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-T4LG-HSS

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-T4LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T4 LOW GLARE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6562.9 lumens
Efficiency:	N/A
Efficacy:	50.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
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

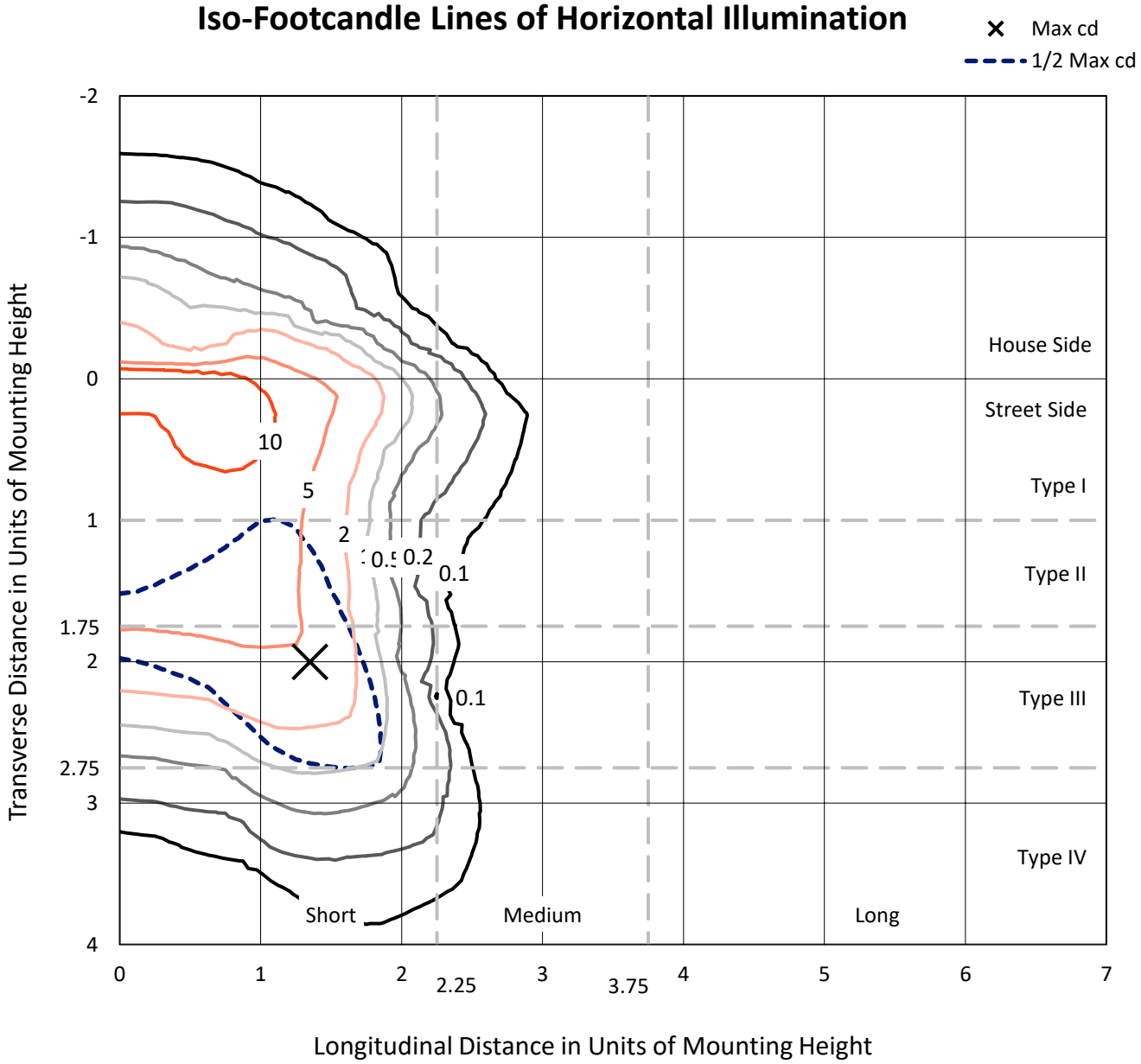


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



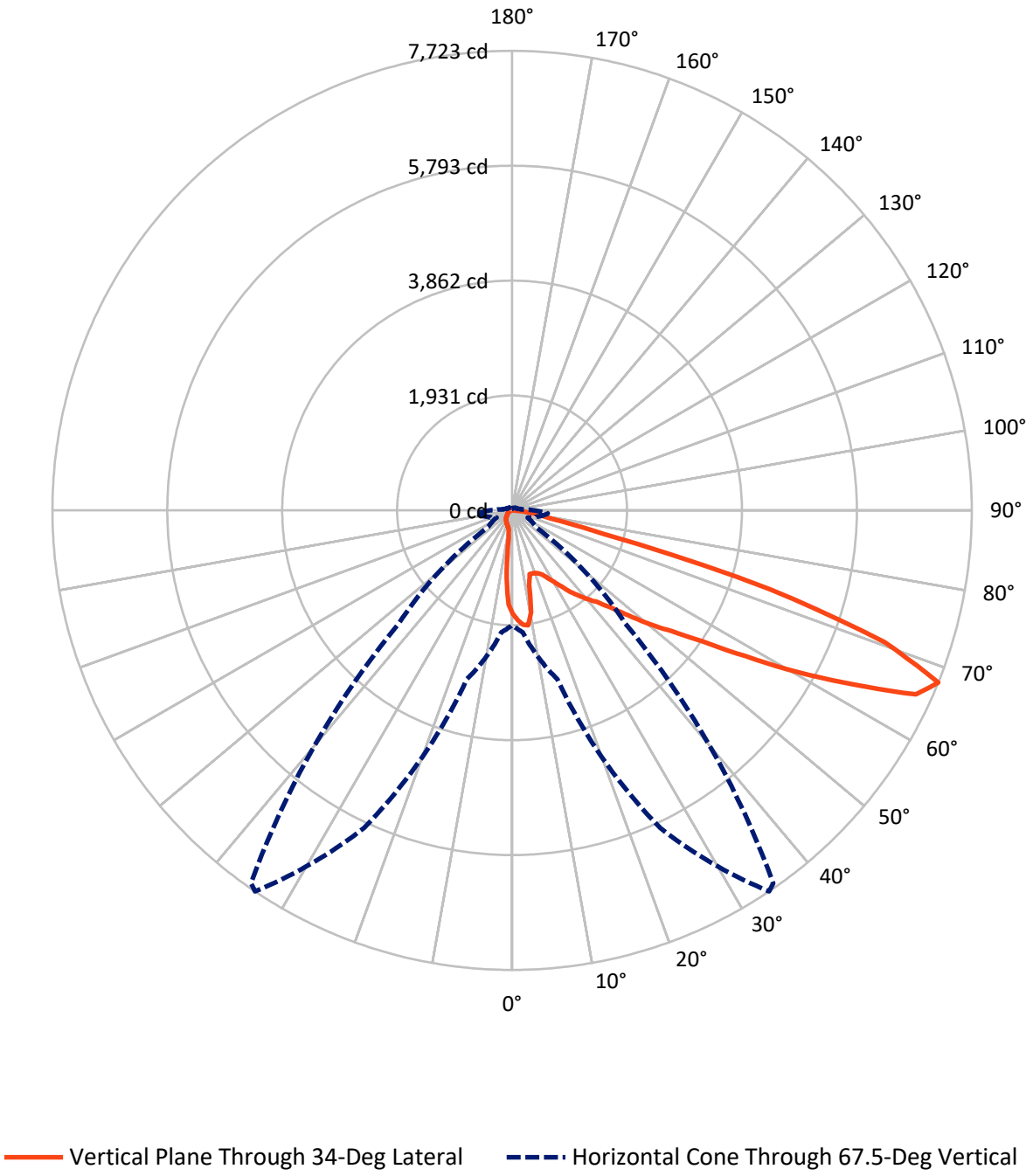
