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-AFL-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-AFL-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE 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:	7565.2 lumens
Efficiency:	N/A
Efficacy:	58.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

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

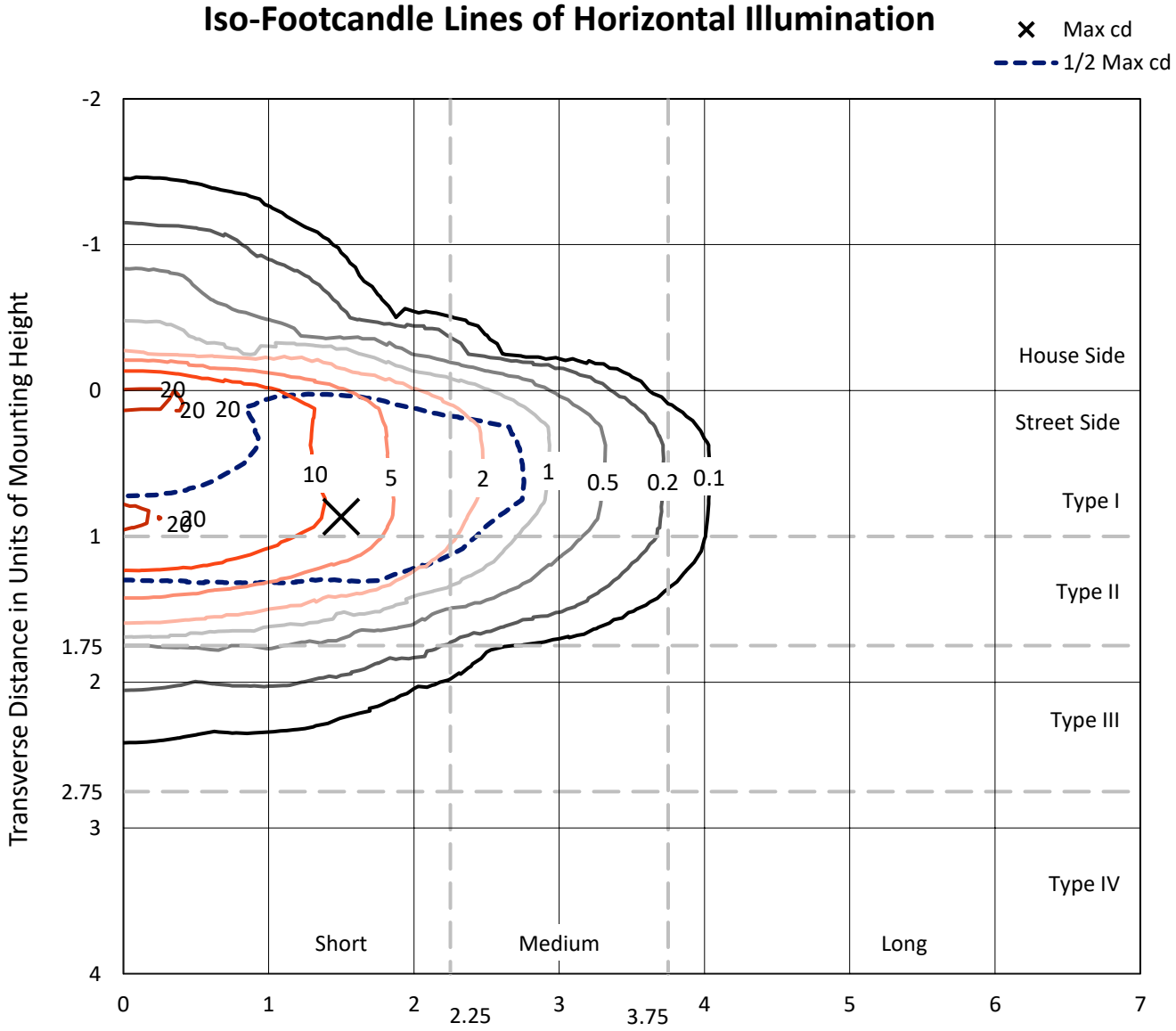


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



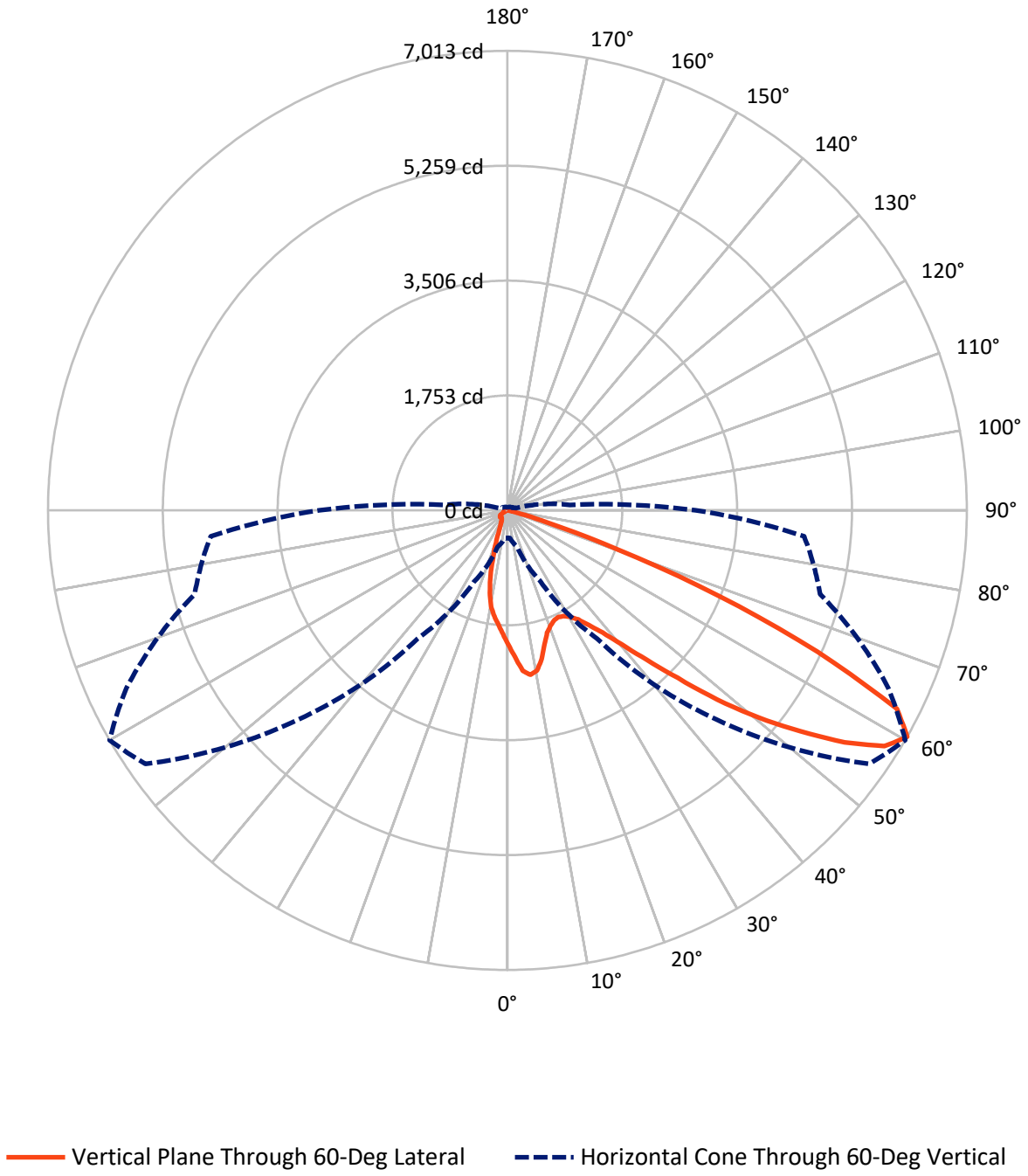
Based on 10 foot mounting height. Maximum calculated value = 21.3 fc
