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: P1704731

Luminaire Tested: GSS-SB4A-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:	P1704731
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-AMB-U-SL3
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T3 SPILL CONTROL DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7826 lumens
Efficiency:	N/A
Efficacy:	60.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	130.1
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

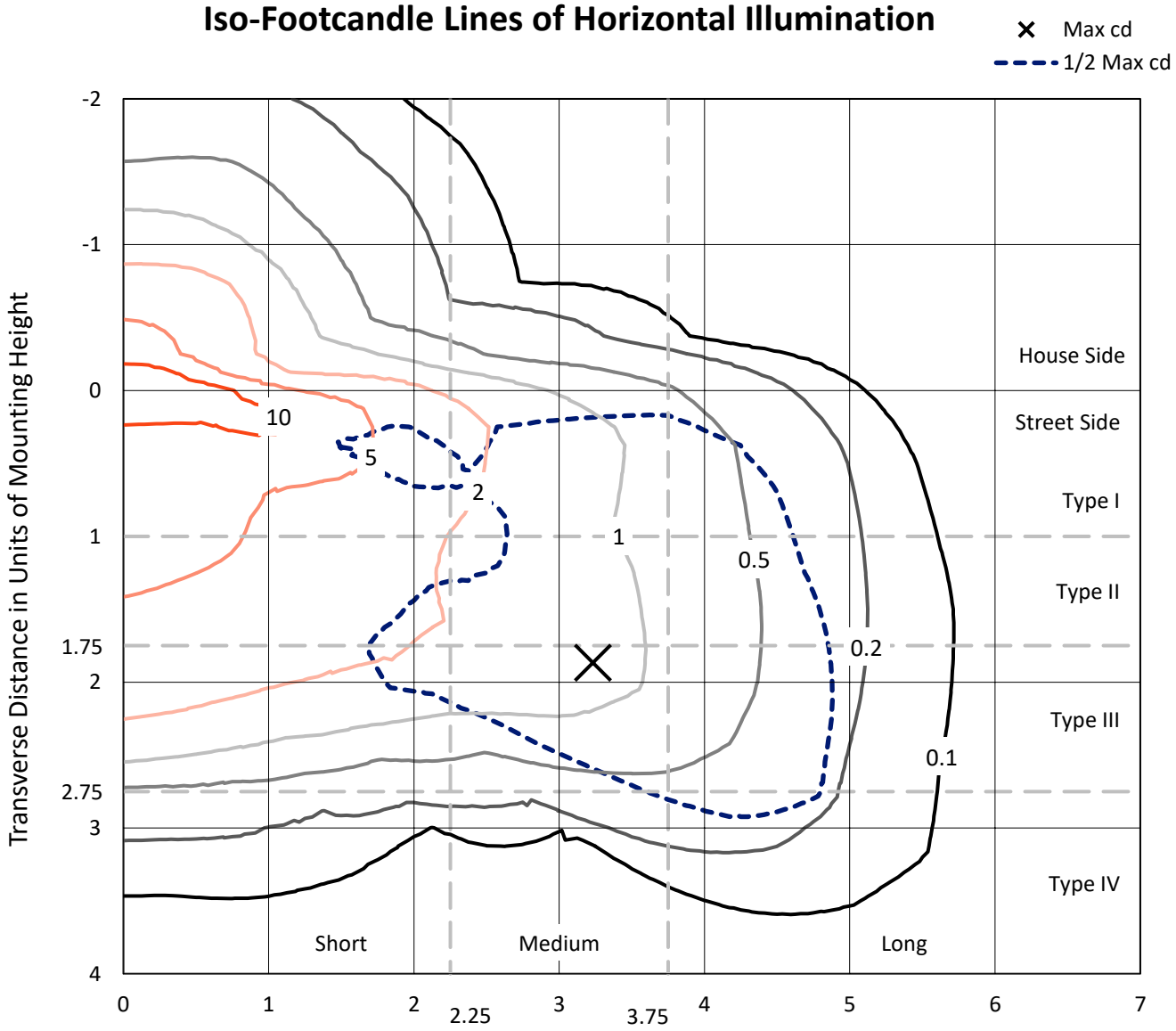


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



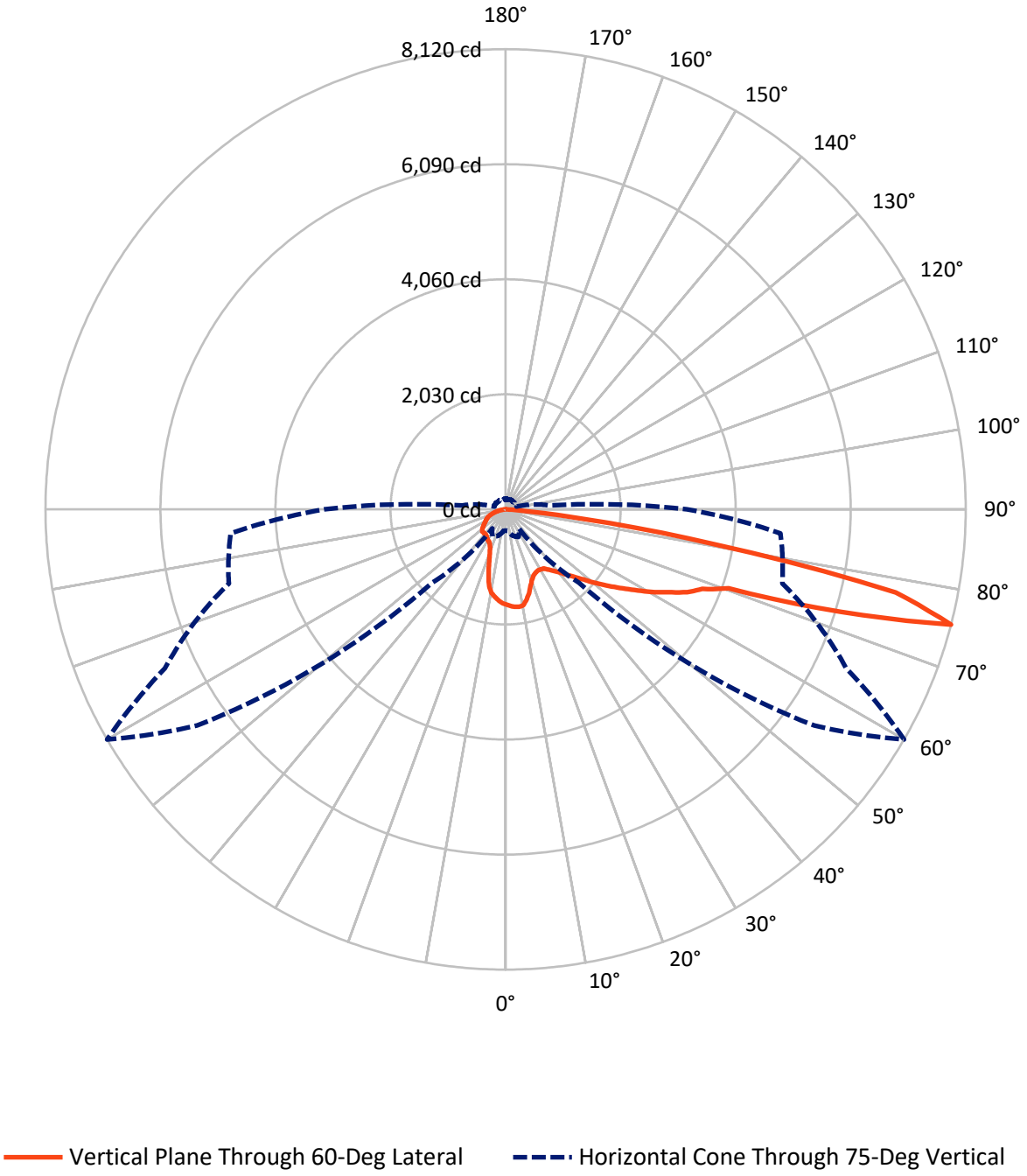