Based on 10 foot mounting height. Maximum calculated value = 19.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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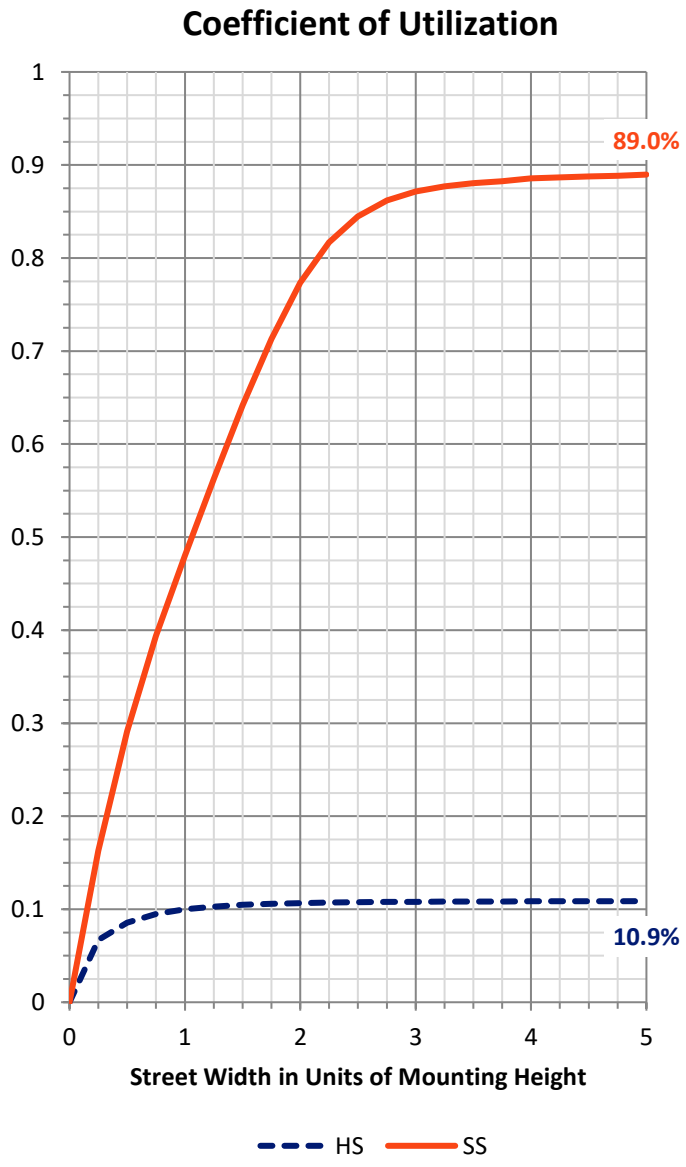
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	718.3	0.0	718.3
	% Fixture	10.9	0.0	10.9
Street Side	Lumens	5844.6	0.0	5844.6
	% Fixture	89.1	0.0	89.1
Total	Lumens	6562.9	0.0	6562.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.4	2.1
10°-20°	296.6	4.5
20°-30°	469.6	7.2
30°-40°	778.3	11.9
40°-50°	1211.6	18.5
50°-60°	1717.7	26.2
60°-70°	1540.9	23.5
70°-80°	382.0	5.8
80°-90°	26.9	0.4
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°	6562.9	100.0
0°-180°	6562.9	100.0



