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: P1442033

Luminaire Tested: ABB-C2-827-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:	P1442033
	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-C2-827-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:	724.3 lumens
Efficiency:	N/A
Efficacy:	38.1 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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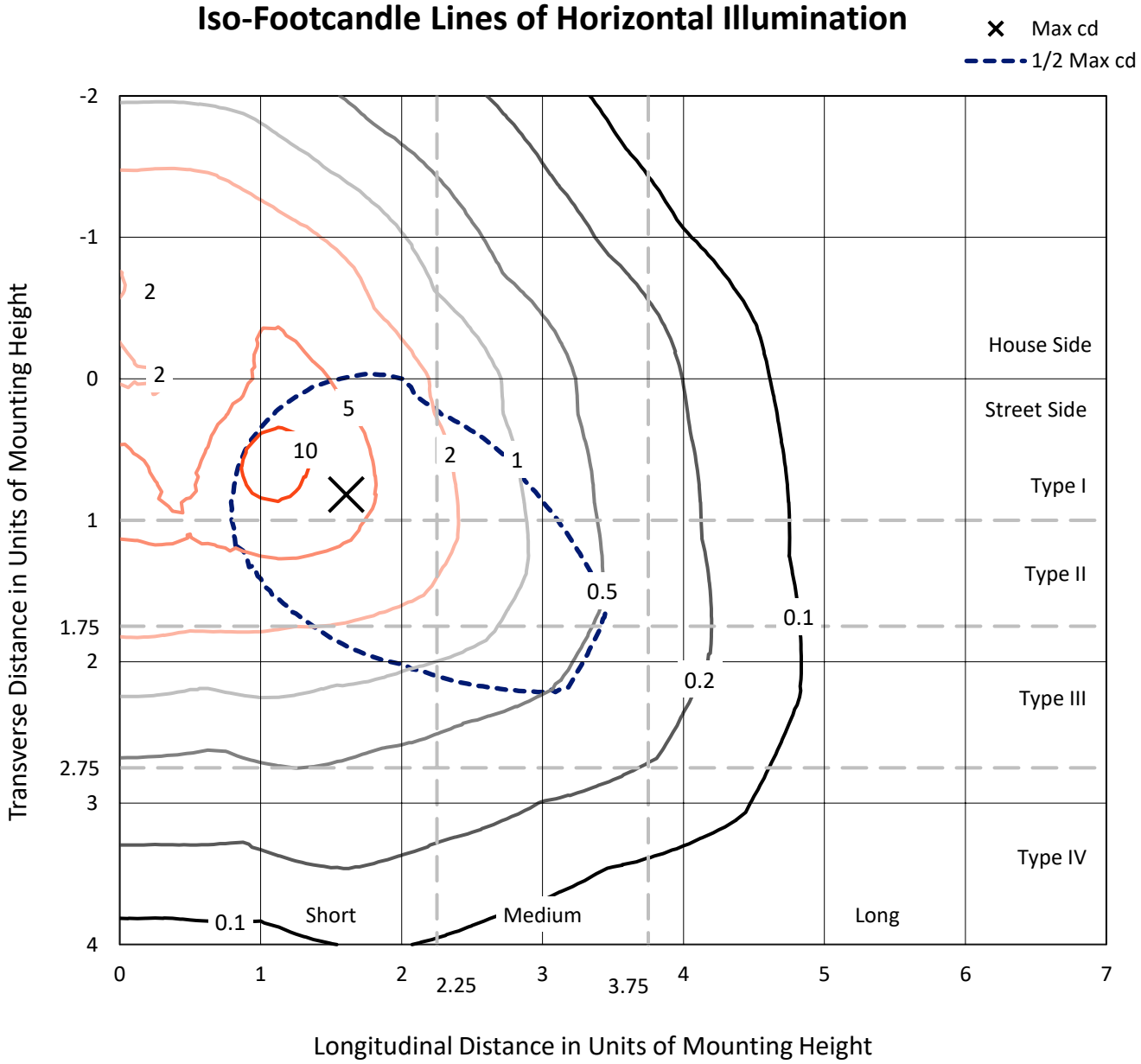
REPORT NUMBER: P1442033
CATALOG NUMBER: ABB-C2-827-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 12.1 fc
Type III - Short - N/A

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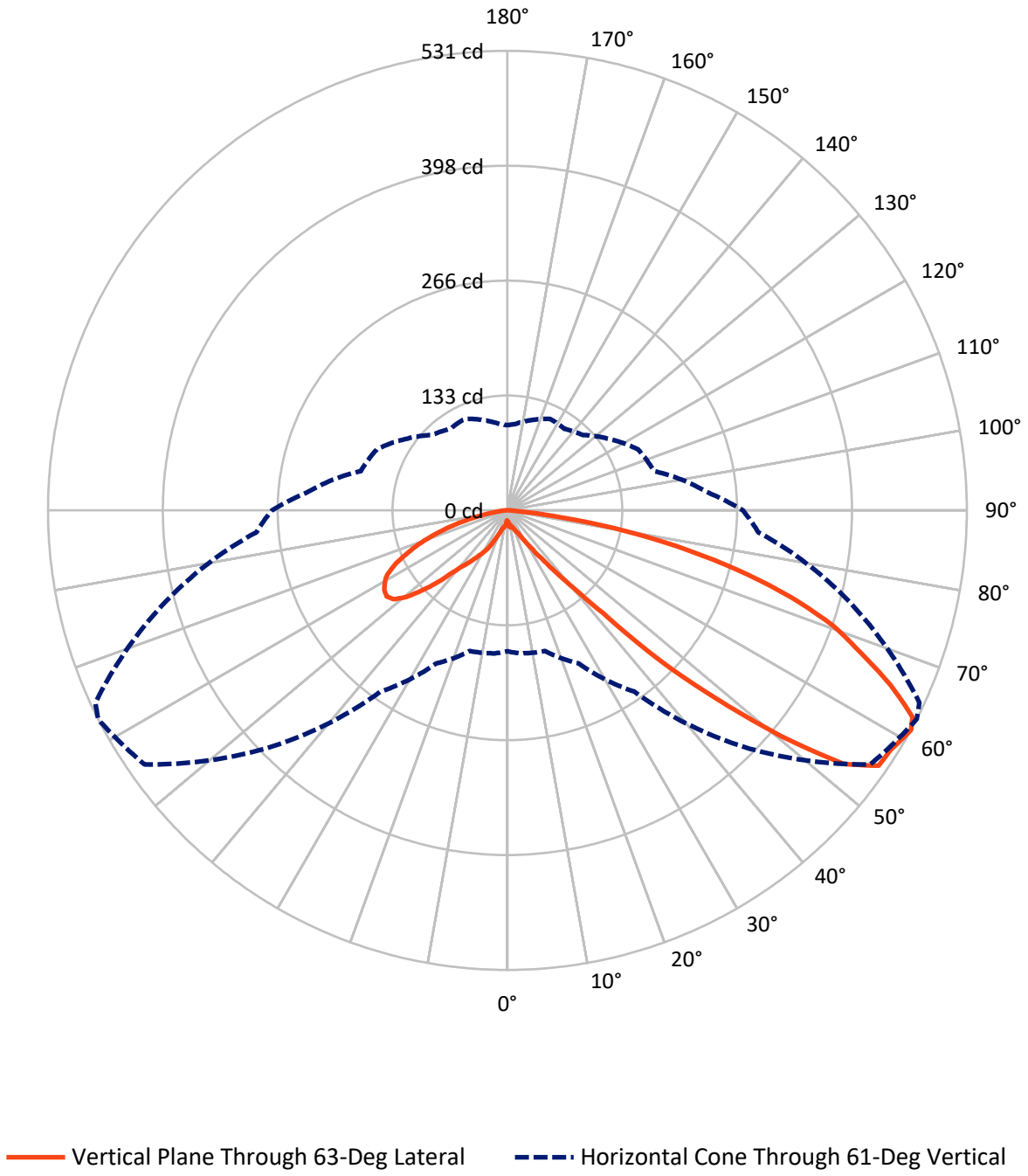
Luminous Intensity Polar Plot



