NR	565	664	NR	695	174	NR	825	3	NR	955	0	NR
440	320	NR	570	711	NR	700	148	NR	830	2	NR	960	0	NR
445	416	NR	575	762	NR	705	125	NR	835	2	NR	965	0	NR
450	297	NR	580	817	NR	710	106	NR	840	2	NR	970	0	NR
455	204	NR	585	867	NR	715	88	NR	845	1	NR	975	0	NR
460	177	NR	590	920	NR	720	73	NR	850	1	NR	980	0	NR
465	133	NR	595	959	NR	725	61	NR	855	1	NR	985	0	NR
470	111	NR	600	986	NR	730	51	NR	860	1	NR	990	0	NR
475	120	NR	605	997	NR	735	43	NR	865	1	NR	995	0	NR
480	140	NR	610	994	NR	740	37	NR	870	1	NR	1000	0	NR
485	174	NR	615	972	NR	745	32	NR	875	1	NR			

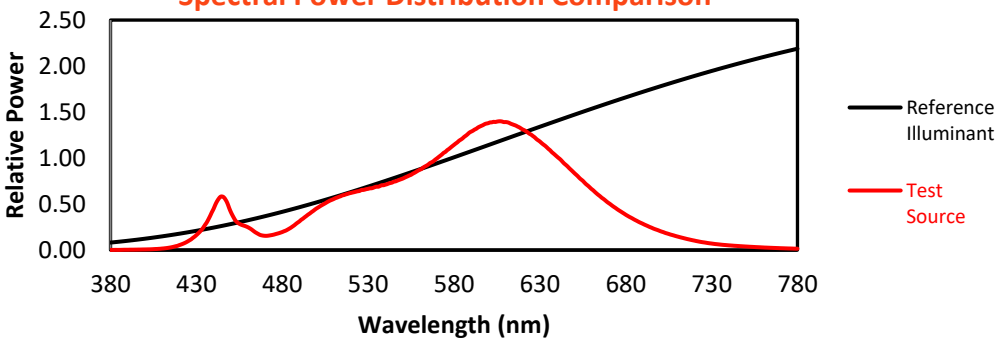
REPORT NUMBER: SP1-2509-539-5

TM-30-18

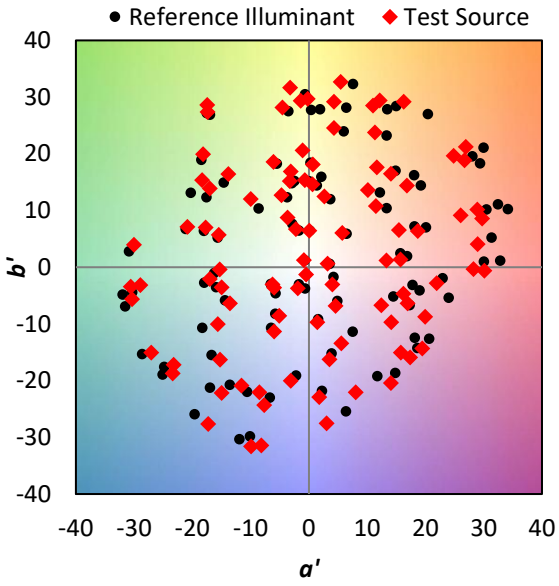
Summary

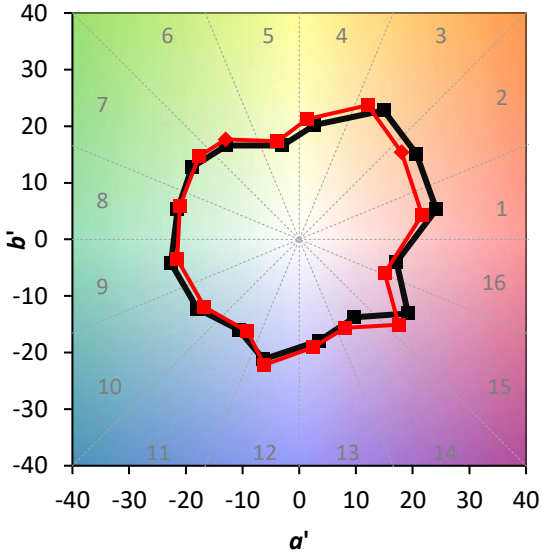
R_f = 86.1
R_g = 97.2
CIE R_a = 83.8
R_9 = 8.2

