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

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
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8726.3 lumens
Efficiency:	N/A
Efficacy:	67.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - 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

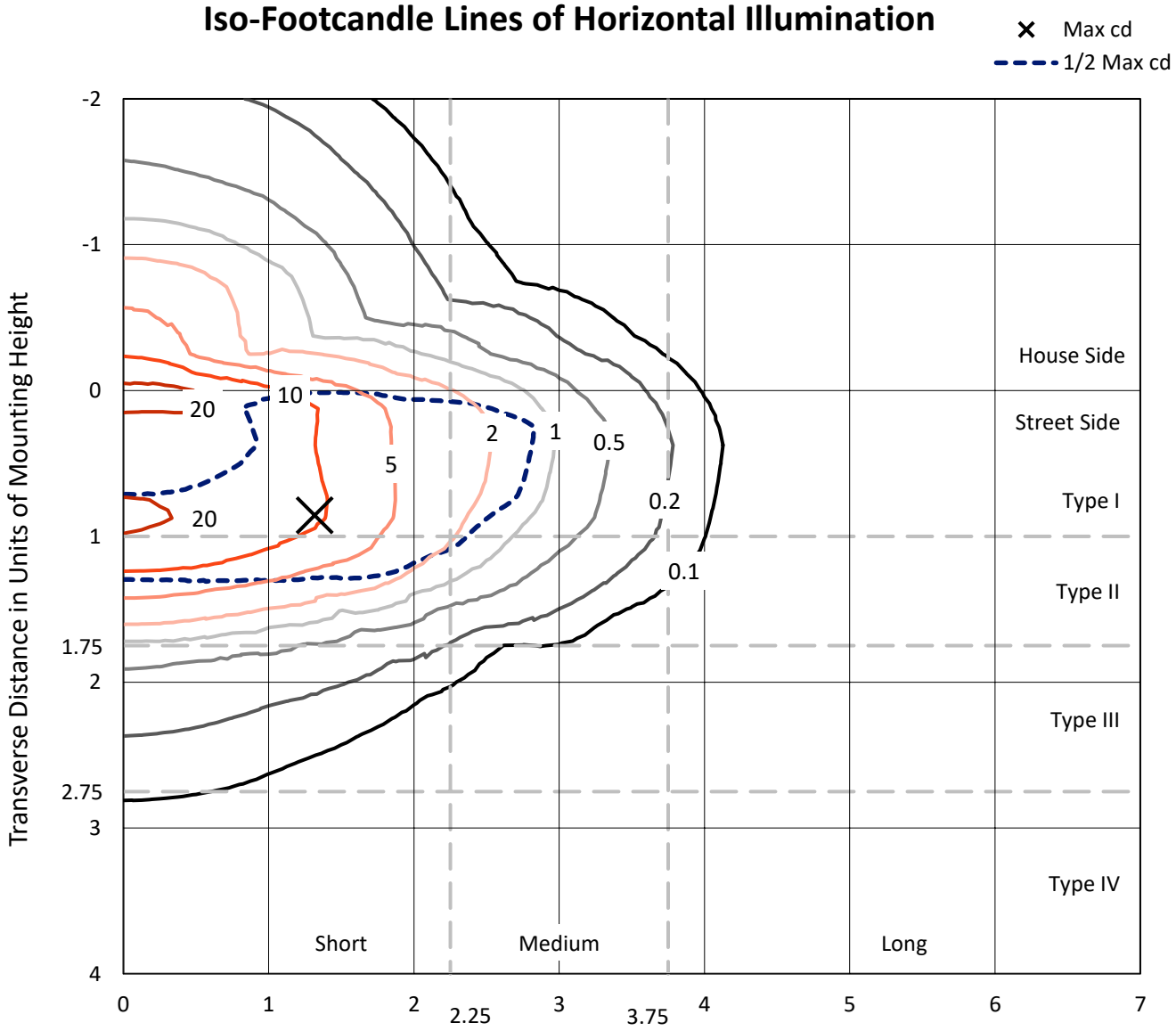


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Scaled Data Report

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

Iso-Footcandle Lines of Horizontal Illumination



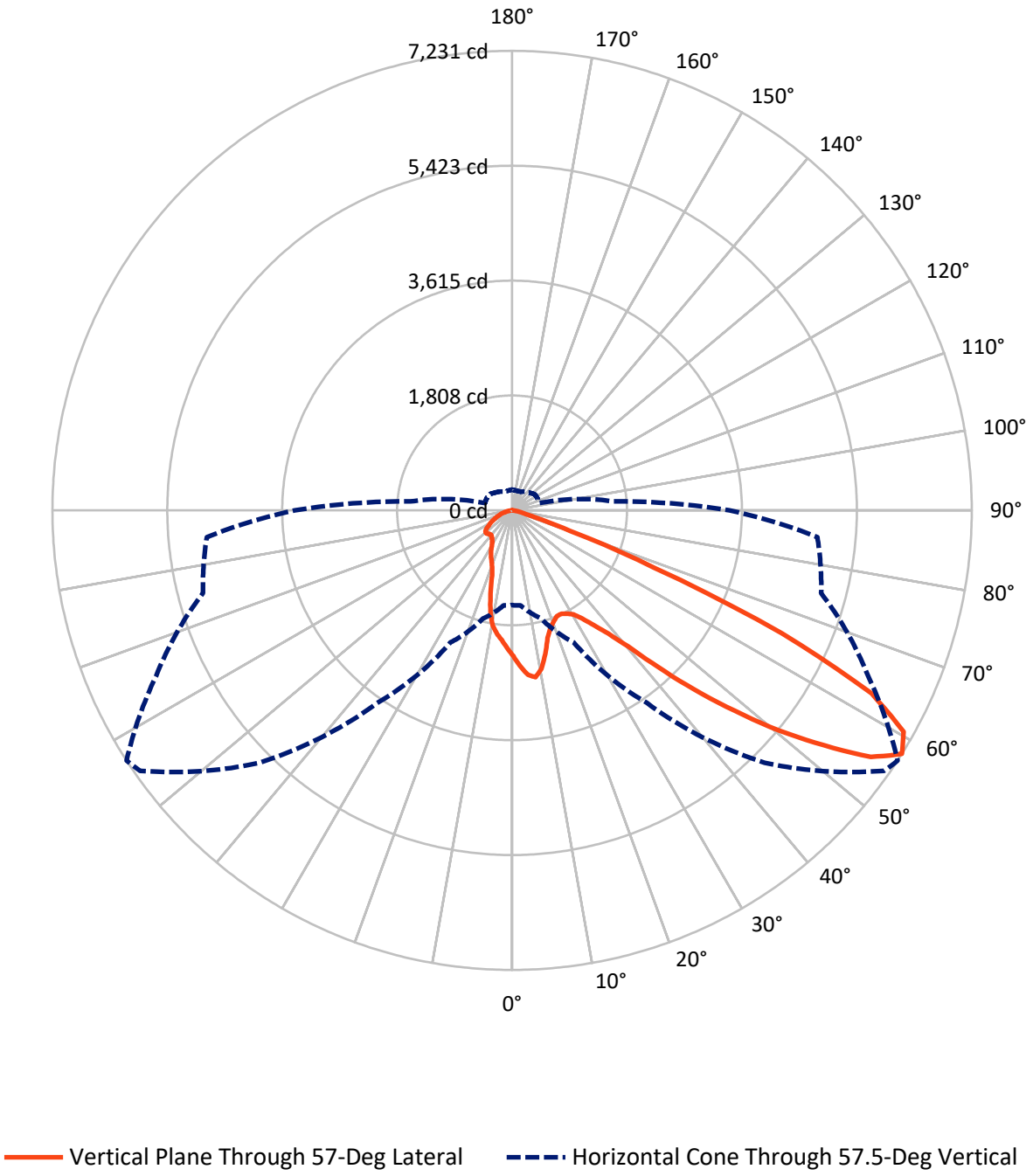
Based on 10 foot mounting height. Maximum calculated value = 23.2 fc