Type II - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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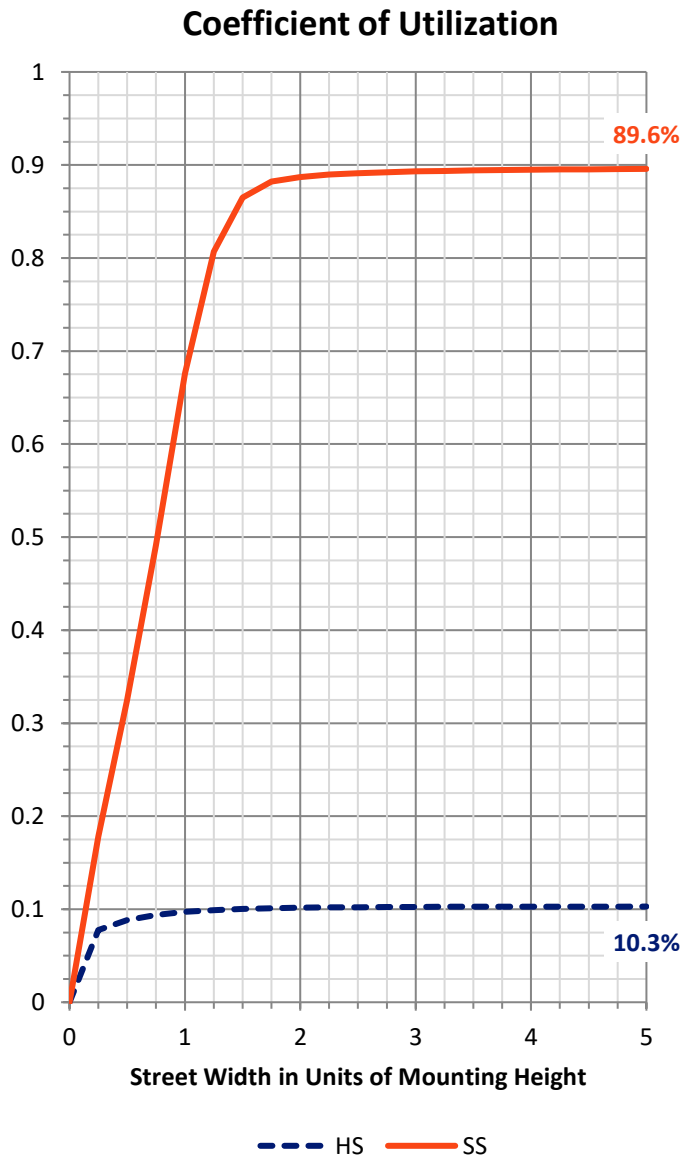
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	781.8	0.0	781.8
	% Fixture	10.3	0.0	10.3
Street Side	Lumens	6783.4	0.0	6783.4
	% Fixture	89.7	0.0	89.7
Total	Lumens	7565.2	0.0	7565.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.3	2.4
10°-20°	383.6	5.1
20°-30°	551.5	7.3
30°-40°	979.4	12.9
40°-50°	1841.3	24.3
50°-60°	2115.6	28.0
60°-70°	1219.9	16.1
70°-80°	280.4	3.7
80°-90°	12.1	0.2
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°	7565.2	100.0
0°-180°	7565.2	100.0