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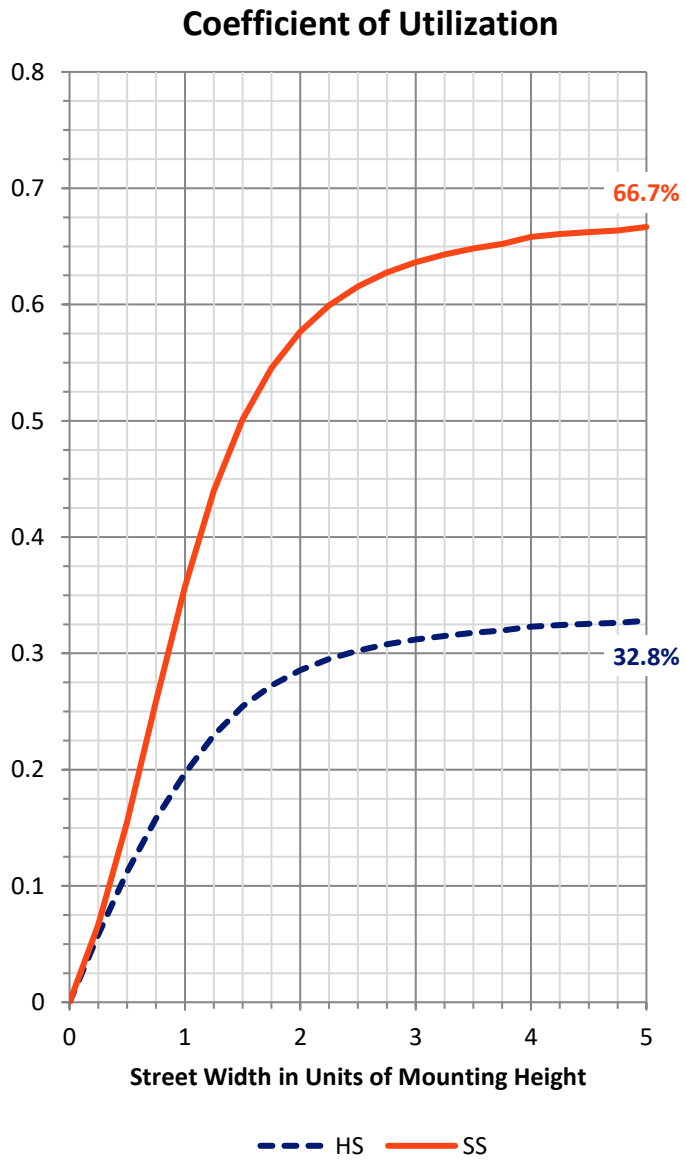
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	239.4	0.0	239.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	484.9	0.0	484.9
	% Fixture	67.0	0.0	67.0
Total	Lumens	724.3	0.0	724.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.2
10°-20°	7.1	1.0
20°-30°	18.0	2.5
30°-40°	41.2	5.7
40°-50°	107.3	14.8
50°-60°	205.2	28.3
60°-70°	207.2	28.6
70°-80°	119.8	16.5
80°-90°	16.7	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°	724.3	100.0
0°-180°	724.3	100.0