Based on 10 foot mounting height. Maximum calculated value = 16.8 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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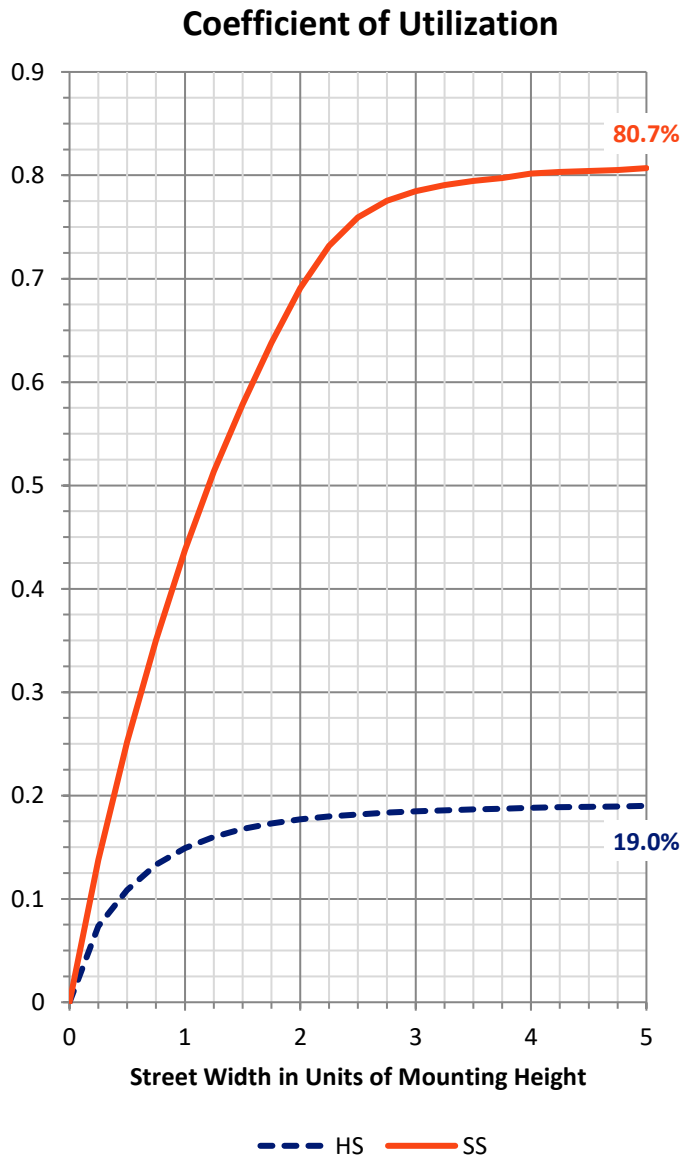
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1499.4	0.0	1499.4
	% Fixture	19.2	0.0	19.2
Street Side	Lumens	6326.6	0.0	6326.6
	% Fixture	80.8	0.0	80.8
Total	Lumens	7826.0	0.0	7826.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.8	1.9
10°-20°	342.0	4.4
20°-30°	506.2	6.5
30°-40°	727.9	9.3
40°-50°	1064.2	13.6
50°-60°	1439.0	18.4
60°-70°	1842.7	23.5
70°-80°	1576.7	20.1
80°-90°	178.5	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°	7826.0	100.0
0°-180°	7826.0	100.0