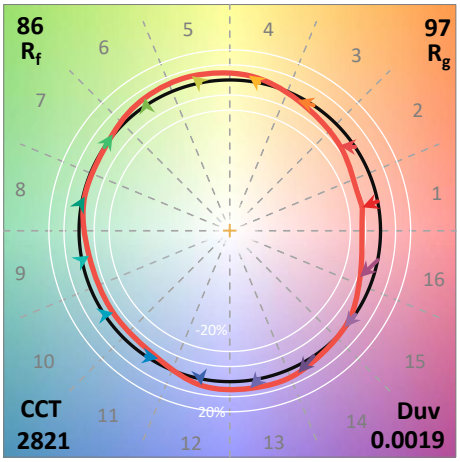
Spectral Power Distribution Comparison

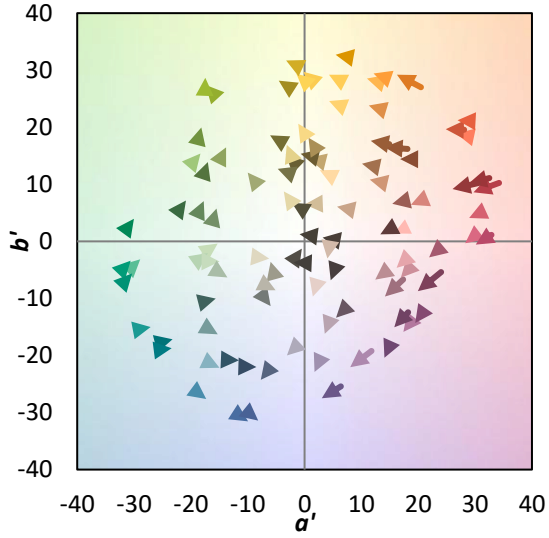


Color Vector Graphics







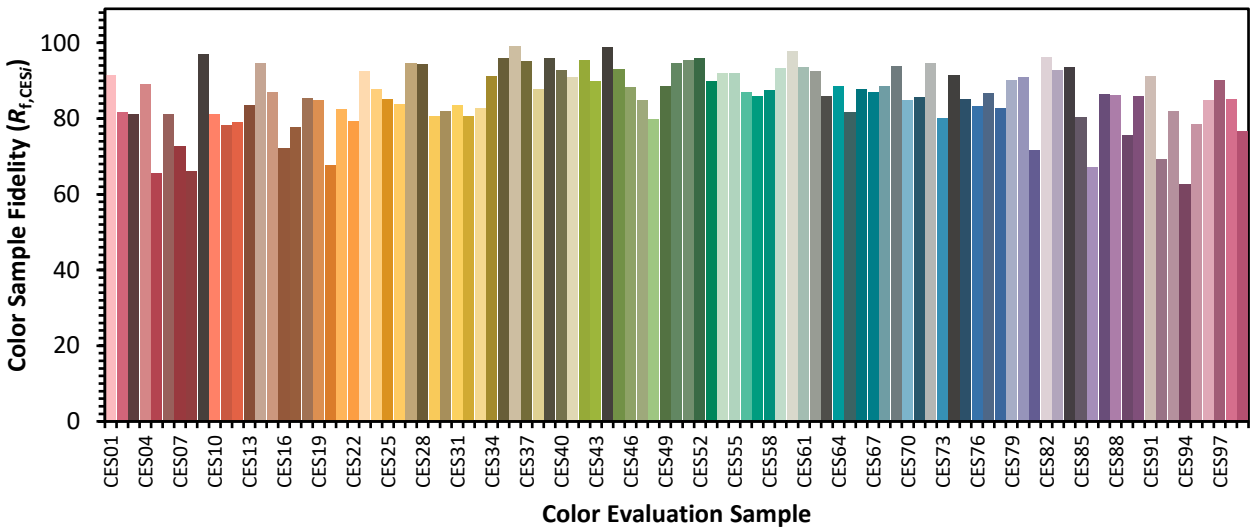


REPORT NUMBER: SP1-2509-539-5

TM-30-18

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

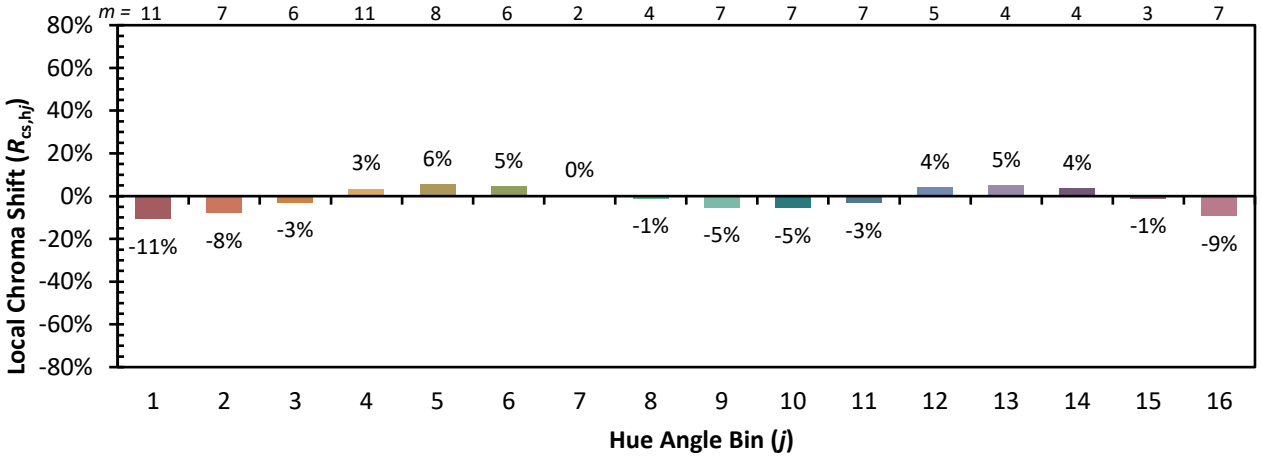
CES01 = 86	CES26 = 84	CES51 = 95	CES76 = 83
CES02 = 63	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 81	CES54 = 92	CES79 = 90
CES05 = 50	CES30 = 82	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 72
CES07 = 43	CES32 = 81	CES57 = 86	CES82 = 96
CES08 = 41	CES33 = 83	CES58 = 88	CES83 = 93
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 94
CES10 = 76	CES35 = 96	CES60 = 98	CES85 = 80
CES11 = 59	CES36 = 99	CES61 = 94	CES86 = 67
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 87
CES13 = 44	CES38 = 88	CES63 = 86	CES88 = 86
CES14 = 74	CES39 = 96	CES64 = 88	CES89 = 76
CES15 = 72	CES40 = 93	CES65 = 82	CES90 = 86
CES16 = 48	CES41 = 91	CES66 = 88	CES91 = 91
CES17 = 50	CES42 = 95	CES67 = 87	CES92 = 69
CES18 = 57	CES43 = 90	CES68 = 89	CES93 = 82
CES19 = 72	CES44 = 99	CES69 = 94	CES94 = 63
CES20 = 67	CES45 = 93	CES70 = 85	CES95 = 79
CES21 = 87	CES46 = 88	CES71 = 86	CES96 = 85
CES22 = 79	CES47 = 85	CES72 = 95	CES97 = 90
CES23 = 92	CES48 = 80	CES73 = 80	CES98 = 85
CES24 = 91	CES49 = 89	CES74 = 91	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 85	

