Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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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: McGRAW-EDISON

Report Number: P1704728

Luminaire Tested: GSS-SB1A-AMB-U-SL3

Issue Date: 10/28/2026

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:	P1704728
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-AMB-U-SL3
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T3 SPILL CONTROL DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1984.2 lumens
Efficiency:	N/A
Efficacy:	55.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B0 - U0 - G1

Input Watts (W):	35.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

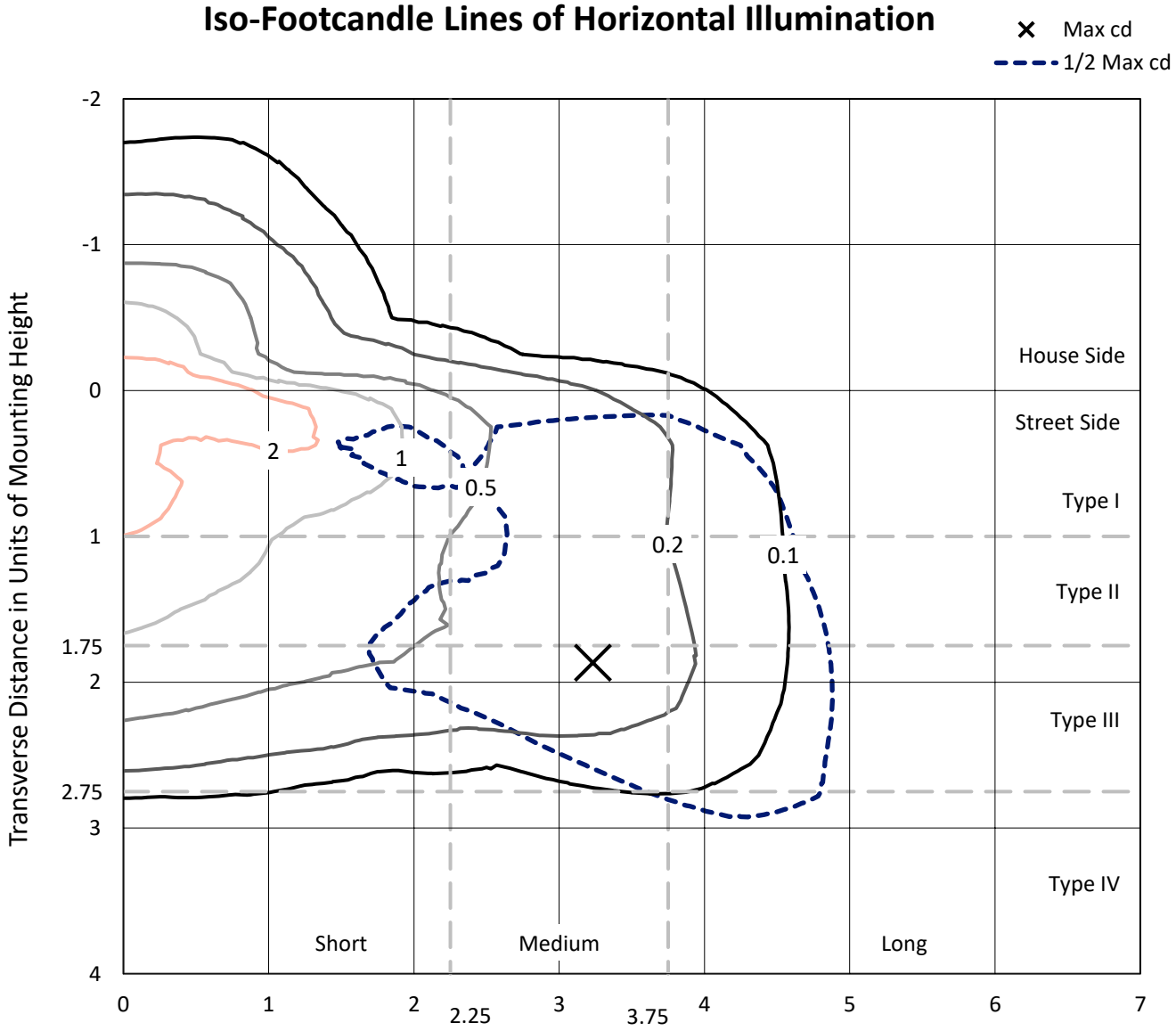


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



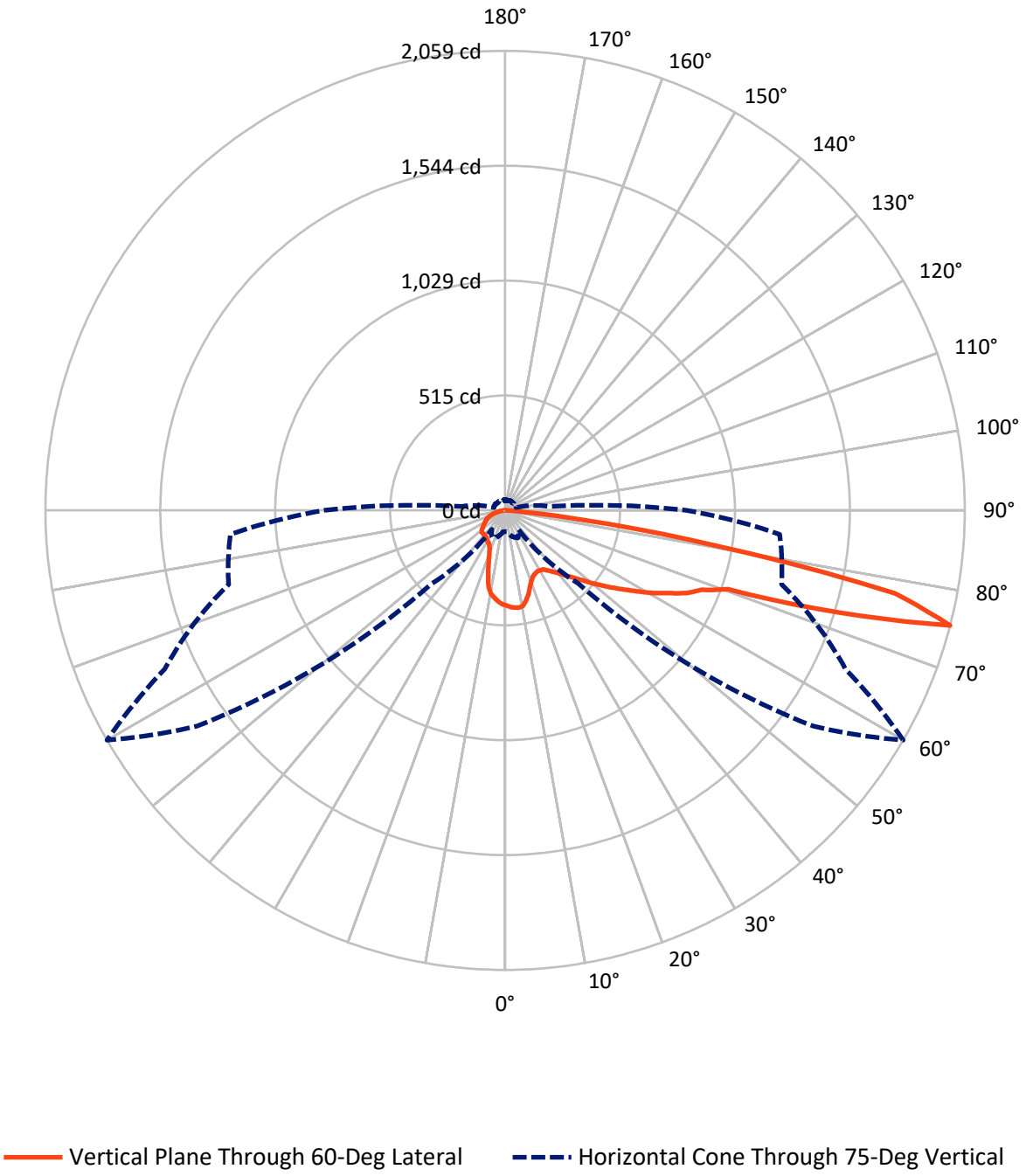
Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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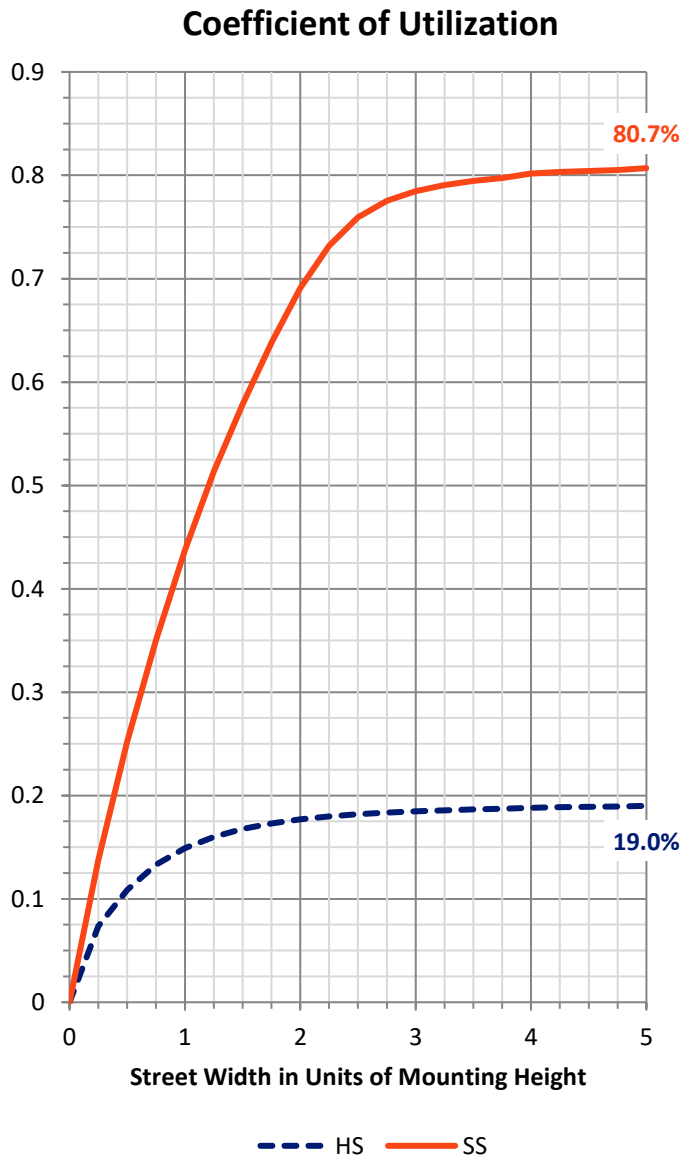