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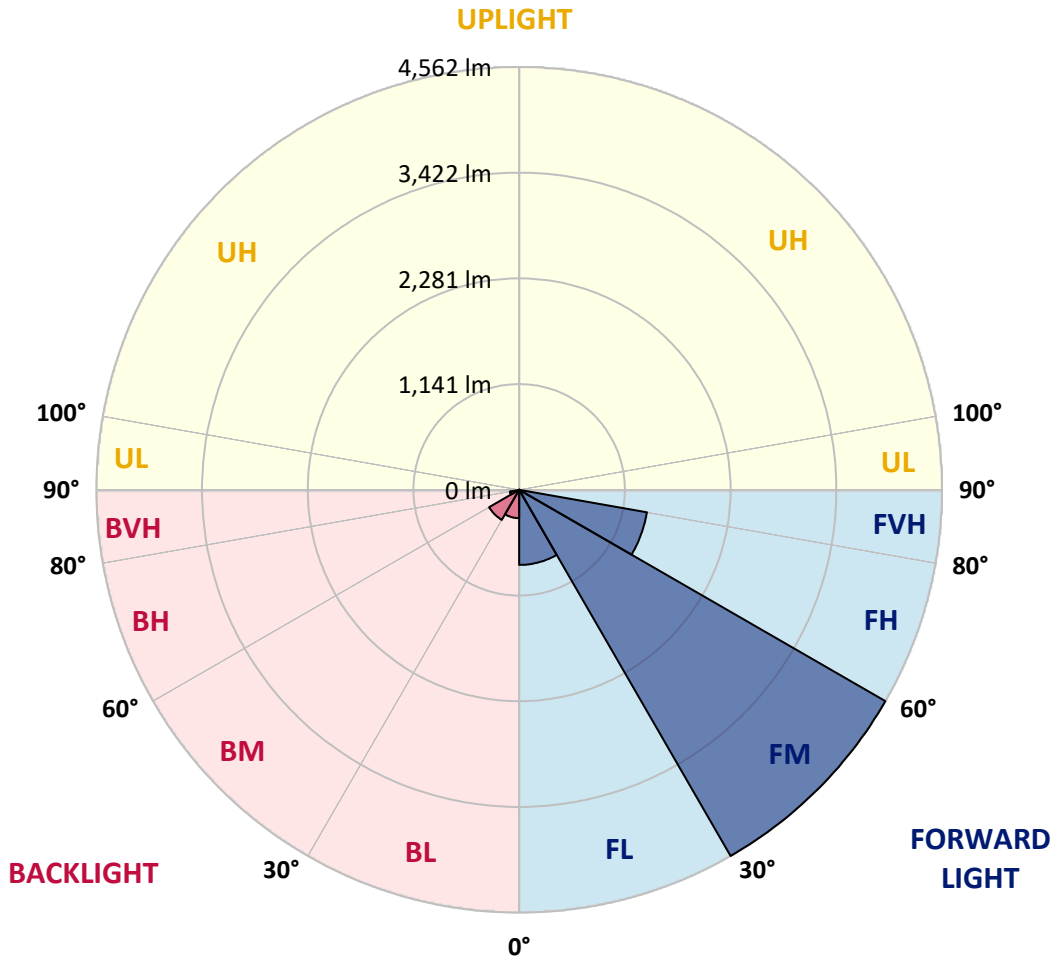
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	810.6	10.7			
FM	(30°-60°)	4562.3	60.3			
FH	(60°-80°)	1400.4	18.5			G1/1800
FVH	(80°-90°)	10.1	0.1			G1/100
BL	(0°-30°)	305.8	4.0	B1/500		
BM	(30°-60°)	374.1	4.9	B1/1000		
BH	(60°-80°)	99.9	1.3	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G1
Type II Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1
2.5°	2434.9	2387.5	2395.4	2359.9	2328.3	2304.7	2277.0	2241.5	2206.0	2146.8	2095.5
5°	2450.7	2434.9	2434.9	2454.6	2478.3	2490.1	2474.3	2458.6	2415.1	2308.6	2162.6
7.5°	2063.9	2032.4	2075.8	2178.4	2253.4	2395.4	2509.9	2533.5	2541.4	2474.3	2261.2
10°	1712.7	1708.8	1724.5	1819.3	1921.9	2123.1	2391.5	2486.2	2561.2	2596.7	2356.0
12.5°	1499.6	1495.7	1511.4	1562.7	1673.2	1846.9	2142.9	2324.4	2502.0	2671.7	2454.6
15°	1393.1	1389.1	1397.0	1440.4	1511.4	1657.5	1917.9	2119.2	2383.6	2726.9	2549.3
17.5°	1341.7	1329.9	1329.9	1365.4	1428.6	1547.0	1795.6	1961.3	2237.6	2794.0	2659.8
20°	1306.2	1302.3	1298.3	1326.0	1385.2	1507.5	1704.8	1878.4	2123.1	2849.2	2738.7
22.5°	1329.9	1333.9	1322.0	1337.8	1393.1	1495.7	1669.3	1823.2	2063.9	2853.2	2833.5
25°	1432.5	1412.8	1397.0	1397.0	1436.5	1523.3	1673.2	1803.5	2032.4	2825.6	2928.2
27.5°	1594.3	1578.5	1550.9	1519.3	1535.1	1586.4	1720.6	1827.1	2024.5	2825.6	3007.1
30°	1917.9	1882.4	1815.3	1724.5	1693.0	1704.8	1795.6	1882.4	2060.0	2853.2	3086.0
32.5°	2466.5	2427.0	2277.0	2115.2	1957.4	1890.3	1929.8	1985.0	2131.0	2861.1	3176.8
35°	3236.0	3184.7	3003.2	2671.7	2356.0	2158.6	2111.3	2154.7	2261.2	2928.2	3275.4
37.5°	4021.3	4009.5	3788.5	3413.6	2940.0	2592.7	2383.6	2363.8	2434.9	3050.5	3421.5
40°	4759.3	4711.9	4506.7	4163.4	3689.8	3161.0	2758.5	2683.5	2683.5	3196.5	3583.3
42.5°	5284.1	5201.3	5023.7	4767.2	4415.9	3831.9	3279.4	3113.6	2999.2	3429.4	3831.9
45°	5445.9	5406.5	5343.3	5232.8	4980.3	4589.6	3954.2	3646.4	3425.4	3697.7	4005.5
47.5°	5244.7	5213.1	5280.2	5485.4	5422.2	5185.5	4715.9	4313.3	3930.5	3989.7	4202.8
50°	4254.1	4301.5	4869.8	5370.9	5635.3	5753.7	5394.6	4968.4	4483.0	4273.9	4388.3
52.5°	3504.3	3547.7	3764.8	4822.4	5524.9	6101.0	6065.5	5599.8	5027.6	4550.1	4534.3
55°	2576.9	2632.2	2869.0	3701.7	4932.9	6112.9	6669.3	6247.0	5442.0	4731.6	4629.0
57.5°	1452.2	1479.9	1815.3	2379.6	3843.7	5595.9	7008.7	6787.7	5907.6	4857.9	4629.0
60°	426.2	422.3	576.2	1199.7	2387.5	4510.6	6744.3	7012.6	6416.7	4940.8	4546.2
62.5°	276.2	276.2	284.1	473.6	1097.1	2640.1	5911.6	6673.2	6456.2	4786.9	4068.7
65°	213.1	213.1	213.1	319.7	520.9	1266.8	4273.9	5205.2	5445.9	4514.6	3851.6
67.5°	177.6	177.6	177.6	232.8	331.5	556.4	1921.9	3476.7	4258.1	4471.2	3741.1
70°	150.0	146.0	150.0	185.5	232.8	315.7	734.0	1771.9	2809.8	3776.6	3405.7
72.5°	122.3	118.4	122.3	146.0	169.7	197.3	244.7	627.5	1428.6	2782.2	2549.3
75°	82.9	82.9	90.8	102.6	118.4	134.2	122.3	197.3	544.6	1345.7	1112.9
77.5°	63.1	63.1	67.1	75.0	78.9	90.8	75.0	86.8	165.7	331.5	221.0
80°	23.7	27.6	47.4	55.2	47.4	51.3	43.4	51.3	67.1	118.4	82.9
82.5°	7.9	7.9	31.6	27.6	31.6	23.7	23.7	27.6	35.5	59.2	27.6
85°	3.9	3.9	11.8	11.8	15.8	11.8	11.8	15.8	19.7	23.7	11.8
87.5°	0.0	0.0	0.0	0.0	0.0	3.9	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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Scaled Data Report