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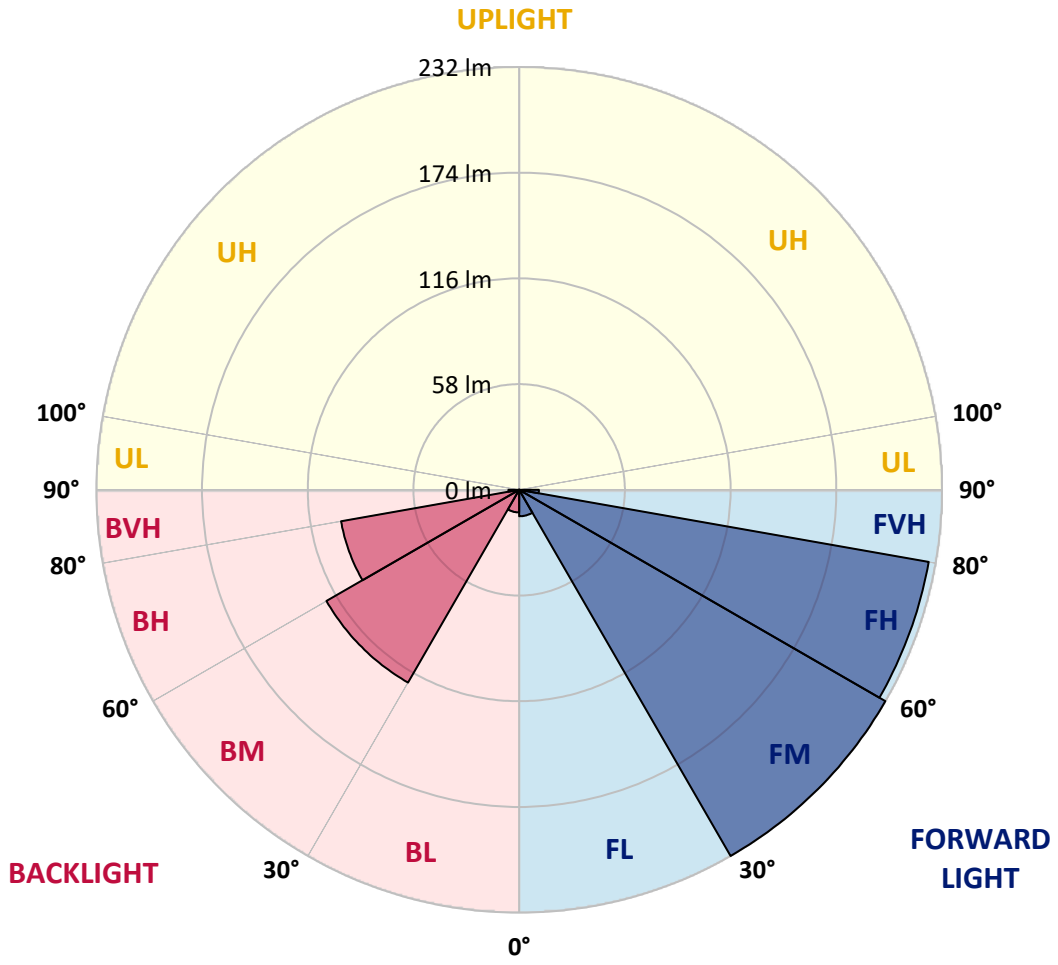
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	14.5	2.0			
FM	(30°-60°)	231.7	32.0			
FH	(60°-80°)	227.9	31.5			G0/660
FVH	(80°-90°)	10.8	1.5			G1/100
BL	(0°-30°)	12.4	1.7	B0/110		
BM	(30°-60°)	122.0	16.8	B0/220		
BH	(60°-80°)	99.1	13.7	B0/110		G0/110
BVH	(80°-90°)	5.9	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: P1442033
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	*12.7*	12.7	12.7	12.7
2.5°	22.2	22.2	20.6	19.8	18.3	16.7	15.9	*15.1*	15.1	13.5	12.7
5°	27.8	27.0	23.8	19.8	19.8	16.7	14.3	*13.5*	13.5	12.7	11.9
7.5°	31.8	28.6	27.8	23.8	22.2	22.2	22.2	*19.1*	18.3	15.9	16.7
10°	30.2	30.2	30.2	26.2	25.4	24.6	22.2	*19.8*	19.8	18.3	18.3
12.5°	27.8	27.0	31.0	29.4	25.4	24.6	21.4	*17.5*	17.5	16.7	16.7
15°	28.6	30.2	34.1	33.3	31.0	26.2	23.0	*20.6*	19.8	19.1	17.5
17.5°	34.9	34.9	34.9	35.7	34.9	29.4	23.8	*20.6*	20.6	19.8	19.8
20°	40.5	40.5	39.7	38.9	38.9	31.0	26.2	*23.8*	23.8	22.2	21.4
22.5°	49.2	47.6	49.2	45.3	42.1	34.1	28.6	*27.0*	27.0	25.4	24.6
25°	60.3	61.9	54.8	47.6	44.5	36.5	31.0	*29.4*	30.2	30.2	28.6
27.5°	73.0	72.3	60.3	53.2	48.4	41.3	36.5	*35.7*	35.7	35.7	35.7
30°	79.4	81.8	69.9	60.3	54.0	48.4	43.7	*43.7*	44.5	43.7	42.9
32.5°	88.1	88.9	77.8	66.7	60.3	58.0	55.6	*54.8*	54.0	52.4	49.2
35°	96.9	97.7	88.1	73.0	69.1	69.9	69.9	*68.3*	68.3	62.7	59.6
37.5°	104.0	105.6	96.9	81.8	78.6	82.6	87.3	*89.7*	87.3	79.4	71.5
40°	110.4	113.5	105.6	91.3	89.7	100.8	112.0	*117.5*	115.1	101.6	85.0
42.5°	118.3	122.3	115.9	103.2	105.6	126.2	152.4	*162.0*	163.6	138.2	111.2
45°	136.6	139.0	139.0	126.2	134.2	178.6	231.1	*248.5*	245.3	197.7	150.9
47.5°	148.5	149.3	154.8	143.7	161.2	233.4	308.9	*324.7*	324.7	258.8	191.4
50°	165.2	165.9	176.3	171.5	200.9	301.7	387.5	*409.7*	411.3	324.0	235.8
52.5°	171.5	174.7	186.6	190.6	233.4	346.2	462.1	*486.7*	489.9	374.8	268.4
55°	173.9	178.6	188.2	197.7	251.7	379.5	509.0	*520.9*	516.1	407.3	282.7
57.5°	173.1	176.3	183.4	196.1	254.9	390.6	510.5	*522.5*	517.7	416.8	289.0
60°	166.7	169.9	173.9	196.1	256.5	389.9	509.7	*528.8*	524.0	415.3	293.0
61°	*162.8*	*165.9*	*168.3*	*195.3*	*255.7*	*386.7*	*512.1*	*531.2*	*525.6*	*409.7*	*291.4*
62.5°	155.6	158.8	160.4	195.3	250.9	376.4	510.5	*525.6*	520.1	399.4	282.7
65°	141.3	142.9	142.1	189.0	235.0	347.8	482.8	*486.7*	481.2	373.2	262.0
67.5°	122.3	123.1	123.9	177.9	217.6	314.4	439.9	*441.5*	438.3	336.7	241.4
70°	100.8	100.8	105.6	163.6	196.9	275.5	397.0	*400.2*	397.0	295.4	218.4
72.5°	78.6	79.4	87.3	141.3	169.9	232.6	343.0	*343.0*	340.6	247.7	185.8
75°	57.2	58.0	68.3	115.1	138.2	182.6	276.3	*274.7*	272.3	192.9	150.1
77.5°	39.7	38.9	48.4	84.2	101.6	131.0	206.4	*200.9*	199.3	136.6	108.8
80°	23.8	23.8	29.4	51.6	60.3	80.2	134.2	*125.5*	123.9	79.4	65.1
82.5°	15.1	14.3	15.1	22.2	21.4	34.1	61.9	*50.8*	50.8	27.0	24.6
85°	9.5	8.7	7.1	7.1	7.1	7.1	9.5	*8.7*	8.7	7.1	6.4
87.5°	7.1	7.1	6.4	5.6	5.6	5.6	6.4	*6.4*	6.4	5.6	4.8
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: P1442033
CATALOG NUMBER: ABB-C2-827-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
2.5°	12.7	12.7	11.9	11.9	11.9	12.7	12.7	13.5	13.5	13.5	14.3
5°	11.9	11.9	13.5	13.5	14.3	14.3	14.3	15.1	13.5	12.7	12.7
7.5°	16.7	17.5	16.7	18.3	17.5	16.7	16.7	16.7	17.5	15.9	14.3
10°	18.3	17.5	17.5	18.3	21.4	19.8	20.6	19.8	19.8	18.3	16.7
12.5°	16.7	17.5	18.3	19.1	20.6	24.6	23.0	23.0	22.2	19.8	19.1
15°	18.3	19.1	19.8	20.6	23.8	27.0	26.2	25.4	23.8	19.8	19.8
17.5°	20.6	20.6	22.2	23.0	27.0	30.2	30.2	27.0	24.6	21.4	20.6
20°	22.2	22.2	25.4	27.8	31.8	32.6	34.1	31.0	27.0	23.8	23.8
22.5°	23.8	23.8	28.6	33.3	35.7	35.7	38.1	32.6	28.6	25.4	24.6
25°	28.6	28.6	32.6	40.5	42.1	38.9	39.7	34.9	29.4	26.2	25.4
27.5°	34.1	35.7	40.5	50.0	46.8	42.9	42.1	37.3	30.2	27.8	27.0
30°	42.9	41.3	46.8	55.6	53.2	47.6	46.1	40.5	32.6	28.6	27.8
32.5°	51.6	50.8	55.6	61.9	59.6	52.4	50.0	42.9	34.9	30.2	28.6
35°	60.3	61.1	64.3	69.1	65.9	57.2	54.8	46.8	37.3	32.6	31.8
37.5°	70.7	73.0	72.3	77.8	72.3	62.7	59.6	50.8	41.3	37.3	35.7
40°	83.4	85.8	83.4	86.5	80.2	69.9	65.9	56.4	48.4	43.7	43.7
42.5°	105.6	107.2	101.6	100.8	92.1	80.2	76.2	67.5	59.6	54.0	54.0
45°	139.0	135.8	126.2	120.7	108.8	93.7	89.7	81.0	73.0	68.3	67.5
47.5°	173.1	164.4	151.7	139.7	123.9	109.6	103.2	96.9	87.3	81.0	81.0
50°	215.2	195.3	173.9	158.0	138.2	123.9	115.9	109.6	99.2	92.1	91.3
52.5°	244.6	215.2	186.6	171.5	148.5	130.2	122.3	119.1	107.2	99.2	97.7
55°	256.5	226.3	190.6	176.3	151.7	131.8	123.9	121.5	110.4	102.4	101.6
57.5°	262.8	230.3	186.6	174.7	149.3	129.4	120.7	119.9	111.2	102.4	102.4
60°	271.5	233.4	178.6	169.1	146.1	125.5	117.5	117.5	108.8	100.8	100.0
61°	*272.3*	*233.4*	*175.5*	*166.7*	*143.7*	*123.1*	*115.1*	*116.7*	*108.0*	*100.0*	*98.5*
62.5°	268.4	229.5	169.1	161.2	139.0	118.3	112.0	114.3	104.8	96.9	95.3
65°	254.9	218.4	155.6	146.9	126.2	108.8	104.0	107.2	98.5	90.5	89.7
67.5°	237.4	203.3	140.5	127.8	112.0	96.9	95.3	96.9	89.7	82.6	81.0
70°	212.8	184.2	123.9	108.8	96.9	84.2	84.2	85.8	80.2	73.0	71.5
72.5°	179.4	158.0	105.6	87.3	78.6	70.7	73.0	73.8	69.1	62.7	61.1
75°	141.3	126.2	82.6	65.9	60.3	56.4	59.6	59.6	55.6	50.8	50.0
77.5°	99.2	90.5	57.2	45.3	42.9	41.3	44.5	43.7	42.9	38.1	37.3
80°	56.4	51.6	31.8	26.2	27.8	27.0	29.4	28.6	28.6	25.4	24.6
82.5°	20.6	18.3	14.3	13.5	15.1	13.5	15.1	14.3	15.1	15.1	14.3
85°	6.4	6.4	7.1	7.1	7.9	7.1	7.1	7.1	7.1	8.7	8.7
87.5°	4.8	4.8	5.6	5.6	6.4	5.6	5.6	5.6	5.6	7.1	7.1
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