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	380.2	0.0	380.2
	% Fixture	19.2	0.0	19.2
Street Side	Lumens	1604.0	0.0	1604.0
	% Fixture	80.8	0.0	80.8
Total	Lumens	1984.2	0.0	1984.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.7	1.9
10°-20°	86.7	4.4
20°-30°	128.3	6.5
30°-40°	184.5	9.3
40°-50°	269.8	13.6
50°-60°	364.8	18.4
60°-70°	467.2	23.5
70°-80°	399.8	20.1
80°-90°	45.3	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°	1984.2	100.0
0°-180°	1984.2	100.0



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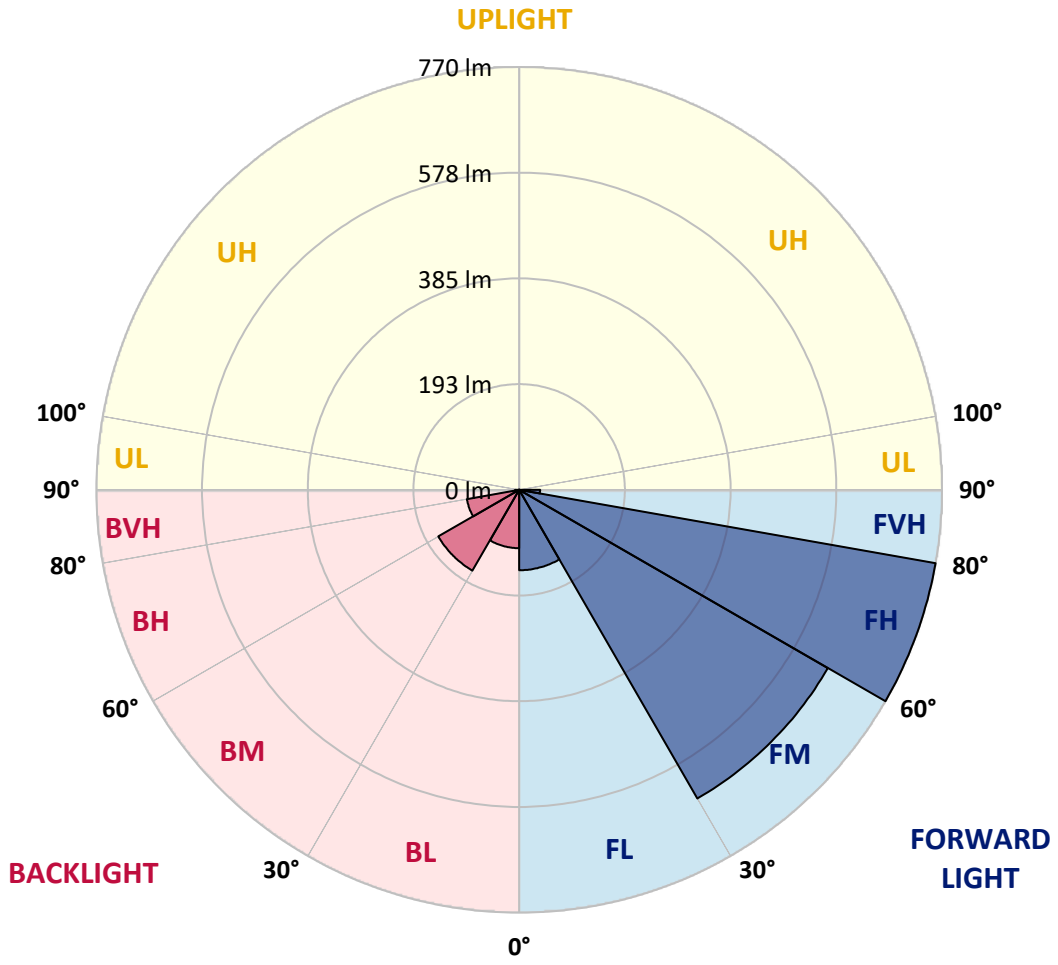
Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	146.5	7.4			
FM	(30°-60°)	649.2	32.7			
FH	(60°-80°)	770.2	38.8			G1/1800
FVH	(80°-90°)	38.1	1.9			G1/100
BL	(0°-30°)	106.3	5.4	B0/110		
BM	(30°-60°)	170.0	8.6	B0/220		
BH	(60°-80°)	96.8	4.9	B0/110		G0/110
BVH	(80°-90°)	7.2	0.4			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 Medium