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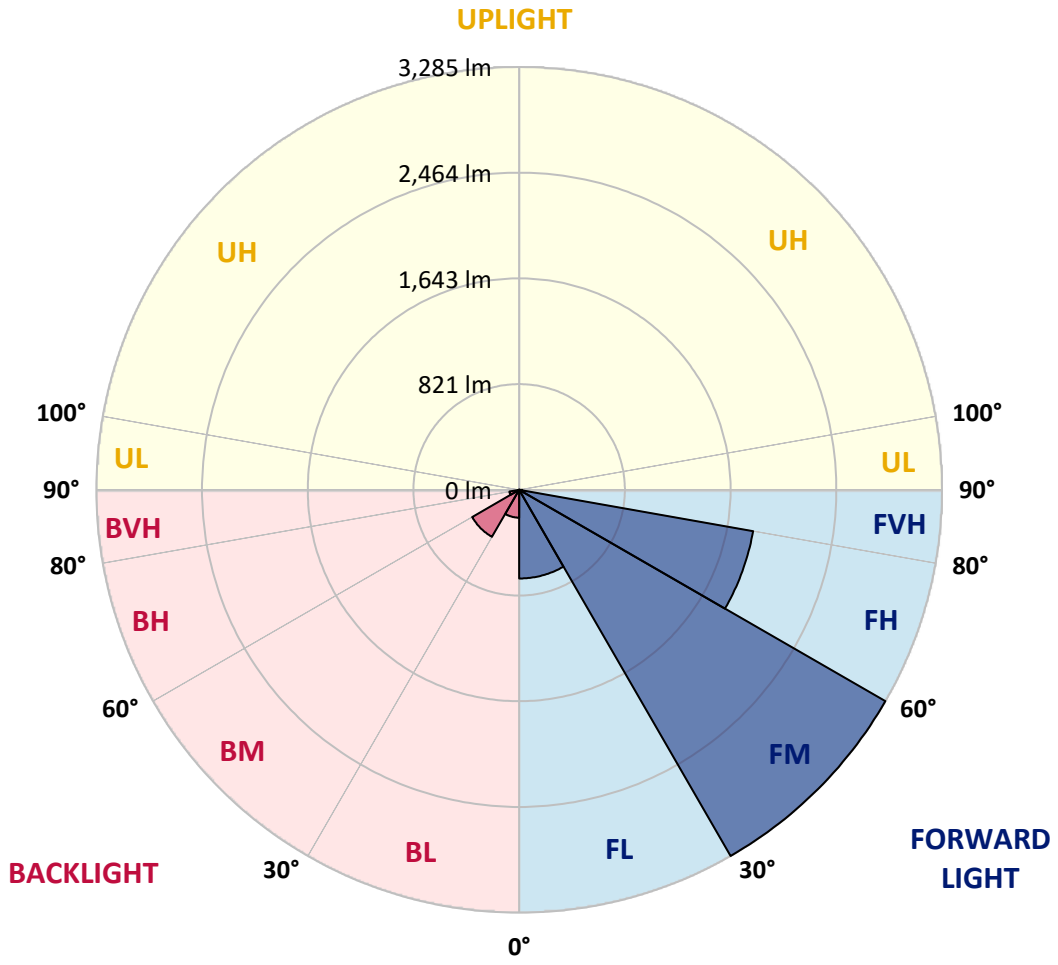
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	689.1	10.5			
FM	(30°-60°)	3285.4	50.1			
FH	(60°-80°)	1846.0	28.1			G2/5000
FVH	(80°-90°)	24.0	0.4			G1/100
BL	(0°-30°)	216.5	3.3	B1/500		
BM	(30°-60°)	422.1	6.4	B1/1000		
BH	(60°-80°)	76.9	1.2	B0/110		G0/110
BVH	(80°-90°)	2.9	0.0			G0/10
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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1740.4	1740.4	1740.4	1740.4	*1740.4*	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4
2.5°	1890.4	1886.4	1866.7	1858.8	*1847.0*	1854.9	1843.0	1831.2	1811.5	1795.7	1764.1
5°	1949.6	1945.6	1945.6	1941.7	*1929.9*	1937.8	1925.9	1918.0	1882.5	1850.9	1791.7
7.5°	1866.7	1862.8	1882.5	1929.9	*1949.6*	1953.5	1969.3	1965.4	1937.8	1898.3	1827.2
10°	1353.7	1349.7	1420.8	1562.8	*1744.4*	1783.8	1945.6	2008.8	2008.8	1961.4	1870.7
12.5°	1085.3	1081.4	1093.2	1156.3	*1274.7*	1318.1	1681.2	2028.5	2068.0	2048.3	1922.0
15°	1073.5	1069.5	1073.5	1085.3	*1112.9*	1124.8	1310.3	1854.9	2154.8	2150.9	2004.8
17.5°	1069.5	1069.5	1069.5	1089.2	*1112.9*	1124.8	1199.7	1558.9	2214.0	2281.1	2115.3
20°	1057.7	1061.6	1065.6	1093.2	*1124.8*	1140.6	1211.6	1405.0	2225.8	2403.4	2221.9
22.5°	1053.7	1053.7	1061.6	1097.1	*1152.4*	1168.2	1262.9	1444.4	2143.0	2545.5	2316.6
25°	1057.7	1045.8	1077.4	1128.7	*1203.7*	1215.5	1341.8	1531.3	2099.6	2675.8	2387.7
27.5°	1057.7	1057.7	1097.1	1184.0	*1290.5*	1314.2	1468.1	1685.2	2166.7	2825.7	2513.9
30°	1101.1	1101.1	1160.3	1258.9	*1397.1*	1428.6	1622.0	1870.7	2348.2	2999.4	2644.2
32.5°	1164.2	1160.3	1243.2	1369.5	*1523.4*	1562.8	1783.8	2071.9	2577.1	3184.9	2790.2
35°	1227.4	1235.3	1333.9	1511.5	*1681.2*	1712.8	1949.6	2257.4	2817.8	3338.8	2916.5
37.5°	1282.6	1306.3	1428.6	1629.9	*1815.4*	1862.8	2115.3	2435.0	3019.1	3476.9	3023.1
40°	1385.2	1408.9	1531.3	1748.3	*1965.4*	2004.8	2249.5	2585.0	3145.4	3524.3	3094.1
42.5°	1590.5	1610.2	1701.0	1882.5	*2107.5*	2154.8	2454.7	2778.4	3307.2	3583.5	3074.4
45°	1925.9	1922.0	2012.7	2127.2	*2332.4*	2387.7	2699.4	3015.2	3476.9	3622.9	2999.4
47.5°	2308.7	2320.6	2379.8	2506.1	*2636.3*	2679.7	2967.8	3248.0	3555.8	3619.0	2940.2
50°	2778.4	2778.4	2809.9	2908.6	*3011.2*	3027.0	3244.1	3382.2	3516.4	3583.5	2912.5
52.5°	3303.3	3283.5	3323.0	3350.6	*3378.2*	3417.7	3524.3	3433.5	3520.3	3480.9	3038.8
55°	3642.7	3646.6	3749.2	3828.1	*3887.3*	3934.7	3836.0	3508.5	3326.9	3240.1	3232.2
57.5°	3907.1	3934.7	4171.5	4428.0	*4621.4*	4637.2	4171.5	3417.7	2817.8	2707.3	3200.6
60°	4230.7	4214.9	4495.1	5059.5	*5521.2*	5513.3	4483.3	2952.0	2052.2	1918.0	2774.4
62.5°	4128.1	4226.7	4885.8	5860.6	*6440.8*	6298.7	4439.9	2127.2	1128.7	1089.2	1866.7
65°	3094.1	3255.9	4143.9	6346.0	*7455.0*	7348.5	3757.1	1176.1	497.3	611.7	1140.6
67.5°	*1929.9*	*2056.1*	*2936.2*	*5888.2*	*7723.4*	*7648.4*	*2691.5*	*489.4*	*288.1*	*418.3*	*603.8*
70°	911.7	986.6	1582.6	4901.6	*6642.0*	6310.5	1294.5	260.5	232.8	288.1	331.5
72.5°	371.0	418.3	718.3	3011.2	*4526.7*	4132.0	343.3	193.4	201.3	221.0	225.0