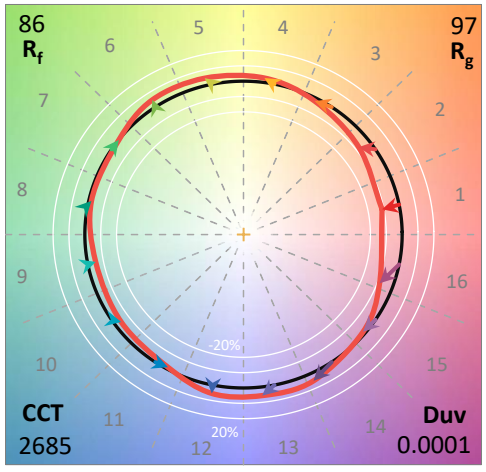
Test Information

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

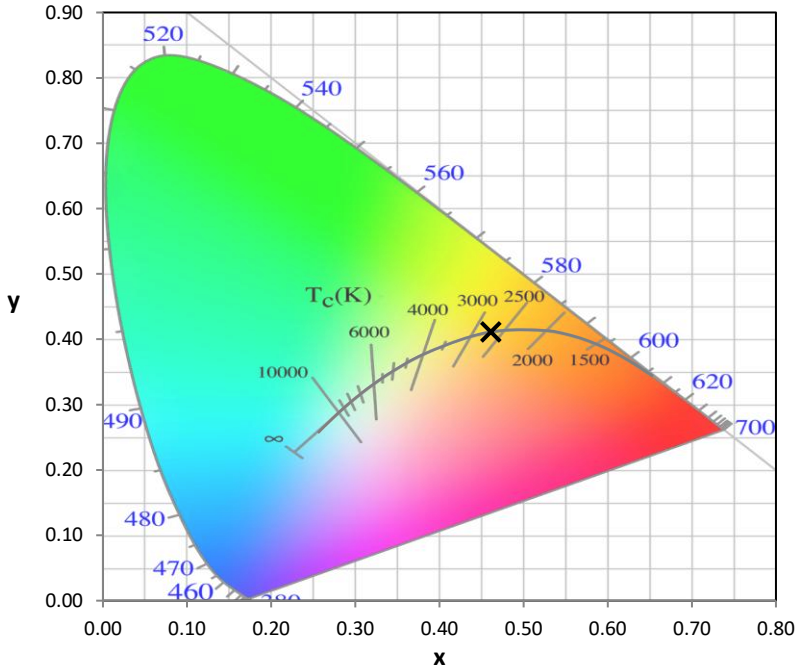
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-6