Type II - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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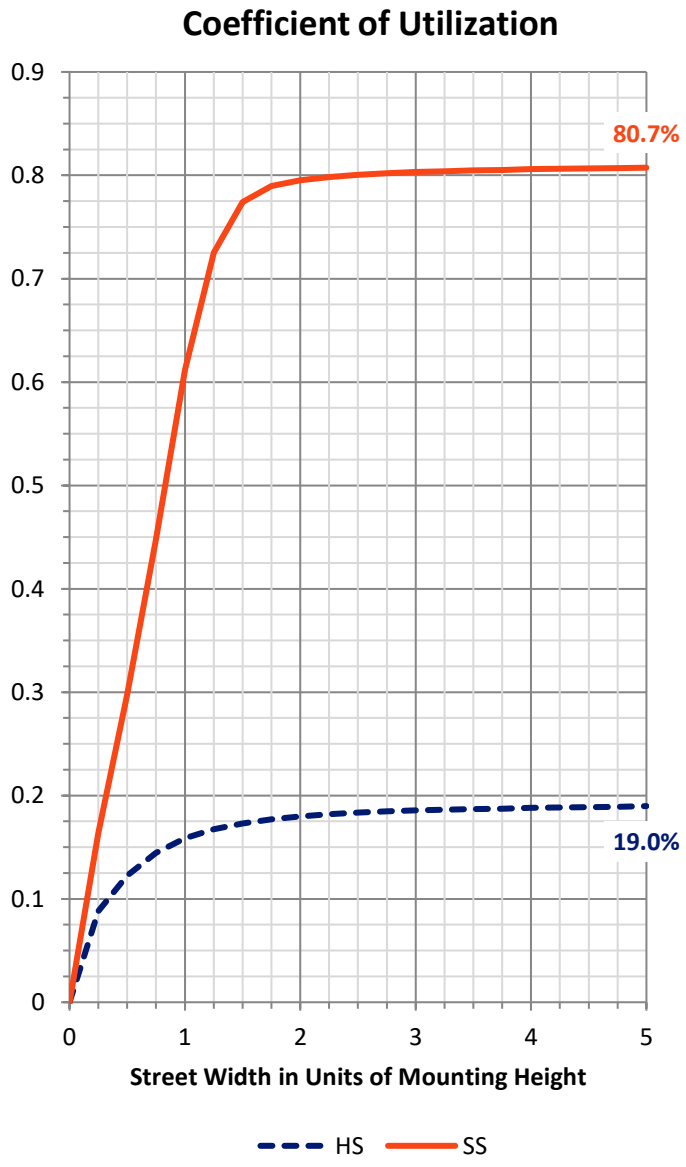
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1670.8	0.0	1670.8
	% Fixture	19.1	0.0	19.1
Street Side	Lumens	7055.5	0.0	7055.5
	% Fixture	80.9	0.0	80.9
Total	Lumens	8726.3	0.0	8726.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.9	2.4
10°-20°	480.0	5.5
20°-30°	708.9	8.1
30°-40°	1148.8	13.2
40°-50°	2028.0	23.2
50°-60°	2295.7	26.3
60°-70°	1417.0	16.2
70°-80°	401.8	4.6
80°-90°	40.2	0.5
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°	8726.3	100.0
0°-180°	8726.3	100.0