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1	2052.1
2.5°	2052.1	2024.5	1965.3	1914.0	1866.6	1823.2	1803.5	1764.0	1756.1	1768.0	1756.1
5°	2083.7	2024.5	1898.2	1783.7	1704.8	1629.8	1554.9	1507.5	1472.0	1456.2	1448.3
7.5°	2138.9	2024.5	1846.9	1696.9	1562.7	1416.7	1274.7	1180.0	1081.3	1053.7	1022.1
10°	2194.2	2044.2	1815.3	1606.2	1377.3	1116.8	868.2	682.7	576.2	513.0	520.9
12.5°	2245.5	2060.0	1779.8	1483.8	1089.2	730.1	445.9	343.3	303.9	288.1	280.2
15°	2300.7	2075.8	1716.7	1290.4	765.6	394.6	284.1	236.8	221.0	213.1	209.2
17.5°	2352.0	2083.7	1641.7	1018.2	442.0	268.3	213.1	197.3	189.4	185.5	185.5
20°	2403.3	2091.6	1527.2	734.0	303.9	209.2	189.4	177.6	169.7	165.7	165.7
22.5°	2438.8	2091.6	1345.7	461.7	224.9	185.5	173.6	161.8	153.9	150.0	150.0
25°	2498.0	2071.8	1112.9	315.7	193.4	177.6	165.7	153.9	142.1	138.1	138.1
27.5°	2517.8	2048.1	884.0	244.7	177.6	165.7	153.9	142.1	130.2	126.3	126.3
30°	2549.3	2004.7	659.0	193.4	161.8	153.9	146.0	134.2	122.3	118.4	118.4
32.5°	2584.8	1949.5	453.8	177.6	150.0	142.1	134.2	122.3	114.4	114.4	114.4
35°	2636.1	1894.2	347.3	161.8	138.1	130.2	122.3	114.4	114.4	114.4	114.4
37.5°	2723.0	1854.8	288.1	157.9	134.2	122.3	114.4	118.4	126.3	130.2	130.2
40°	2837.4	1799.5	248.6	153.9	130.2	118.4	114.4	126.3	122.3	114.4	110.5
42.5°	2979.5	1748.2	232.8	157.9	130.2	114.4	114.4	118.4	102.6	90.8	90.8
45°	3090.0	1689.0	236.8	161.8	134.2	106.6	106.6	98.7	86.8	78.9	78.9
47.5°	3165.0	1582.5	244.7	169.7	130.2	102.6	94.7	90.8	75.0	75.0	75.0
50°	3232.0	1499.6	244.7	169.7	126.3	94.7	90.8	82.9	71.0	67.1	67.1
52.5°	3236.0	1400.9	221.0	165.7	118.4	86.8	86.8	71.0	63.1	59.2	59.2
55°	3176.8	1306.2	197.3	150.0	106.6	78.9	78.9	63.1	59.2	55.2	55.2
57.5°	3090.0	1144.4	165.7	122.3	94.7	75.0	67.1	59.2	55.2	55.2	51.3
60°	*2872.9*	*959.0*	*134.2*	*94.7*	*82.9*	*67.1*	*63.1*	*55.2*	*51.3*	*47.4*	*47.4*
62.5°	2411.2	722.2	102.6	78.9	75.0	63.1	59.2	51.3	47.4	39.5	35.5
65°	2284.9	619.6	78.9	63.1	63.1	55.2	51.3	47.4	35.5	23.7	23.7
67.5°	2119.2	355.2	63.1	47.4	51.3	47.4	43.4	39.5	31.6	19.7	19.7
70°	1803.5	157.9	51.3	39.5	47.4	43.4	35.5	35.5	23.7	15.8	15.8
72.5°	1108.9	78.9	39.5	31.6	39.5	23.7	31.6	27.6	19.7	11.8	7.9
75°	398.6	55.2	27.6	23.7	23.7	19.7	23.7	19.7	11.8	7.9	3.9
77.5°	126.3	43.4	19.7	15.8	11.8	11.8	15.8	11.8	3.9	3.9	0.0
80°	55.2	31.6	11.8	7.9	7.9	7.9	7.9	3.9	0.0	0.0	0.0
82.5°	19.7	23.7	7.9	7.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0
85°	7.9	7.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.9	3.9	3.9	3.9	0.0	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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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