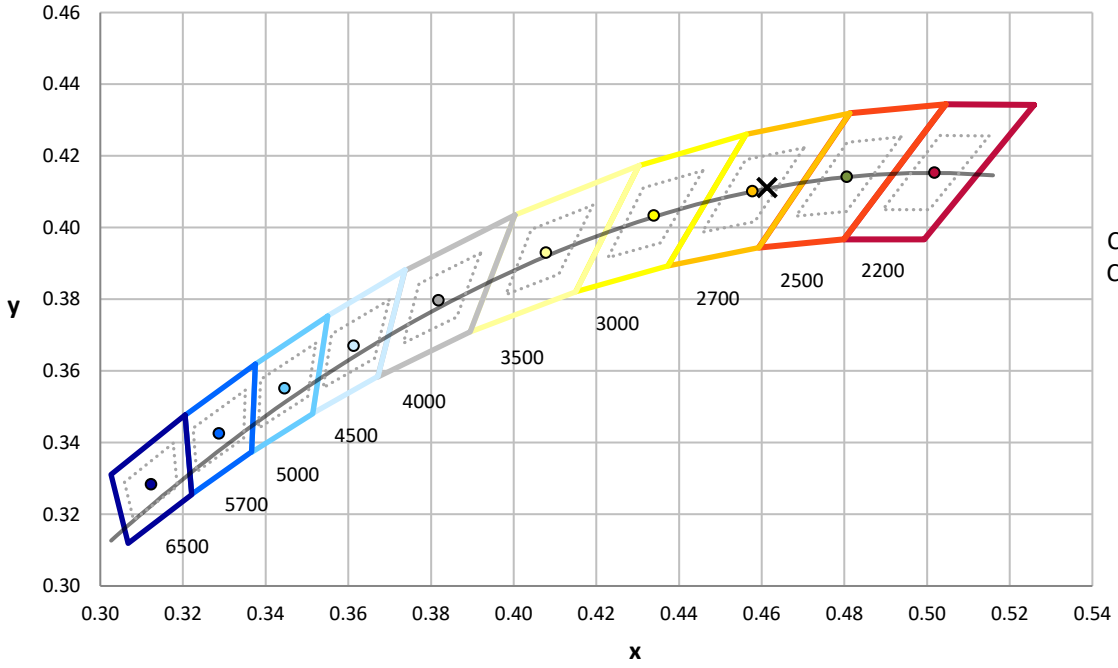
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