75°	213.1	228.9	386.8	1152.4	*1594.4*	1566.8	185.5	126.3	173.6	181.5	150.0
77.5°	122.3	134.2	244.7	722.2	*659.1*	540.7	130.2	75.0	138.1	118.4	78.9
80°	55.3	63.1	126.3	374.9	*418.3*	363.1	78.9	51.3	90.8	75.0	51.3
82.5°	19.7	23.7	55.3	142.1	*236.8*	197.3	35.5	31.6	67.1	51.3	31.6
85°	11.8	11.8	27.6	55.3	*106.6*	75.0	11.8	11.8	31.6	19.7	11.8
87.5°	0.0	0.0	3.9	3.9	*3.9*	3.9	0.0	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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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4	1740.4
2.5°	1732.5	1736.5	1704.9	1669.4	1633.9	1606.2	1586.5	1562.8	1554.9	1551.0	1535.2
5°	1748.3	1716.7	1633.9	1539.2	1424.7	1282.6	1160.3	1014.3	903.8	884.0	884.0
7.5°	1764.1	1701.0	1558.9	1330.0	970.8	655.1	481.5	418.3	374.9	363.1	363.1
10°	1783.8	1689.1	1432.6	919.5	509.1	371.0	331.5	319.7	315.7	315.7	315.7
12.5°	1815.4	1689.1	1211.6	560.4	347.3	307.8	299.9	296.0	292.0	296.0	296.0
15°	1866.7	1681.2	919.5	394.7	299.9	288.1	280.2	280.2	280.2	280.2	280.2
17.5°	1914.1	1626.0	686.7	315.7	276.3	268.4	264.4	264.4	268.4	268.4	268.4
20°	1953.5	1554.9	544.6	280.2	260.5	252.6	248.6	252.6	252.6	256.5	256.5
22.5°	1993.0	1487.8	422.3	260.5	244.7	236.8	236.8	240.7	244.7	248.6	244.7
25°	2008.8	1412.9	343.3	244.7	228.9	221.0	221.0	225.0	232.8	236.8	236.8
27.5°	2036.4	1337.9	296.0	228.9	213.1	209.2	213.1	217.1	225.0	228.9	228.9
30°	2083.8	1278.7	288.1	221.0	205.2	201.3	201.3	205.2	217.1	217.1	217.1
32.5°	2162.7	1290.5	299.9	225.0	205.2	193.4	189.4	193.4	205.2	209.2	209.2
35°	2261.4	1357.6	343.3	244.7	225.0	185.5	181.5	181.5	189.4	193.4	193.4
37.5°	2352.1	1448.4	418.3	284.2	240.7	181.5	169.7	165.8	169.7	173.6	173.6
40°	2439.0	1590.5	532.8	327.6	244.7	169.7	153.9	146.0	150.0	150.0	150.0
42.5°	2446.9	1716.7	694.6	351.2	228.9	153.9	138.1	130.2	130.2	126.3	130.2
45°	2403.4	1768.1	824.8	331.5	201.3	142.1	126.3	118.4	114.4	110.5	110.5
47.5°	2371.9	1772.0	860.3	280.2	177.6	130.2	114.4	106.6	102.6	98.7	98.7
50°	2391.6	1740.4	738.0	240.7	161.8	122.3	106.6	94.7	90.8	86.8	86.8
52.5°	2474.5	1681.2	469.6	221.0	150.0	114.4	98.7	90.8	86.8	78.9	78.9
55°	2545.5	1582.6	284.2	205.2	142.1	106.6	90.8	82.9	78.9	75.0	75.0
57.5°	2466.6	1357.6	205.2	189.4	130.2	98.7	82.9	78.9	71.0	67.1	67.1
60°	2064.0	840.6	165.8	169.7	110.5	90.8	75.0	71.0	63.1	59.2	59.2
62.5°	1357.6	398.6	134.2	146.0	90.8	82.9	71.0	63.1	55.3	47.4	47.4
65°	777.5	228.9	110.5	118.4	78.9	75.0	63.1	55.3	47.4	35.5	35.5
67.5°	*371.0*	*169.7*	*94.7*	*86.8*	*67.1*	*63.1*	*51.3*	*47.4*	*39.5*	*31.6*	*31.6*
70°	189.4	134.2	75.0	63.1	59.2	51.3	43.4	39.5	35.5	27.6	27.6
72.5°	157.9	110.5	63.1	47.4	43.4	35.5	35.5	31.6	27.6	23.7	23.7
75°	122.3	75.0	47.4	35.5	27.6	27.6	27.6	23.7	23.7	19.7	15.8
77.5°	67.1	55.3	35.5	19.7	15.8	19.7	19.7	19.7	15.8	11.8	11.8
80°	43.4	35.5	19.7	11.8	11.8	15.8	11.8	11.8	7.9	7.9	7.9
82.5°	23.7	19.7	11.8	3.9	3.9	7.9	3.9	7.9	7.9	3.9	3.9
85°	7.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9
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