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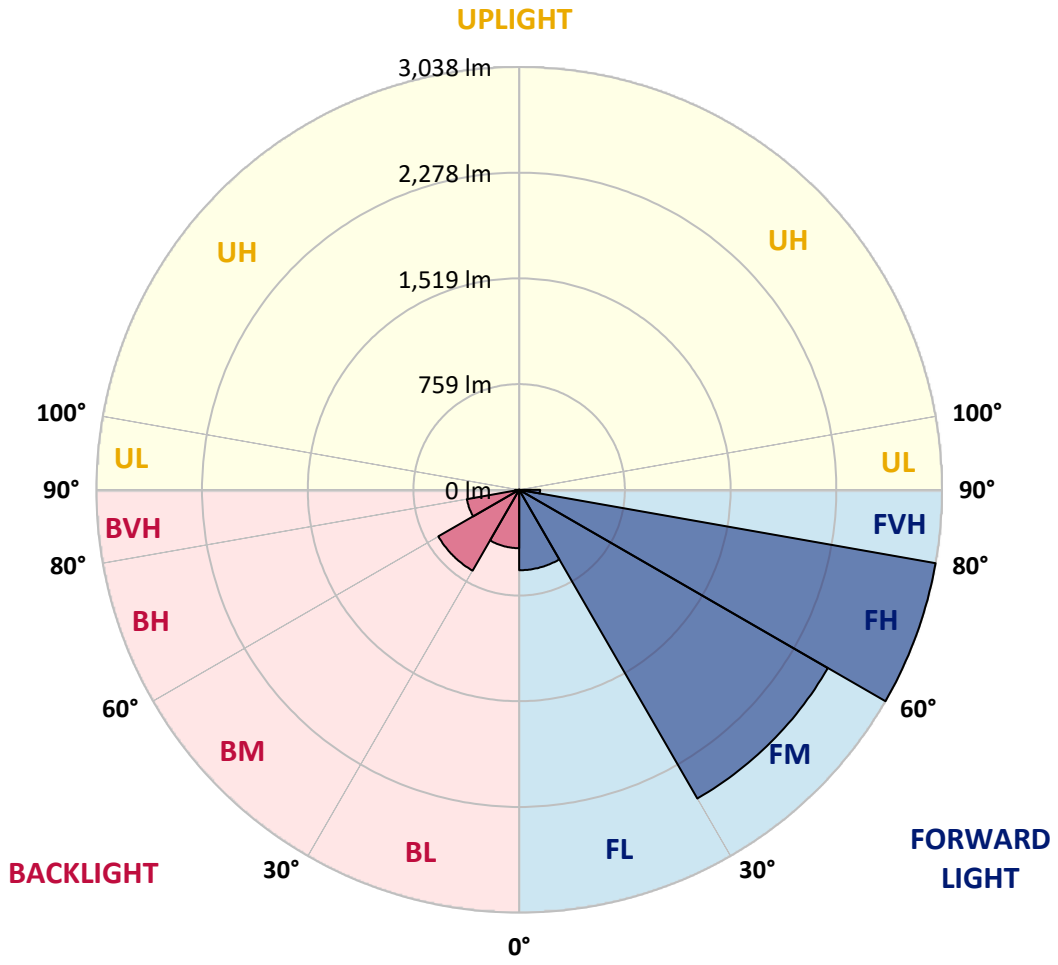
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	577.7	7.4			
FM	(30°-60°)	2560.8	32.7			
FH	(60°-80°)	3037.9	38.8			G2/5000
FVH	(80°-90°)	150.3	1.9			G2/225
BL	(0°-30°)	419.3	5.4	B1/500		
BM	(30°-60°)	670.3	8.6	B1/1000		
BH	(60°-80°)	381.6	4.9	B1/500		G1/500
BVH	(80°-90°)	28.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	*1676.0*	1676.0	1676.0	1676.0
2.5°	1731.2	1723.3	1715.4	1715.4	1715.4	1715.4	1711.5	*1707.5*	1703.6	1695.7	1687.8
5°	1683.9	1679.9	1687.8	1691.8	1707.5	1719.4	1723.3	*1727.3*	1723.3	1727.3	1703.6
7.5°	1455.2	1447.3	1470.9	1522.2	1589.2	1672.1	1715.4	*1735.2*	1735.2	1747.0	1727.3
10°	1194.9	1202.8	1218.5	1261.9	1364.5	1502.5	1648.4	*1719.4*	1731.2	1766.7	1754.9
12.5°	1064.8	1072.6	1080.5	1116.0	1187.0	1305.3	1526.1	*1636.6*	1731.2	1790.4	1782.5
15°	1009.5	1005.6	1013.5	1037.1	1092.4	1187.0	1396.0	*1541.9*	1672.1	1821.9	1821.9
17.5°	993.8	989.8	993.8	997.7	1037.1	1112.1	1273.8	*1423.6*	1616.8	1869.2	1865.3
20°	1013.5	1009.5	1001.7	1005.6	1013.5	1068.7	1202.8	*1329.0*	1553.7	1896.8	1896.8
22.5°	1049.0	1045.0	1029.3	1025.3	1021.4	1045.0	1155.5	*1265.9*	1490.7	1940.2	1944.2
25°	1104.2	1100.2	1080.5	1064.8	1052.9	1052.9	1135.7	*1234.3*	1435.4	1983.6	1991.5
27.5°	1202.8	1194.9	1155.5	1123.9	1088.4	1080.5	1131.8	*1218.5*	1411.8	2042.7	2034.9
30°	1360.5	1344.7	1277.7	1218.5	1155.5	1120.0	1159.4	*1226.4*	1400.0	2109.8	2078.2
32.5°	1561.6	1545.9	1474.9	1360.5	1246.2	1171.2	1194.9	*1242.2*	1415.7	2208.4	2153.2
35°	1660.2	1644.4	1609.0	1557.7	1392.1	1258.0	1246.2	*1305.3*	1463.0	2342.5	2236.0
37.5°	1743.0	1731.2	1676.0	1648.4	1565.6	1364.5	1317.1	*1376.3*	1534.0	2500.2	2334.6
40°	1920.5	1896.8	1818.0	1731.2	1707.5	1538.0	1403.9	*1459.1*	1636.6	2701.3	2488.4
42.5°	2078.2	2058.5	1975.7	1900.8	1794.3	1750.9	1522.2	*1573.5*	1766.7	2945.8	2657.9
45°	2224.1	2204.4	2113.7	2046.7	1940.2	1912.6	1648.4	*1695.7*	1916.6	3194.3	2863.0
47.5°	2381.9	2354.3	2259.6	2176.8	2090.1	1936.3	1762.8	*1845.6*	2098.0	3450.6	3052.3
50°	2448.9	2413.4	2366.1	2295.1	2220.2	1987.5	1885.0	*2030.9*	2326.7	3695.1	3221.9
52.5°	2500.2	2448.9	2354.3	2358.2	2314.8	2046.7	2030.9	*2228.1*	2547.5	3900.1	3383.5
55°	2602.7	2547.5	2409.5	2366.1	2370.1	2121.6	2216.3	*2445.0*	2756.5	4053.9	3533.4
57.5°	2744.7	2669.8	2476.5	2389.8	2385.8	2232.0	2445.0	*2681.6*	2973.4	4156.5	3714.8
60°	2989.2	2894.5	2650.0	2543.6	2464.7	2393.7	2705.3	*2957.6*	3206.1	4235.3	3872.5
62.5°	3182.4	3103.6	2902.4	2835.4	2705.3	2650.0	2977.4	*3217.9*	3430.9	4306.3	4006.6
65°	3214.0	3099.6	2993.1	3123.3	3292.8	3044.4	3348.1	*3521.6*	3624.1	4231.4	3912.0
67.5°	2705.3	2594.8	2642.2	2886.7	3497.9	4105.2	3856.8	*3746.3*	3608.3	4053.9	3943.5
70°	1088.4	1088.4	1289.5	1888.9	2906.4	4539.0	4945.2	*4176.2*	3742.4	4148.6	4117.0
72.5°	587.6	591.5	686.2	721.7	1415.7	3478.2	6704.0	*6183.4*	4688.8	4404.9	4483.8
75°	*374.6*	*378.6*	*477.2*	*536.3*	*410.1*	*1829.8*	*6648.8*	*8119.7*	*6633.0*	*5055.6*	*4870.3*
77.5°	264.2	264.2	335.2	422.0	248.4	457.4	5205.5	*7039.2*	7125.9	4862.4	3710.9