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REPORT NUMBER: P1704728
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	424.9	424.9	424.9	424.9	424.9	424.9	424.9	*424.9*	424.9	424.9	424.9
2.5°	438.9	436.9	434.9	434.9	434.9	434.9	433.9	*432.9*	431.9	429.9	427.9
5°	426.9	425.9	427.9	428.9	432.9	435.9	436.9	*437.9*	436.9	437.9	431.9
7.5°	368.9	366.9	372.9	385.9	402.9	423.9	434.9	*439.9*	439.9	442.9	437.9
10°	302.9	304.9	308.9	319.9	345.9	380.9	417.9	*435.9*	438.9	447.9	444.9
12.5°	269.9	271.9	273.9	282.9	300.9	330.9	386.9	*414.9*	438.9	453.9	451.9
15°	256.0	255.0	257.0	263.0	276.9	300.9	353.9	*390.9*	423.9	461.9	461.9
17.5°	252.0	251.0	252.0	253.0	263.0	281.9	322.9	*360.9*	409.9	473.9	472.9
20°	257.0	256.0	254.0	255.0	257.0	270.9	304.9	*336.9*	393.9	480.9	480.9
22.5°	266.0	265.0	261.0	260.0	259.0	265.0	292.9	*320.9*	377.9	491.9	492.9
25°	279.9	278.9	273.9	269.9	267.0	267.0	287.9	*312.9*	363.9	502.9	504.9
27.5°	304.9	302.9	292.9	284.9	275.9	273.9	286.9	*308.9*	357.9	517.9	515.9
30°	344.9	340.9	323.9	308.9	292.9	283.9	293.9	*310.9*	354.9	534.9	526.9
32.5°	395.9	391.9	373.9	344.9	315.9	296.9	302.9	*314.9*	358.9	559.9	545.9
35°	420.9	416.9	407.9	394.9	352.9	318.9	315.9	*330.9*	370.9	593.9	566.9
37.5°	441.9	438.9	424.9	417.9	396.9	345.9	333.9	*348.9*	388.9	633.9	591.9
40°	486.9	480.9	460.9	438.9	432.9	389.9	355.9	*369.9*	414.9	684.9	630.9
42.5°	526.9	521.9	500.9	481.9	454.9	443.9	385.9	*398.9*	447.9	746.9	673.9
45°	563.9	558.9	535.9	518.9	491.9	484.9	417.9	*429.9*	485.9	809.8	725.9
47.5°	603.9	596.9	572.9	551.9	529.9	490.9	446.9	*467.9*	531.9	874.8	773.9
50°	620.9	611.9	599.9	581.9	562.9	503.9	477.9	*514.9*	589.9	936.8	816.8
52.5°	633.9	620.9	596.9	597.9	586.9	518.9	514.9	*564.9*	645.9	988.8	857.8
55°	659.9	645.9	610.9	599.9	600.9	537.9	561.9	*619.9*	698.9	1027.8	895.8
57.5°	695.9	676.9	627.9	605.9	604.9	565.9	619.9	*679.9*	753.9	1053.8	941.8
60°	757.9	733.9	671.9	644.9	624.9	606.9	685.9	*749.9*	812.8	1073.8	981.8
62.5°	806.8	786.9	735.9	718.9	685.9	671.9	754.9	*815.8*	869.8	1091.8	1015.8
65°	814.8	785.9	758.9	791.9	834.8	771.9	848.8	*892.8*	918.8	1072.8	991.8
67.5°	685.9	657.9	669.9	731.9	886.8	1040.8	977.8	*949.8*	914.8	1027.8	999.8
70°	275.9	275.9	326.9	478.9	736.9	1150.8	1253.8	*1058.8*	948.8	1051.8	1043.8
72.5°	149.0	150.0	174.0	183.0	358.9	881.8	1699.7	*1567.7*	1188.8	1116.8	1136.8
75°	*95.0*	*96.0*	*121.0*	*136.0*	*104.0*	*463.9*	*1685.7*	*2058.6*	*1681.7*	*1281.8*	*1234.8*
77.5°	67.0	67.0	85.0	107.0	63.0	116.0	1319.8	*1784.7*	1806.7	1232.8	940.8
80°	45.0	46.0	58.0	76.0	44.0	51.0	795.9	*948.8*	810.8	627.9	352.9
82.5°	27.0	27.0	32.0	39.0	28.0	29.0	187.0	*347.9*	254.0	135.0	55.0
85°	12.0	12.0	16.0	18.0	12.0	13.0	27.0	*62.0*	49.0	24.0	19.0
87.5°	1.0	1.0	1.0	3.0	3.0	3.0	5.0	*5.0*	6.0	6.0	6.0
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: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9
2.5°	425.9	423.9	423.9	419.9	417.9	413.9	412.9	409.9	408.9	409.9	410.9
5°	429.9	426.9	418.9	410.9	403.9	396.9	389.9	382.9	379.9	379.9	379.9
7.5°	431.9	426.9	415.9	400.9	386.9	373.9	358.9	349.9	333.9	330.9	323.9
10°	435.9	431.9	412.9	388.9	368.9	333.9	286.9	257.0	235.0	229.0	226.0
12.5°	442.9	433.9	408.9	378.9	326.9	257.0	216.0	199.0	192.0	190.0	190.0
15°	452.9	437.9	404.9	348.9	256.0	207.0	190.0	186.0	186.0	186.0	186.0
17.5°	459.9	442.9	397.9	294.9	209.0	189.0	186.0	187.0	188.0	189.0	188.0
20°	466.9	442.9	377.9	234.0	187.0	183.0	186.0	189.0	191.0	193.0	194.0
22.5°	472.9	441.9	333.9	194.0	176.0	179.0	183.0	187.0	190.0	190.0	190.0
25°	476.9	439.9	272.9	171.0	169.0	176.0	179.0	179.0	178.0	177.0	178.0
27.5°	481.9	434.9	209.0	160.0	165.0	172.0	173.0	170.0	169.0	168.0	169.0
30°	481.9	415.9	174.0	155.0	163.0	171.0	166.0	165.0	163.0	162.0	162.0
32.5°	491.9	375.9	153.0	150.0	159.0	160.0	161.0	159.0	156.0	156.0	156.0
35°	503.9	317.9	139.0	146.0	155.0	151.0	153.0	152.0	149.0	148.0	149.0
37.5°	504.9	245.0	133.0	141.0	147.0	148.0	147.0	144.0	139.0	136.0	137.0
40°	496.9	194.0	129.0	140.0	146.0	149.0	146.0	140.0	131.0	121.0	121.0
42.5°	471.9	177.0	130.0	140.0	147.0	150.0	146.0	132.0	119.0	111.0	111.0
45°	456.9	171.0	132.0	139.0	148.0	152.0	140.0	124.0	118.0	112.0	112.0
47.5°	457.9	178.0	135.0	140.0	146.0	149.0	128.0	123.0	119.0	122.0	125.0
50°	480.9	192.0	137.0	136.0	138.0	133.0	120.0	116.0	110.0	107.0	108.0
52.5°	515.9	210.0	135.0	130.0	127.0	119.0	113.0	109.0	103.0	97.0	95.0
55°	554.9	230.0	128.0	120.0	119.0	110.0	108.0	104.0	98.0	90.0	88.0
57.5°	590.9	245.0	118.0	113.0	111.0	103.0	106.0	105.0	94.0	83.0	81.0
60°	634.9	258.0	109.0	105.0	103.0	99.0	103.0	103.0	89.0	77.0	75.0
62.5°	664.9	267.9	99.0	99.0	96.0	93.0	98.0	96.0	83.0	71.0	70.0
65°	652.9	253.0	90.0	91.0	91.0	86.0	90.0	86.0	75.0	66.0	66.0
67.5°	683.9	261.0	79.0	82.0	85.0	78.0	79.0	76.0	67.0	61.0	61.0
70°	714.9	253.0	70.0	73.0	75.0	66.0	69.0	66.0	60.0	57.0	55.0
72.5°	785.9	256.0	61.0	63.0	64.0	56.0	59.0	58.0	53.0	51.0	50.0
75°	*810.8*	*200.0*	*51.0*	*52.0*	*52.0*	*47.0*	*49.0*	*49.0*	*45.0*	*48.0*	*42.0*
77.5°	568.9	100.0	41.0	41.0	41.0	38.0	39.0	38.0	35.0	36.0	33.0
80°	195.0	42.0	31.0	30.0	31.0	29.0	29.0	28.0	25.0	25.0	25.0
82.5°	35.0	24.0	22.0	21.0	20.0	18.0	19.0	18.0	21.0	28.0	27.0
85°	13.0	12.0	11.0	11.0	10.0	8.0	9.0	11.0	14.0	11.0	11.0
87.5°	6.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2509-541-1

