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-SL2

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-SL2
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2110.9 lumens
Efficiency:	N/A
Efficacy:	58.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - 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

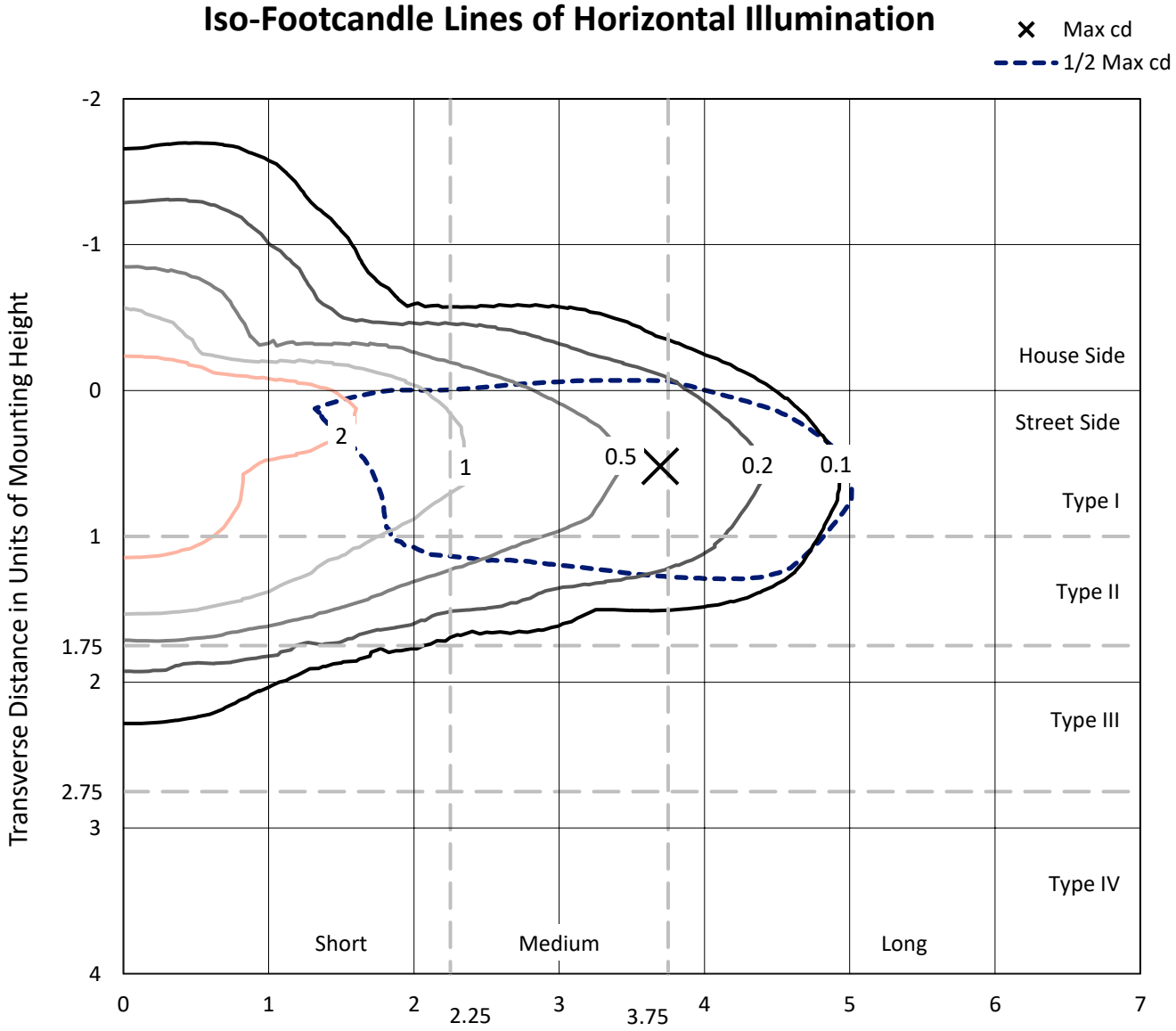


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



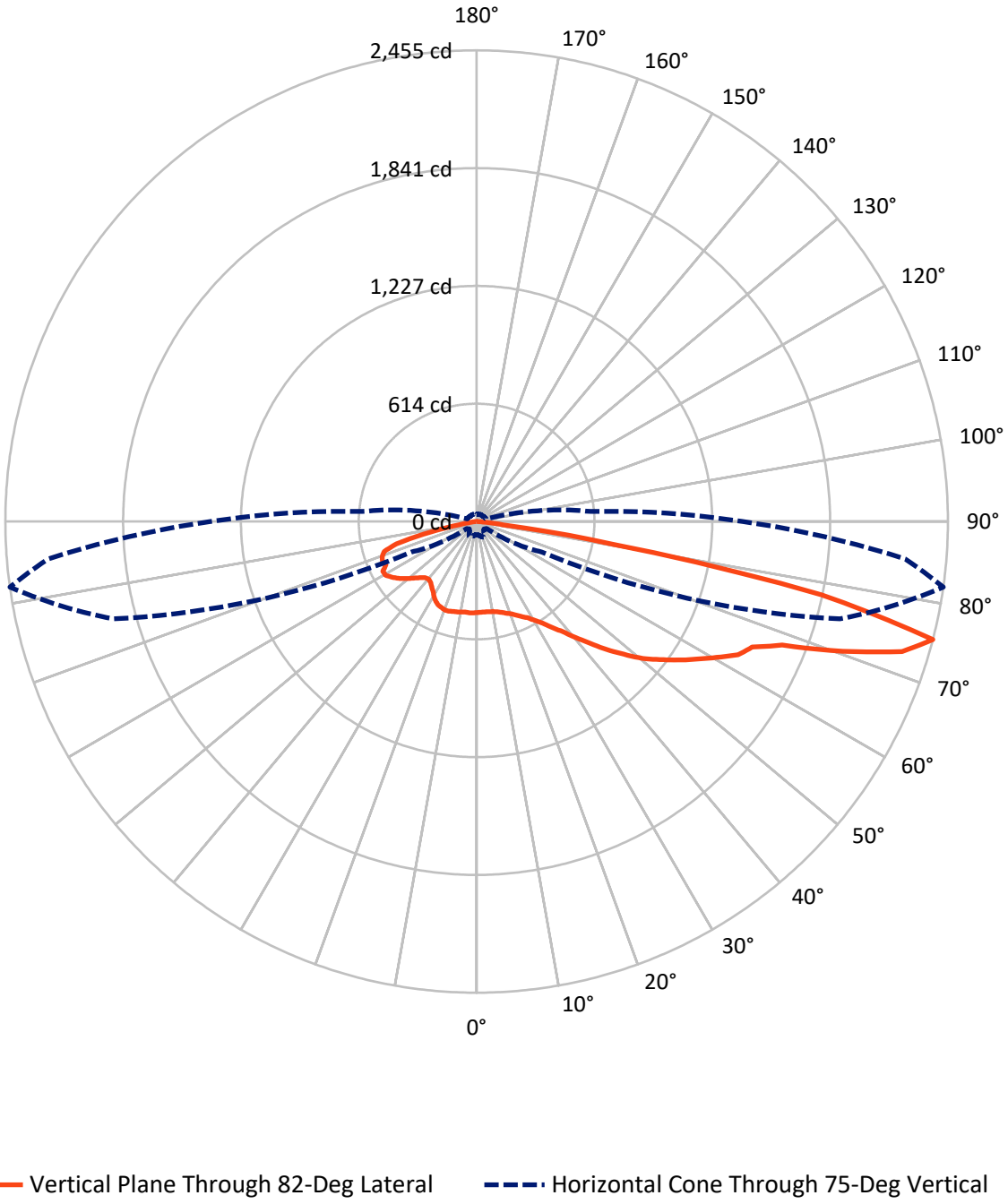
Based on 10 foot mounting height. Maximum calculated value = 4.