80°	177.5	181.4	228.7	299.7	173.5	201.1	3139.0	*3742.4*	3198.2	2476.5	1392.1
82.5°	106.5	106.5	126.2	153.8	110.4	114.4	737.4	*1372.3*	1001.7	532.4	216.9
85°	47.3	47.3	63.1	71.0	47.3	51.3	106.5	*244.5*	193.2	94.6	74.9
87.5°	3.9	3.9	3.9	11.8	11.8	11.8	19.7	*19.7*	23.7	23.7	23.7
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: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0	1676.0
2.5°	1679.9	1672.1	1672.1	1656.3	1648.4	1632.6	1628.7	1616.8	1612.9	1616.8	1620.8
5°	1695.7	1683.9	1652.3	1620.8	1593.2	1565.6	1538.0	1510.4	1498.5	1498.5	1498.5
7.5°	1703.6	1683.9	1640.5	1581.4	1526.1	1474.9	1415.7	1380.2	1317.1	1305.3	1277.7
10°	1719.4	1703.6	1628.7	1534.0	1455.2	1317.1	1131.8	1013.5	926.7	903.1	891.2
12.5°	1747.0	1711.5	1612.9	1494.6	1289.5	1013.5	851.8	784.8	757.2	749.3	749.3
15°	1786.4	1727.3	1597.1	1376.3	1009.5	816.3	749.3	733.5	733.5	733.5	733.5
17.5°	1814.0	1747.0	1569.5	1163.3	824.2	745.3	733.5	737.4	741.4	745.3	741.4
20°	1841.6	1747.0	1490.7	922.8	737.4	721.7	733.5	745.3	753.2	761.1	765.0
22.5°	1865.3	1743.0	1317.1	765.0	694.1	705.9	721.7	737.4	749.3	749.3	749.3
25°	1881.1	1735.2	1076.6	674.3	666.5	694.1	705.9	705.9	701.9	698.0	701.9
27.5°	1900.8	1715.4	824.2	631.0	650.7	678.3	682.2	670.4	666.5	662.5	666.5
30°	1900.8	1640.5	686.2	611.2	642.8	674.3	654.6	650.7	642.8	638.9	638.9
32.5°	1940.2	1482.8	603.4	591.5	627.0	631.0	634.9	627.0	615.2	615.2	615.2
35°	1987.5	1254.0	548.1	575.8	611.2	595.5	603.4	599.4	587.6	583.6	587.6
37.5°	1991.5	966.2	524.5	556.0	579.7	583.6	579.7	567.9	548.1	536.3	540.3
40°	1959.9	765.0	508.7	552.1	575.8	587.6	575.8	552.1	516.6	477.2	477.2
42.5°	1861.3	698.0	512.7	552.1	579.7	591.5	575.8	520.5	469.3	437.7	437.7
45°	1802.2	674.3	520.5	548.1	583.6	599.4	552.1	489.0	465.3	441.7	441.7
47.5°	1806.1	701.9	532.4	552.1	575.8	587.6	504.8	485.1	469.3	481.1	492.9
50°	1896.8	757.2	540.3	536.3	544.2	524.5	473.2	457.4	433.8	422.0	425.9
52.5°	2034.9	828.1	532.4	512.7	500.8	469.3	445.6	429.8	406.2	382.5	374.6
55°	2188.7	907.0	504.8	473.2	469.3	433.8	425.9	410.1	386.5	354.9	347.0
57.5°	2330.6	966.2	465.3	445.6	437.7	406.2	418.0	414.1	370.7	327.3	319.4
60°	2504.1	1017.4	429.8	414.1	406.2	390.4	406.2	406.2	351.0	303.7	295.8
62.5°	2622.4	1056.9	390.4	390.4	378.6	366.7	386.5	378.6	327.3	280.0	276.0
65°	2575.1	997.7	354.9	358.9	358.9	339.1	354.9	339.1	295.8	260.3	260.3
67.5°	2697.4	1029.3	311.5	323.4	335.2	307.6	311.5	299.7	264.2	240.6	240.6
70°	2819.6	997.7	276.0	287.9	295.8	260.3	272.1	260.3	236.6	224.8	216.9
72.5°	3099.6	1009.5	240.6	248.4	252.4	220.8	232.7	228.7	209.0	201.1	197.2
75°	*3198.2*	*788.7*	*201.1*	*205.1*	*205.1*	*185.3*	*193.2*	*193.2*	*177.5*	*189.3*	*165.6*
77.5°	2243.9	394.4	161.7	161.7	161.7	149.9	153.8	149.9	138.0	142.0	130.1
80°	769.0	165.6	122.2	118.3	122.2	114.4	114.4	110.4	98.6	98.6	98.6
82.5°	138.0	94.6	86.8	82.8	78.9	71.0	74.9	71.0	82.8	110.4	106.5
85°	51.3	47.3	43.4	43.4	39.4	31.5	35.5	43.4	55.2	43.4	43.4
87.5°	23.7	23.7	19.7	15.8	11.8	11.8	7.9	7.9	7.9	7.9	7.9
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