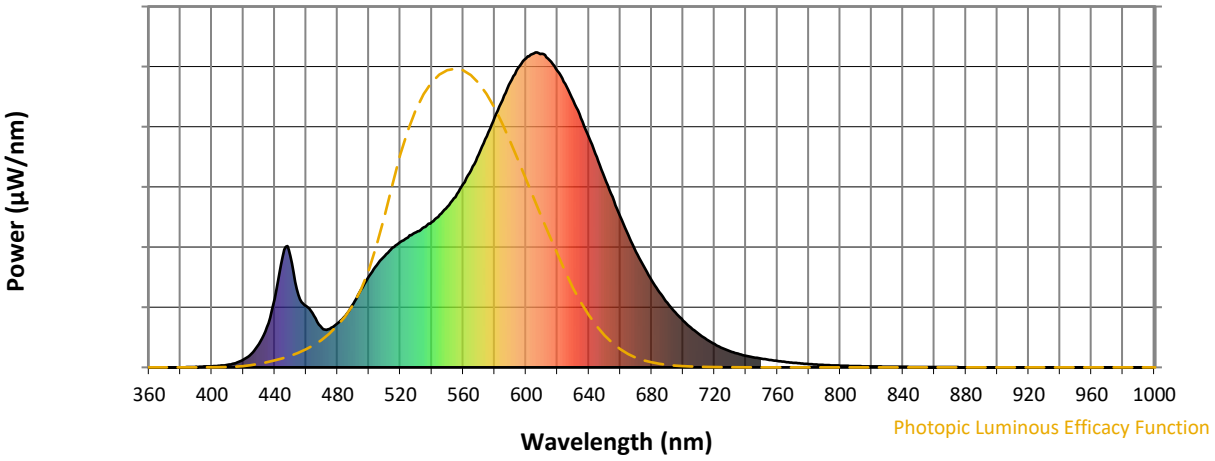


CCT = 2685K
CIE x = 0.4613
CIE y = 0.4112
Duv = 0.0001

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2509-539-6

Photopic Flux vs. Wavelength

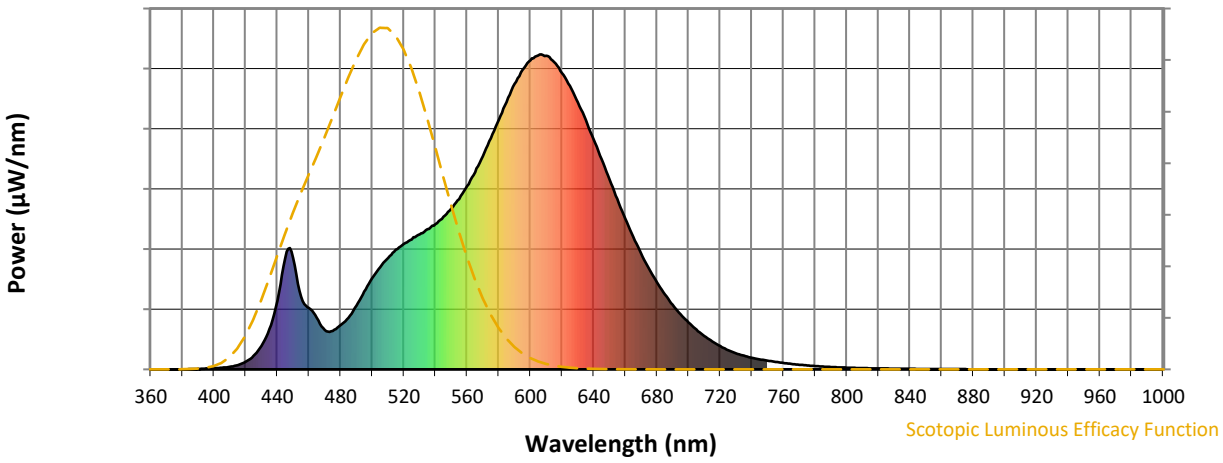


Photopic Lumens: NR

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

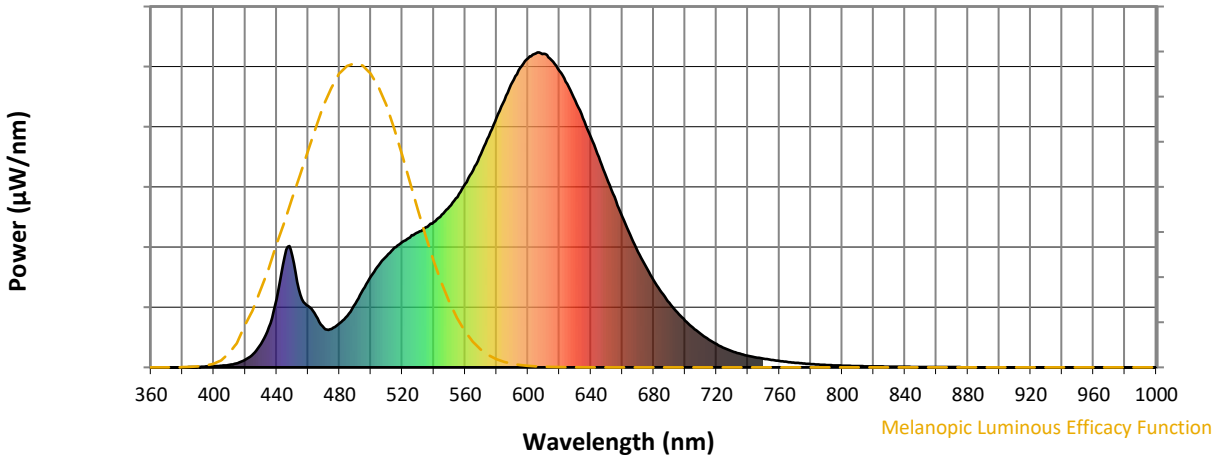


Scotopic Lumens: NR **S/P: 1.22**

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			

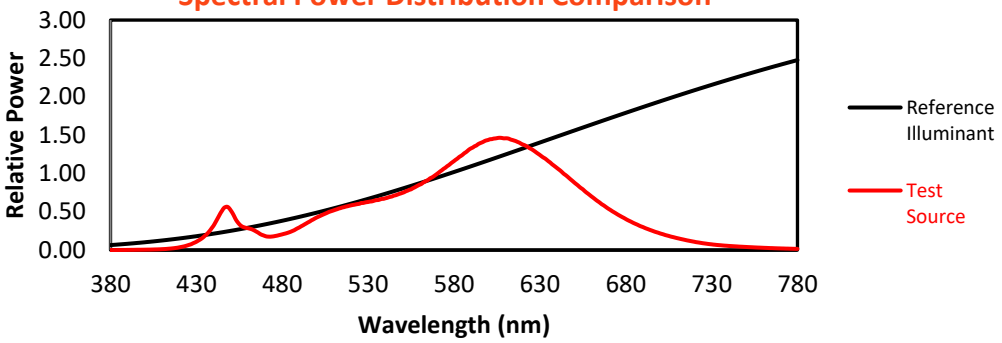
REPORT NUMBER: SP1-2509-539-6

TM-30-18

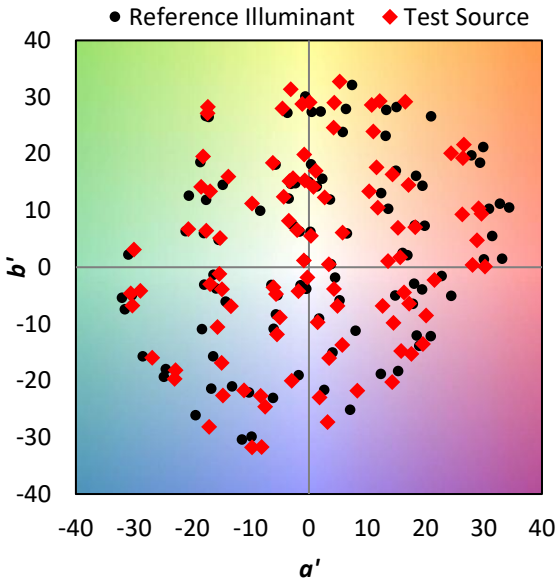
Summary

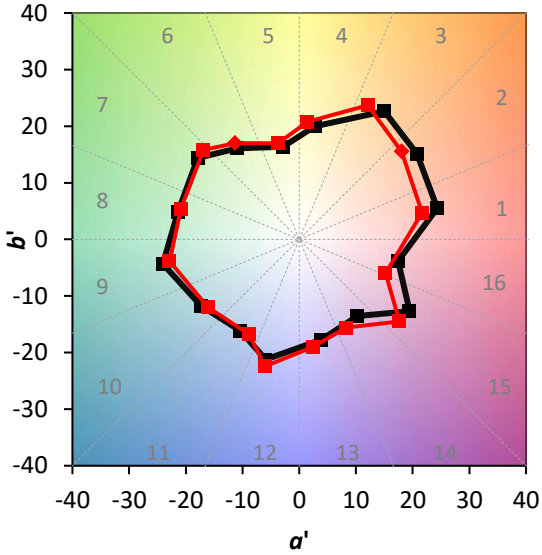
R_f = 85.8
R_g = 97.1
CIE R_a = 83.3
R_9 = 7.2