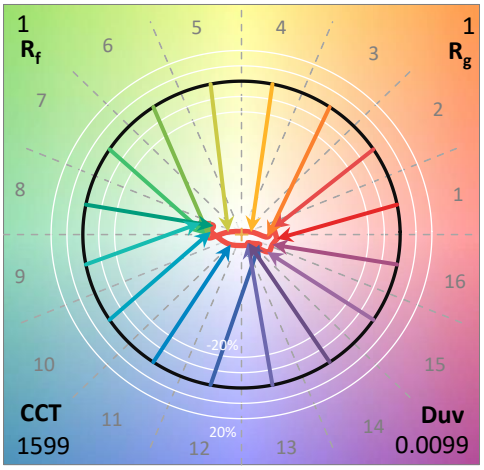
Test Information

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

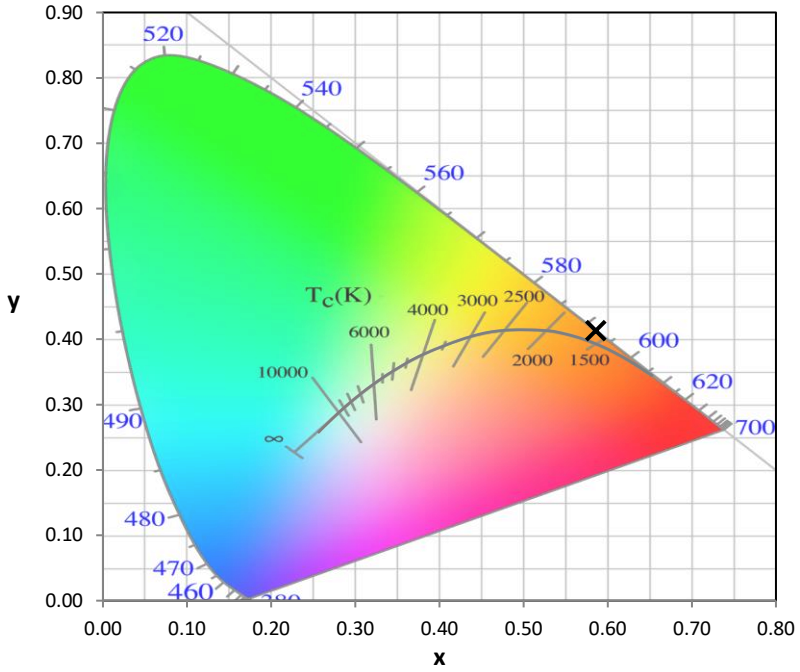
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

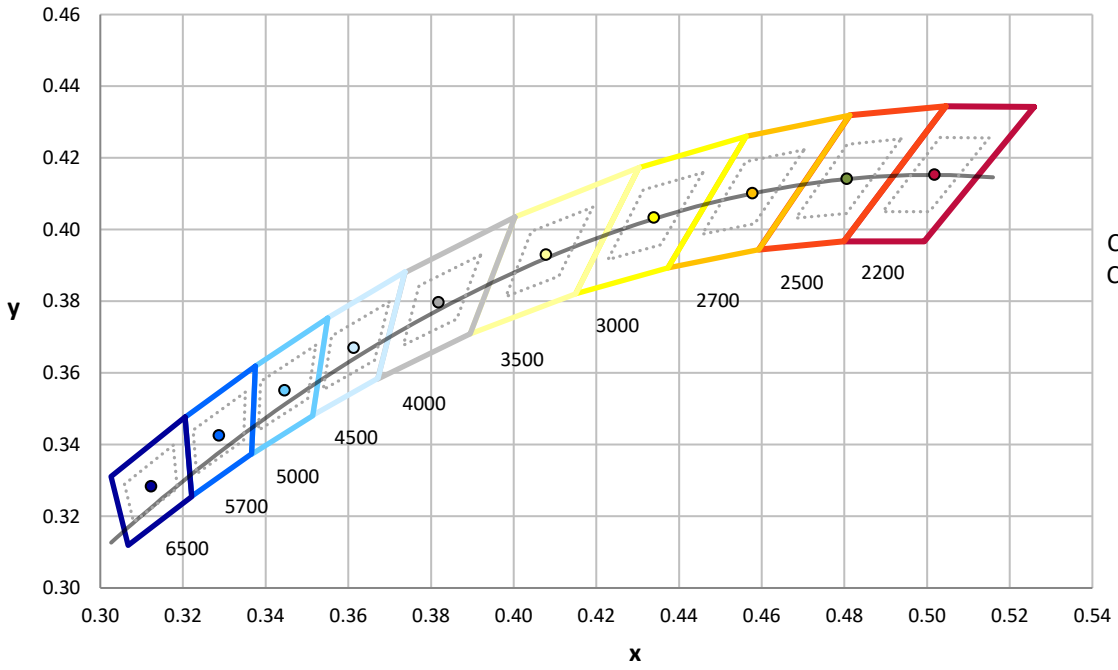
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

