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: P1442097

Luminaire Tested: LXB-C1-835-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:	P1442097
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2509-539-28)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	4/24/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	INVUE
Catalog Number:	LXB-C1-835-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:	535.9 lumens
Efficiency:	N/A
Efficacy:	50.1 lumens/watt
Luminous Opening:	Circular (Dia: 0.4' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G0

Input Watts (W):	10.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9837
Total Harmonic Distortion (THDi):	0.0990467
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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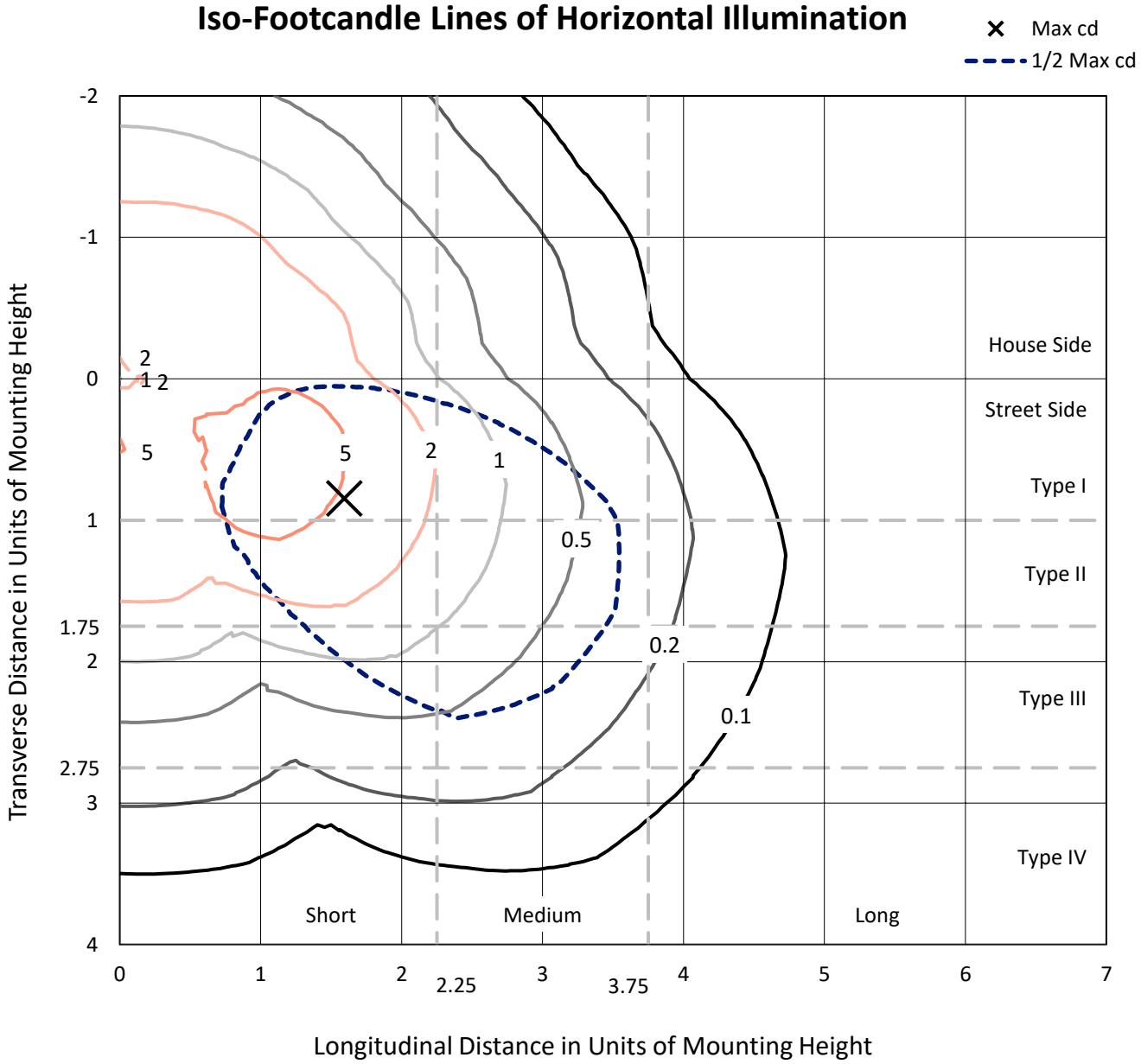
Scaled Data Report

REPORT NUMBER: P1442097
CATALOG NUMBER: LXB-C1-835-X-U-A-GM

Iso-Footcandle Lines of Horizontal Illumination



Based on 3 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Short - N/A

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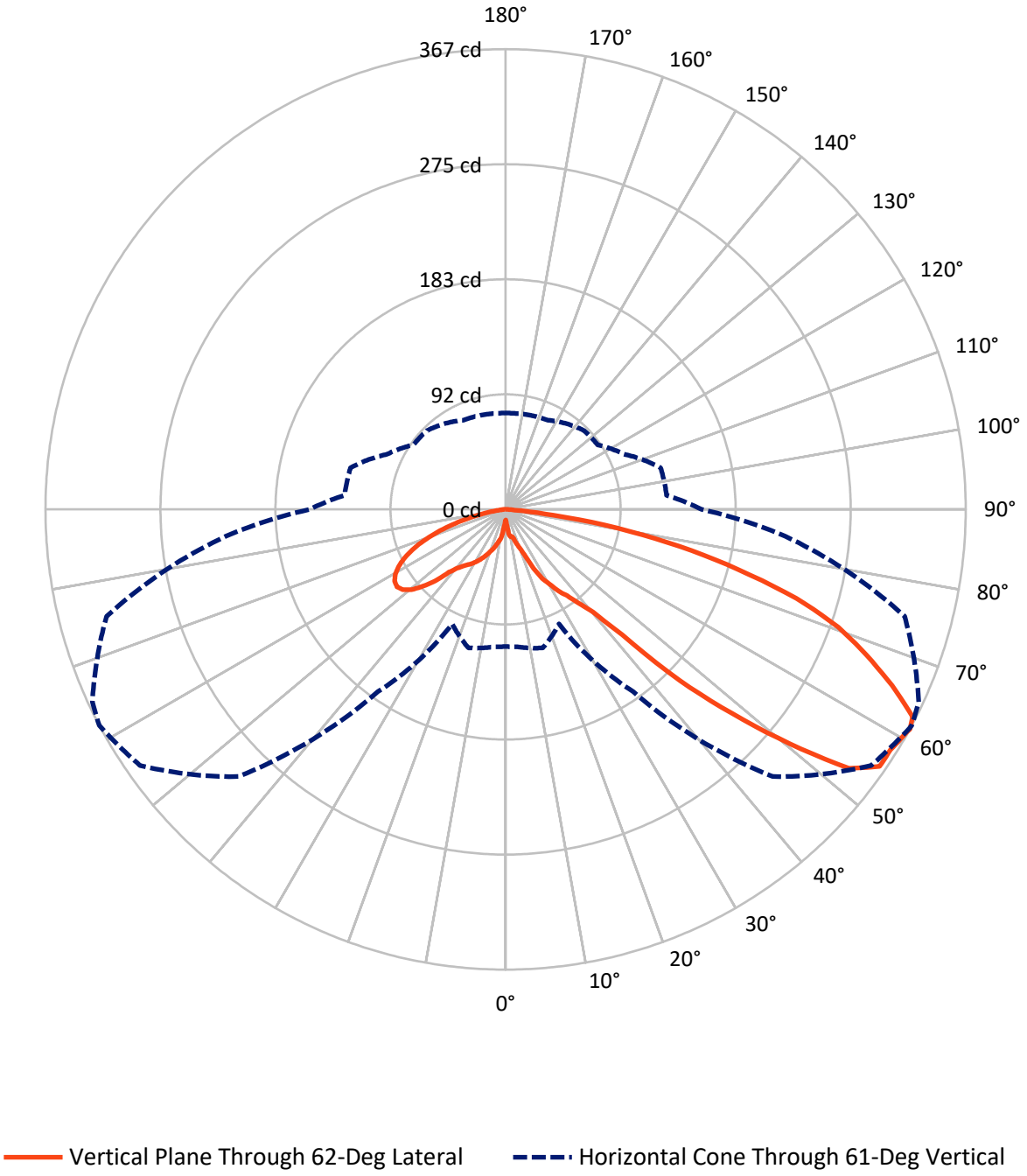
Luminous Intensity Polar Plot