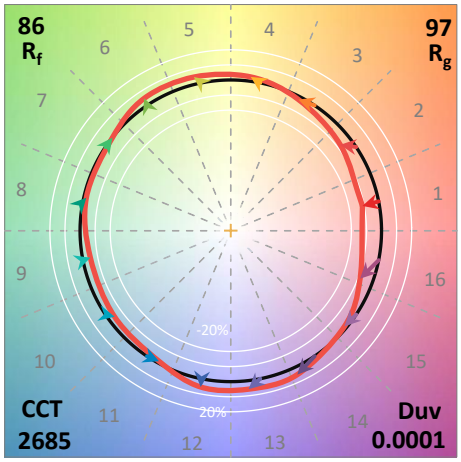
Spectral Power Distribution Comparison

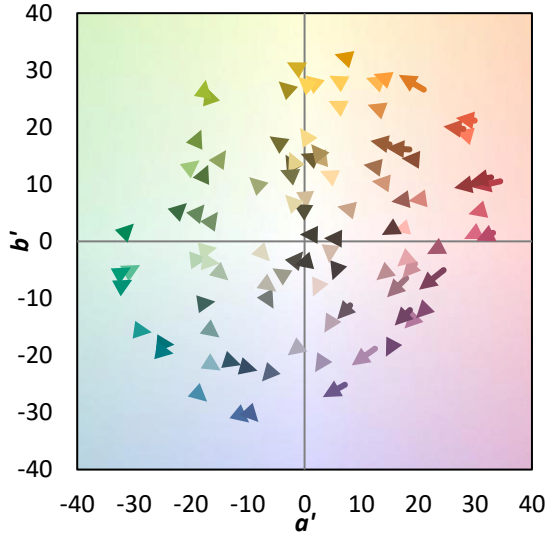


Color Vector Graphics







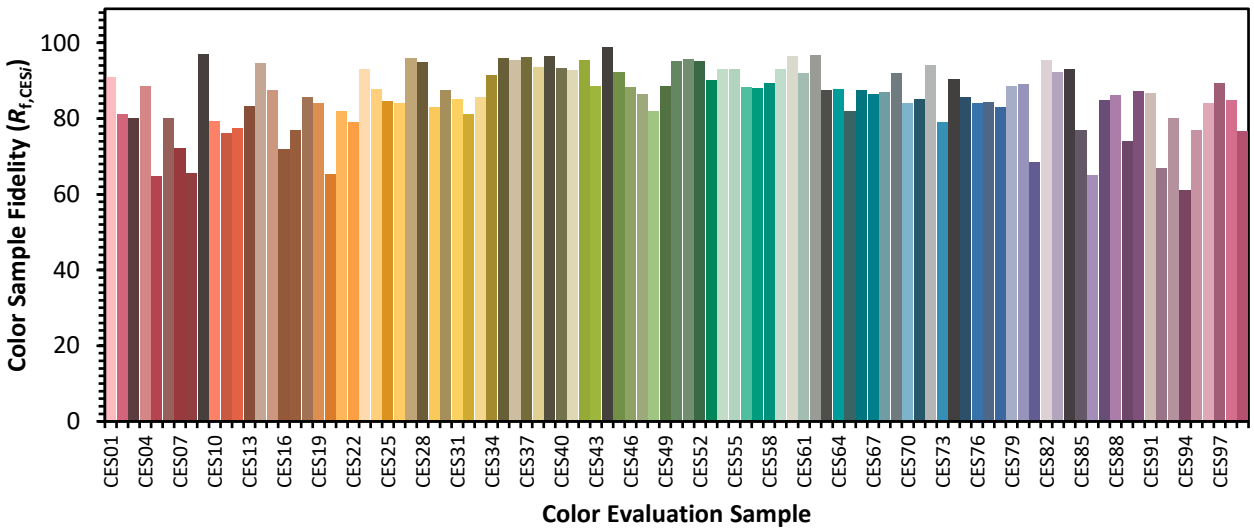


REPORT NUMBER: SP1-2509-539-6

TM-30-18

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

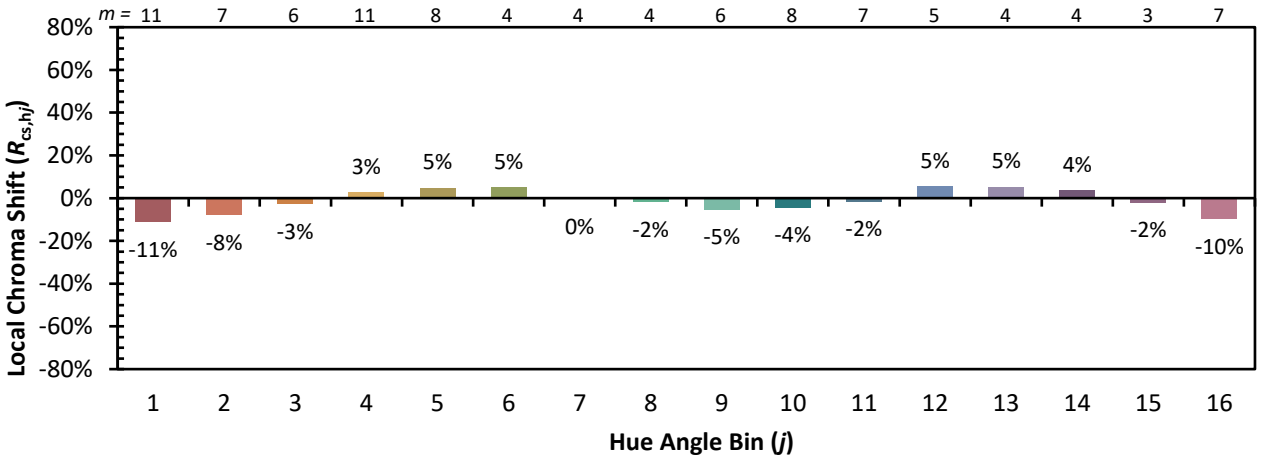
CES01 = 86	CES26 = 84	CES51 = 96	CES76 = 84
CES02 = 64	CES27 = 96	CES52 = 95	CES77 = 84
CES03 = 32	CES28 = 95	CES53 = 90	CES78 = 83
CES04 = 71	CES29 = 83	CES54 = 93	CES79 = 89
CES05 = 51	CES30 = 87	CES55 = 93	CES80 = 89
CES06 = 52	CES31 = 85	CES56 = 88	CES81 = 69
CES07 = 43	CES32 = 81	CES57 = 88	CES82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