Test Date: 09/16/2025

Luminaire Tested: GALN-SA1A-AMB-U-T3BC

Data in this report applies to families of products including GALN-SA1A*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

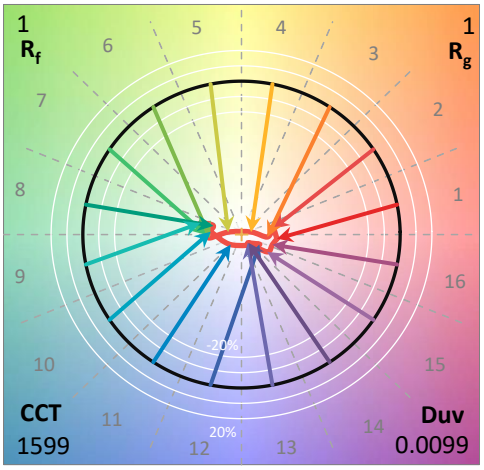
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2509-541-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	10/02/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GALN-SA1A-AMB-U-T3BC**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) AMBER, 615MA LIGHTSQUARES TYPE III ROADWAY OPTICS WITH ANGLED BACKLIGHT CONTROL HEATSINK

Spectral Parameters

CCT (K):	1599
CIE u':	0.3452
CIE v':	0.5480
Duv:	0.0099
CIE x:	0.5859
CIE y:	0.4133
CIE z:	0.0008
Peak Wavelength (nm):	596
Dominant Wavelength (nm):	591
Purity:	99.94224
Rf:	1.2
Rg:	0.9

CRI (Ra):	-22.7				
R1:	-36.4	R9:	-395.3		
R2:	50.8	R10:	26.0		
R3:	18.3	R11:	-97.2		
R4:	-69.1	R12:	-14.1		
R5:	-41.9	R13:	-17.6		
R6:	38.5	R14:	46.4		
R7:	-6.7	R15:	-69.4		
R8:	-135.4				



Test Conditions

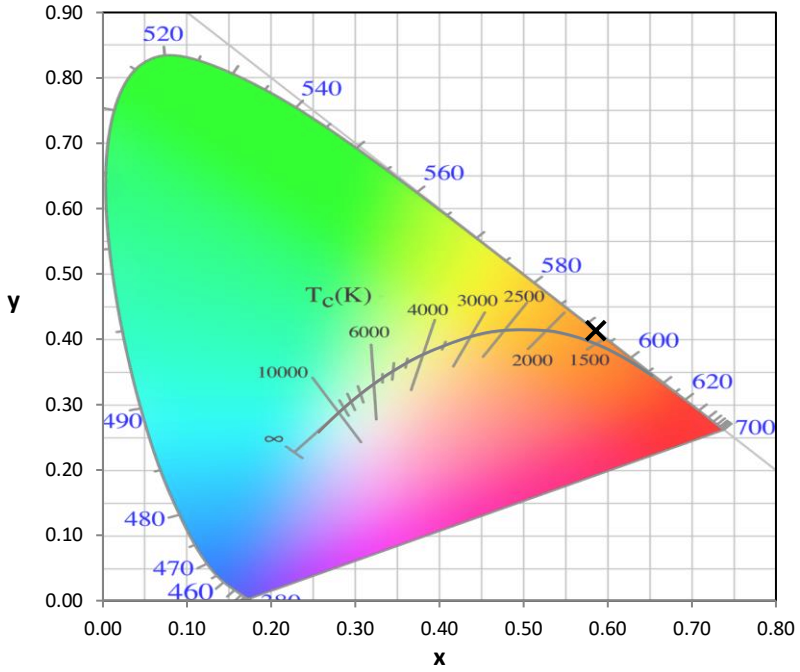
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