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REPORT NUMBER: P1442097
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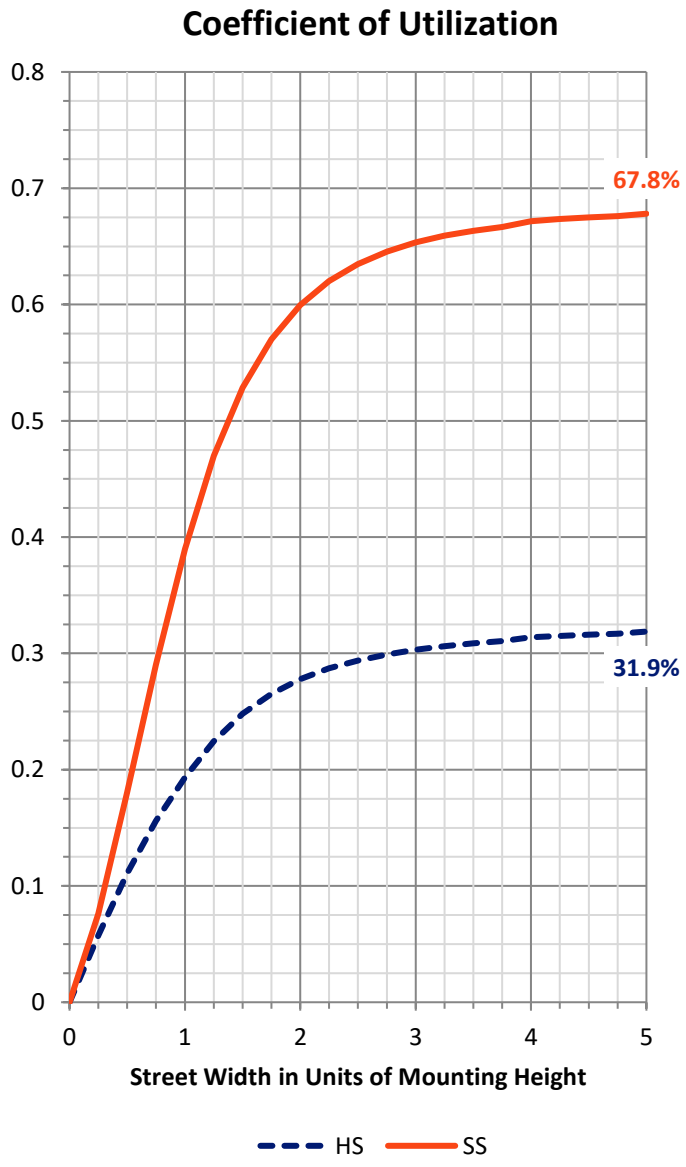
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	171.8	0.0	171.8
	% Fixture	32.1	0.0	32.1
Street Side	Lumens	364.0	0.0	364.0
	% Fixture	67.9	0.0	67.9
Total	Lumens	535.9	0.0	535.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.3
10°-20°	9.0	1.7
20°-30°	21.0	3.9
30°-40°	38.8	7.2
40°-50°	82.5	15.4
50°-60°	145.1	27.1
60°-70°	144.3	26.9
70°-80°	82.6	15.4
80°-90°	10.8	2.0
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°	535.9	100.0
0°-180°	535.9	100.0