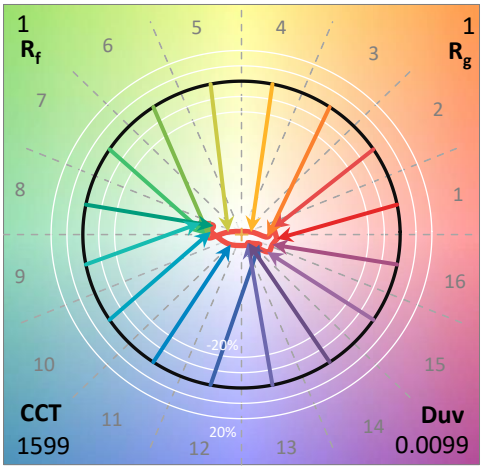
Test Information

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

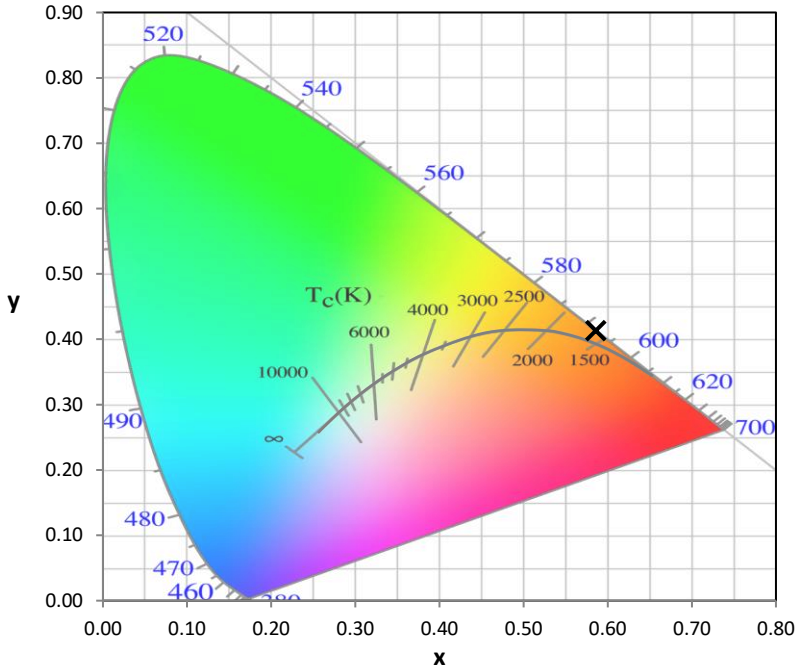
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

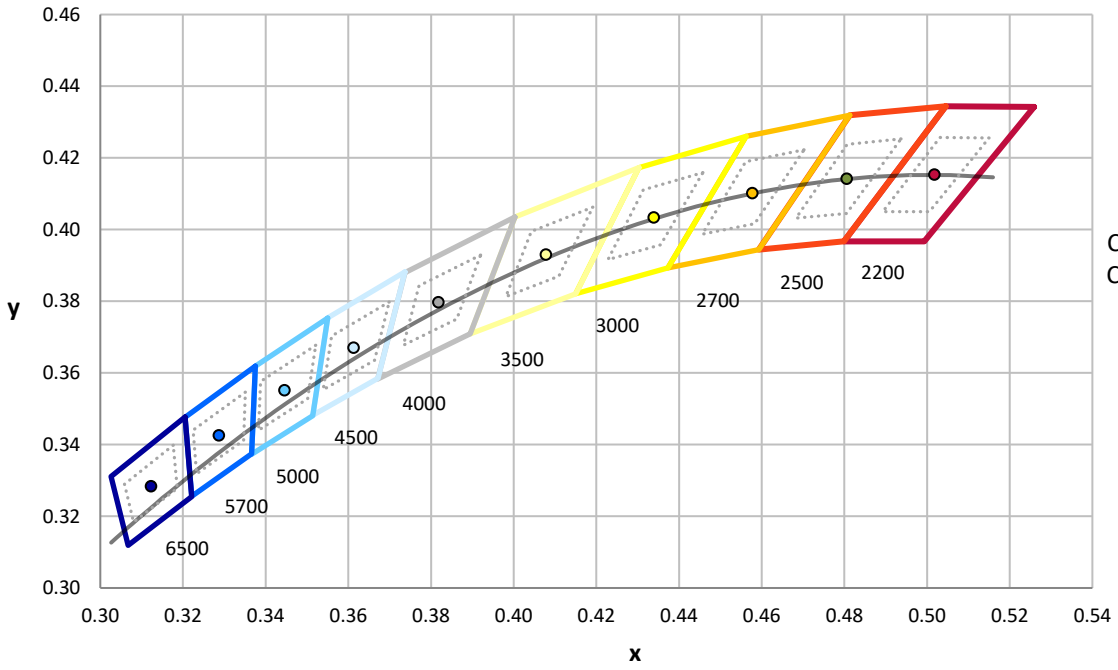
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