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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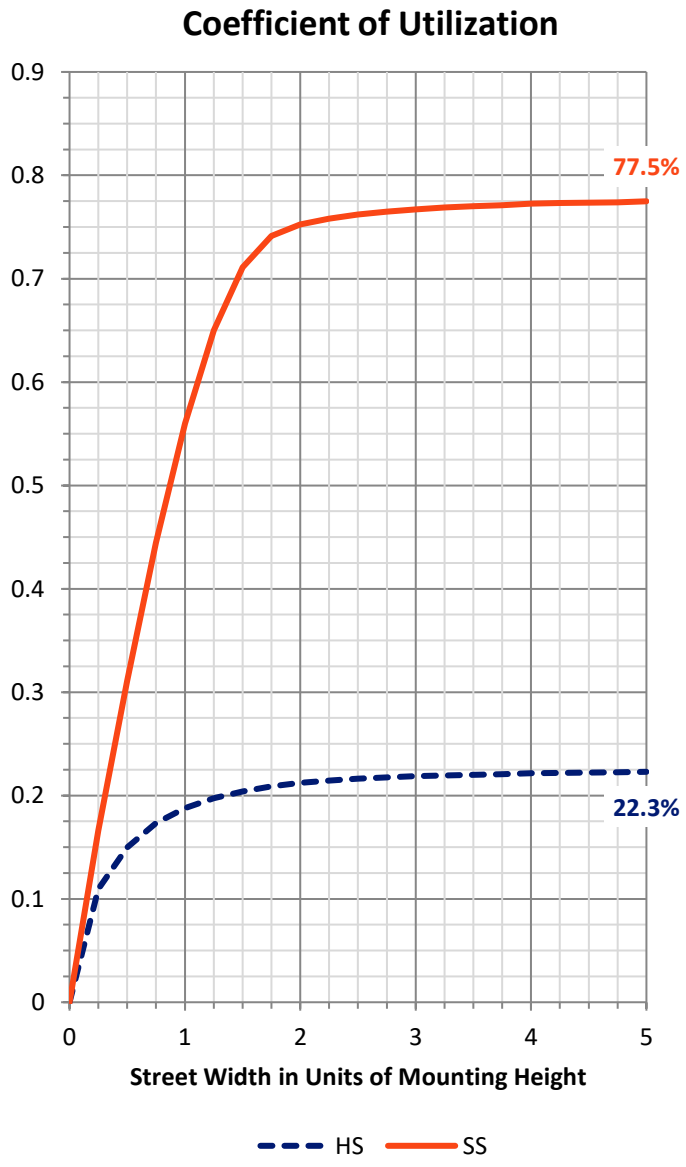
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	474.4	0.0	474.4
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	1636.5	0.0	1636.5
	% Fixture	77.5	0.0	77.5
Total	Lumens	2110.9	0.0	2110.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	2.0
10°-20°	96.6	4.6
20°-30°	151.9	7.2
30°-40°	232.0	11.0
40°-50°	338.8	16.1
50°-60°	450.2	21.3
60°-70°	453.0	21.5
70°-80°	320.0	15.2
80°-90°	27.0	1.3
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°	2110.9	100.0
0°-180°	2110.9	100.0