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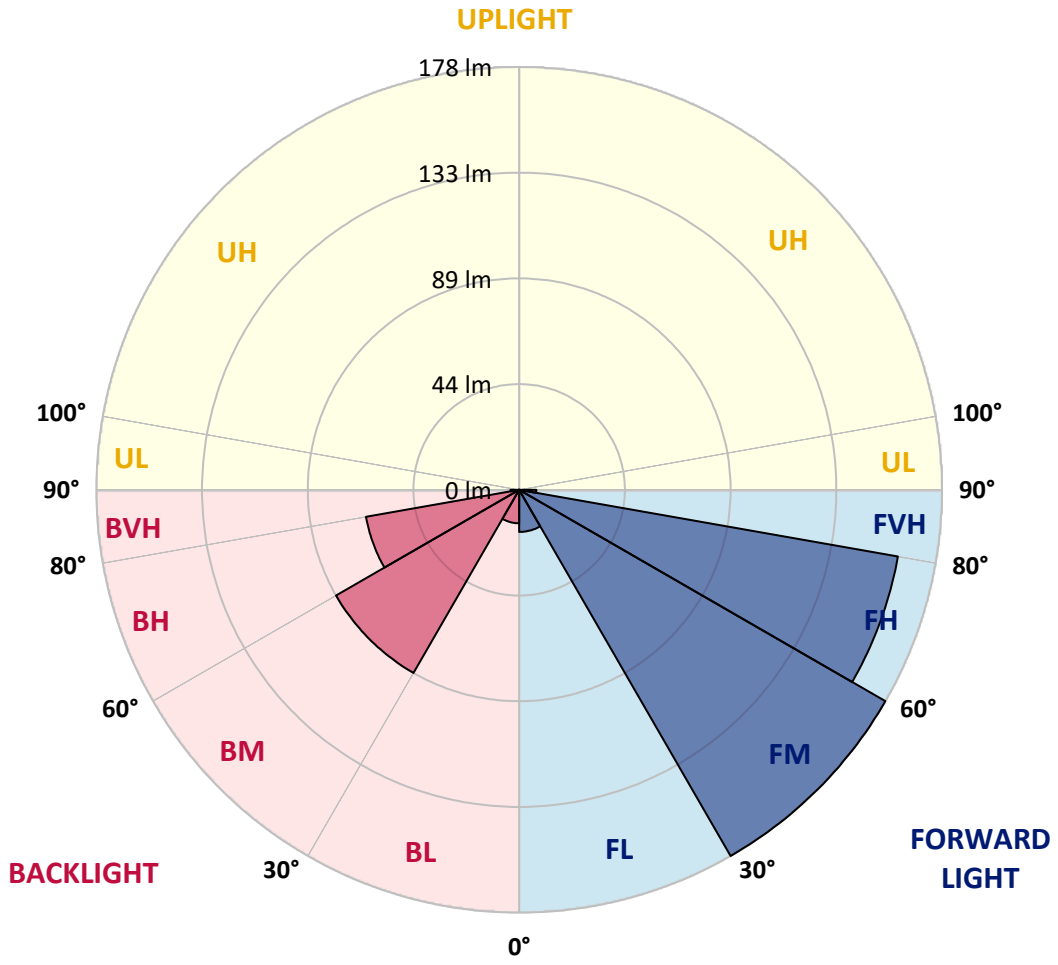
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	17.7	3.3			
FM	(30°-60°)	177.6	33.1			
FH	(60°-80°)	161.5	30.1			G0/660
FVH	(80°-90°)	7.2	1.3			G0/10
BL	(0°-30°)	14.1	2.6	B0/110		
BM	(30°-60°)	88.8	16.6	B0/220		
BH	(60°-80°)	65.3	12.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G0
Type III Short



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REPORT NUMBER: P1442097
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	*8.5*	8.5	8.5	8.5
2.5°	11.1	11.1	11.1	11.9	11.1	10.2	10.2	*10.2*	10.2	9.4	9.4
5°	18.8	18.8	18.8	17.9	17.1	17.1	15.4	*14.5*	13.6	12.8	12.8
7.5°	29.0	28.1	30.7	29.9	26.4	23.0	21.3	*20.5*	19.6	18.8	17.9
10°	36.7	38.4	35.0	34.1	32.4	28.1	23.9	*22.2*	21.3	20.5	18.8
12.5°	42.6	40.1	38.4	39.2	35.0	29.9	25.6	*22.2*	21.3	20.5	19.6
15°	45.2	46.1	45.2	43.5	38.4	31.6	26.4	*23.9*	23.9	22.2	23.0
17.5°	50.3	50.3	49.5	44.4	40.1	33.3	29.9	*29.0*	28.1	25.6	25.6
20°	53.7	54.6	54.6	46.1	41.8	36.7	35.0	*33.3*	32.4	30.7	28.1
22.5°	57.2	58.9	57.2	50.3	45.2	40.9	40.9	*40.1*	39.2	35.8	34.1
25°	61.4	61.4	59.7	52.0	48.6	46.1	51.2	*52.0*	50.3	42.6	40.1
27.5°	64.8	65.7	62.3	56.3	52.0	53.7	62.3	*62.3*	61.4	50.3	45.2
30°	68.2	68.2	65.7	58.9	55.4	61.4	69.1	*69.1*	69.1	61.4	51.2
32.5°	70.8	70.8	68.2	61.4	58.9	68.2	75.9	*77.6*	76.8	69.1	56.3
35°	72.5	73.4	69.9	64.0	62.3	75.1	82.7	*84.4*	84.4	77.6	61.4
37.5°	75.9	75.9	73.4	65.7	67.4	84.4	93.0	*94.7*	94.7	87.0	68.2
40°	79.3	78.5	76.8	69.9	73.4	96.4	104.9	*107.5*	107.5	100.7	76.8
42.5°	84.4	84.4	82.7	75.9	84.4	121.1	130.5	*136.5*	136.5	126.2	94.7
45°	98.9	98.9	99.8	92.1	107.5	167.2	188.5	*194.5*	192.8	174.9	123.7
47.5°	106.6	105.8	110.0	99.8	128.0	207.3	233.7	*243.1*	241.4	224.3	153.5
50°	115.2	115.2	122.0	110.9	152.7	251.6	284.9	*293.4*	292.6	268.7	180.0
52.5°	117.7	118.6	127.1	116.0	168.9	284.0	331.0	*342.9*	340.3	304.5	200.5
55°	118.6	120.3	128.0	115.2	176.6	302.0	354.0	*361.7*	360.0	324.1	213.2
57.5°	116.9	118.6	123.7	108.3	180.0	304.5	354.0	*361.7*	359.1	329.3	219.2
60°	111.7	113.4	117.7	103.2	179.1	302.8	353.1	*365.1*	361.7	330.1	220.1
61°	*109.2*	*110.0*	*114.3*	*100.7*	*177.4*	*301.1*	*355.7*	*366.8*	*363.4*	*329.3*	*218.4*
62.5°	104.1	105.8	109.2	95.5	172.3	296.8	353.1	*364.2*	361.7	325.8	214.1
65°	93.8	95.5	97.2	85.3	162.9	282.3	332.7	*338.6*	337.8	307.1	201.3
67.5°	81.9	82.7	85.3	74.2	150.1	261.0	302.8	*310.5*	308.8	282.3	185.1
70°	68.2	69.1	71.7	61.4	134.8	232.9	273.0	*281.5*	279.8	254.2	165.5
72.5°	52.9	53.7	55.4	47.8	114.3	198.7	233.7	*242.3*	241.4	219.2	141.6
75°	37.5	38.4	40.1	35.0	89.6	161.2	186.8	*191.9*	193.6	177.4	111.7
77.5°	23.9	23.9	24.7	22.2	64.0	117.7	137.3	*141.6*	143.3	130.5	81.0
80°	12.8	12.8	12.8	11.9	36.7	73.4	86.2	*90.4*	89.6	82.7	48.6
82.5°	6.0	6.0	6.0	5.1	13.6	28.1	35.0	*38.4*	40.9	35.0	19.6
85°	2.6	2.6	3.4	1.7	3.4	5.1	6.0	*6.8*	7.7	7.7	5.1
87.5°	2.6	2.6	2.6	0.9	1.7	2.6	3.4	*3.4*	3.4	2.6	2.6
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: P1442097
CATALOG NUMBER: LXB-C1-835-X-U-A-GM