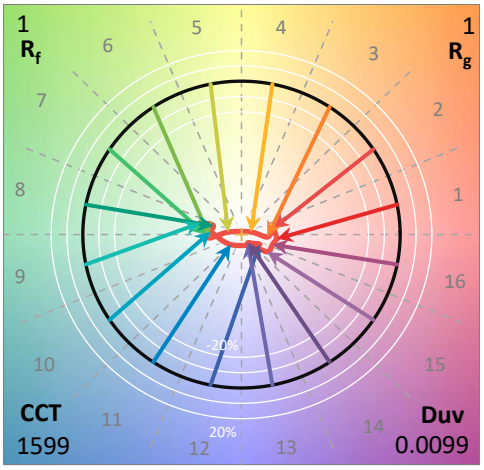
Test Information

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

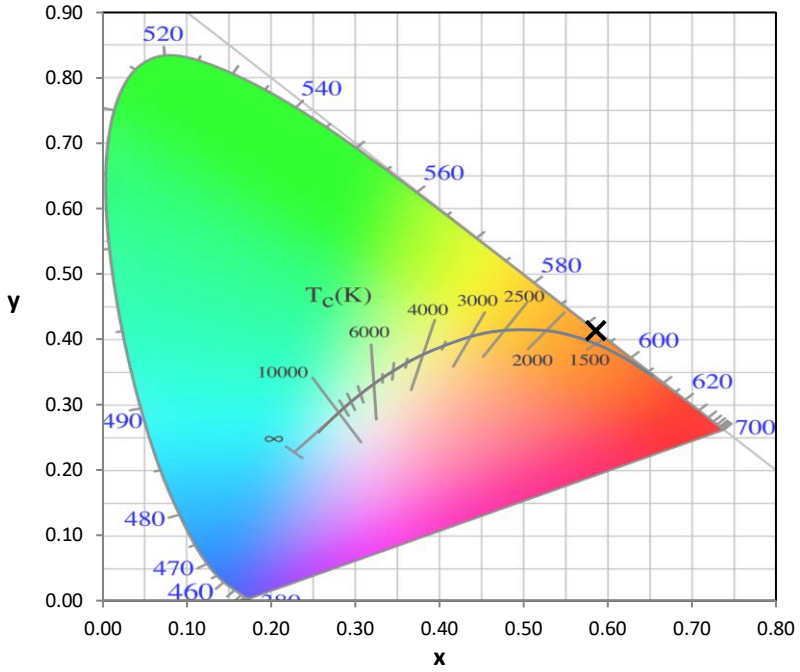
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

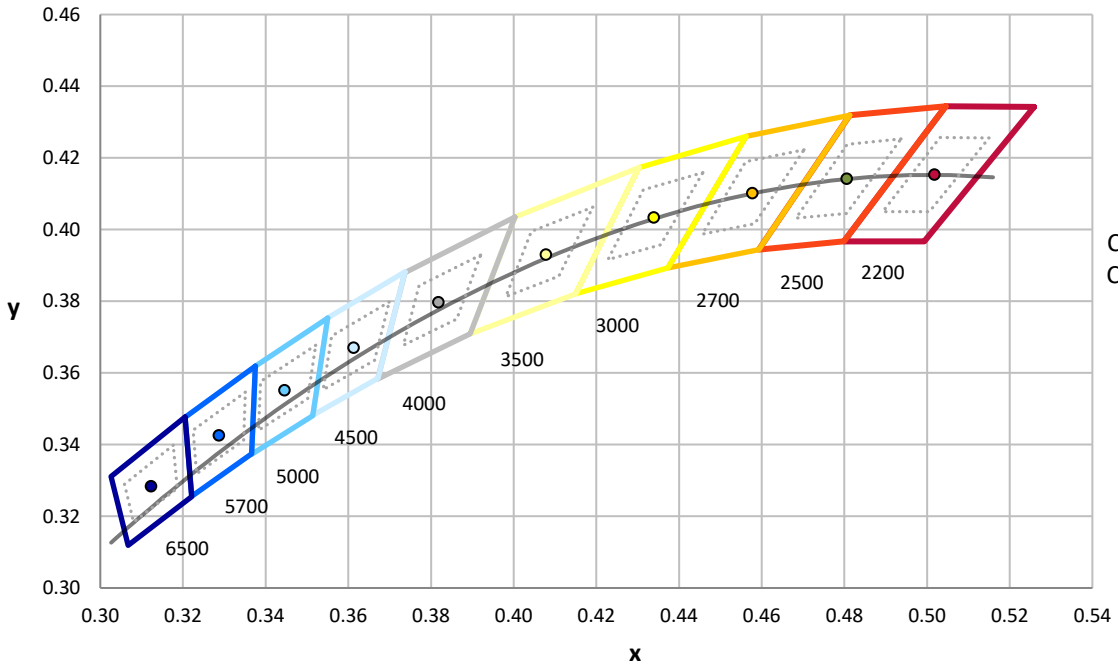
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