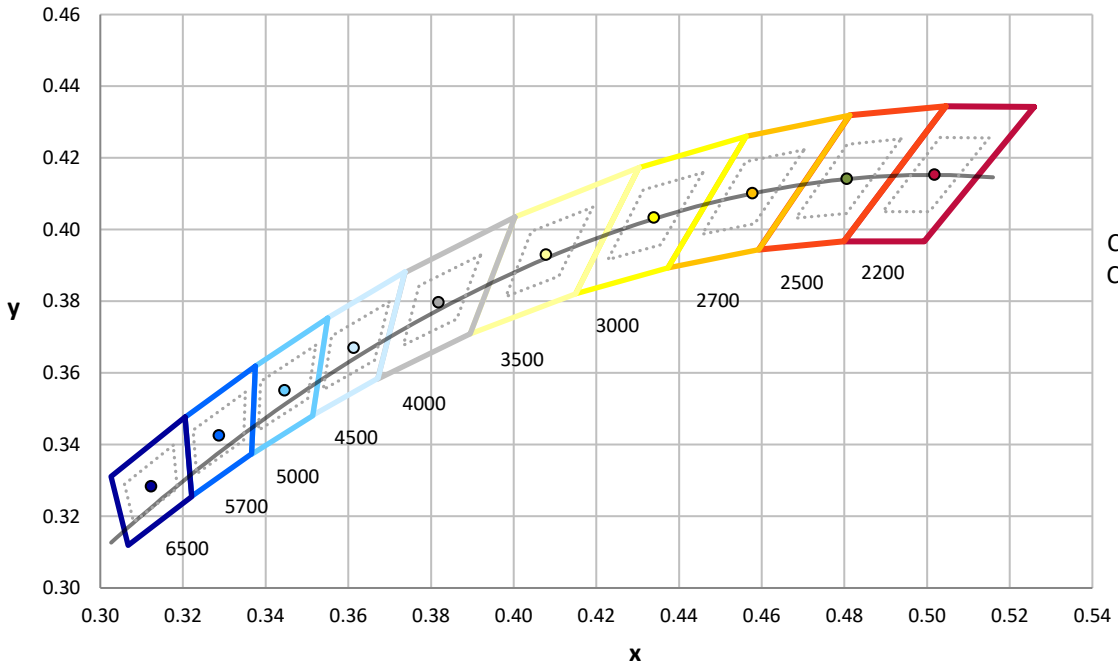
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024	10/22/2025
Sphere Thermometer	TANDD IN4036E	10/22/2024	10/22/2025