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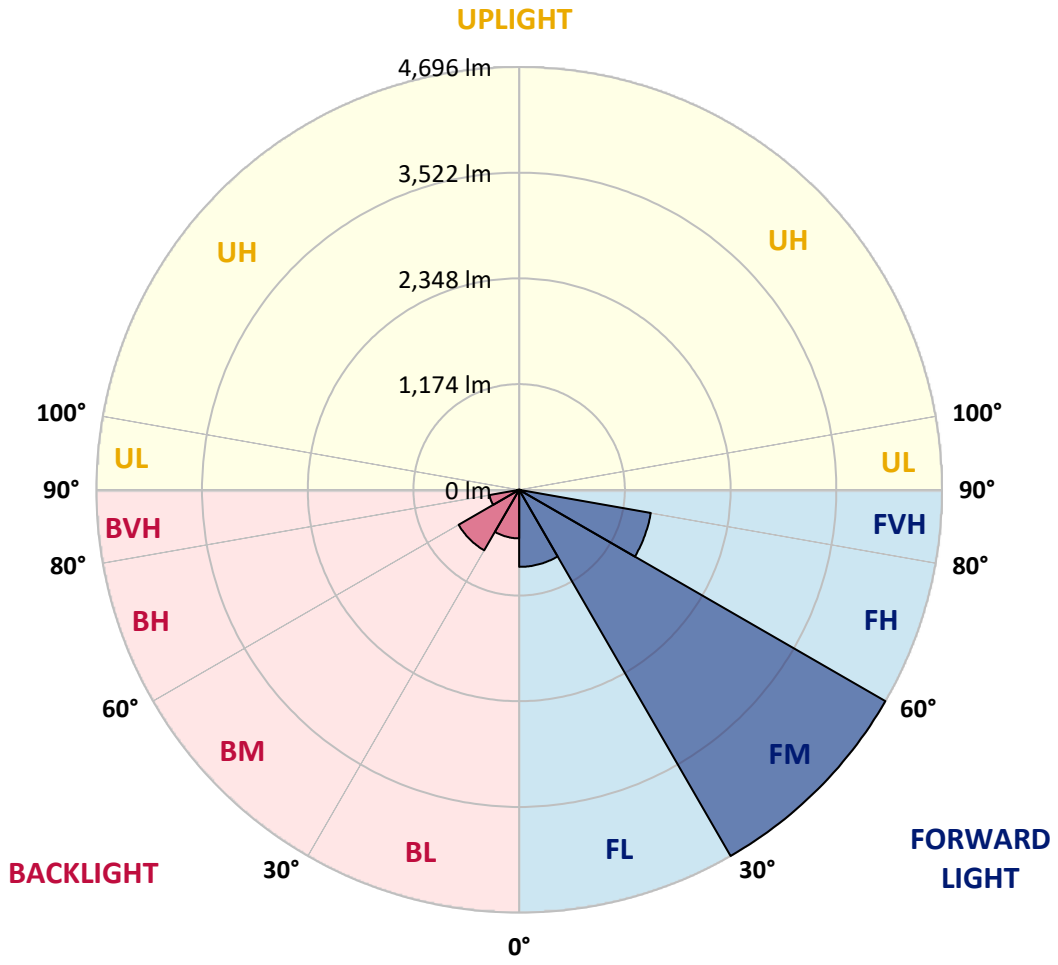
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	855.7	9.8			
FM	(30°-60°)	4696.2	53.8			
FH	(60°-80°)	1484.3	17.0			G1/1800
FVH	(80°-90°)	19.2	0.2			G1/100
BL	(0°-30°)	539.1	6.2	B2/1000		
BM	(30°-60°)	776.3	8.9	B1/1000		
BH	(60°-80°)	334.5	3.8	B1/500		G1/500
BVH	(80°-90°)	21.0	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	*2291.9*	2291.9	2291.9	2291.9
2.5°	2587.7	2568.0	2548.3	2520.7	2501.0	2485.2	2449.7	*2453.6*	2402.3	2370.8	2319.5
5°	2575.9	2552.2	2564.1	2583.8	2603.5	2603.5	2611.4	*2599.6*	2568.0	2485.2	2390.5
7.5°	2153.8	2138.0	2185.4	2252.4	2378.7	2520.7	2631.1	*2650.9*	2678.5	2627.2	2473.3
10°	1802.7	1790.9	1806.7	1889.5	2015.8	2236.7	2485.2	*2536.5*	2690.3	2733.7	2575.9
12.5°	1581.8	1573.9	1585.8	1645.0	1751.5	1932.9	2248.5	*2319.5*	2639.0	2808.7	2658.8
15°	1479.3	1475.3	1483.2	1526.6	1589.7	1735.7	2015.8	*2082.8*	2501.0	2883.6	2745.5
17.5°	1412.2	1408.3	1420.1	1447.7	1518.7	1633.1	1885.6	*1948.7*	2355.0	2930.9	2840.2
20°	1384.6	1376.7	1368.8	1408.3	1471.4	1585.8	1794.9	*1865.9*	2224.8	2978.3	2919.1
22.5°	1412.2	1400.4	1396.4	1420.1	1475.3	1589.7	1763.3	*1806.7*	2145.9	2986.2	3009.8
25°	1495.1	1499.0	1471.4	1475.3	1510.8	1597.6	1759.4	*1802.7*	2126.2	2966.4	3076.9
27.5°	1672.6	1660.7	1633.1	1613.4	1613.4	1660.7	1790.9	*1842.2*	2102.5	2950.7	3144.0
30°	2015.8	1984.2	1913.2	1830.4	1775.1	1794.9	1873.7	*1897.4*	2134.1	2970.4	3203.1
32.5°	2556.2	2556.2	2402.3	2205.1	2043.4	1976.3	2007.9	*2027.6*	2213.0	2974.3	3266.2
35°	3380.6	3376.7	3151.8	2781.0	2469.4	2264.3	2197.2	*2216.9*	2339.2	3037.4	3360.9
37.5°	4295.8	4232.7	3964.5	3558.1	3076.9	2690.3	2485.2	*2461.5*	2528.6	3159.7	3522.6
40°	4911.2	4859.9	4646.9	4319.5	3869.8	3282.0	2867.8	*2816.5*	2777.1	3313.6	3688.3
42.5°	5416.1	5380.6	5187.3	4946.7	4556.2	4051.2	3447.7	*3368.8*	3108.4	3566.0	3925.0
45°	5554.2	5502.9	5479.2	5380.6	5132.1	4737.6	4122.2	*4019.7*	3577.9	3826.4	4102.5
47.5°	5356.9	5349.1	5388.5	5597.6	5562.1	5376.7	4911.2	*4714.0*	4094.6	4118.3	4303.7
50°	4382.6	4402.3	4919.1	5443.7	5763.3	5928.9	5577.9	*5447.7*	4674.5	4426.0	4500.9
52.5°	3514.8	3566.0	3810.6	4800.7	5573.9	6248.5	6319.5	*6141.9*	5214.9	4717.9	4682.4
55°	2548.3	2595.6	2848.1	3672.5	4919.1	6189.3	6895.4	*6848.1*	5644.9	4923.0	4769.2
57.5°	*1491.1*	*1499.0*	*1763.3*	*2291.9*	*3700.2*	*5617.3*	*7143.9*	*7230.7*	*6181.4*	*5033.5*	*4820.5*
60°	658.8	674.5	781.1	1234.7	2236.7	4406.3	6855.9	*7076.9*	6666.6	5112.4	4816.5
62.5°	477.3	473.4	489.1	572.0	1140.0	2501.0	5846.1	*6347.1*	6532.5	4950.6	4441.8
65°	390.5	382.6	382.6	414.2	595.7	1199.2	3964.5	*4666.6*	5550.2	4757.3	4339.2
67.5°	331.4	327.4	327.4	331.4	406.3	579.9	1810.6	*2414.2*	4173.5	4583.8	4327.4
70°	272.2	272.2	276.1	272.2	303.7	362.9	710.1	*970.4*	2583.8	3767.2	3834.3
72.5°	228.8	224.8	228.8	228.8	232.7	248.5	288.0	*362.9*	1270.2	2639.0	2717.9
75°	169.6	173.6	177.5	181.5	173.6	181.5	177.5	*193.3*	481.3	1317.5	1305.7
77.5°	130.2	130.2	142.0	138.1	118.3	126.2	126.2	*130.2*	189.3	319.5	382.6
80°	106.5	102.6	110.5	102.6	86.8	82.8	82.8	*82.8*	94.7	138.1	138.1
82.5°	47.3	55.2	74.9	63.1	55.2	47.3	47.3	*47.3*	59.2	74.9	51.3
85°	15.8	19.7	27.6	31.6	23.7	19.7	19.7	*23.7*	31.6	31.6	19.7
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	*3.9*	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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Scaled Data Report