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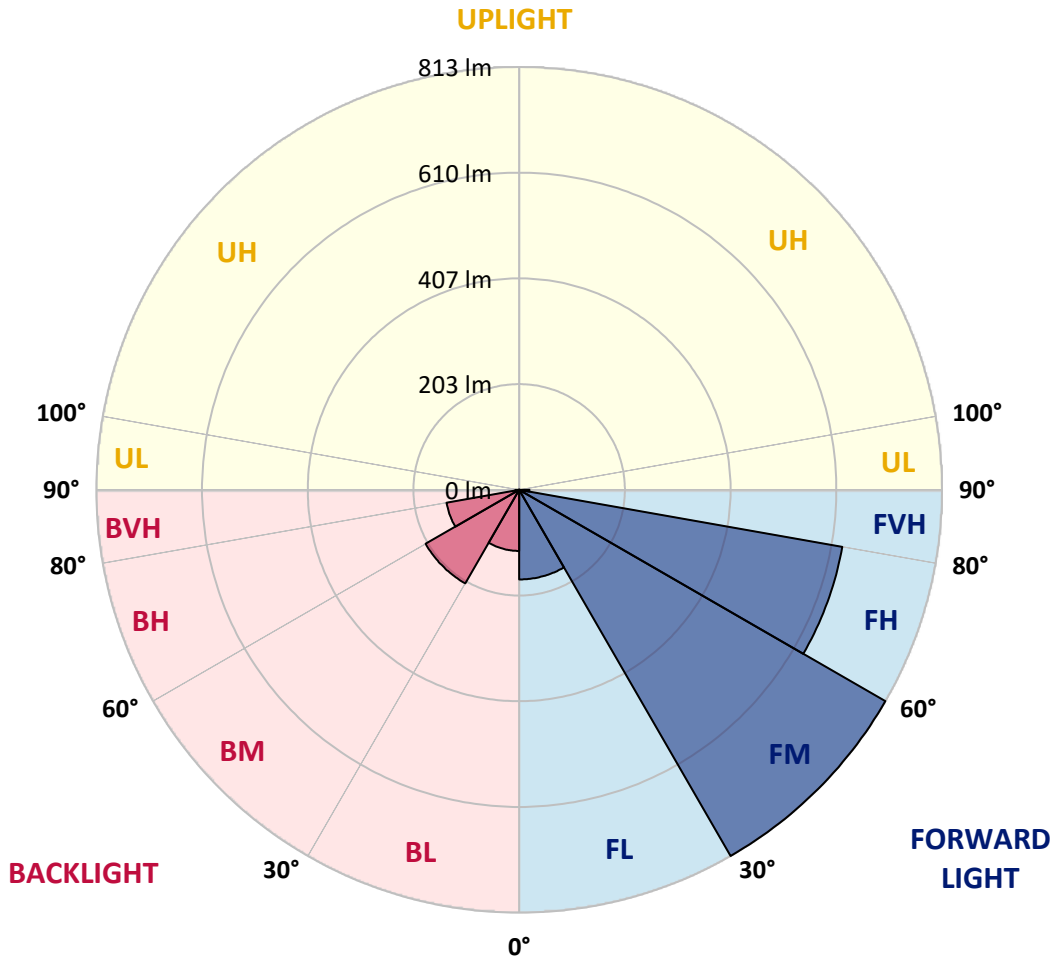
Scaled Data Report