REPORT NUMBER: SP3-2509-541-1

CIE 1931 Chromaticity Diagram



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

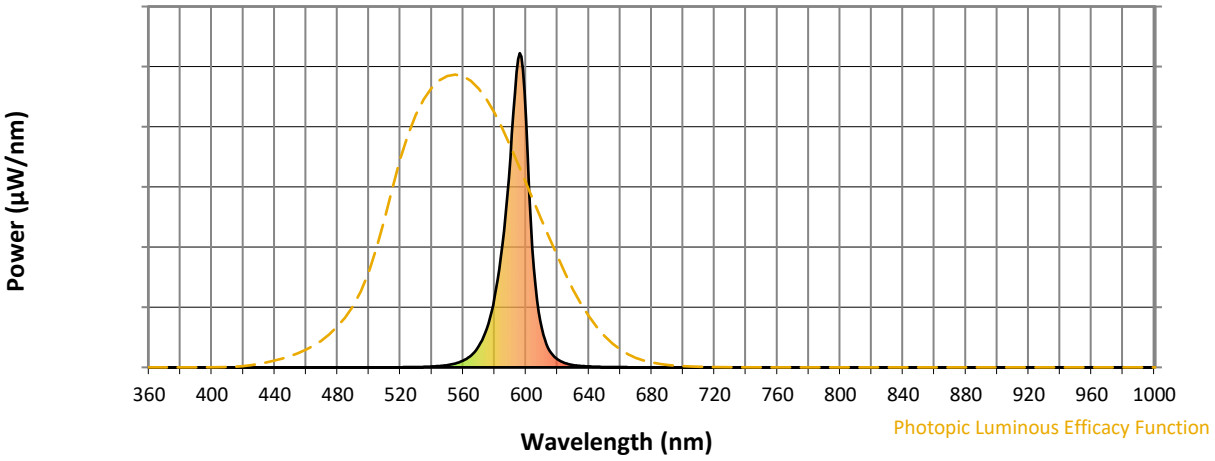


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

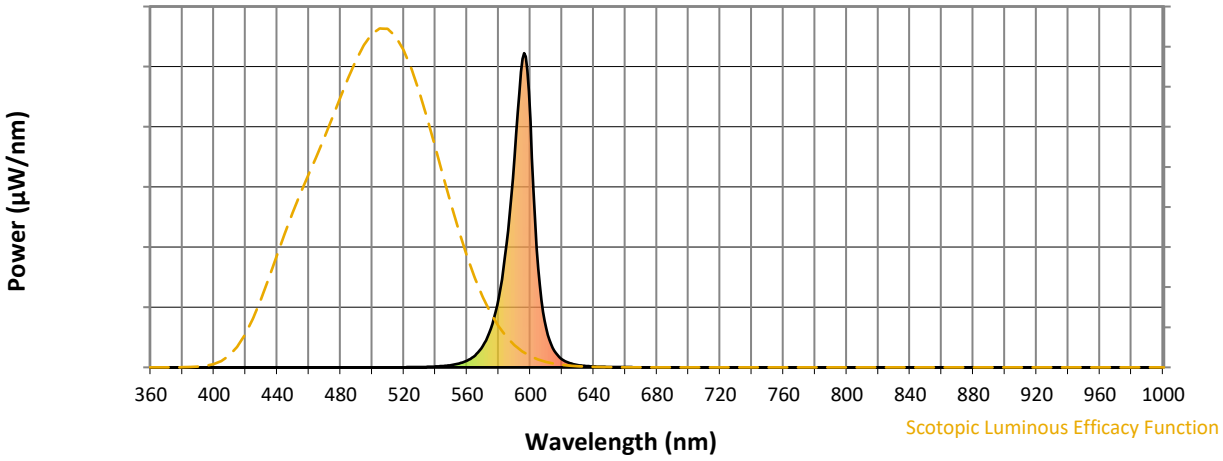


Photopic Lumens: NR

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

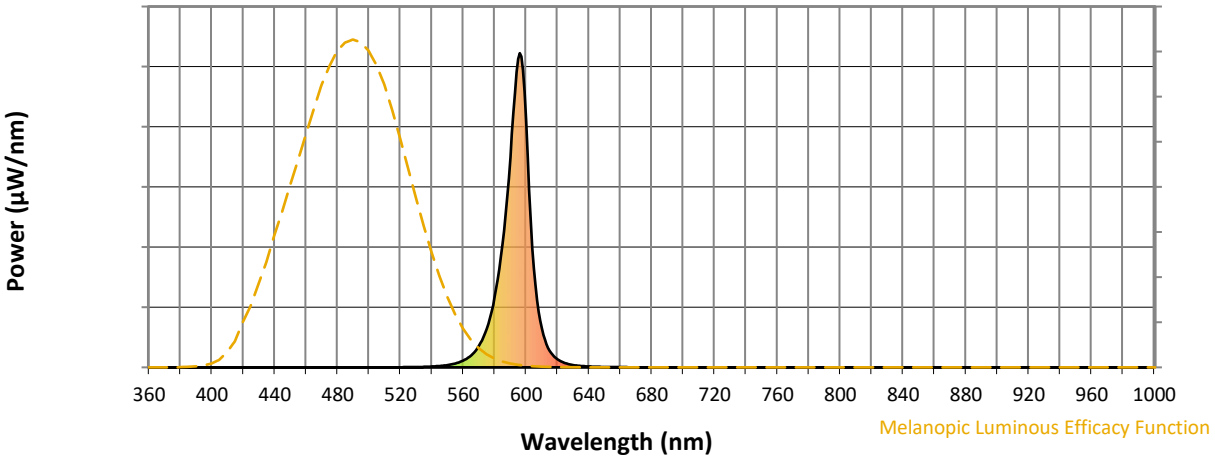


Scotopic Lumens: NR **S/P: 0.23**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 0.13**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

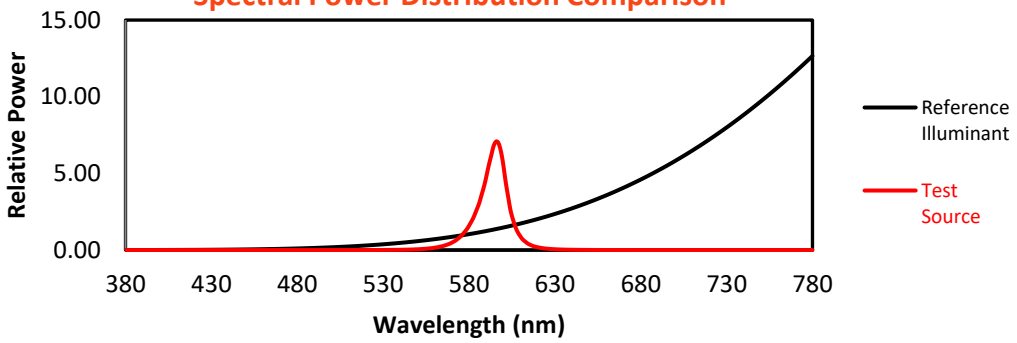
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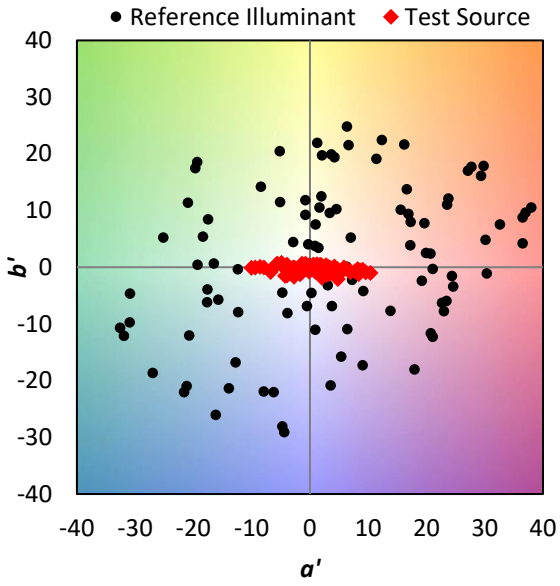
Summary

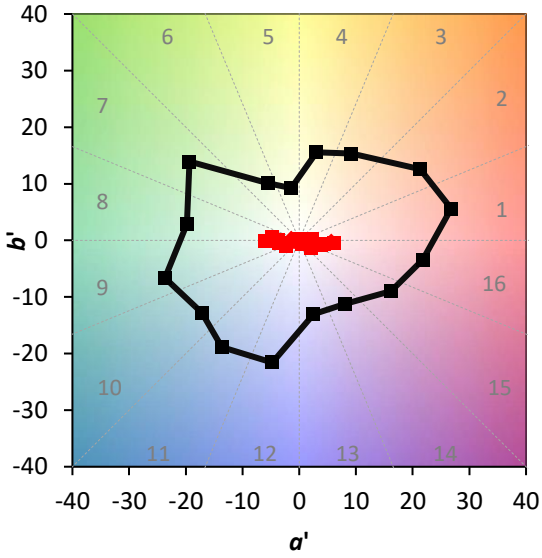
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