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9
2.5°	2303.7	2276.1	2236.7	2193.3	2161.7	2130.2	2098.6	2082.8	2067.0	2074.9	2078.9
5°	2339.2	2276.1	2181.4	2094.7	2035.5	1980.3	1925.0	1873.7	1834.3	1842.2	1850.1
7.5°	2382.6	2303.7	2161.7	2047.3	1929.0	1814.6	1716.0	1625.2	1562.1	1530.6	1530.6
10°	2449.7	2331.3	2142.0	1980.3	1802.7	1577.9	1384.6	1215.0	1136.1	1092.7	1076.9
12.5°	2501.0	2355.0	2122.3	1877.7	1570.0	1246.5	1025.6	986.2	986.2	994.1	998.0
15°	2560.1	2366.8	2071.0	1704.1	1262.3	970.4	950.7	974.3	1009.9	1021.7	1021.7
17.5°	2603.5	2382.6	1980.3	1455.6	974.3	919.1	962.5	1009.9	1041.4	1053.2	1061.1
20°	2654.8	2382.6	1881.6	1163.7	883.6	915.2	970.4	1013.8	1057.2	1073.0	1073.0
22.5°	2706.1	2370.8	1692.3	915.2	844.2	895.5	950.7	998.0	1029.6	1045.4	1045.4
25°	2729.8	2347.1	1467.4	792.9	800.8	852.1	891.5	919.1	946.7	950.7	950.7
27.5°	2761.3	2307.7	1199.2	710.1	737.7	773.2	792.9	796.8	804.7	808.7	808.7
30°	2761.3	2240.6	927.0	639.0	646.9	678.5	698.2	694.3	694.3	694.3	694.3
32.5°	2773.1	2173.5	729.8	579.9	587.8	623.3	650.9	650.9	643.0	643.0	650.9
35°	2808.7	2098.6	623.3	528.6	560.2	603.5	631.2	627.2	631.2	627.2	635.1
37.5°	2867.8	2031.5	556.2	497.0	536.5	587.8	615.4	623.3	631.2	627.2	631.2
40°	2974.3	1956.6	508.9	473.4	524.6	579.9	607.5	627.2	595.7	564.1	560.2
42.5°	3092.7	1881.6	481.3	465.5	520.7	575.9	595.7	568.0	497.0	465.5	461.5
45°	3183.4	1798.8	473.4	473.4	528.6	564.1	548.3	473.4	445.8	418.1	422.1
47.5°	3297.8	1704.1	473.4	497.0	548.3	552.3	457.6	437.9	406.3	386.6	386.6
50°	3364.9	1637.1	477.3	512.8	548.3	489.1	433.9	402.4	378.7	362.9	359.0
52.5°	3388.5	1597.6	477.3	508.9	536.5	437.9	406.3	374.7	351.1	347.1	347.1
55°	3424.0	1593.7	469.4	485.2	497.0	418.1	382.6	343.2	331.4	331.4	335.3
57.5°	*3416.1*	*1605.5*	*441.8*	*441.8*	*437.9*	*390.5*	*359.0*	*323.5*	*315.6*	*319.5*	*327.4*
60°	3349.1	1589.7	406.3	402.4	394.5	351.1	339.2	307.7	299.8	307.7	307.7
62.5°	3076.9	1435.9	359.0	355.0	347.1	311.6	315.6	303.7	284.0	288.0	291.9
65°	3112.4	1408.3	343.2	311.6	295.9	280.1	288.0	280.1	260.4	264.3	268.2
67.5°	2998.0	1167.6	315.6	260.4	256.4	252.5	240.6	248.5	232.7	236.7	244.6
70°	2552.2	907.3	272.2	217.0	217.0	213.0	213.0	217.0	205.1	217.0	228.8
72.5°	1645.0	650.9	232.7	177.5	185.4	169.6	185.4	185.4	177.5	193.3	197.2
75°	856.0	477.3	189.3	142.0	142.0	138.1	149.9	149.9	149.9	165.7	169.6
77.5°	362.9	276.1	138.1	102.6	102.6	110.5	114.4	118.3	138.1	240.6	272.2
80°	165.7	138.1	86.8	63.1	67.1	74.9	82.8	86.8	205.1	193.3	189.3
82.5°	71.0	74.9	55.2	43.4	39.4	39.4	47.3	126.2	110.5	90.7	90.7
85°	19.7	27.6	23.7	15.8	15.8	15.8	23.7	43.4	35.5	35.5	31.6
87.5°	7.9	7.9	3.9	3.9	3.9	3.9	3.9	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