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
2.5°	9.4	9.4	9.4	9.4	11.1	10.2	10.2	9.4	8.5	8.5	8.5
5°	11.9	11.1	11.9	13.6	13.6	14.5	15.4	15.4	14.5	14.5	14.5
7.5°	17.9	17.1	17.1	17.9	20.5	23.0	23.0	21.3	19.6	17.9	17.9
10°	18.8	18.8	19.6	22.2	28.1	29.0	29.0	25.6	23.9	23.0	23.0
12.5°	19.6	19.6	21.3	23.9	30.7	30.7	30.7	29.0	26.4	23.9	23.9
15°	23.0	23.0	24.7	28.1	31.6	33.3	34.1	32.4	29.0	23.0	23.0
17.5°	25.6	27.3	29.0	31.6	34.1	35.8	35.8	34.1	29.0	24.7	23.0
20°	29.0	30.7	35.0	35.0	35.8	37.5	37.5	35.0	28.1	24.7	23.9
22.5°	33.3	35.8	39.2	38.4	38.4	39.2	40.1	36.7	29.0	25.6	24.7
25°	40.1	40.9	42.6	41.8	41.8	40.1	42.6	39.2	32.4	28.1	28.1
27.5°	45.2	45.2	46.9	45.2	44.4	43.5	44.4	41.8	35.0	31.6	30.7
30°	48.6	49.5	51.2	48.6	46.9	45.2	46.1	43.5	37.5	34.1	34.1
32.5°	52.9	53.7	53.7	52.0	48.6	46.9	47.8	44.4	38.4	36.7	35.8
35°	57.2	57.2	57.2	54.6	51.2	49.5	49.5	46.1	40.1	38.4	37.5
37.5°	61.4	61.4	61.4	58.0	53.7	52.0	51.2	47.8	42.6	40.9	40.1
40°	68.2	66.5	66.5	62.3	57.2	54.6	53.7	48.6	45.2	43.5	43.5
42.5°	81.0	77.6	76.8	69.1	63.1	59.7	58.0	52.9	49.5	47.8	46.9
45°	101.5	94.7	94.7	81.9	74.2	71.7	69.1	62.3	59.7	57.2	56.3
47.5°	121.1	110.9	110.9	93.0	81.9	80.2	76.8	69.1	66.5	64.0	63.1
50°	139.9	124.5	124.5	102.4	89.6	87.9	83.6	77.6	74.2	71.7	71.7
52.5°	153.5	134.8	134.8	108.3	93.8	93.0	88.7	81.9	78.5	75.9	75.9
55°	159.5	137.3	137.3	110.9	95.5	94.7	90.4	84.4	80.2	78.5	78.5
57.5°	160.4	134.8	134.8	110.0	94.7	93.8	87.9	81.9	80.2	79.3	78.5
60°	157.8	130.5	130.5	106.6	91.3	90.4	85.3	79.3	78.5	77.6	77.6
61°	*156.1*	*128.8*	*128.0*	*104.1*	*89.6*	*88.7*	*83.6*	*78.5*	*77.6*	*76.8*	*76.8*
62.5°	153.5	124.5	124.5	100.7	86.2	86.2	81.0	76.8	75.1	75.1	75.1
65°	143.3	115.2	114.3	93.0	79.3	79.3	75.1	72.5	70.8	70.8	70.8
67.5°	129.7	102.4	101.5	82.7	70.8	70.8	67.4	65.7	64.8	64.8	65.7
70°	113.4	88.7	87.0	70.8	60.6	61.4	58.0	58.9	58.0	58.0	58.9
72.5°	96.4	73.4	71.7	57.2	49.5	51.2	49.5	51.2	49.5	50.3	51.2
75°	75.1	56.3	54.6	42.6	38.4	40.1	39.2	41.8	40.9	41.8	41.8
77.5°	52.0	38.4	36.7	29.0	27.3	29.0	29.0	31.6	30.7	32.4	32.4
80°	29.9	23.0	21.3	17.1	17.1	17.9	18.8	21.3	21.3	22.2	23.0
82.5°	11.9	9.4	9.4	7.7	8.5	9.4	9.4	11.9	11.9	12.8	12.8
85°	2.6	3.4	4.3	3.4	3.4	3.4	2.6	4.3	4.3	5.1	5.1
87.5°	1.7	1.7	2.6	2.6	2.6	2.6	1.7	2.6	3.4	4.3	4.3
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
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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

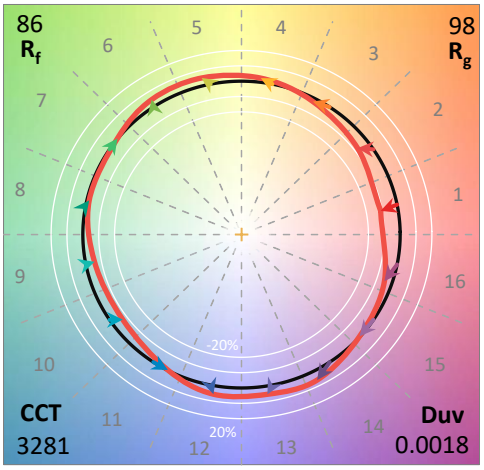
Test Information

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

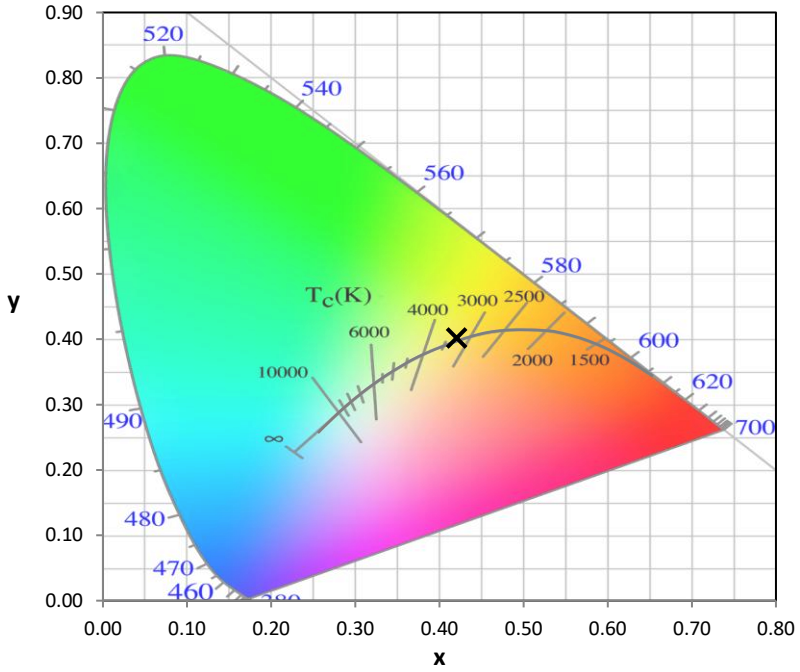
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2509-539-7