REPORT NUMBER: P1704728
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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°)	172.4	8.2			
FM	(30°-60°)	813.3	38.5			
FH	(60°-80°)	631.0	29.9			G0/660
FVH	(80°-90°)	19.8	0.9			G1/100
BL	(0°-30°)	117.6	5.6	B1/500		
BM	(30°-60°)	207.7	9.8	B0/220		
BH	(60°-80°)	141.9	6.7	B1/500		G1/500
BVH	(80°-90°)	7.2	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1	*474.1*	474.1
2.5°	475.1	473.1	471.1	472.1	470.1	472.1	474.1	472.1	473.1	*473.1*	472.1
5°	434.1	431.1	432.1	435.1	447.1	458.1	466.1	467.1	472.1	*473.1*	472.1
7.5°	375.1	373.1	379.1	387.1	401.1	419.1	441.1	461.1	471.1	*474.1*	473.1
10°	324.1	324.1	326.1	336.1	355.1	382.1	411.1	442.1	473.1	*477.1*	479.1
12.5°	309.1	308.1	309.1	313.1	323.1	343.1	387.1	428.1	476.1	*483.1*	484.1
15°	315.1	315.1	312.1	311.1	313.1	326.1	358.1	417.1	474.1	*491.2*	494.2
17.5°	336.1	332.1	329.1	322.1	318.1	321.1	341.1	404.1	473.1	*502.2*	504.2
20°	360.1	359.1	351.1	343.1	332.1	328.1	338.1	395.1	479.1	*513.2*	520.2
22.5°	394.1	392.1	384.1	370.1	355.1	341.1	343.1	382.1	483.1	*530.2*	531.2
25°	431.1	427.1	417.1	402.1	381.1	362.1	352.1	381.1	490.2	*549.2*	553.2
27.5°	471.1	468.1	457.1	437.1	413.1	387.1	369.1	388.1	506.2	*568.2*	575.2
30°	520.2	514.2	498.2	476.1	450.1	414.1	392.1	407.1	527.2	*597.2*	601.2
32.5°	566.2	564.2	548.2	524.2	485.1	443.1	418.1	429.1	552.2	*632.2*	635.2
35°	589.2	588.2	587.2	575.2	527.2	473.1	444.1	457.1	587.2	*678.2*	677.2
37.5°	616.2	616.2	610.2	608.2	576.2	510.2	474.1	488.2	630.2	*727.2*	725.2
40°	641.2	639.2	641.2	639.2	618.2	552.2	502.2	525.2	676.2	*794.2*	787.2
42.5°	669.2	667.2	671.2	667.2	647.2	606.2	535.2	563.2	733.2	*867.3*	861.3
45°	691.2	691.2	696.2	698.2	680.2	645.2	567.2	605.2	794.2	*952.3*	948.3
47.5°	702.2	704.2	717.2	721.2	710.2	671.2	595.2	646.2	852.3	*1033.3*	1034.3
50°	704.2	706.2	724.2	740.2	738.2	684.2	622.2	695.2	918.3	*1121.3*	1119.3
52.5°	694.2	696.2	721.2	754.2	755.2	700.2	653.2	746.2	987.3	*1194.4*	1203.4
55°	686.2	692.2	718.2	766.2	779.2	724.2	695.2	806.2	1057.3	*1273.4*	1282.4
57.5°	600.2	602.2	650.2	729.2	811.2	790.2	756.2	874.3	1140.4	*1352.4*	1360.4
60°	345.1	370.1	454.1	593.2	755.2	872.3	877.3	974.3	1238.4	*1436.4*	1445.4
62.5°	183.1	186.1	201.1	290.1	555.2	835.3	1037.3	1152.4	1372.4	*1528.5*	1526.5
65°	162.0	163.1	165.1	158.0	211.1	598.2	1017.3	1353.4	1534.5	*1577.5*	1550.5
67.5°	148.0	149.0	152.0	138.0	118.0	232.1	732.2	1412.4	1824.6	*1716.5*	1647.5
70°	131.0	134.0	139.0	126.0	95.0	95.0	346.1	1225.4	2147.7	*2023.6*	1872.6
72.5°	105.0	108.0	120.0	114.0	79.0	70.0	115.0	817.3	2184.7	*2316.7*	2088.6
75°	*68.0*	*69.0*	*79.0*	*90.0*	*64.0*	*54.0*	*65.0*	*376.1*	*1958.6*	*2454.8*	*2240.7*
77.5°	53.0	53.0	58.0	67.0	45.0	41.0	48.0	134.0	1424.4	*1836.6*	1668.5
80°	37.0	37.0	41.0	48.0	33.0	28.0	33.0	72.0	546.2	*714.2*	626.2
82.5°	18.0	19.0	24.0	27.0	20.0	18.0	19.0	40.0	144.0	*140.0*	119.0
85°	7.0	8.0	10.0	12.0	10.0	9.0	11.0	18.0	30.0	*29.0*	26.0
87.5°	1.0	1.0	1.0	2.0	2.0	2.0	4.0	5.0	7.0	*7.0*	7.0
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-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1	474.1
2.5°	471.1	475.1	478.1	473.1	477.1	473.1	473.1	473.1	469.1	469.1	471.1
5°	472.1	478.1	475.1	469.1	465.1	457.1	453.1	448.1	443.1	443.1	441.1
7.5°	475.1	477.1	472.1	459.1	449.1	434.1	422.1	407.1	396.1	387.1	386.1
10°	481.1	482.1	470.1	452.1	427.1	393.1	350.1	326.1	302.1	290.1	287.1
12.5°	490.2	487.1	469.1	442.1	386.1	328.1	266.1	232.1	215.1	208.1	207.1
15°	498.2	491.2	465.1	418.1	333.1	246.1	211.1	192.1	186.1	184.1	184.1
17.5°	508.2	499.2	464.1	369.1	256.1	207.1	188.1	182.1	179.1	179.1	177.1
20°	520.2	505.2	455.1	318.1	213.1	186.1	180.1	178.1	177.1	176.1	175.1
22.5°	531.2	512.2	421.1	245.1	186.1	175.1	174.1	170.1	168.1	166.1	165.1
25°	544.2	521.2	381.1	202.1	169.1	166.1	161.0	157.0	155.0	153.0	152.0
27.5°	560.2	528.2	326.1	172.1	158.0	157.0	152.0	149.0	149.0	147.0	147.0
30°	577.2	530.2	262.1	154.0	153.0	151.0	150.0	150.0	150.0	150.0	150.0
32.5°	603.2	522.2	209.1	146.0	148.0	147.0	149.0	149.0	151.0	155.0	156.0
35°	631.2	514.2	176.1	138.0	139.0	140.0	141.0	140.0	141.0	145.0	147.0
37.5°	660.2	502.2	154.0	132.0	130.0	132.0	132.0	131.0	129.0	128.0	128.0
40°	695.2	496.2	144.0	131.0	128.0	131.0	129.0	126.0	119.0	113.0	112.0
42.5°	743.2	503.2	141.0	129.0	130.0	132.0	129.0	118.0	107.0	101.0	101.0
45°	800.2	525.2	139.0	129.0	132.0	133.0	123.0	110.0	104.0	97.0	97.0
47.5°	863.3	554.2	142.0	129.0	131.0	132.0	114.0	108.0	101.0	93.0	92.0
50°	930.3	589.2	145.0	126.0	127.0	121.0	112.0	105.0	98.0	91.0	89.0
52.5°	1000.3	627.2	147.0	121.0	119.0	112.0	110.0	104.0	97.0	88.0	87.0
55°	1071.3	663.2	148.0	114.0	113.0	104.0	107.0	104.0	93.0	82.0	79.0
57.5°	1132.3	694.2	147.0	106.0	107.0	97.0	104.0	102.0	88.0	76.0	75.0
60°	1192.4	726.2	142.0	99.0	100.0	91.0	100.0	97.0	83.0	72.0	70.0
62.5°	1229.4	735.2	127.0	92.0	92.0	88.0	95.0	88.0	77.0	66.0	65.0
65°	1211.4	699.2	110.0	84.0	84.0	82.0	86.0	78.0	69.0	60.0	59.0
67.5°	1255.4	720.2	94.0	77.0	76.0	73.0	74.0	67.0	61.0	54.0	54.0
70°	1331.4	719.2	73.0	69.0	66.0	63.0	62.0	58.0	54.0	49.0	48.0
72.5°	1386.4	696.2	62.0	59.0	56.0	51.0	52.0	49.0	46.0	43.0	42.0
75°	*1384.4*	*596.2*	*51.0*	*48.0*	*45.0*	*42.0*	*42.0*	*41.0*	*38.0*	*39.0*	*36.0*
77.5°	957.3	333.1	40.0	37.0	36.0	33.0	33.0	33.0	30.0	31.0	27.0
80°	345.1	122.0	30.0	27.0	26.0	23.0	24.0	24.0	23.0	22.0	21.0
82.5°	59.0	37.0	20.0	18.0	16.0	14.0	15.0	16.0	17.0	26.0	26.0
85°	17.0	14.0	11.0	10.0	8.0	6.0	6.0	8.0	13.0	10.0	10.0
87.5°	7.0	6.0	5.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
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