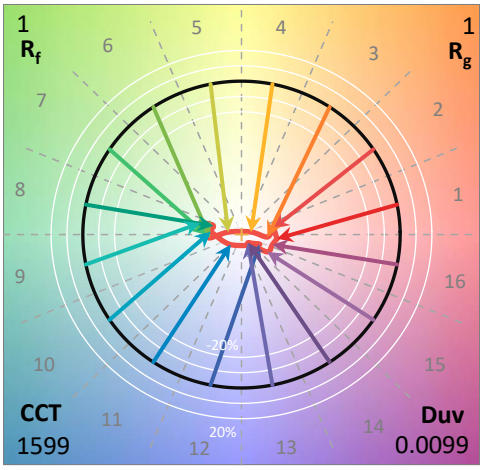
Test Information

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

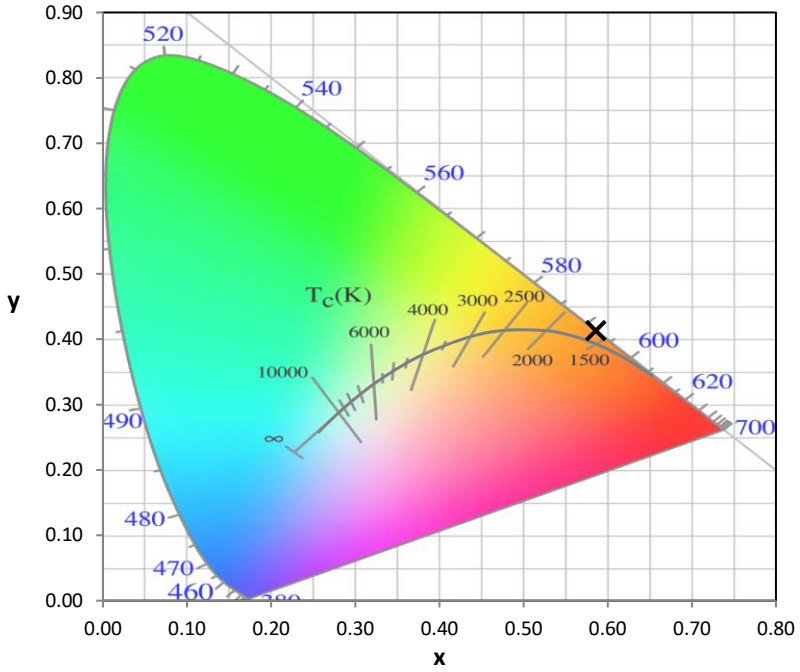
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

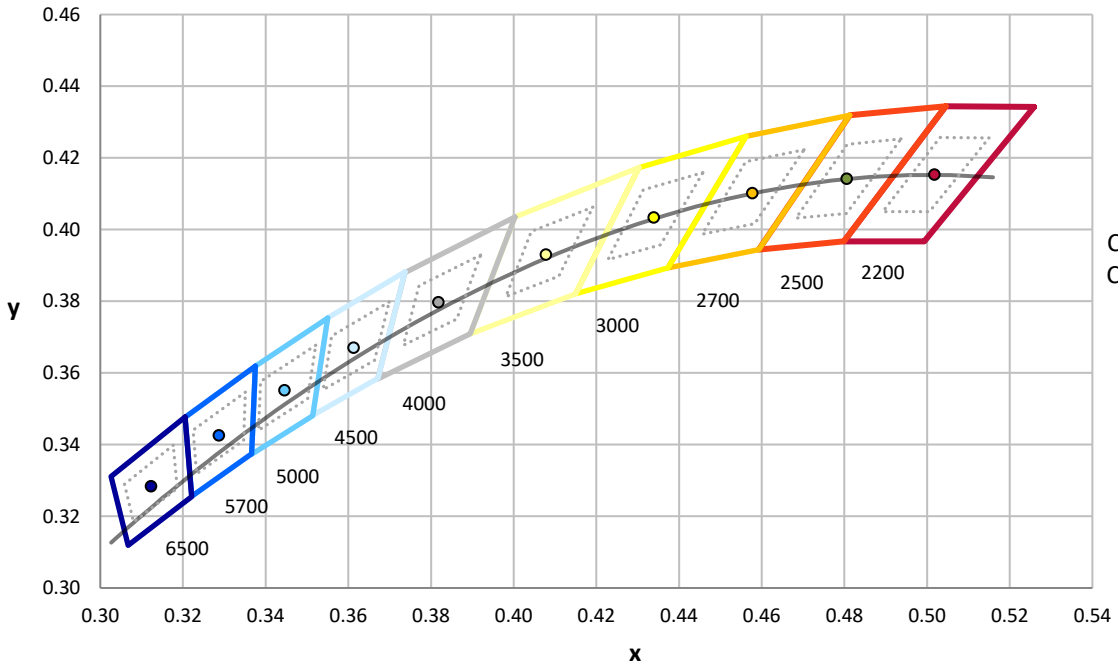
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