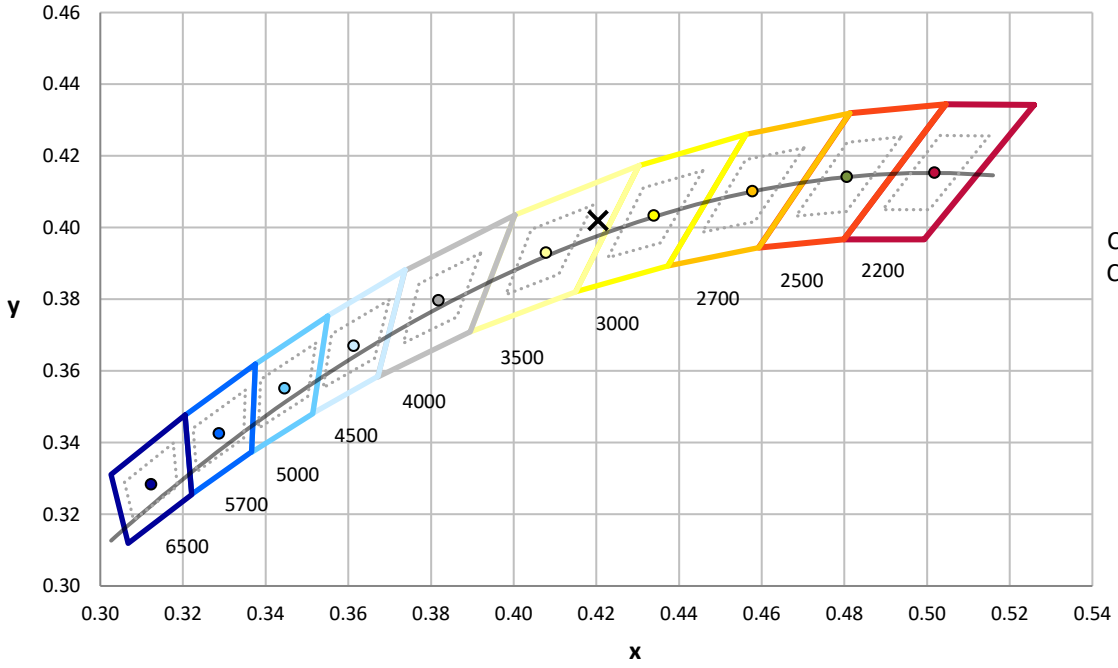
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