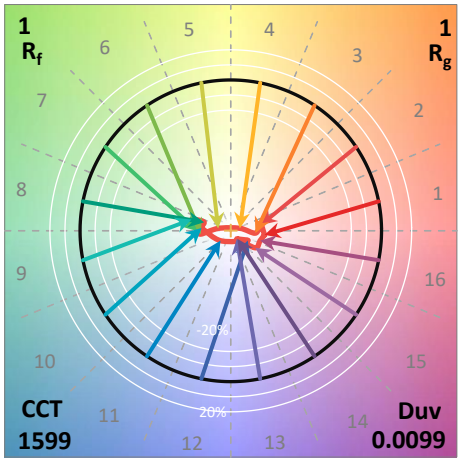
Spectral Power Distribution Comparison

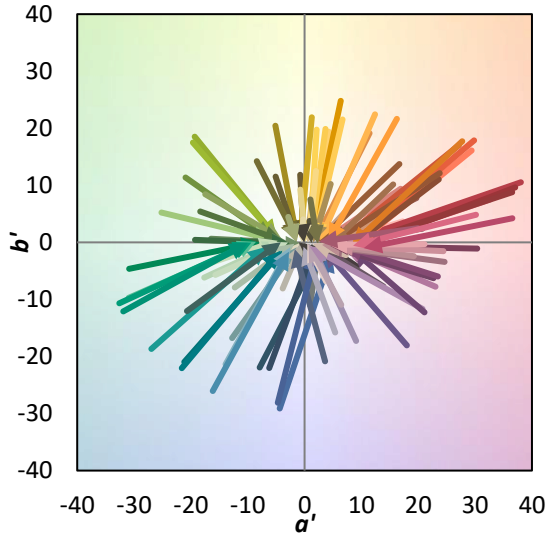


Color Vector Graphics







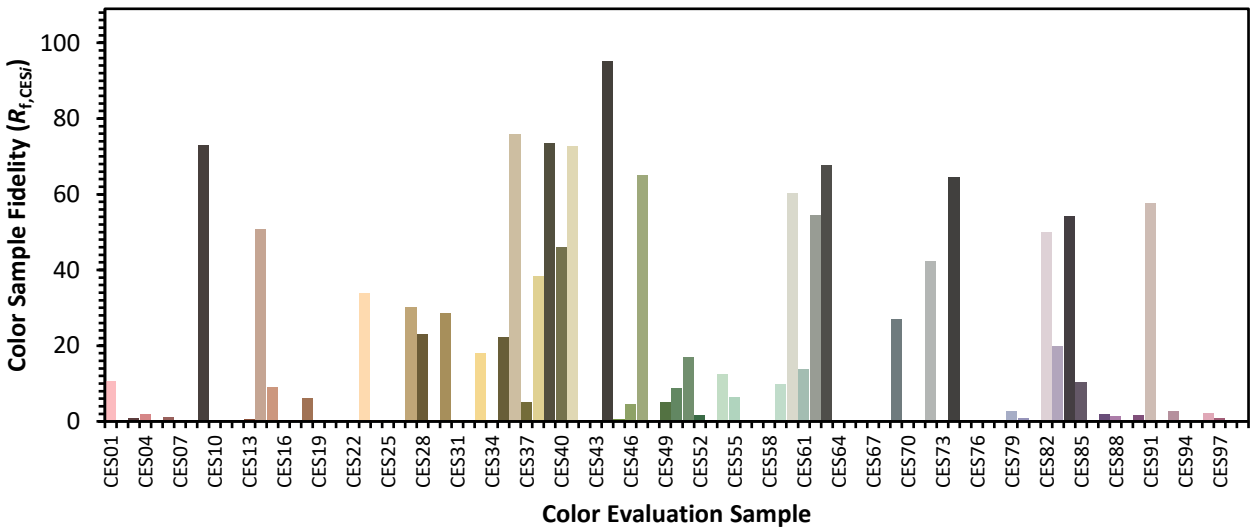


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Individual Sample Fidelity Index ($R_{f,i}$)

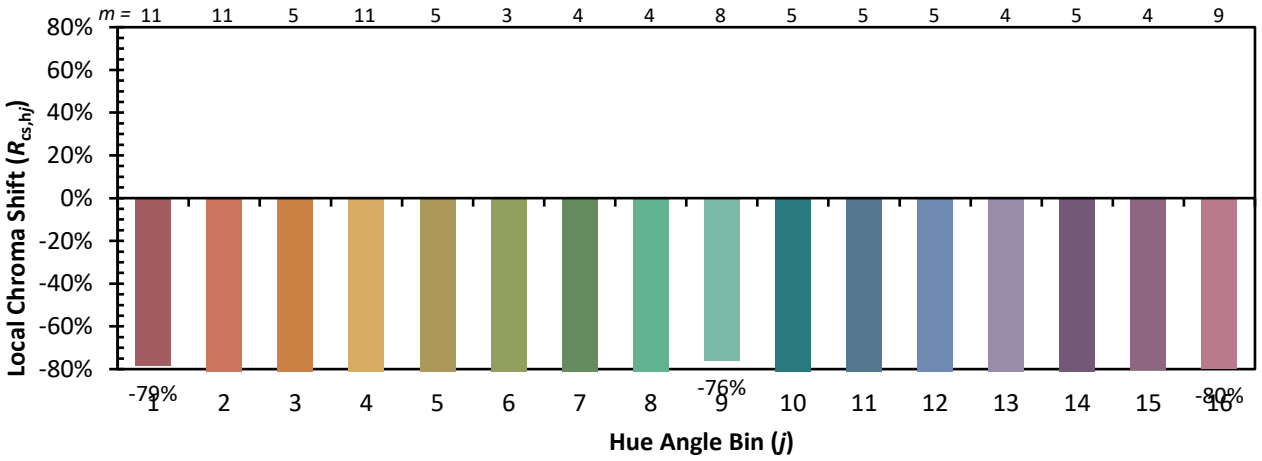
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 38	CES33 = 18	CES58 = 0	CES83 = 20
CES09 = 29	CES34 = 0	CES59 = 10	CES84 = 54
CES10 = 87	CES35 = 22	CES60 = 60	CES85 = 10
CES11 = 70	CES36 = 76	CES61 = 14	CES86 = 0
CES12 = 75	CES37 = 5	CES62 = 55	CES87 = 2
CES13 = 46	CES38 = 38	CES63 = 68	CES88 = 1
CES14 = 76	CES39 = 73	CES64 = 0	CES89 = 0
CES15 = 74	CES40 = 46	CES65 = 0	CES90 = 2
CES16 = 49	CES41 = 73	CES66 = 0	CES91 = 58
CES17 = 56	CES42 = 0	CES67 = 0	CES92 = 0
CES18 = 59	CES43 = 0	CES68 = 0	CES93 = 3
CES19 = 80	CES44 = 95	CES69 = 27	CES94 = 0
CES20 = 71	CES45 = 1	CES70 = 0	CES95 = 0
CES21 = 94	CES46 = 5	CES71 = 0	CES96 = 2
CES22 = 86	CES47 = 65	CES72 = 42	CES97 = 1
CES23 = 94	CES48 = 0	CES73 = 0	CES98 = 0
CES24 = 95	CES49 = 5	CES74 = 65	CES99 = 0
CES25 = 79	CES50 = 9	CES75 = 0	