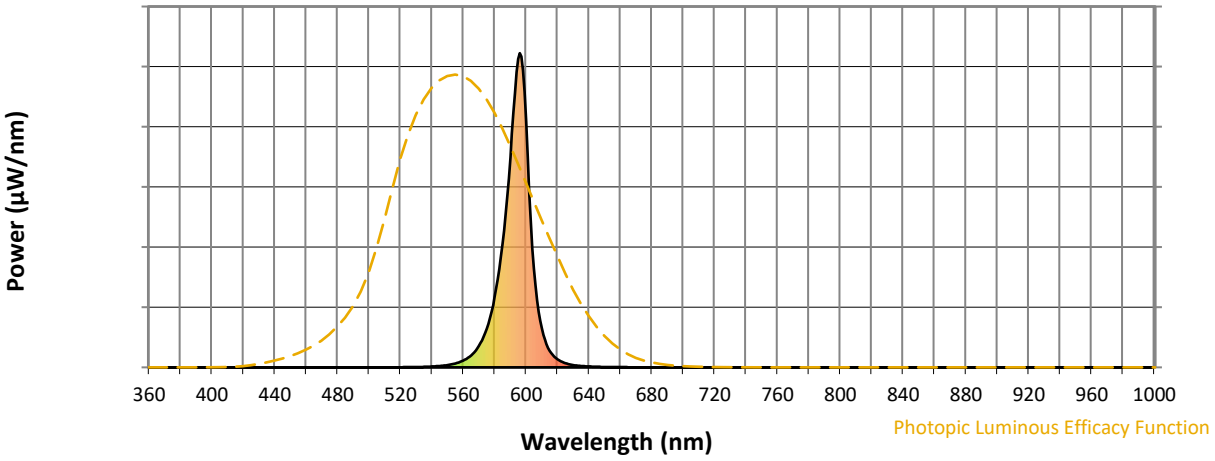


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

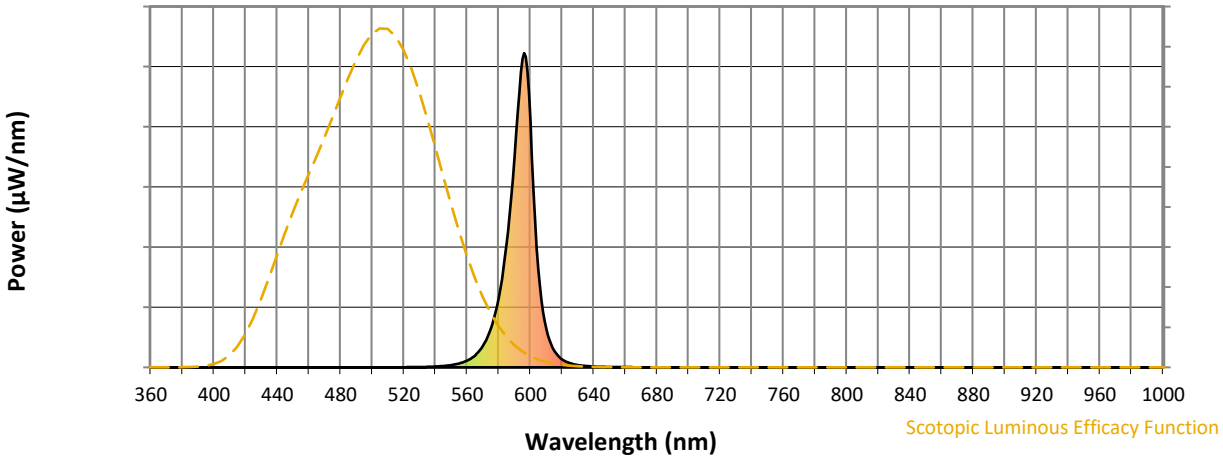


Photopic Lumens: NR

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

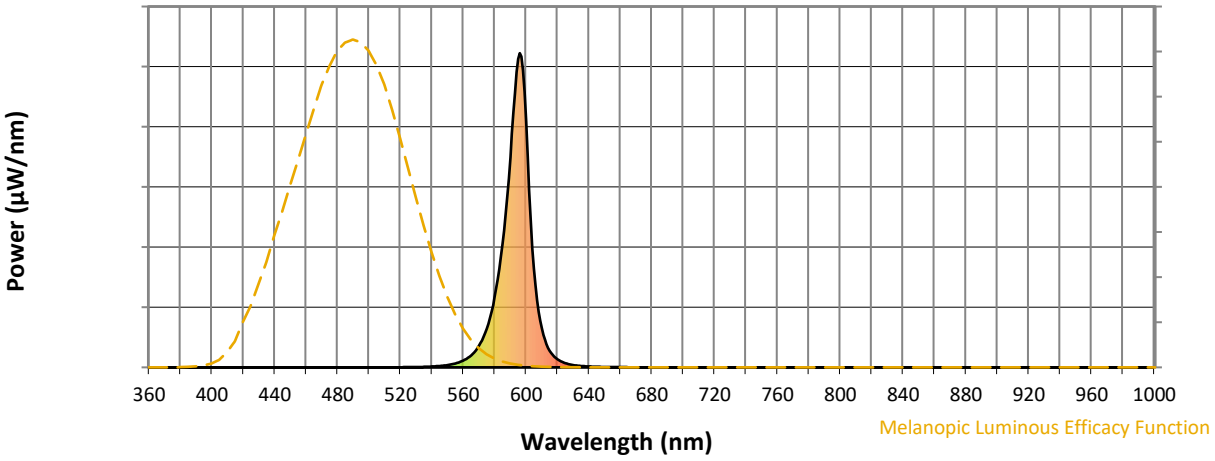


Scotopic Lumens: NR **S/P: 0.23**

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			

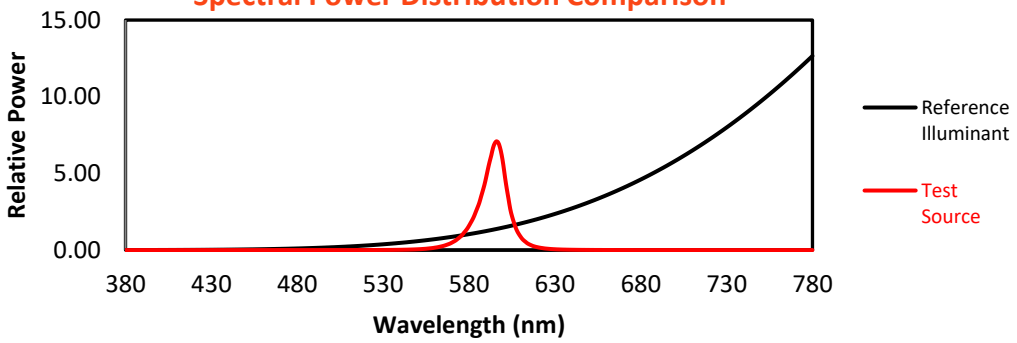
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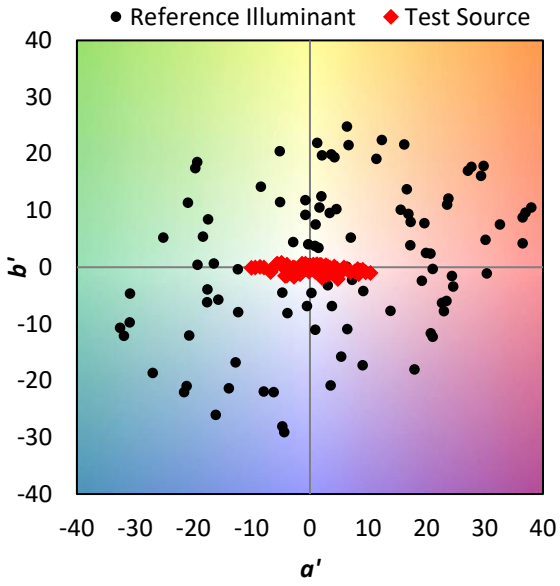
Summary

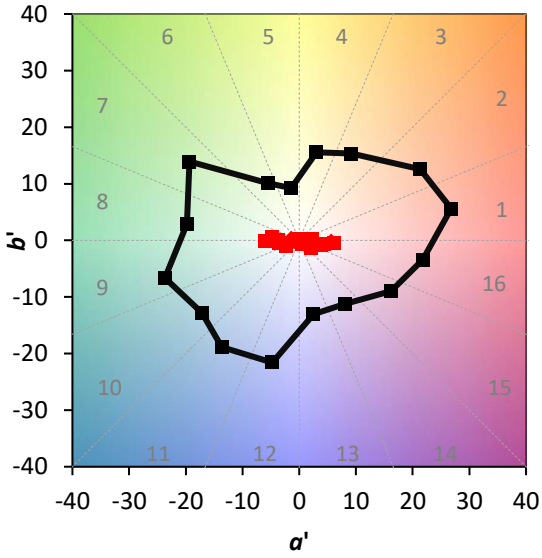
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