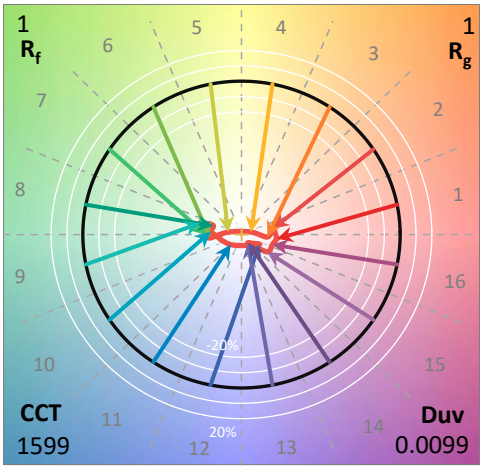
Test Information

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

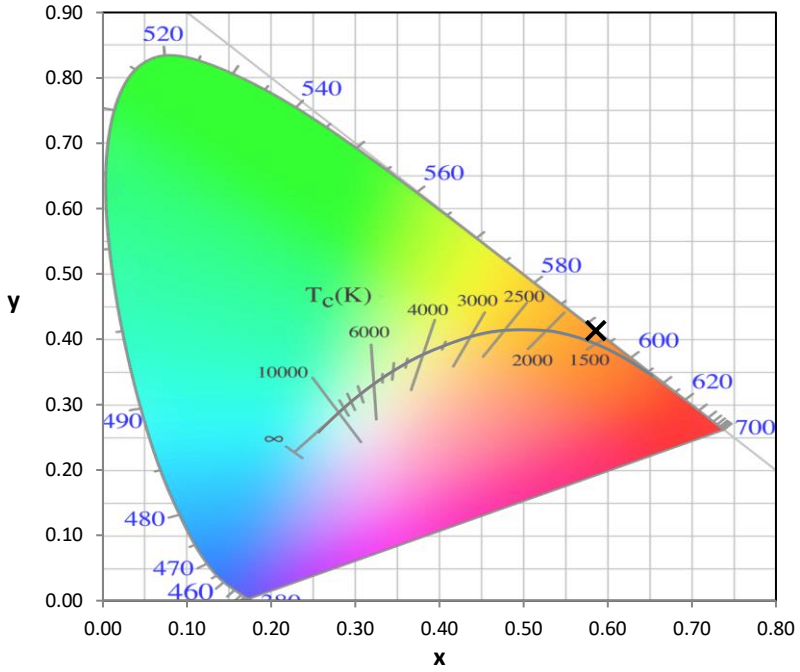
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

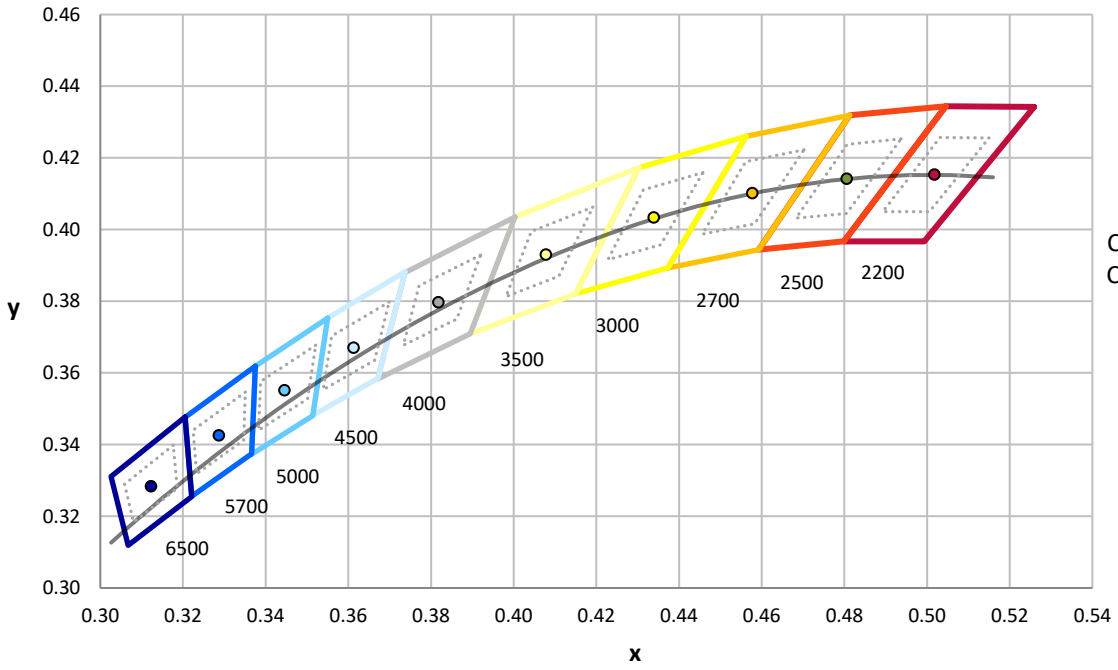
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