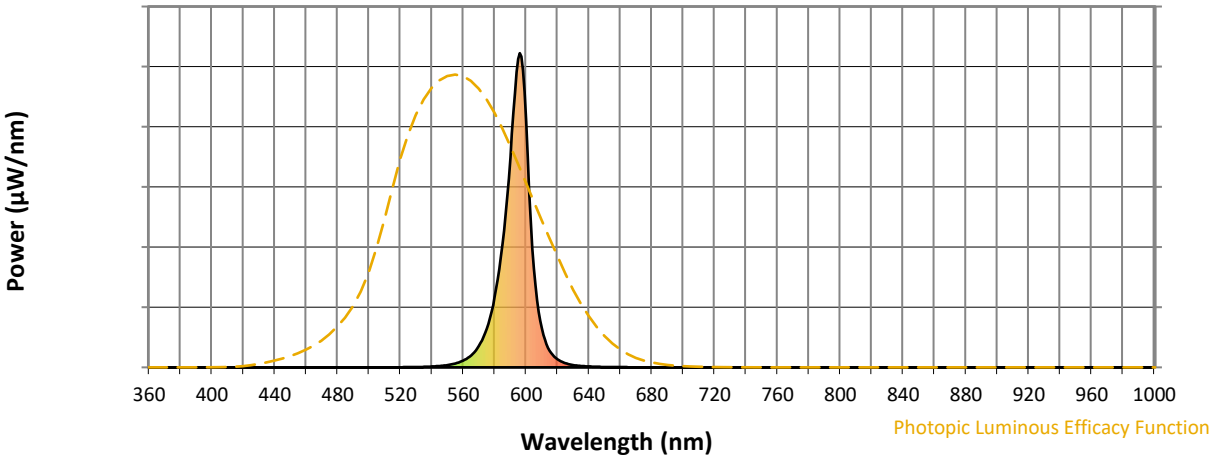


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

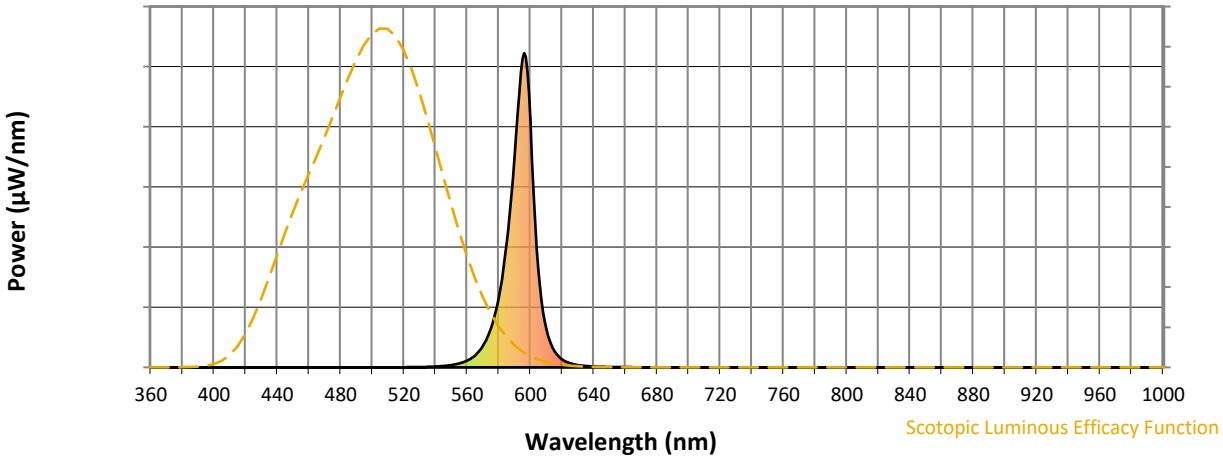


Photopic Lumens: NR

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

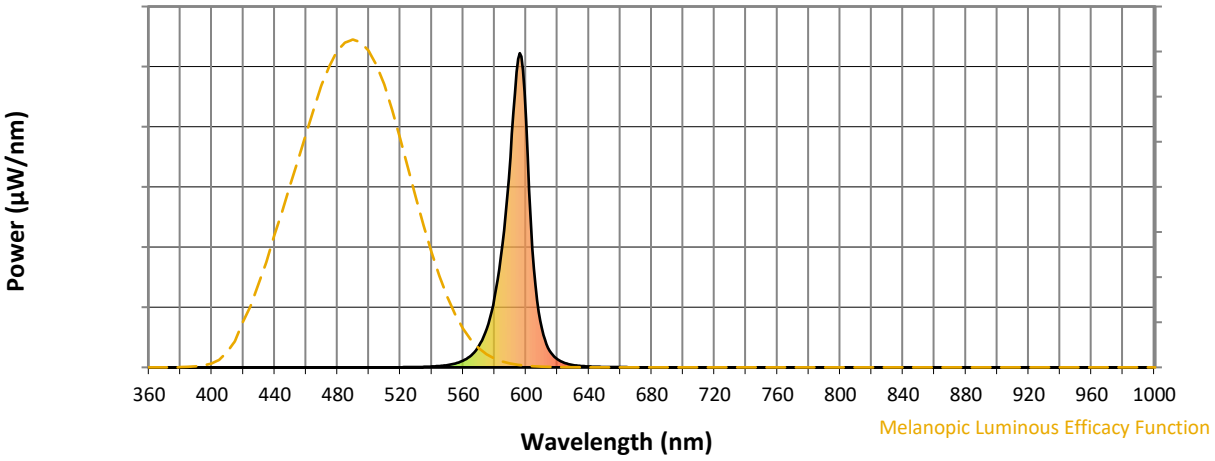


Scotopic Lumens: NR **S/P: 0.23**

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			

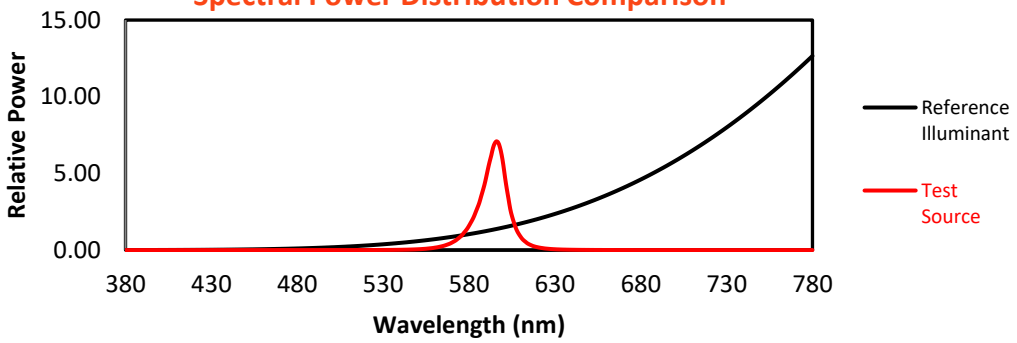
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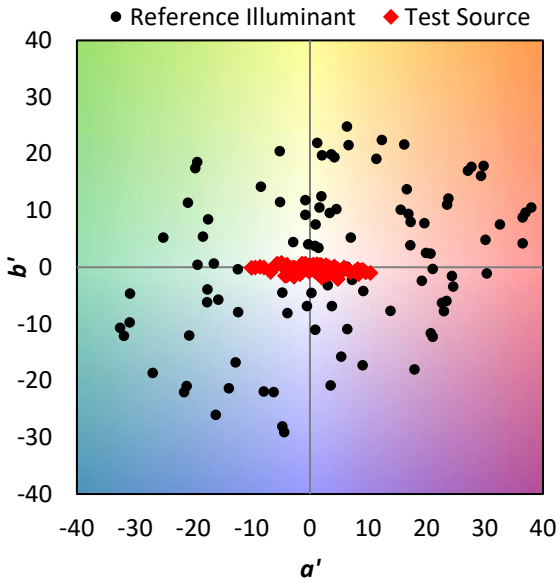
Summary

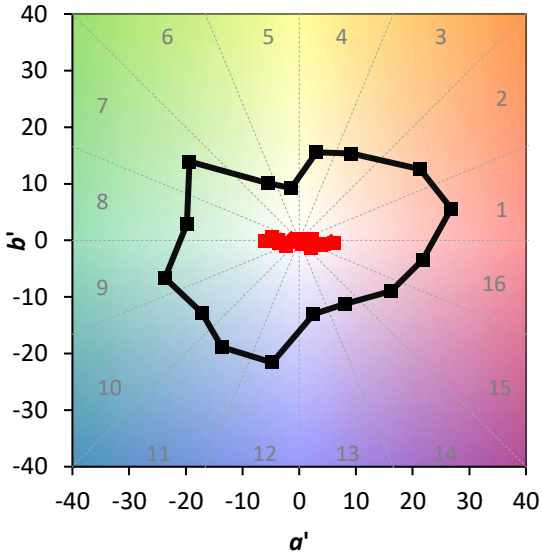
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