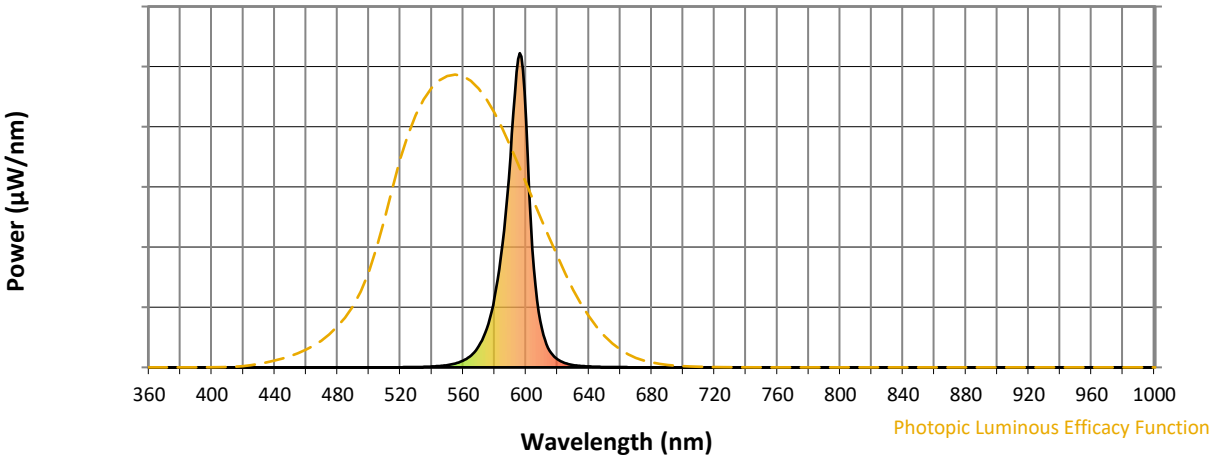


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

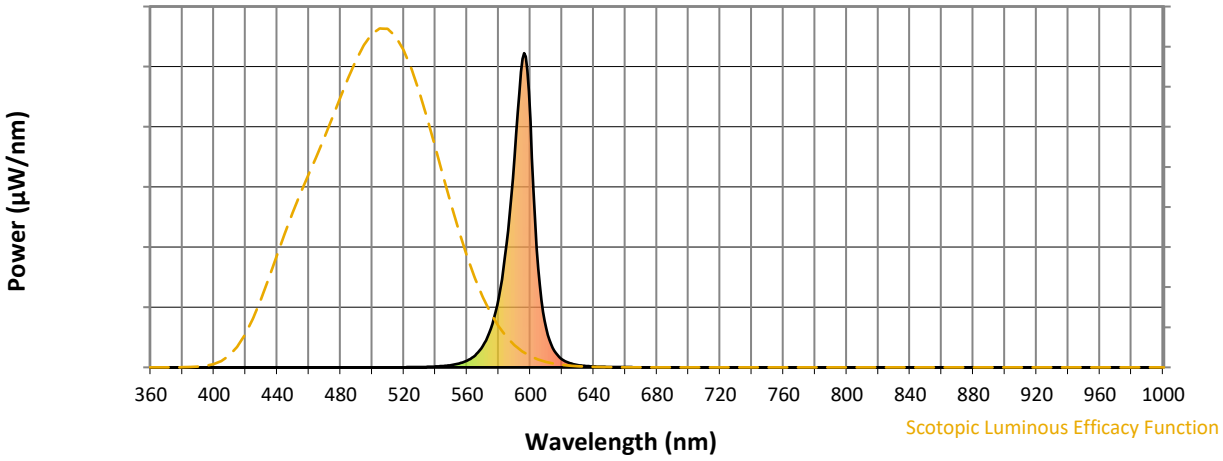


Photopic Lumens: NR

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

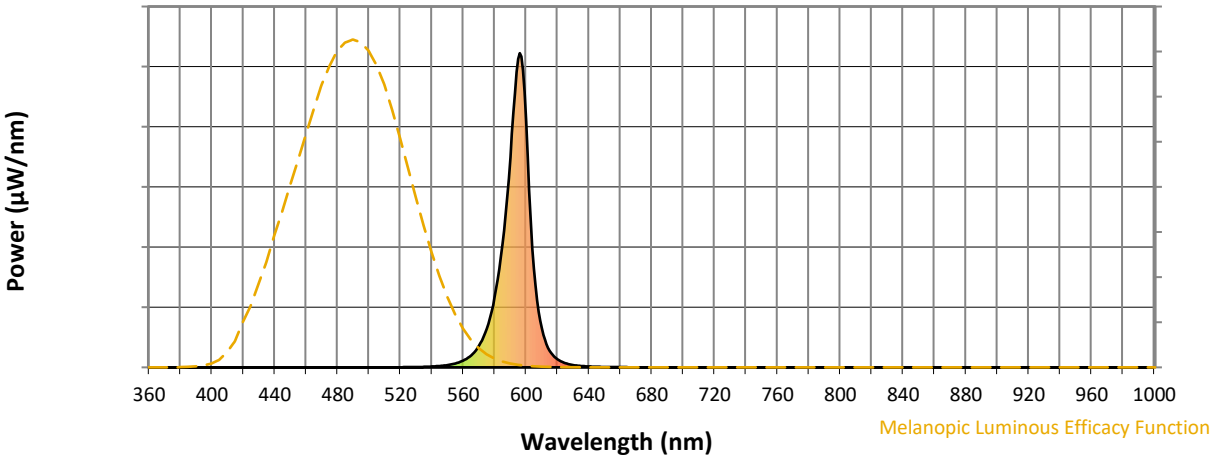


Scotopic Lumens: NR **S/P: 0.23**

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			

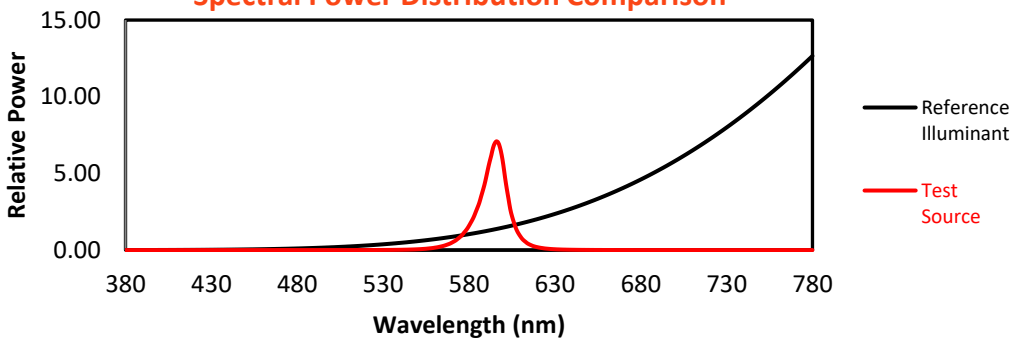
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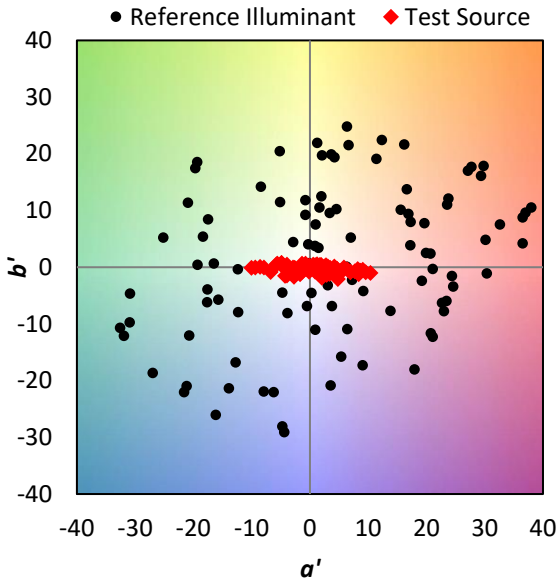
Summary

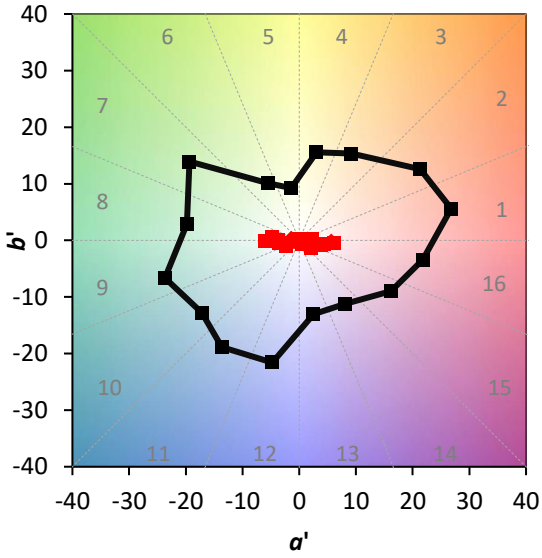
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