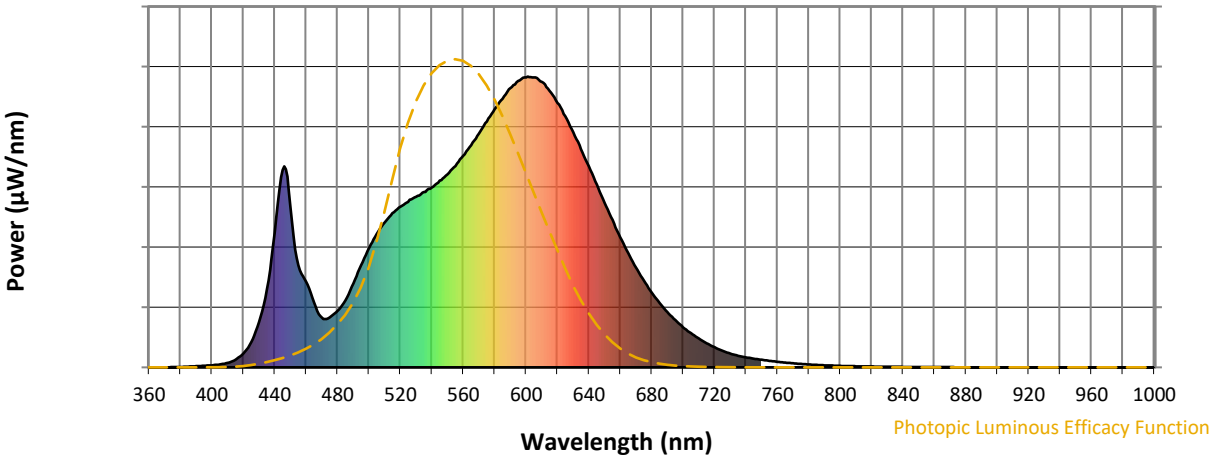


CCT = 3281K
CIE x = 0.4204
CIE y = 0.4020
Duv = 0.0018

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2509-539-7

Photopic Flux vs. Wavelength

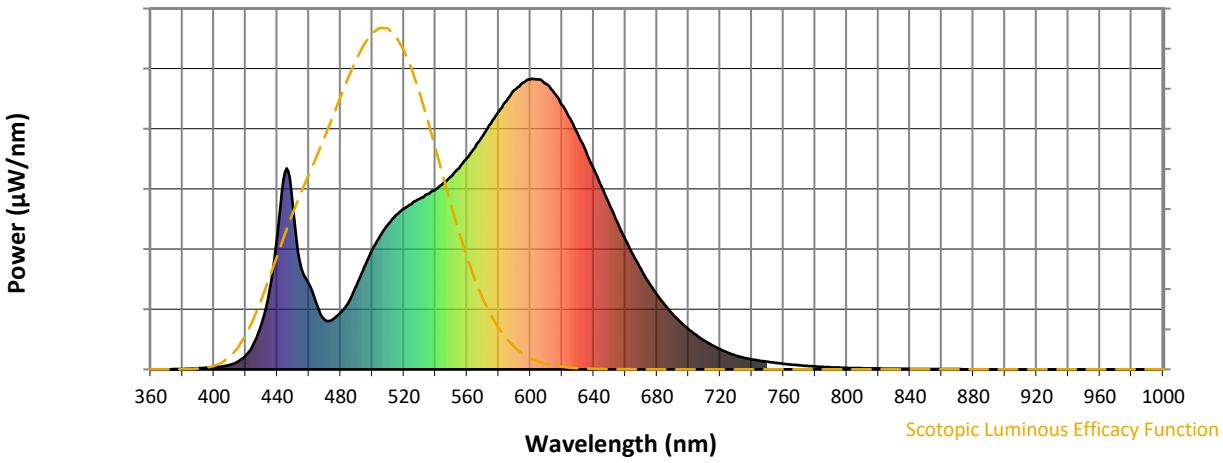


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2509-539-7

Scotopic Flux vs. Wavelength

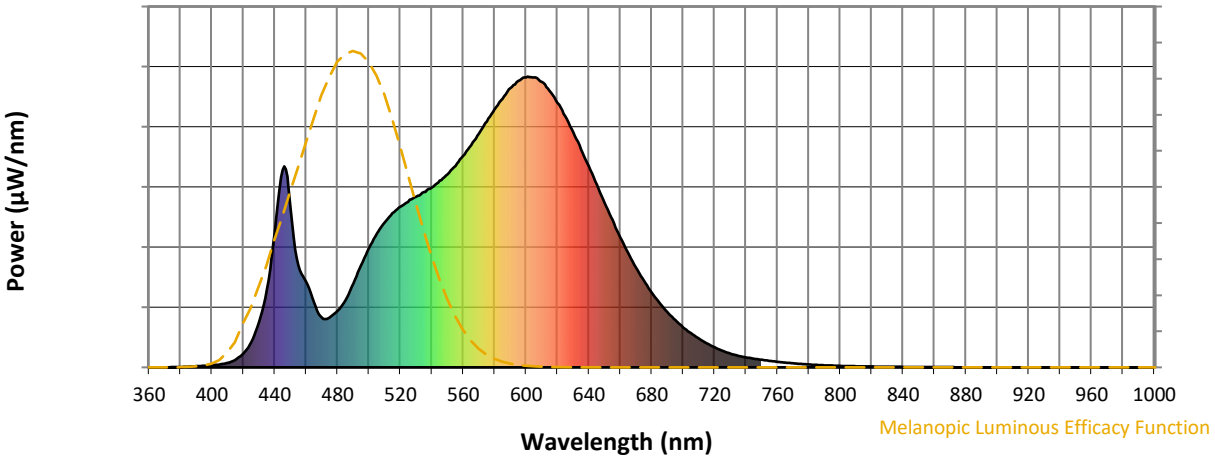


Scotopic Lumens: NR **S/P: 1.44**

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			

REPORT NUMBER: SP1-2509-539-7

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			

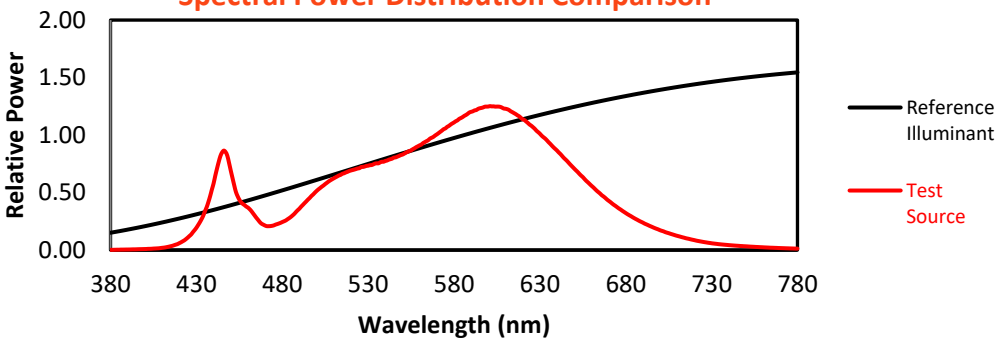
REPORT NUMBER: SP1-2509-539-7

TM-30-18

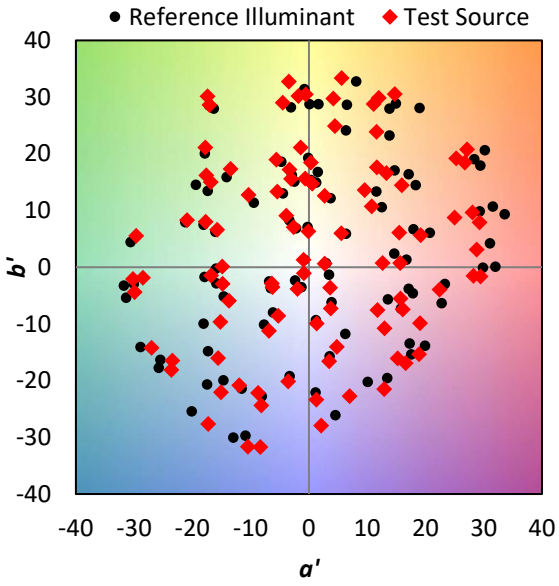
Summary

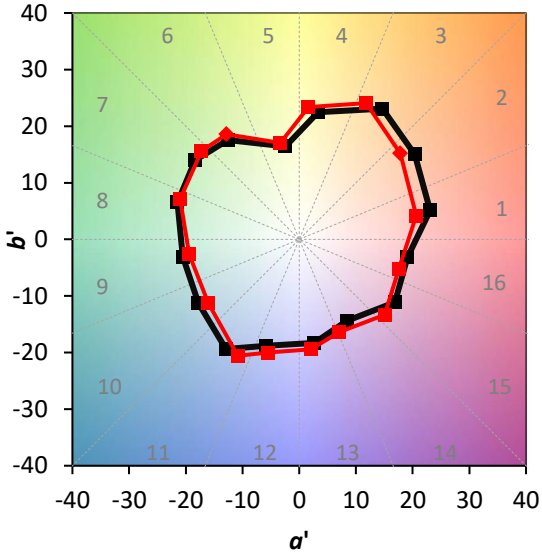
R_f = 85.8
R_g = 97.6
CIE R_a = 83.9
R_9 = 9.4