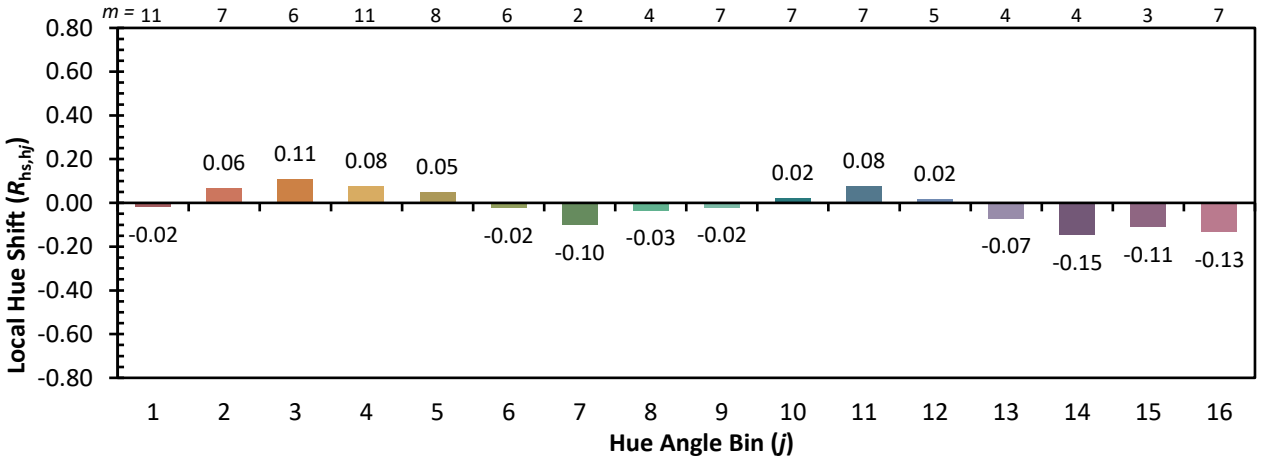


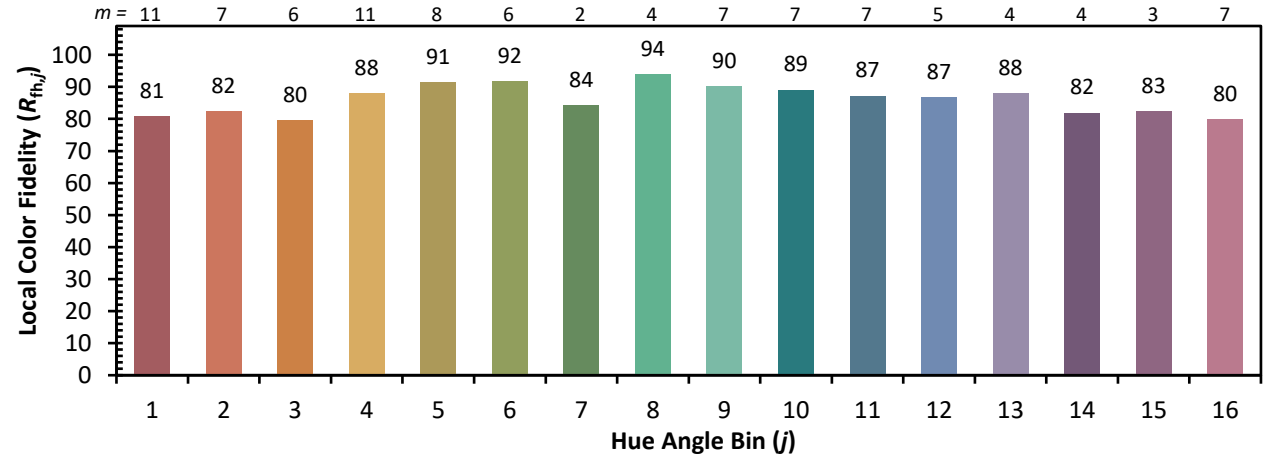
REPORT NUMBER: SP1-2509-539-5

TM-30-18

Color Rendition by Hue-Angle Bin



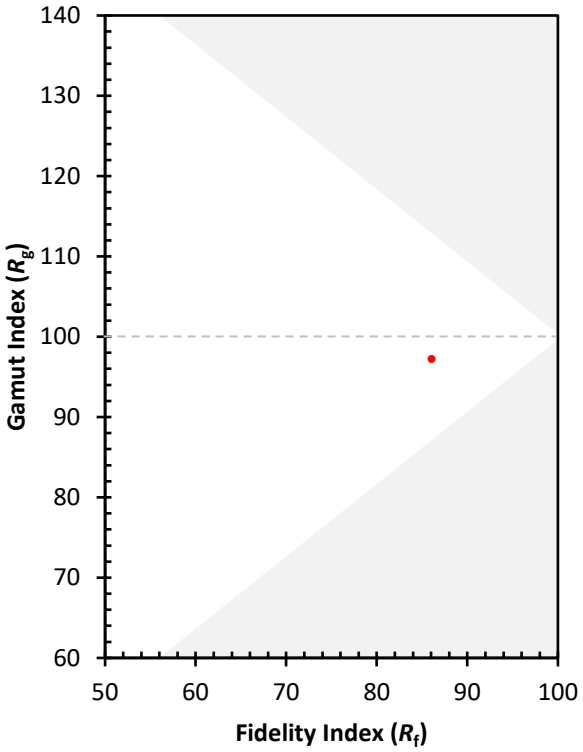


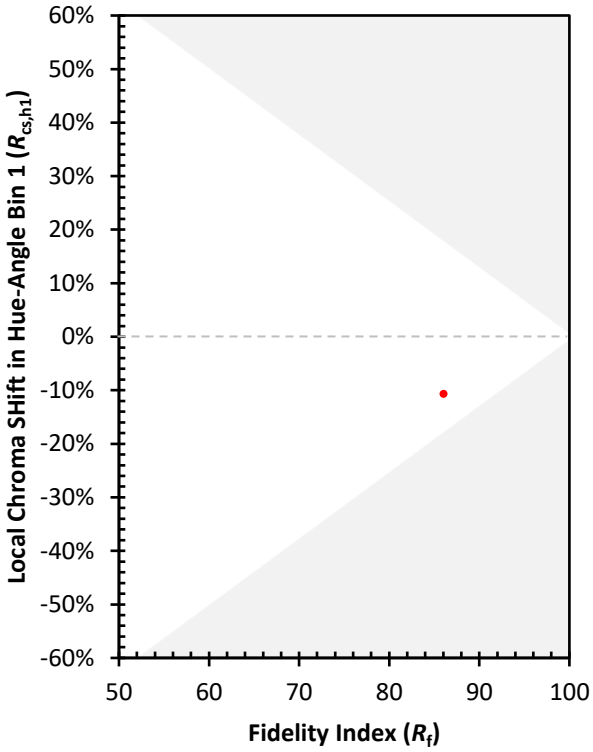


REPORT NUMBER: SP1-2509-539-5

TM-30-18

Measure Comparisons





(END OF REPORT)