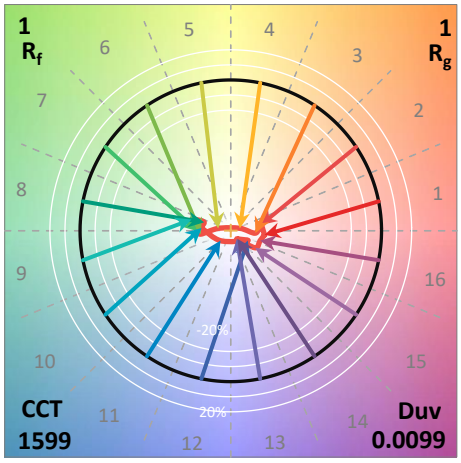
Spectral Power Distribution Comparison

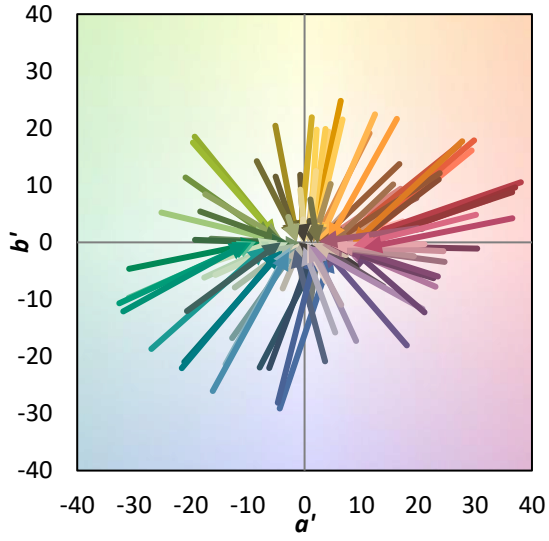


Color Vector Graphics







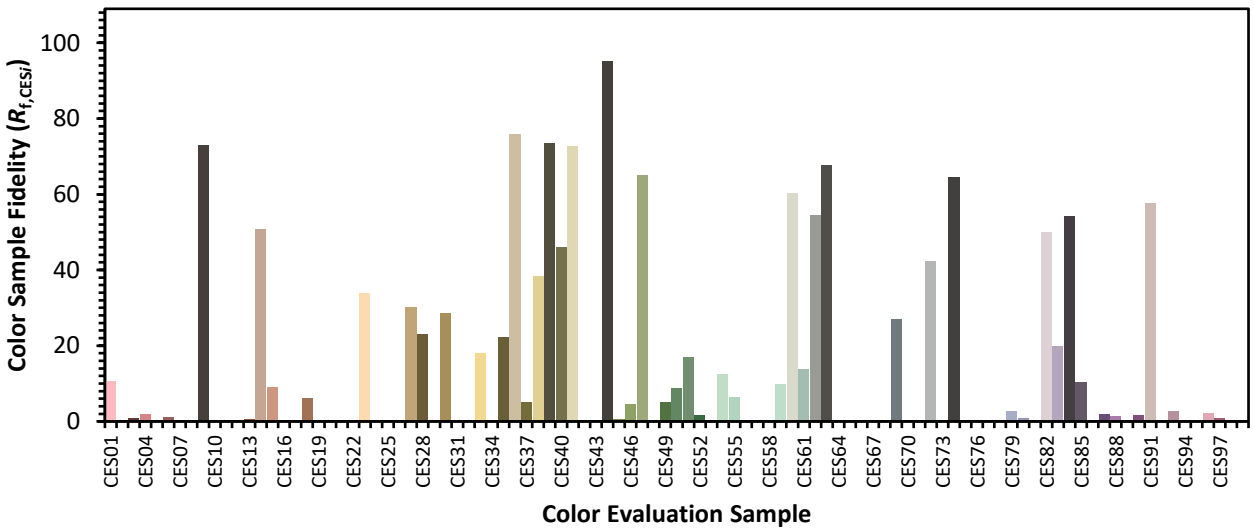


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Individual Sample Fidelity Index ($R_{f,i}$)

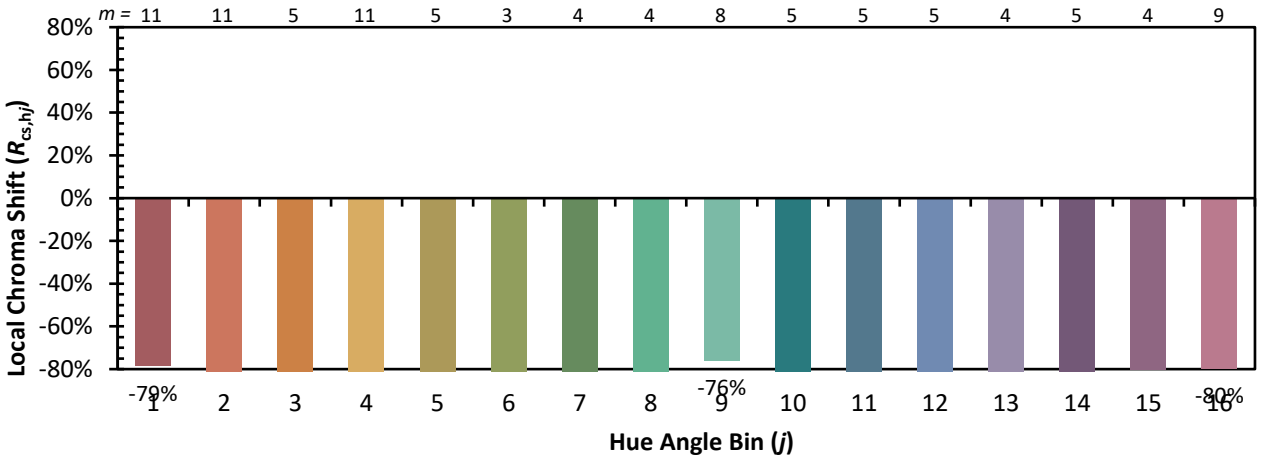
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