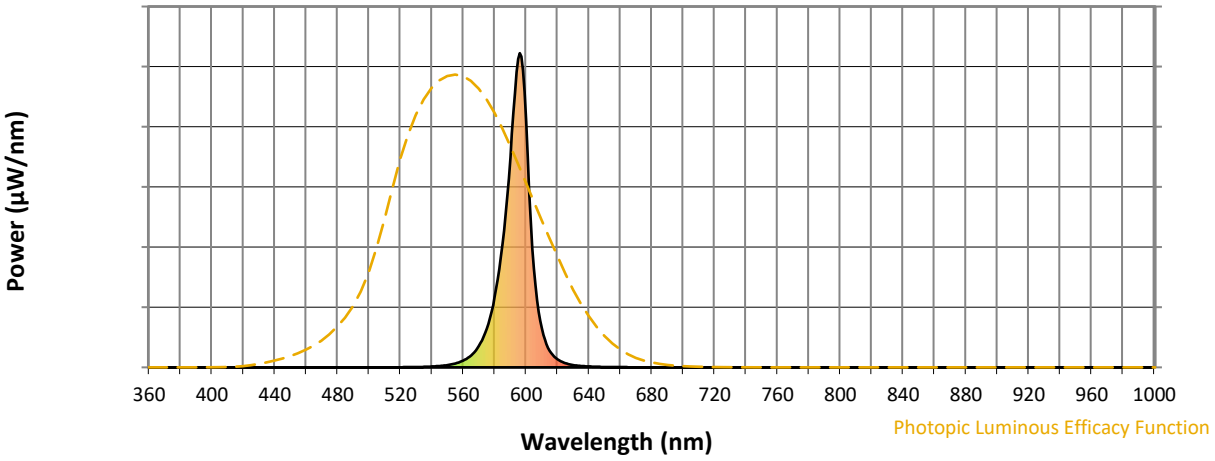


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

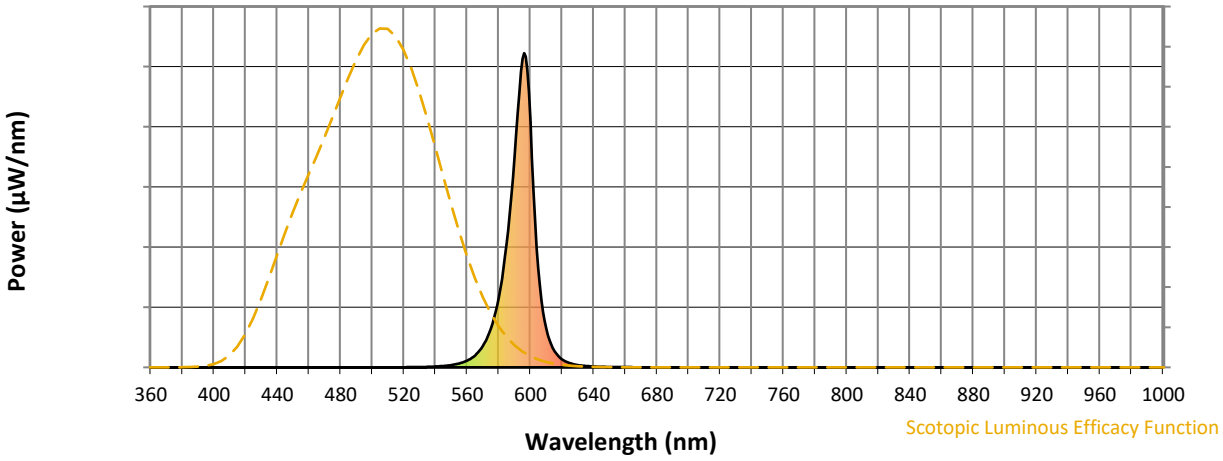


Photopic Lumens: NR

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

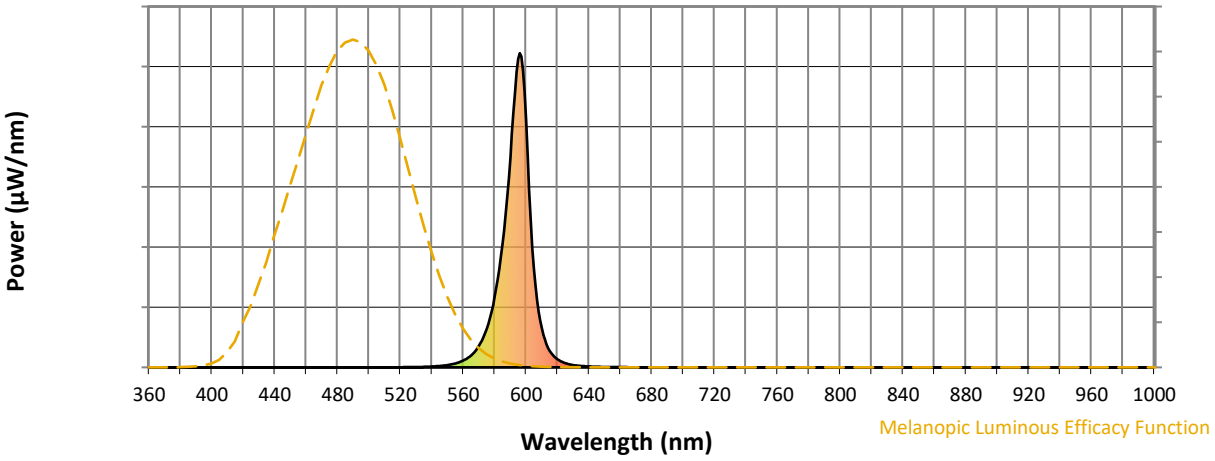


Scotopic Lumens: NR **S/P: 0.23**

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			

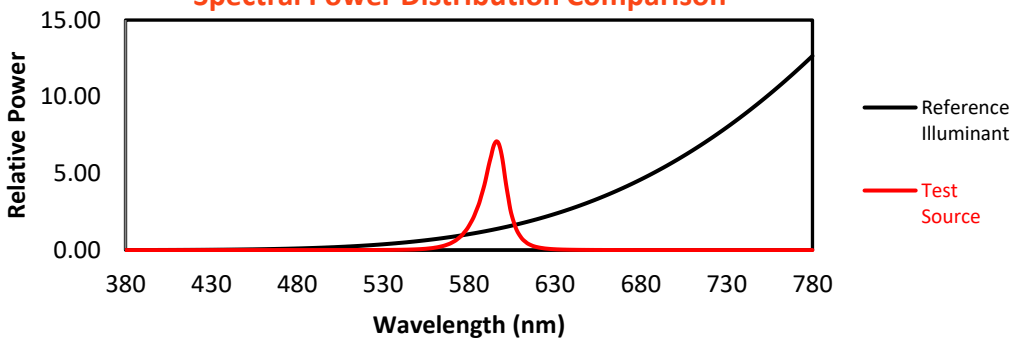
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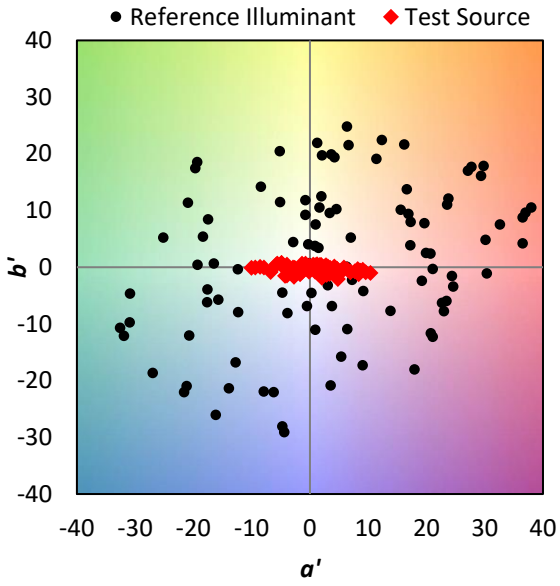
Summary

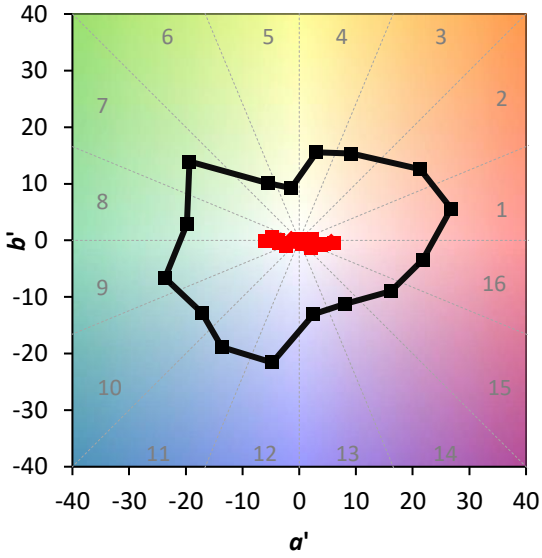
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