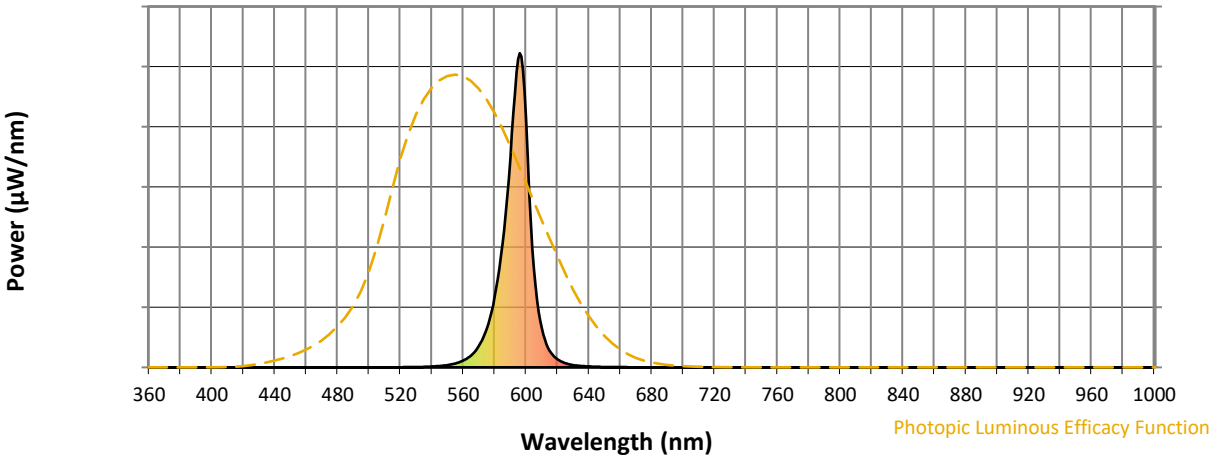


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

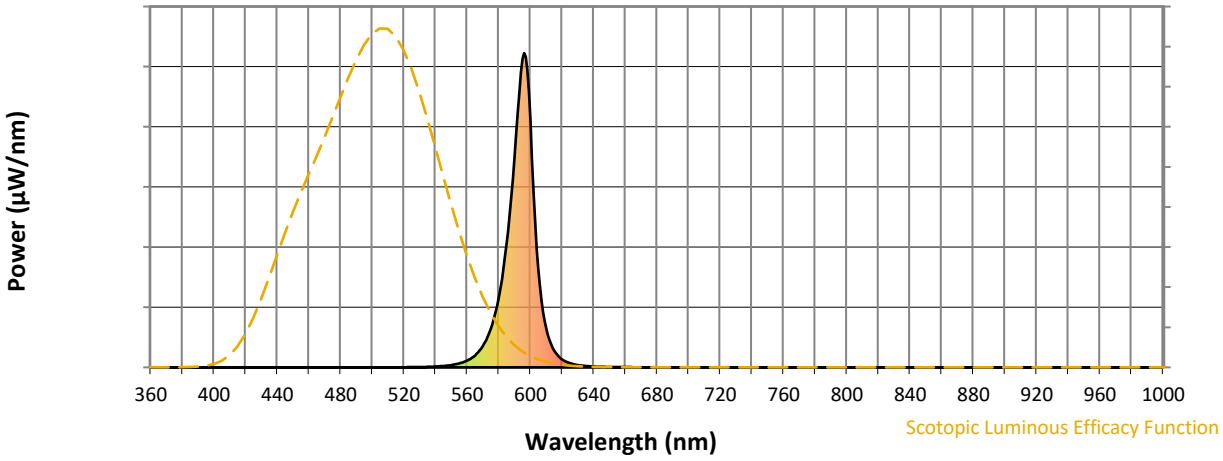


Photopic Lumens: NR

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

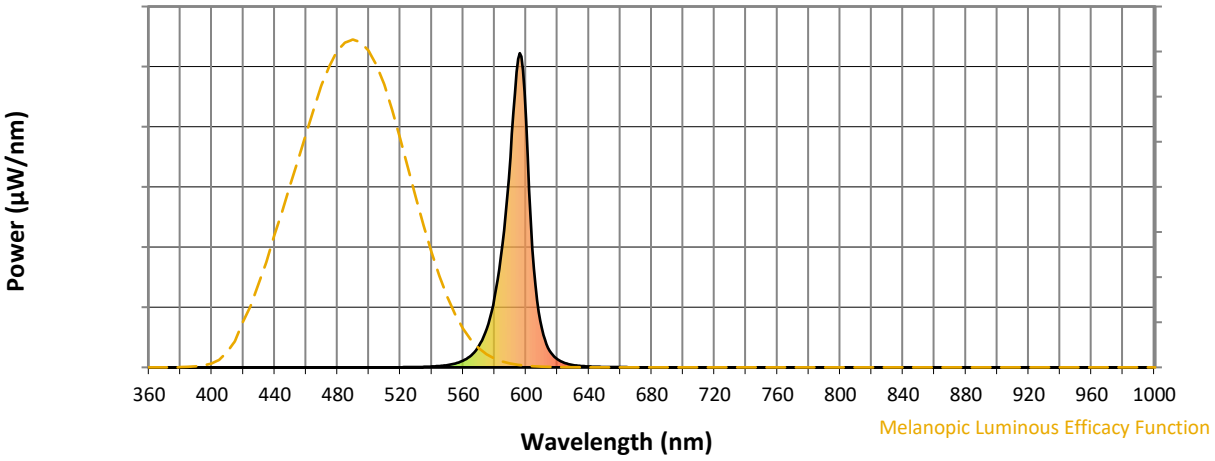


Scotopic Lumens: NR **S/P: 0.23**

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			

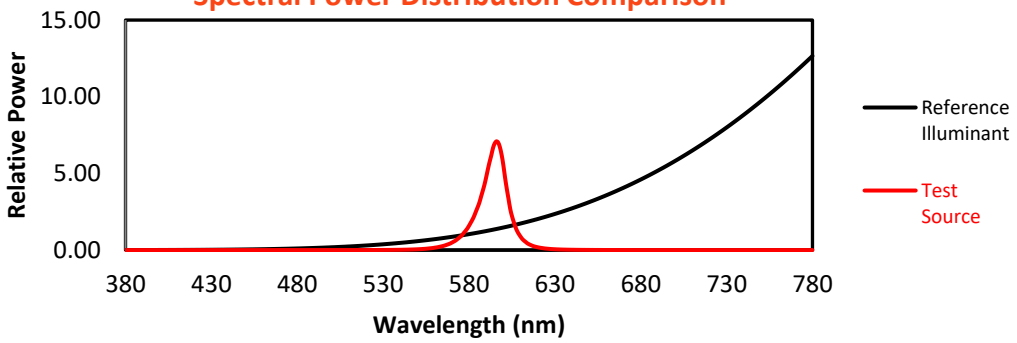
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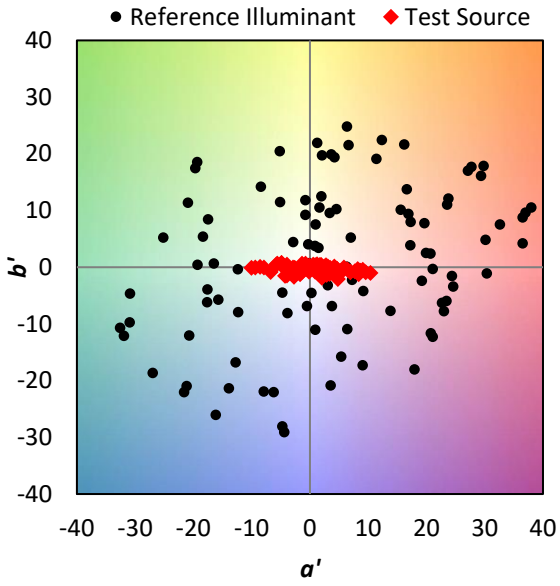
Summary

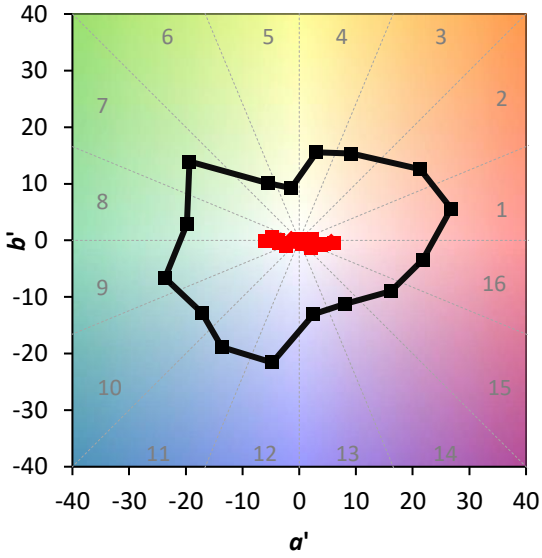
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