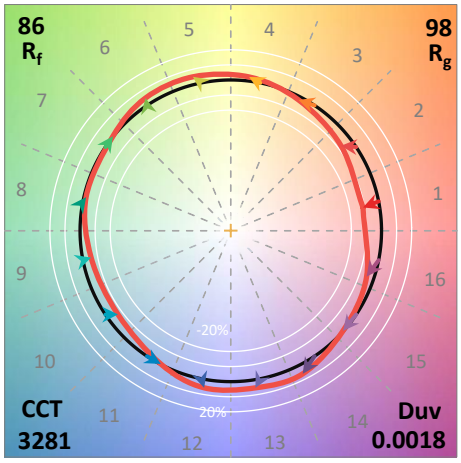
Spectral Power Distribution Comparison

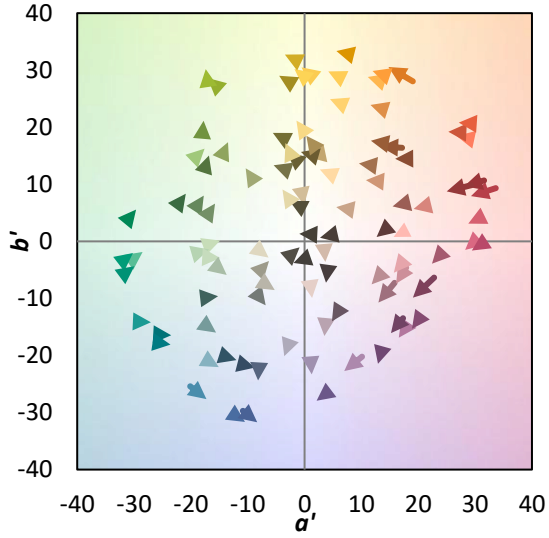


Color Vector Graphics







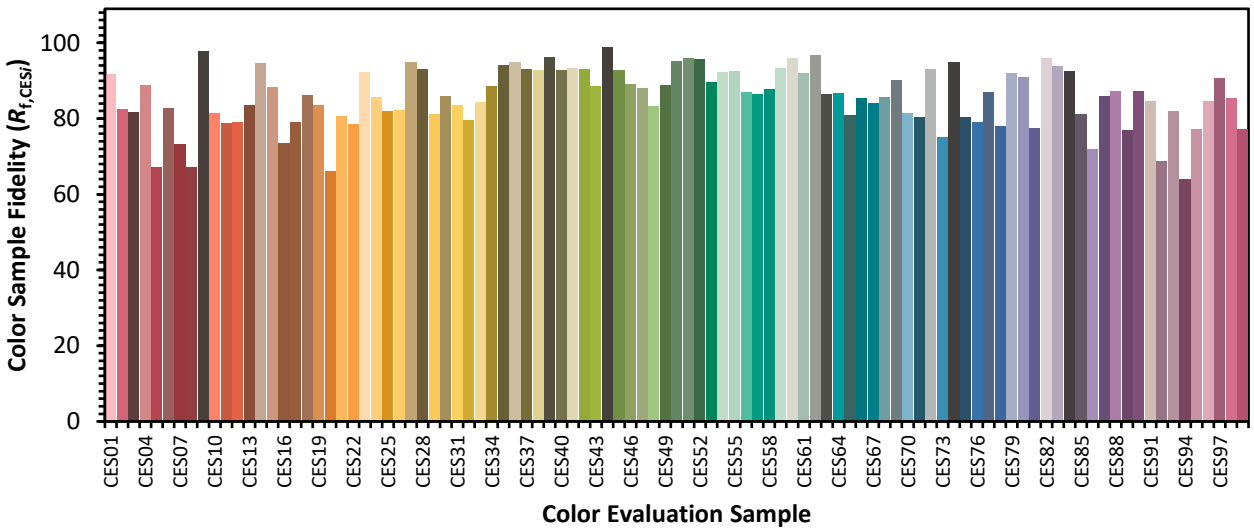


REPORT NUMBER: SP1-2509-539-7

TM-30-18

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

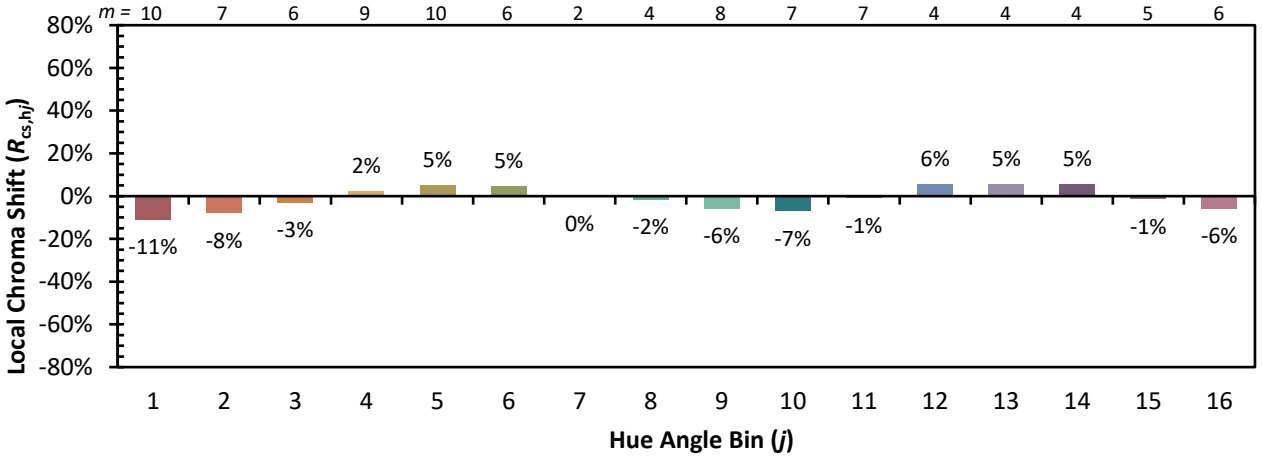
CES01 = 86	CES26 = 82	CES51 = 96	CES76 = 79
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 78
CES04 = 70	CES29 = 81	CES54 = 92	CES79 = 92
CES05 = 49	CES30 = 86	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 84	CES56 = 87	CES81 = 77
CES07 = 42	CES32 = 80	CES57 = 86	CES82 = 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	