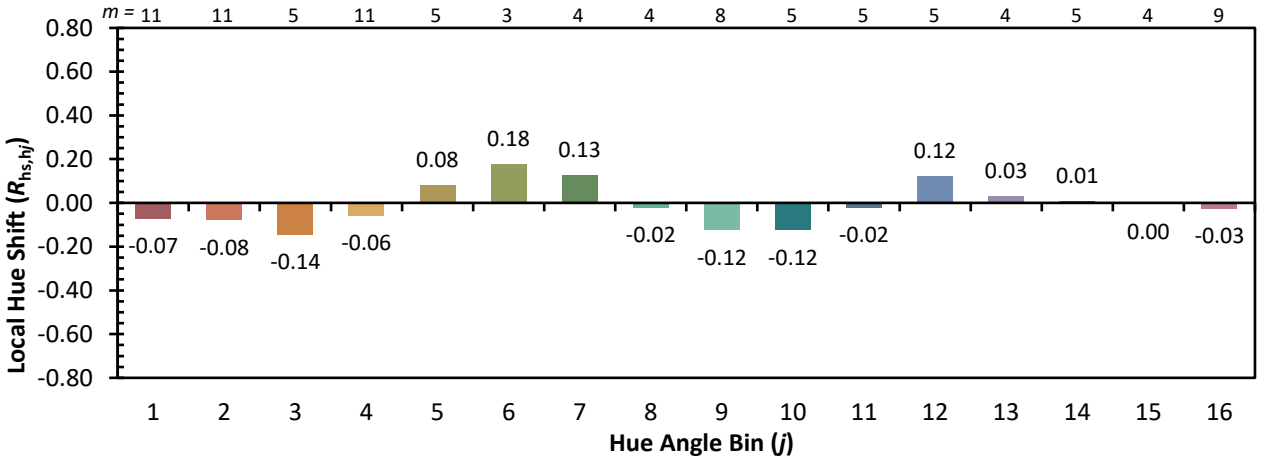


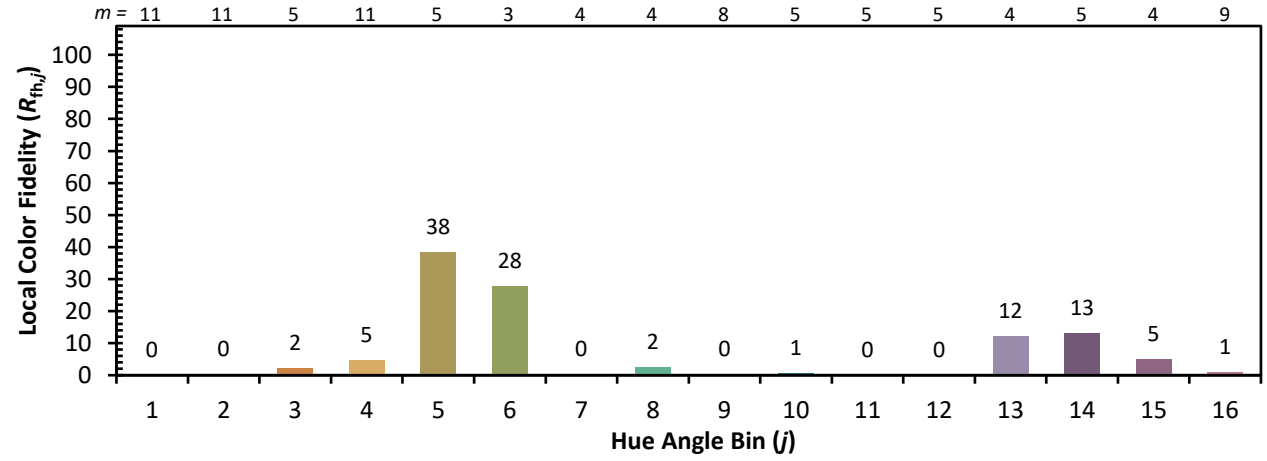
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Color Rendition by Hue-Angle Bin



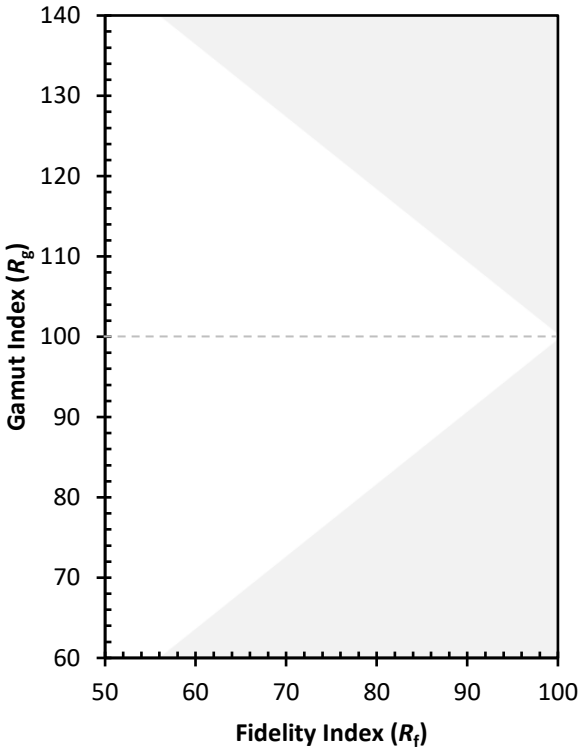


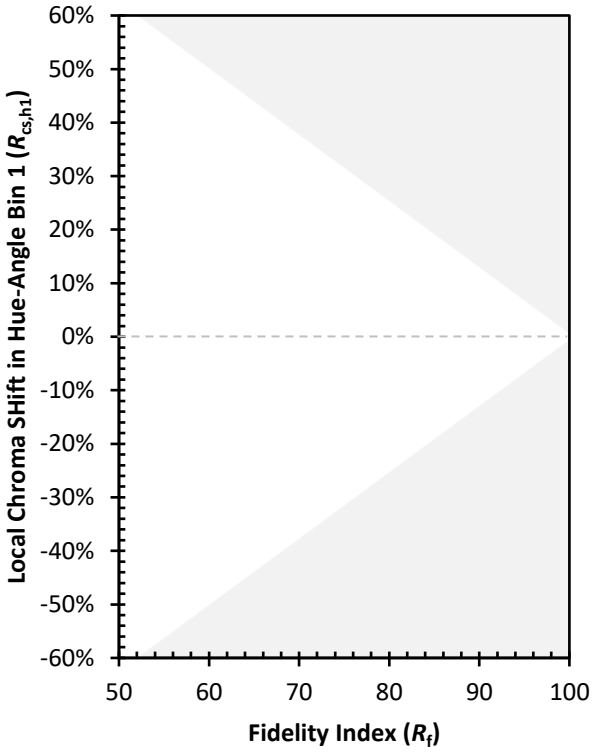


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Measure Comparisons





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