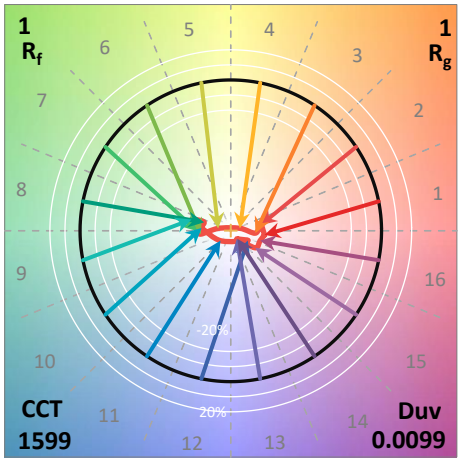
Spectral Power Distribution Comparison

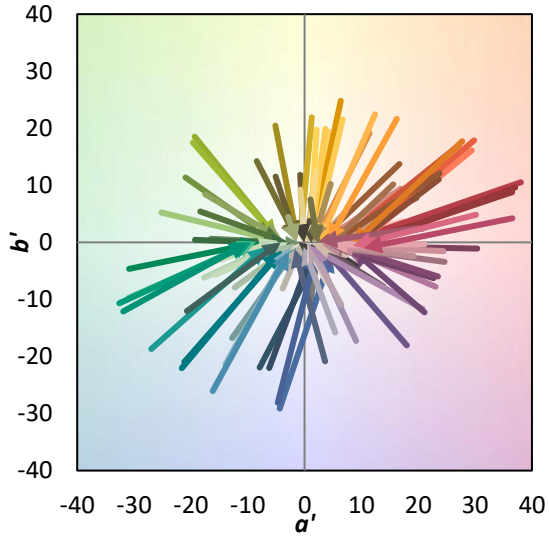


Color Vector Graphics







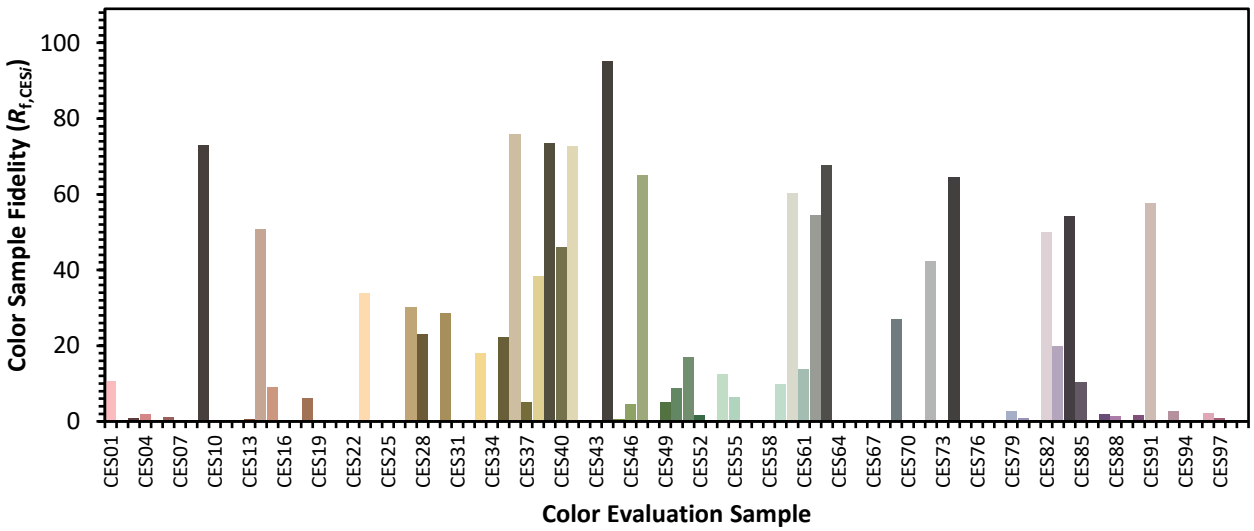


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Individual Sample Fidelity Index ($R_{f,i}$)

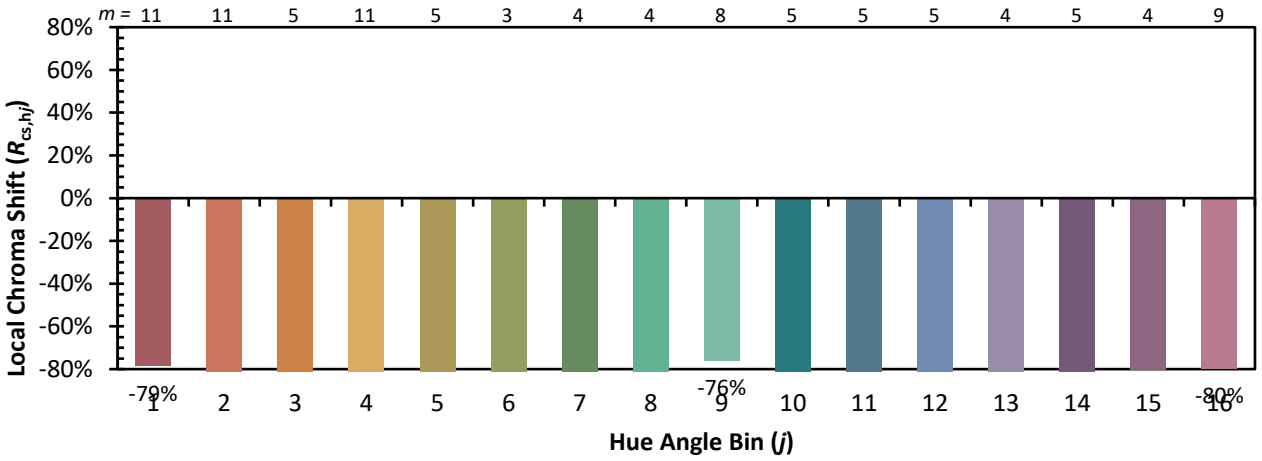
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