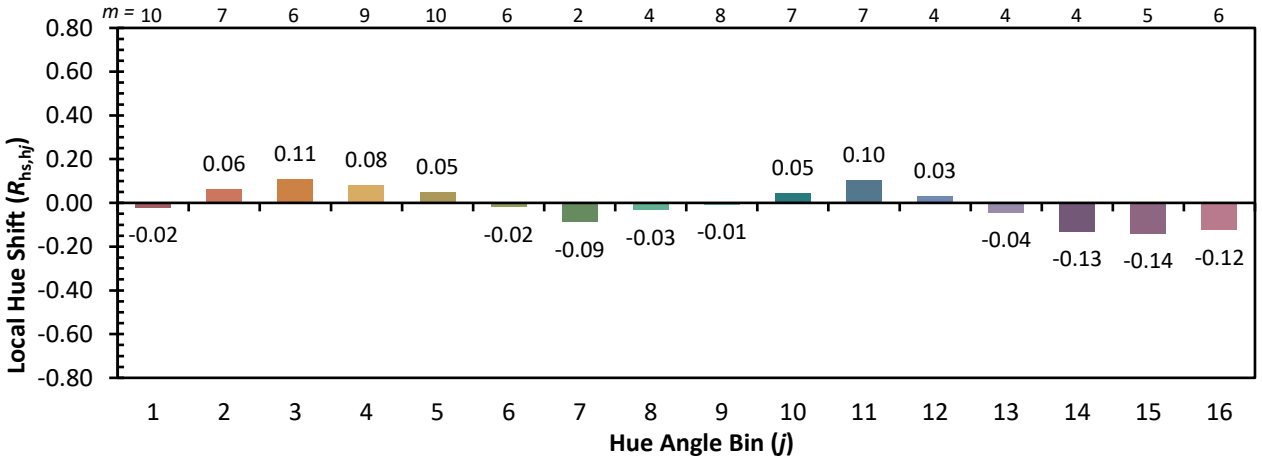


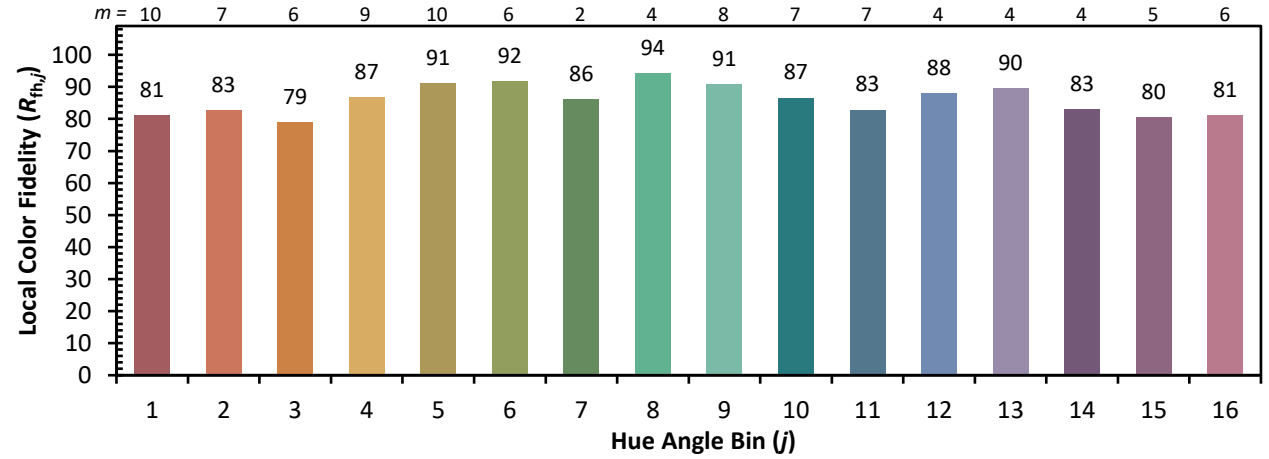
REPORT NUMBER: SP1-2509-539-7

TM-30-18

Color Rendition by Hue-Angle Bin



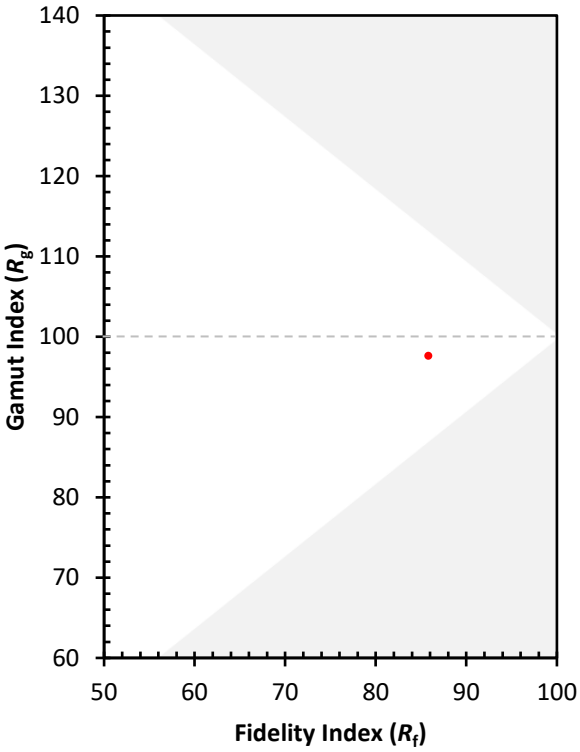


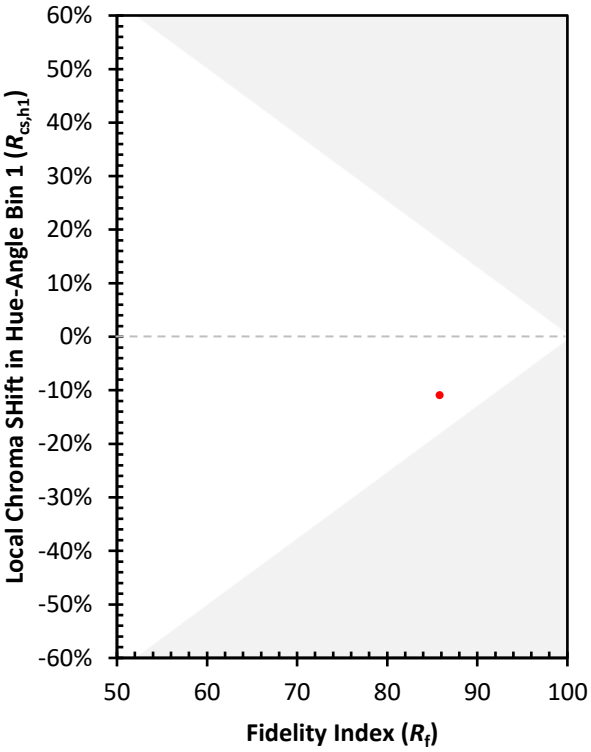


REPORT NUMBER: SP1-2509-539-7

TM-30-18

Measure Comparisons





(END OF REPORT)