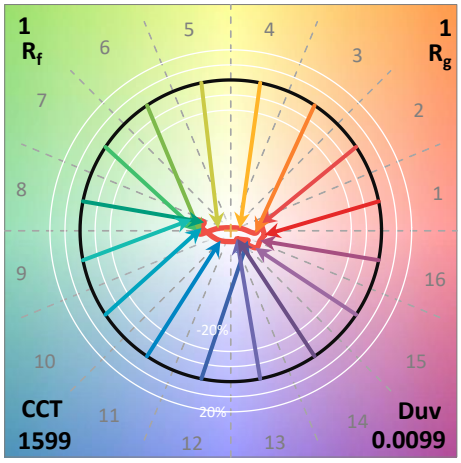
Spectral Power Distribution Comparison

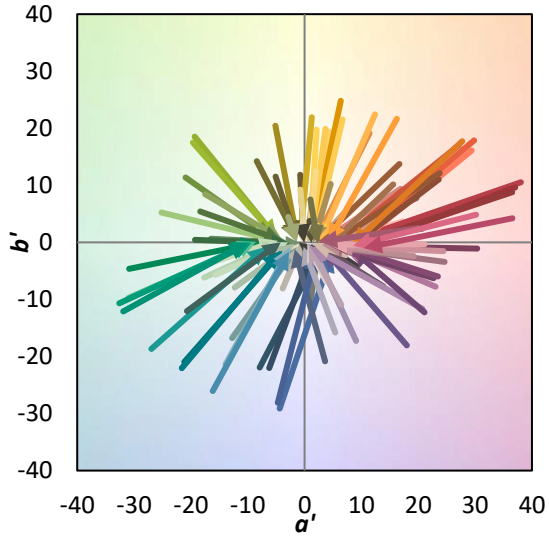


Color Vector Graphics







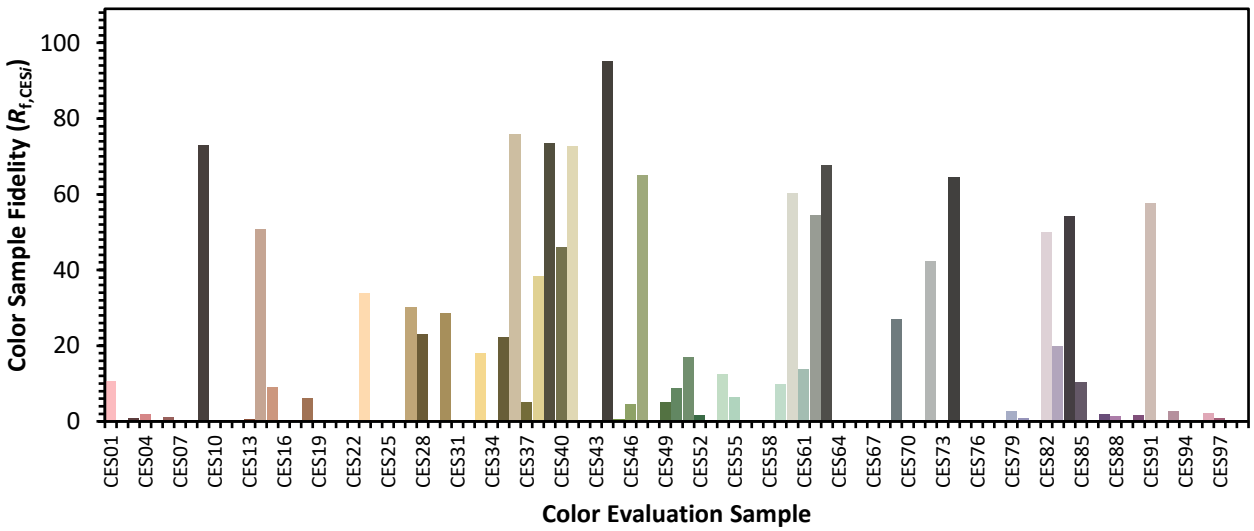


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Individual Sample Fidelity Index ($R_{f,i}$)

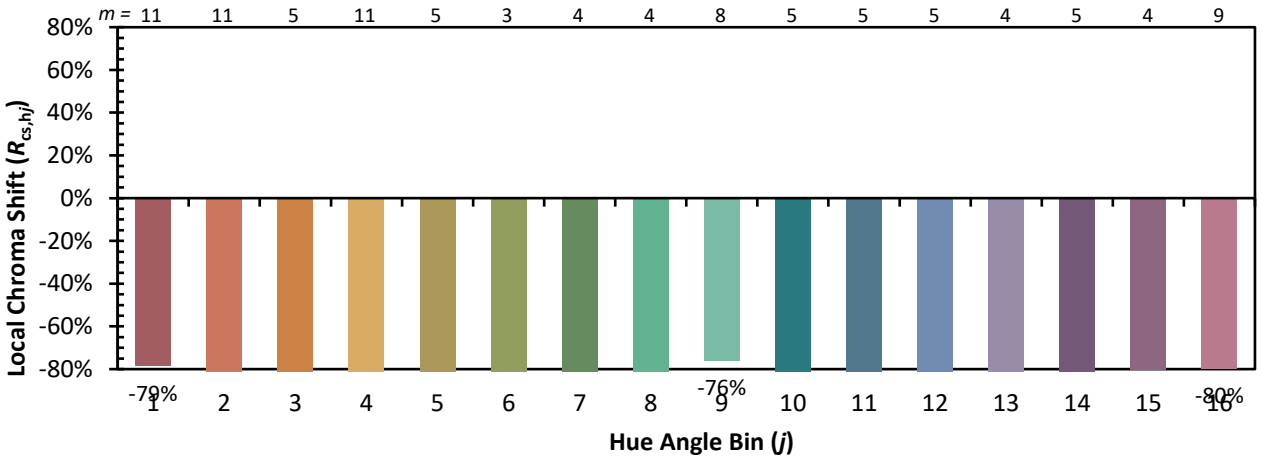
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 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	