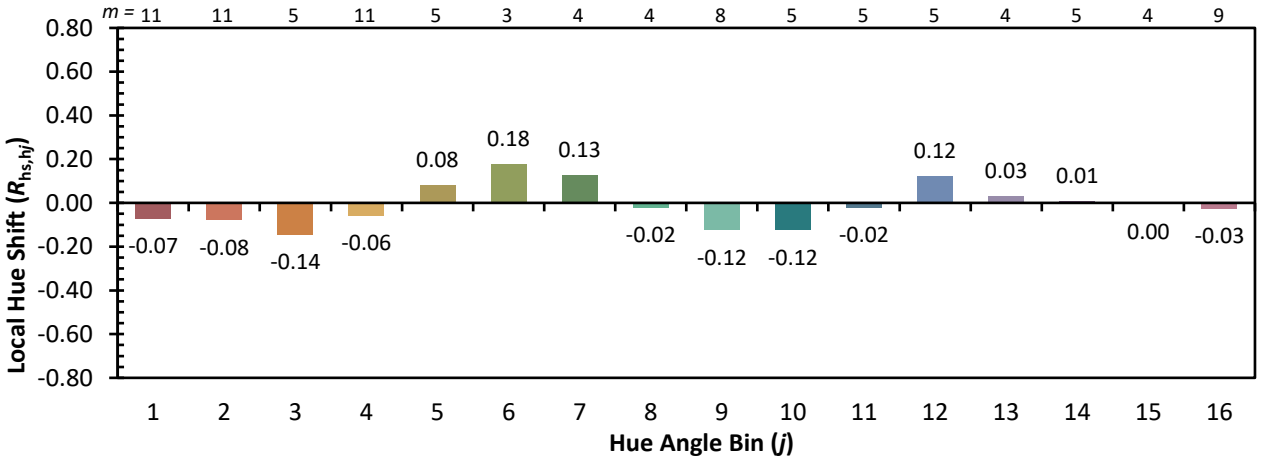


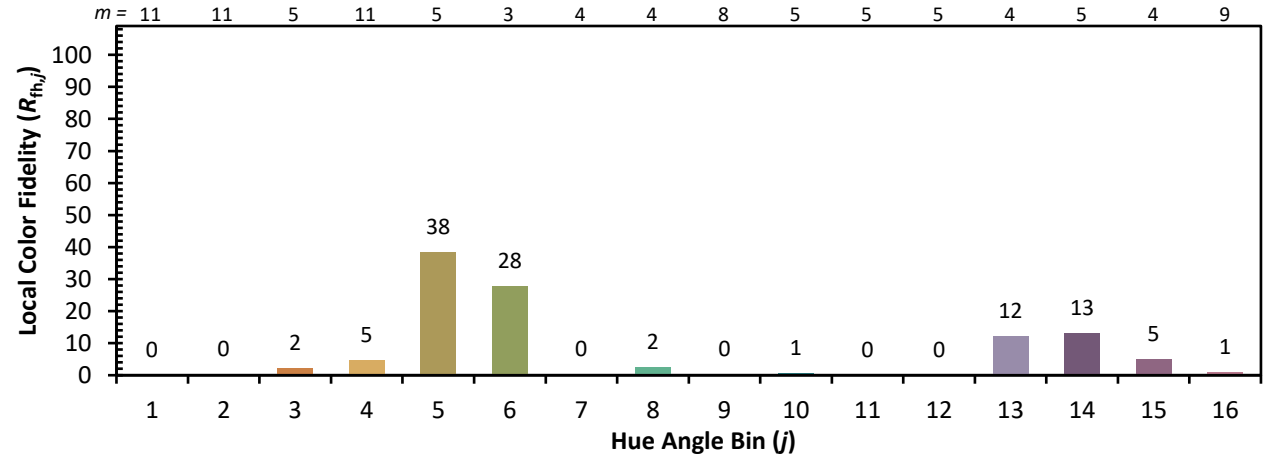
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Color Rendition by Hue-Angle Bin



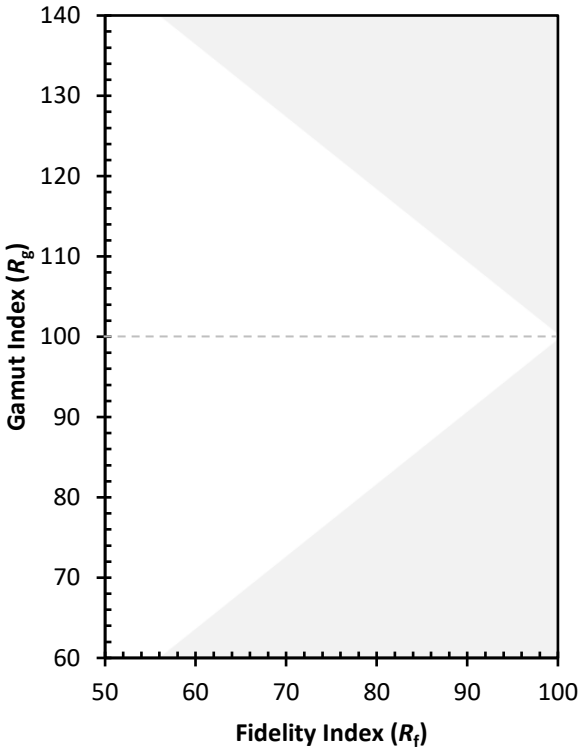


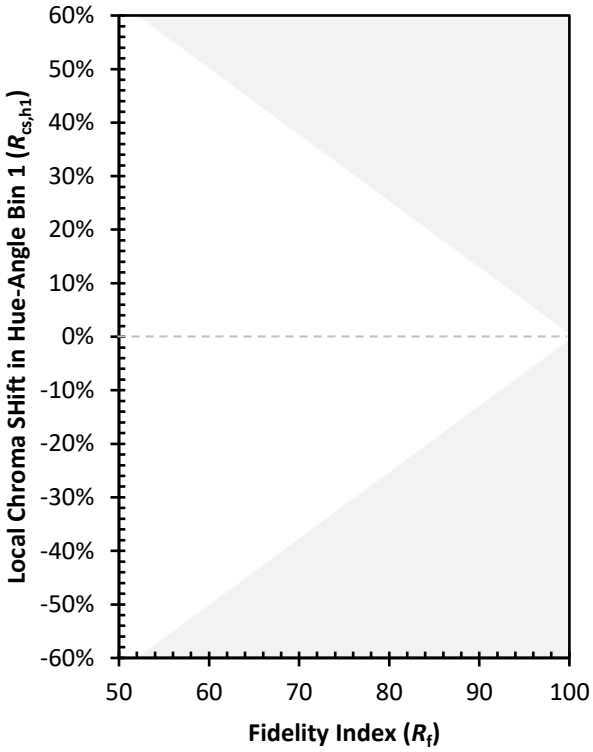


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Measure Comparisons





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