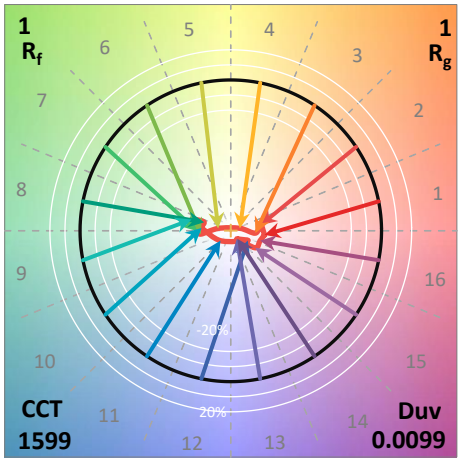
Spectral Power Distribution Comparison

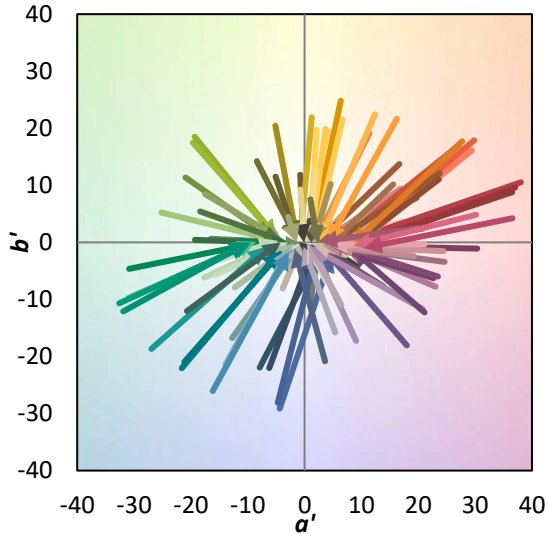


Color Vector Graphics







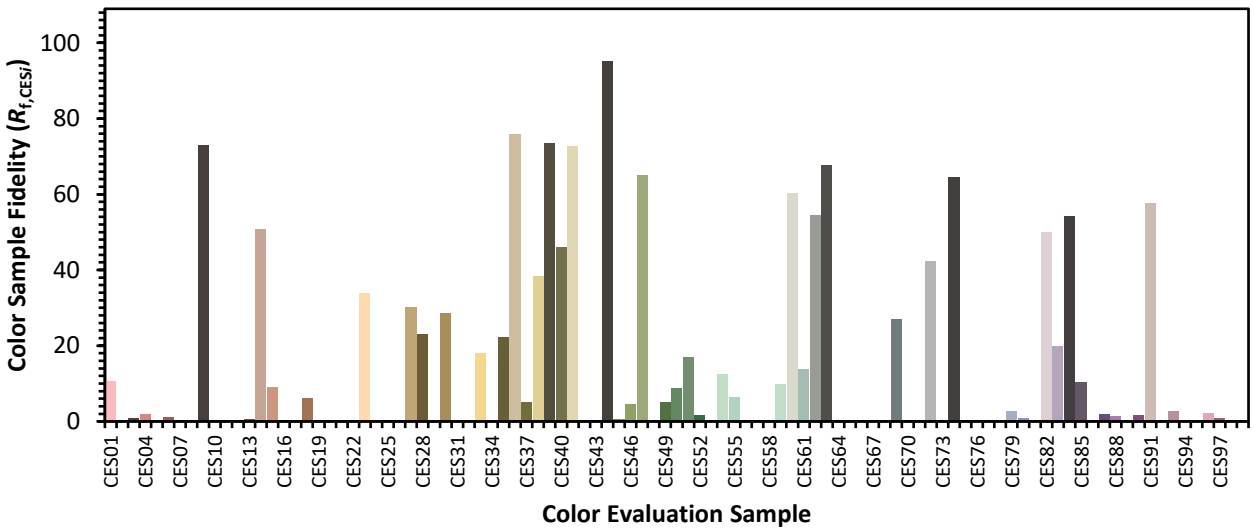


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Individual Sample Fidelity Index ($R_{f,i}$)

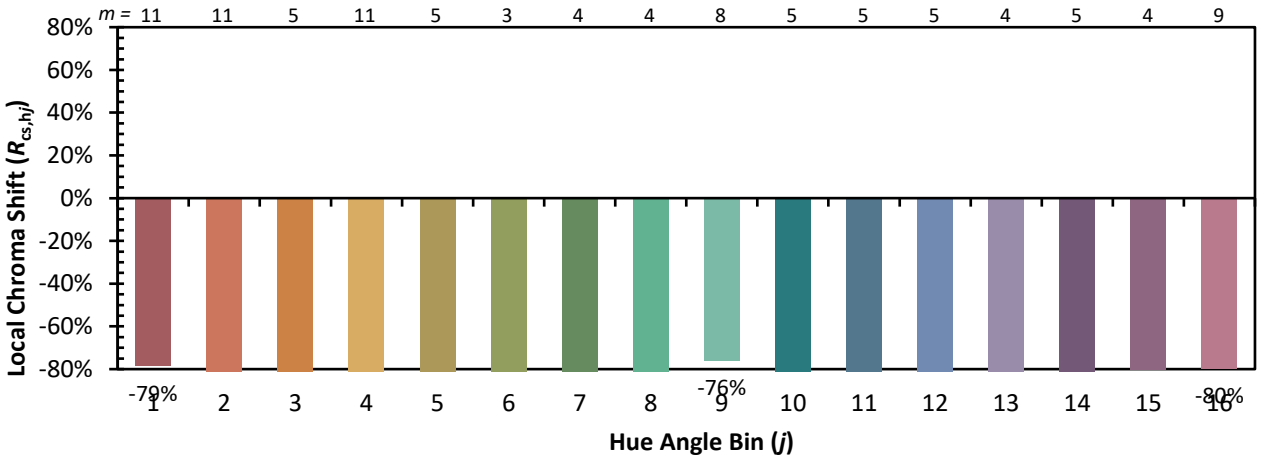
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