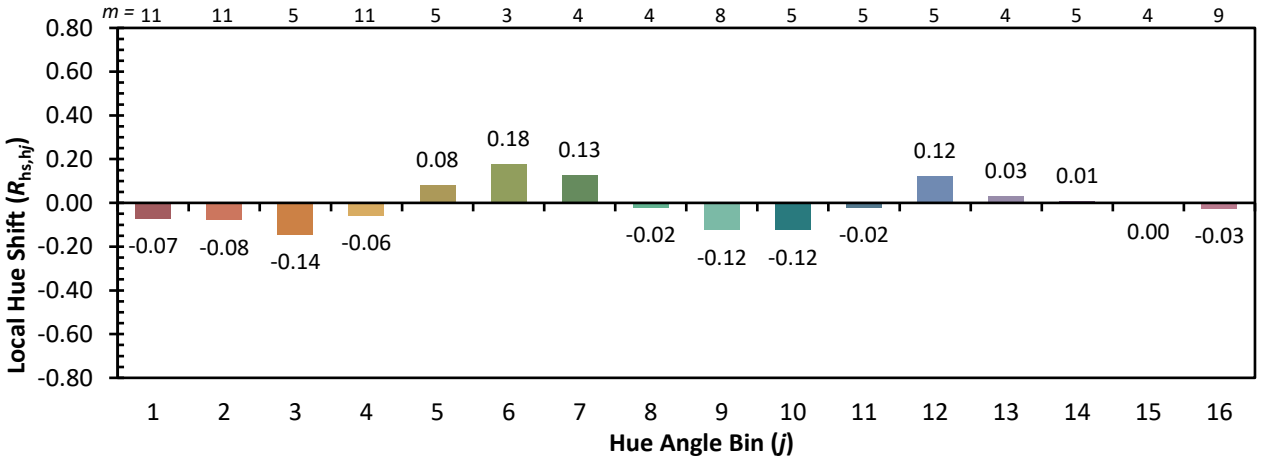


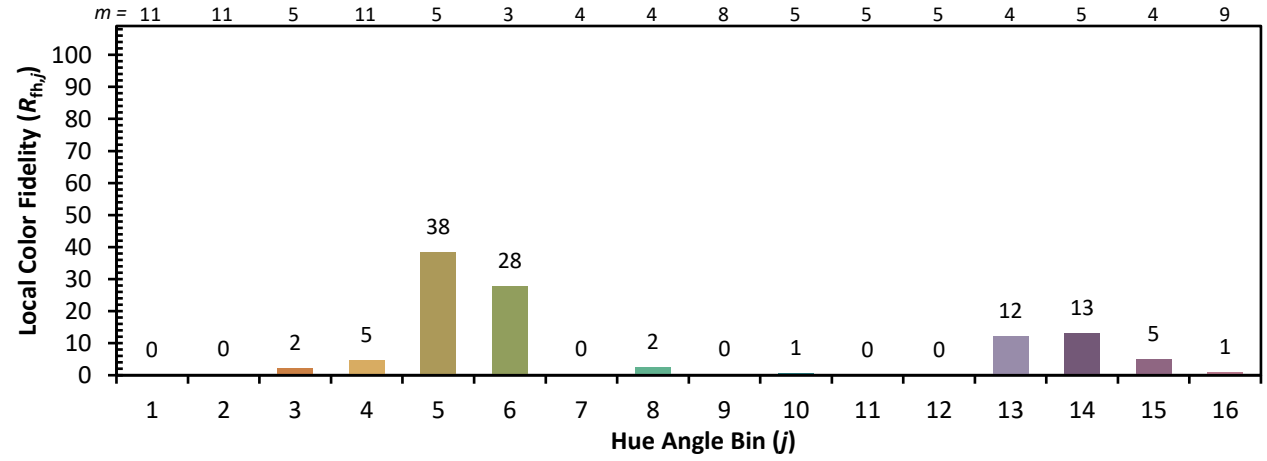
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Color Rendition by Hue-Angle Bin



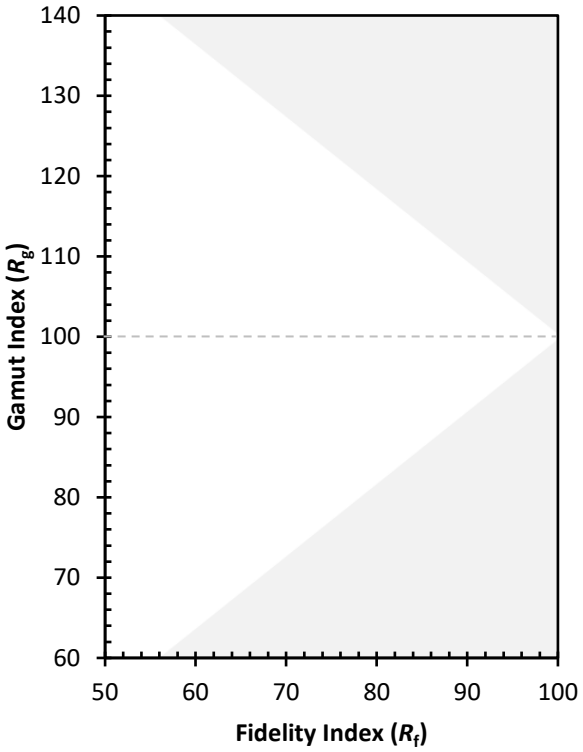


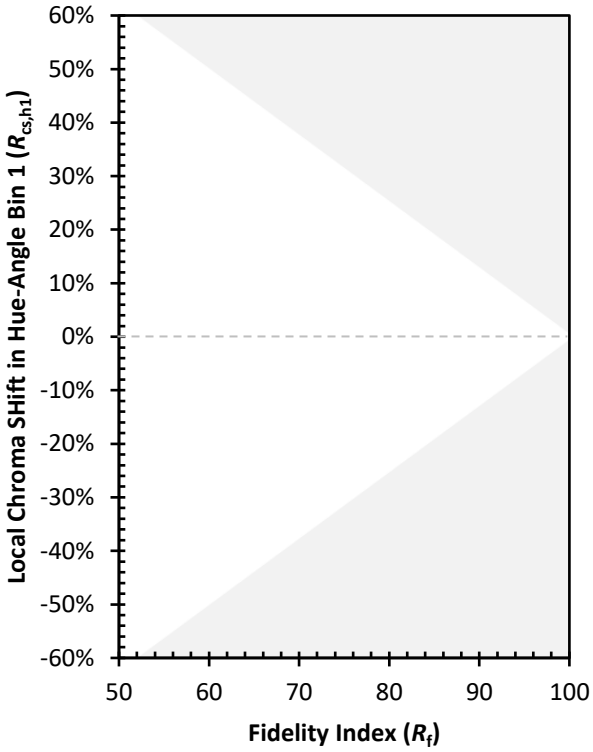


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Measure Comparisons





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