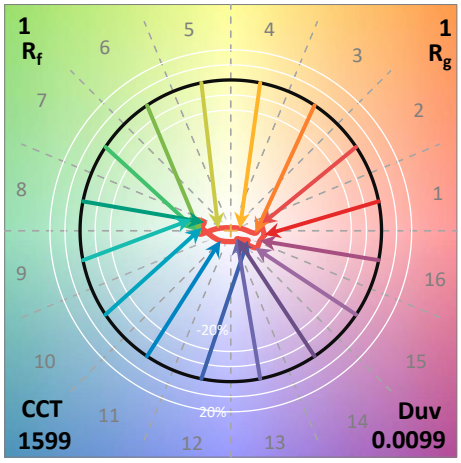
Spectral Power Distribution Comparison

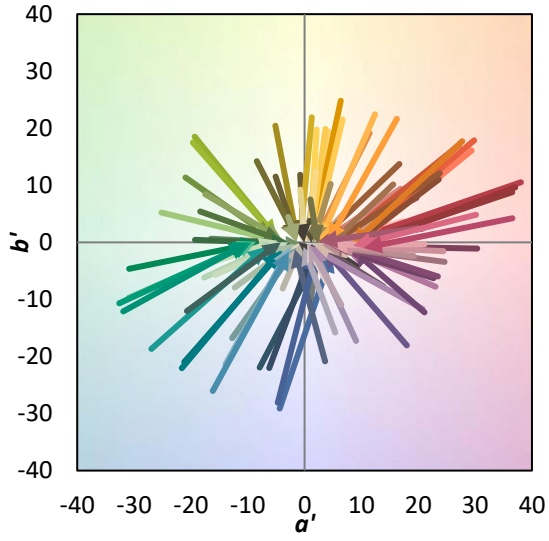


Color Vector Graphics







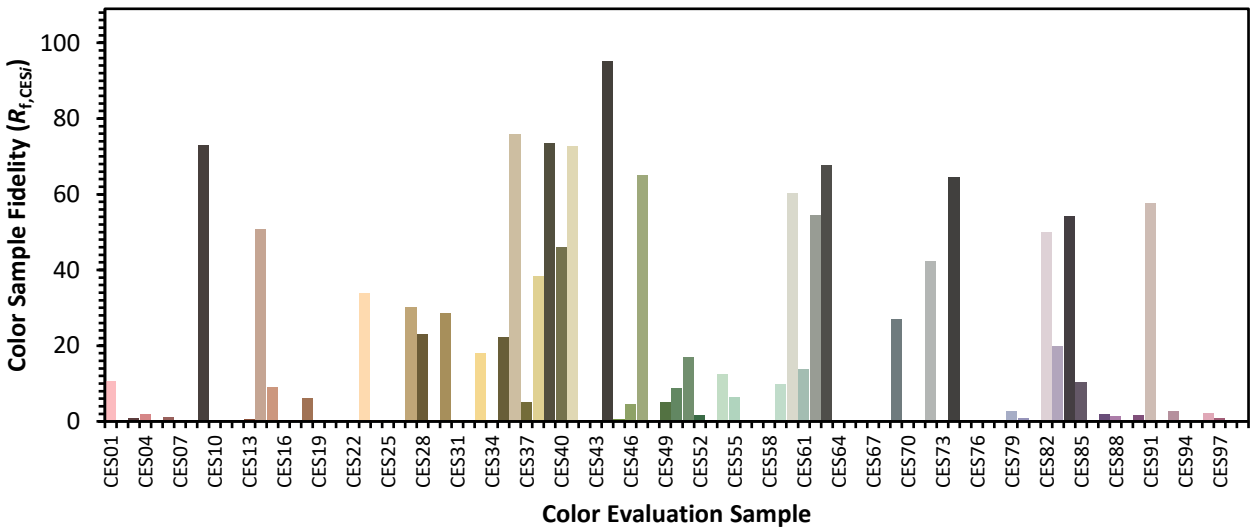


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Individual Sample Fidelity Index ($R_{f,i}$)

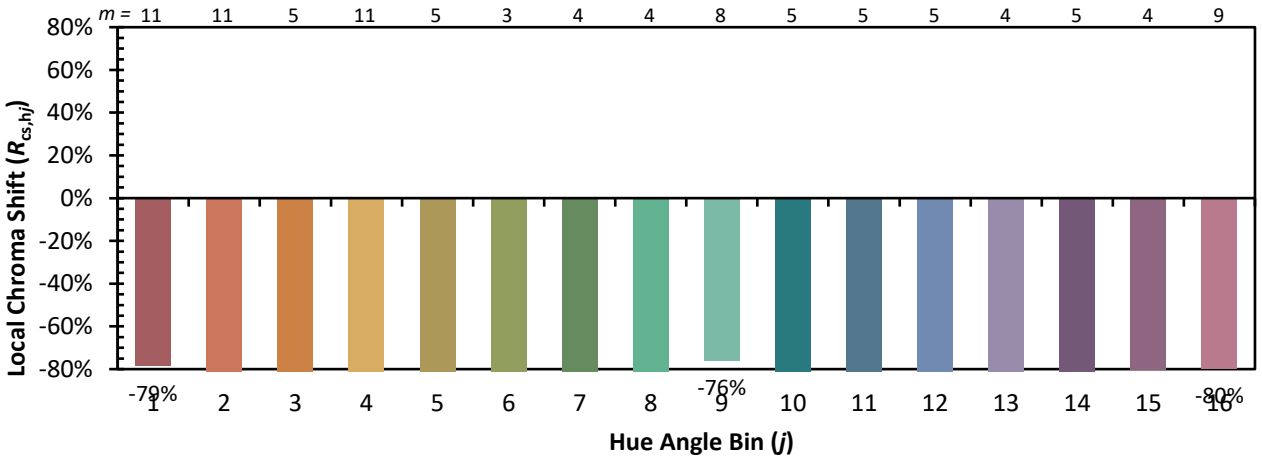
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