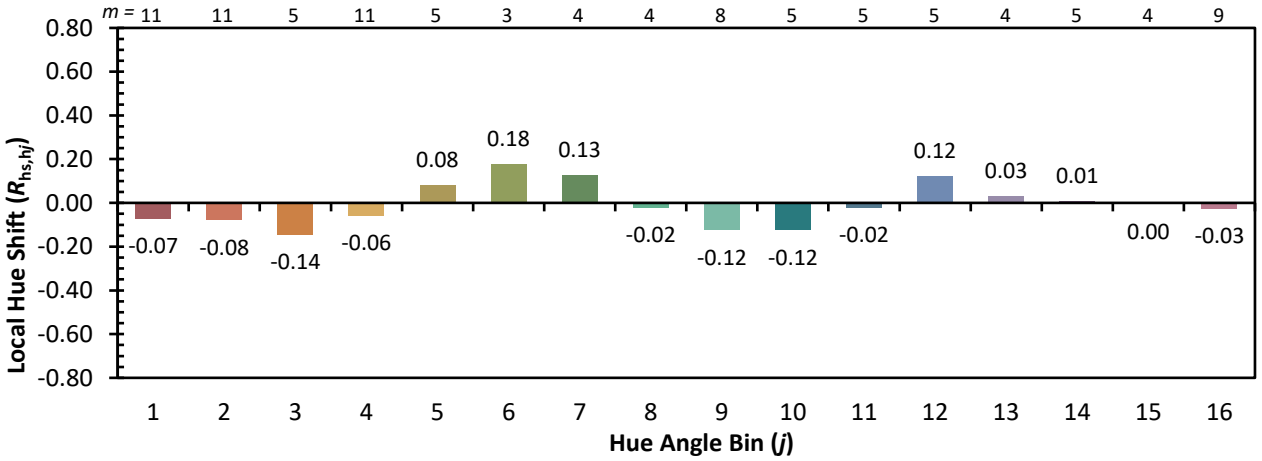


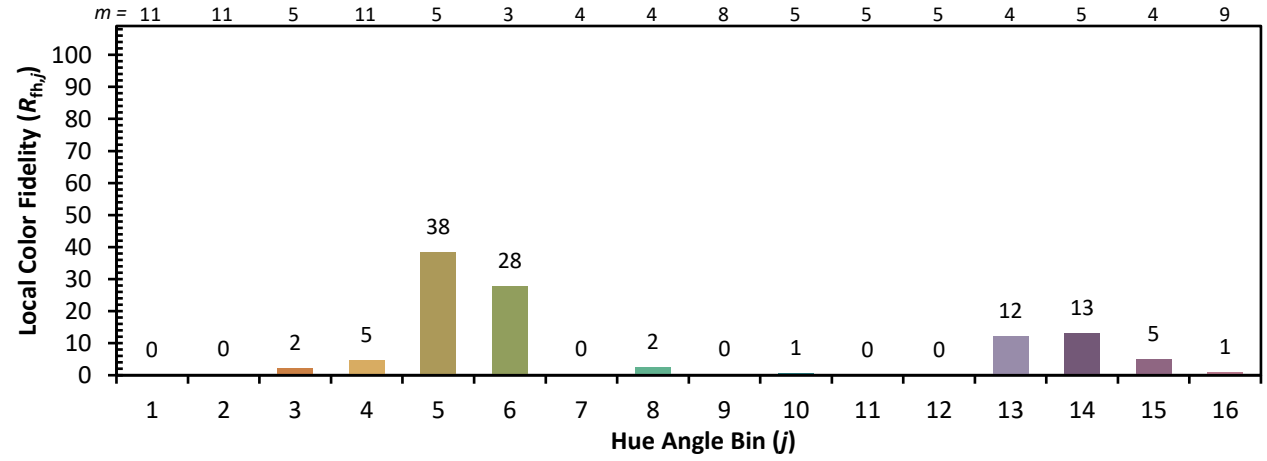
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Color Rendition by Hue-Angle Bin



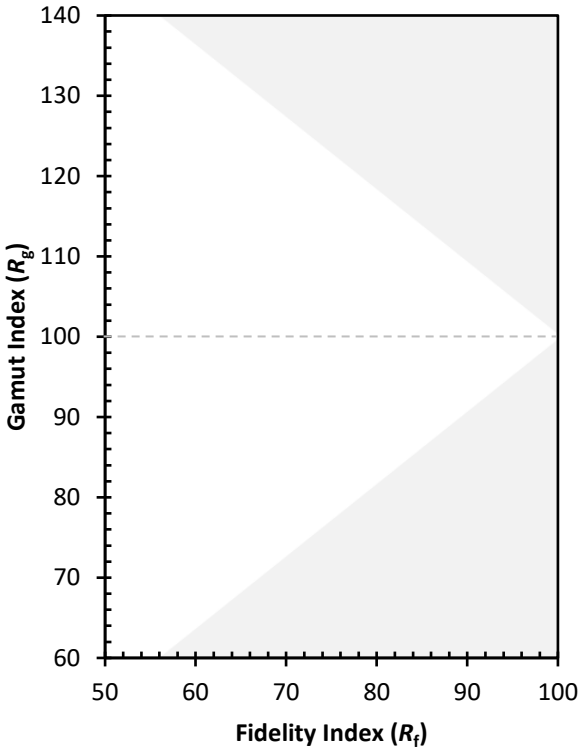


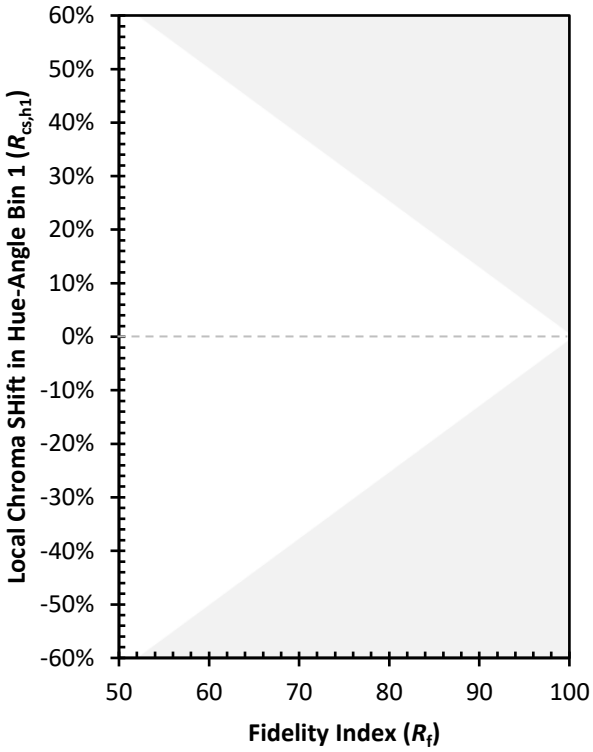


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Measure Comparisons





(END OF REPORT)