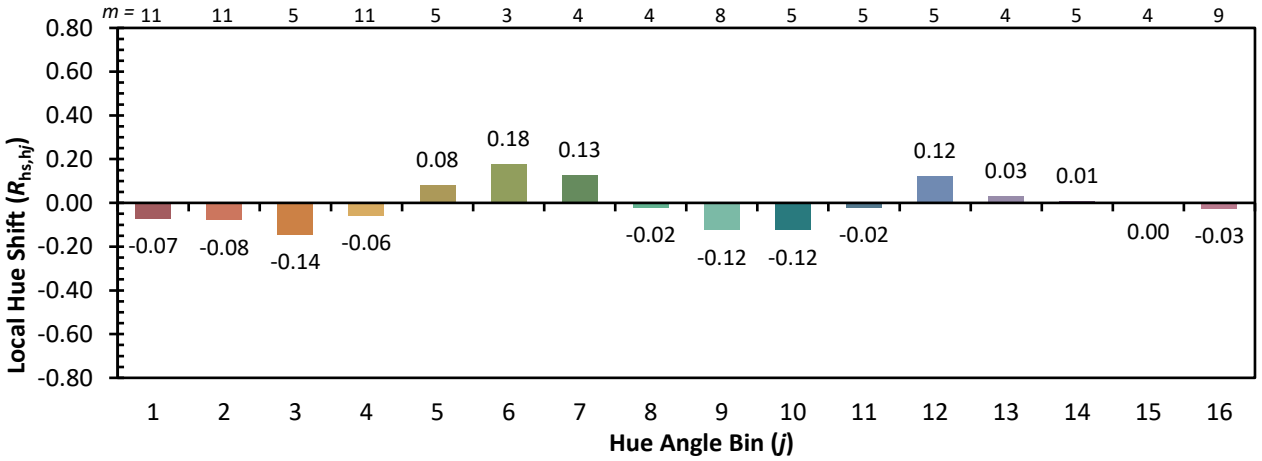


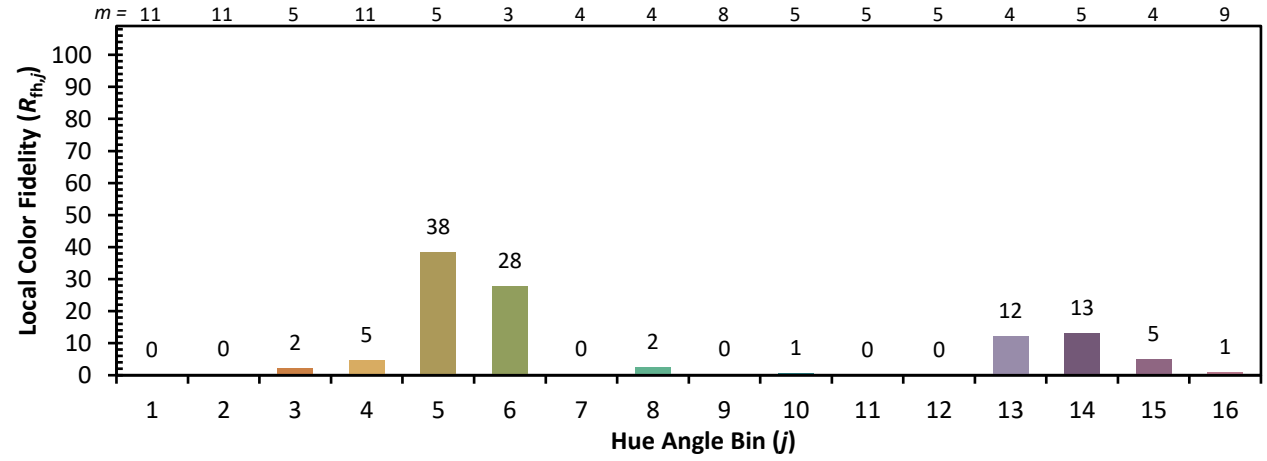
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Color Rendition by Hue-Angle Bin



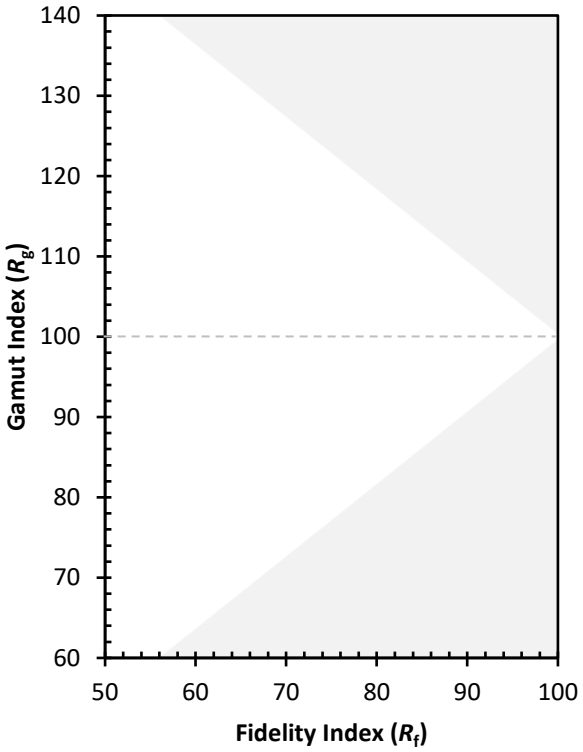


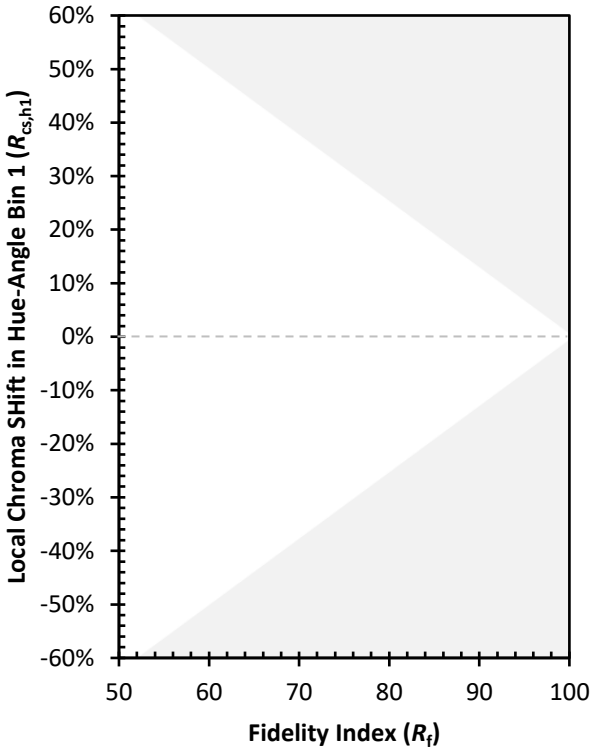


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Measure Comparisons





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