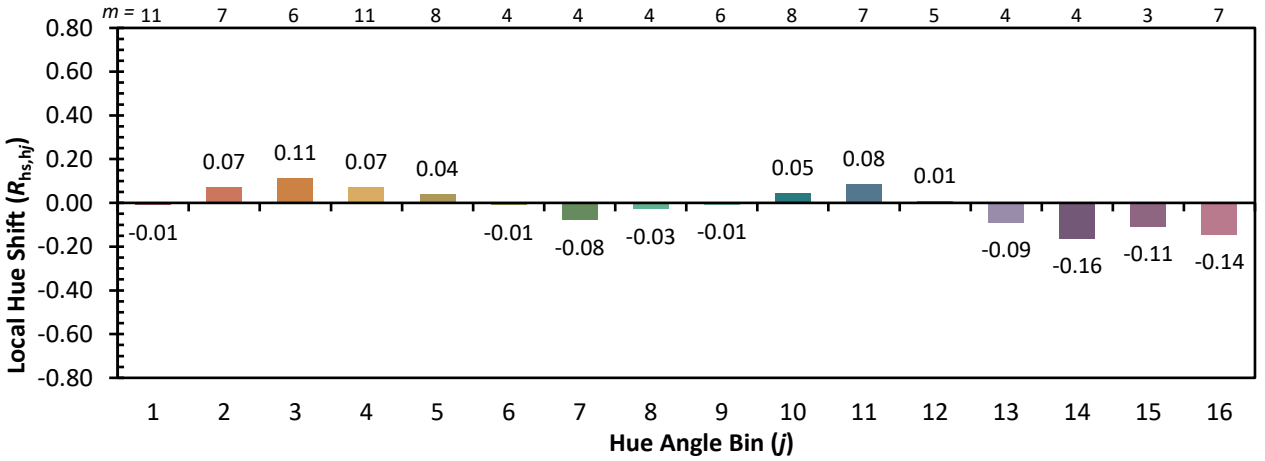


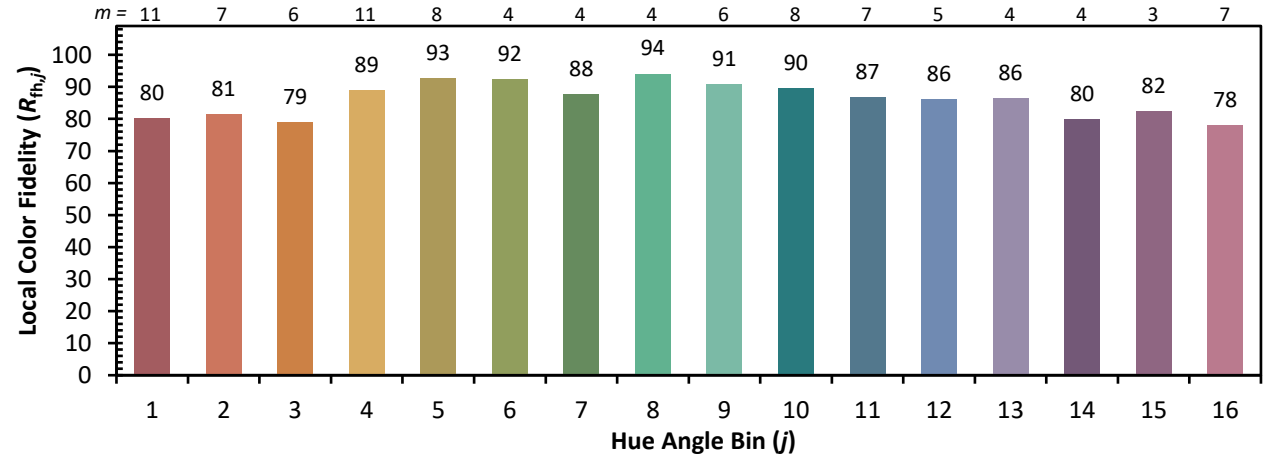
REPORT NUMBER: SP1-2509-539-6

TM-30-18

Color Rendition by Hue-Angle Bin



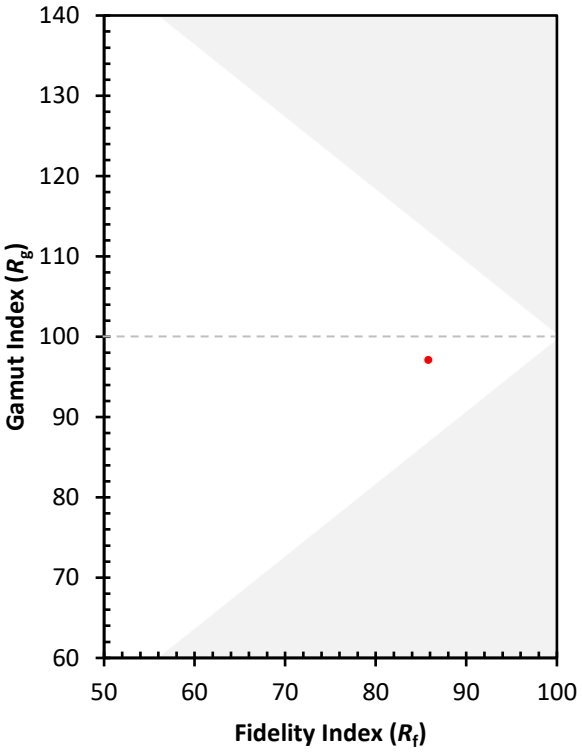


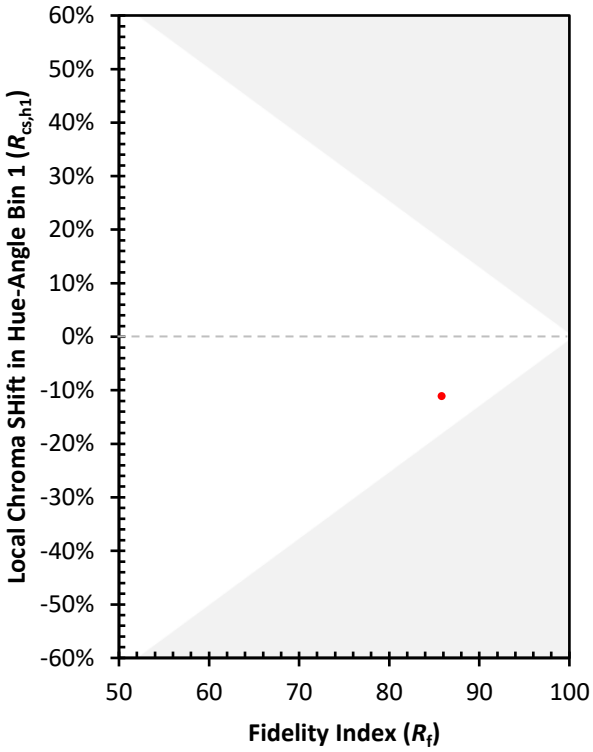


REPORT NUMBER: SP1-2509-539-6

TM-30-18

Measure Comparisons





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