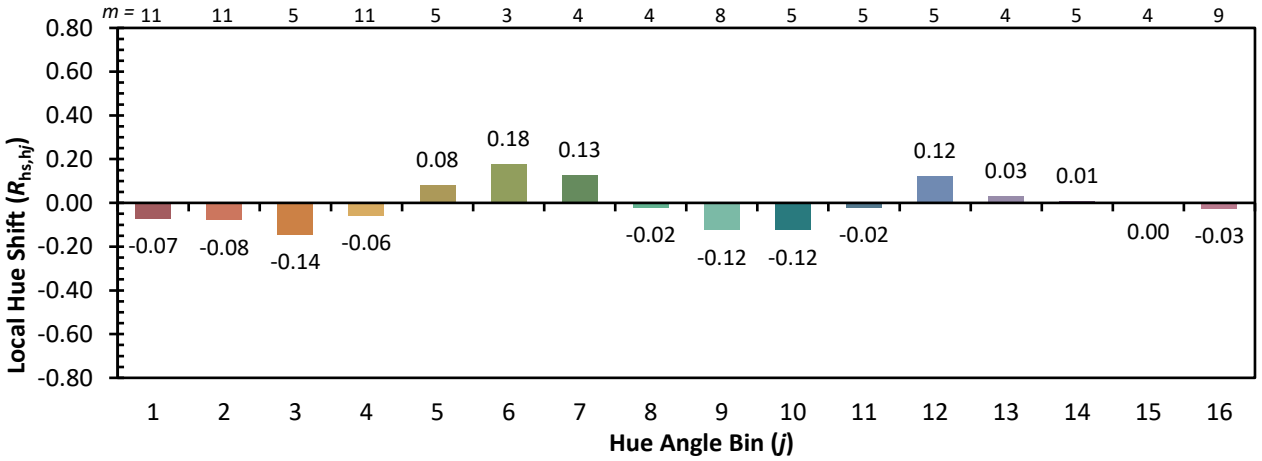


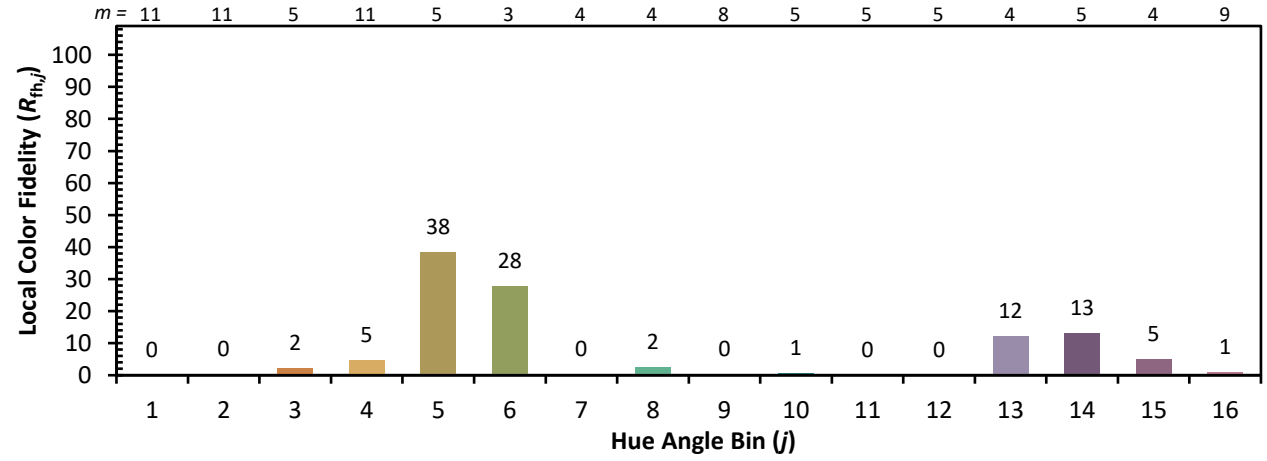
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Color Rendition by Hue-Angle Bin



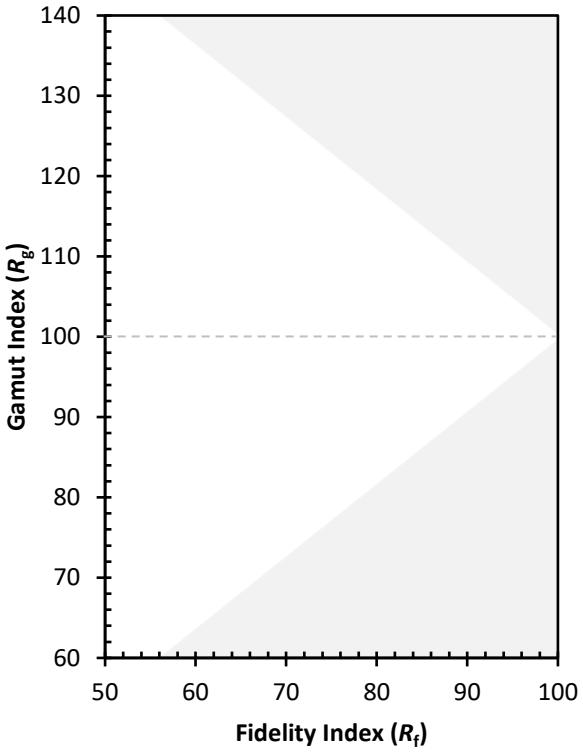


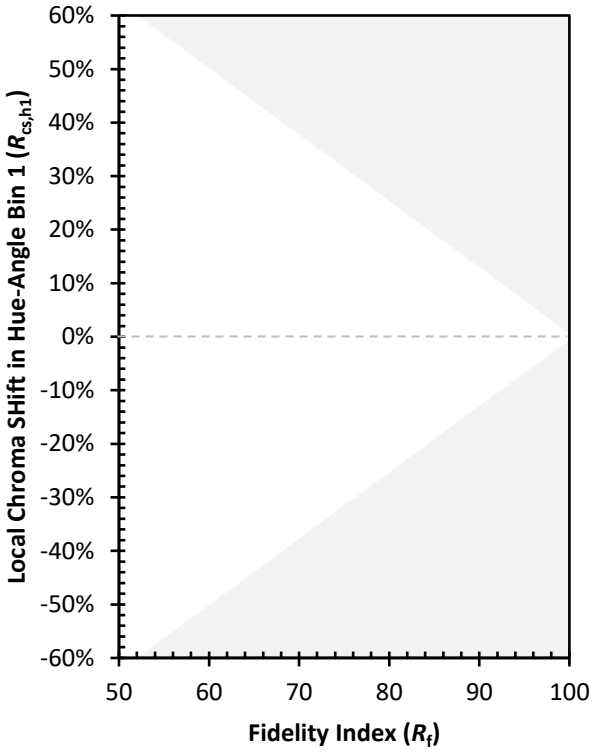


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Measure Comparisons





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