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-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:	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-SL2
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8326.3 lumens
Efficiency:	N/A
Efficacy:	64.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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

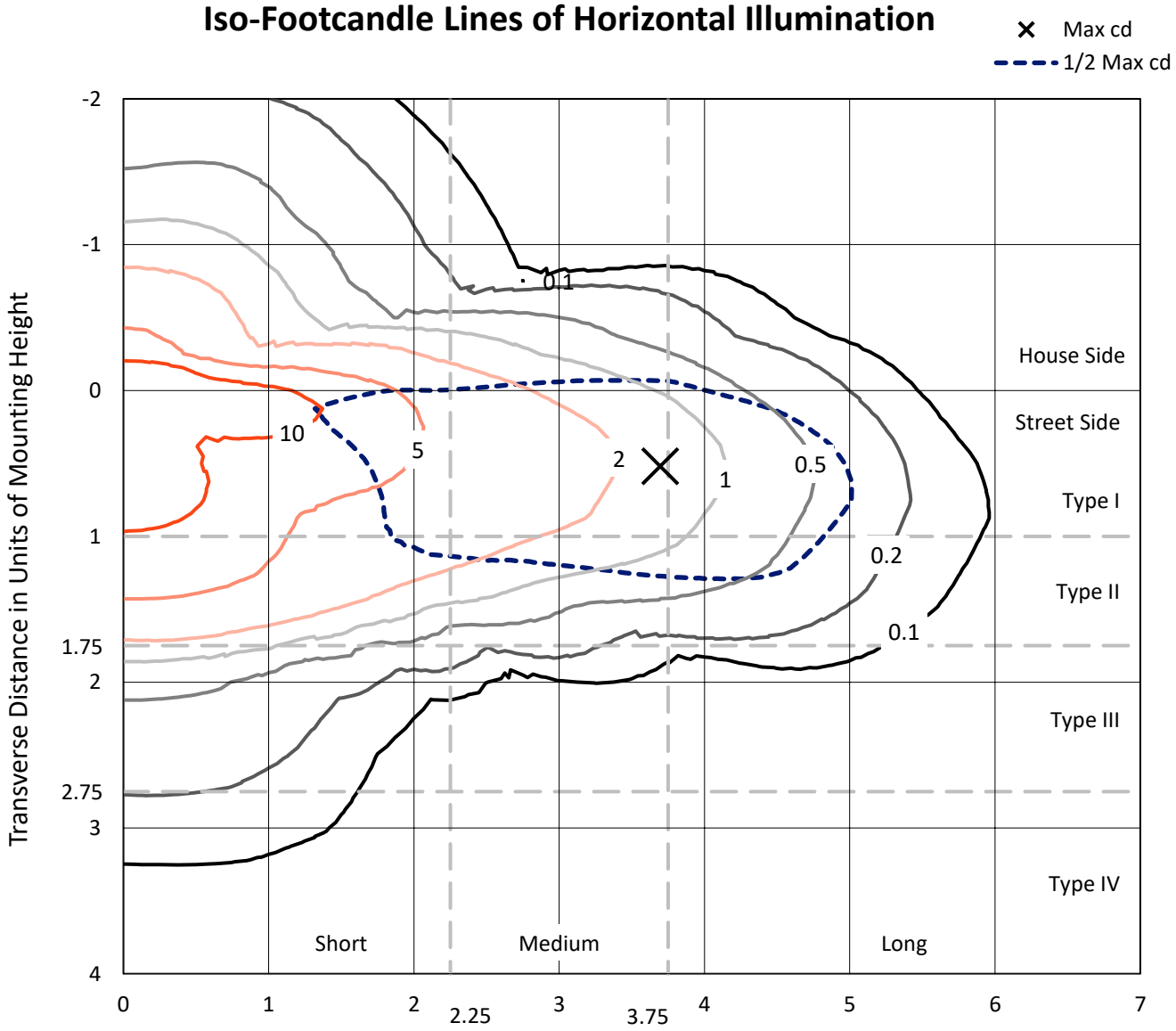


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



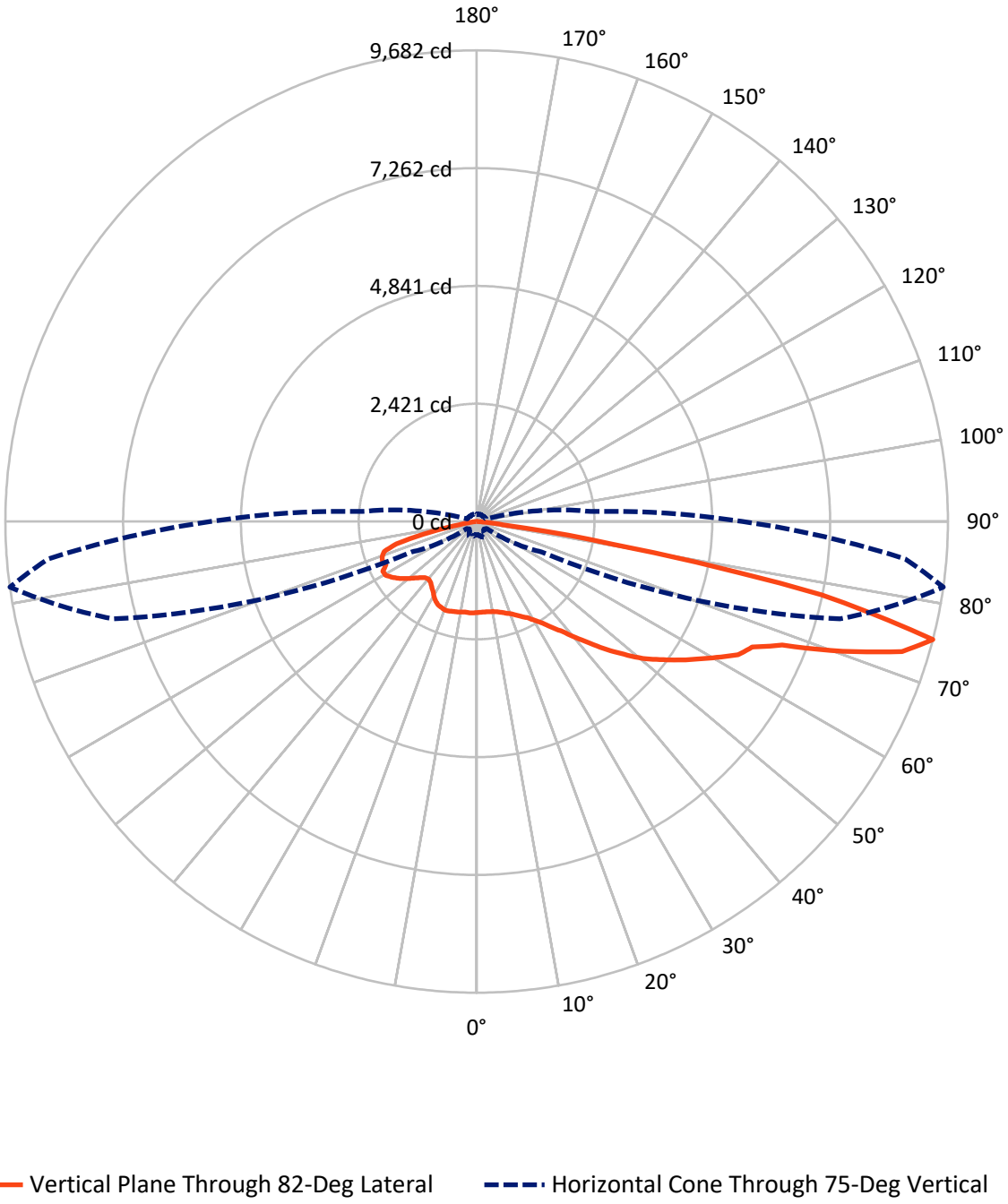
Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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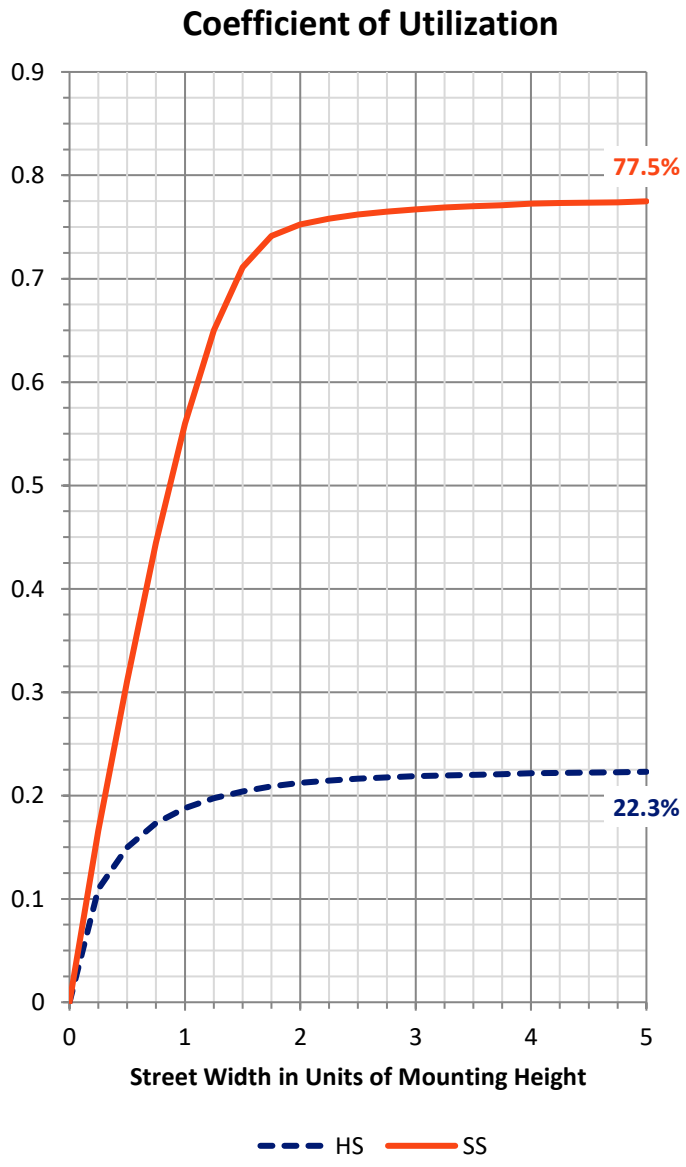
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1871.4	0.0	1871.4
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	6454.9	0.0	6454.9
	% Fixture	77.5	0.0	77.5
Total	Lumens	8326.3	0.0	8326.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.4	2.0
10°-20°	381.0	4.6
20°-30°	599.3	7.2
30°-40°	915.1	11.0
40°-50°	1336.5	16.1
50°-60°	1775.8	21.3
60°-70°	1786.6	21.5
70°-80°	1262.1	15.2
80°-90°	106.4	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°	8326.3	100.0
0°-180°	8326.3	100.0



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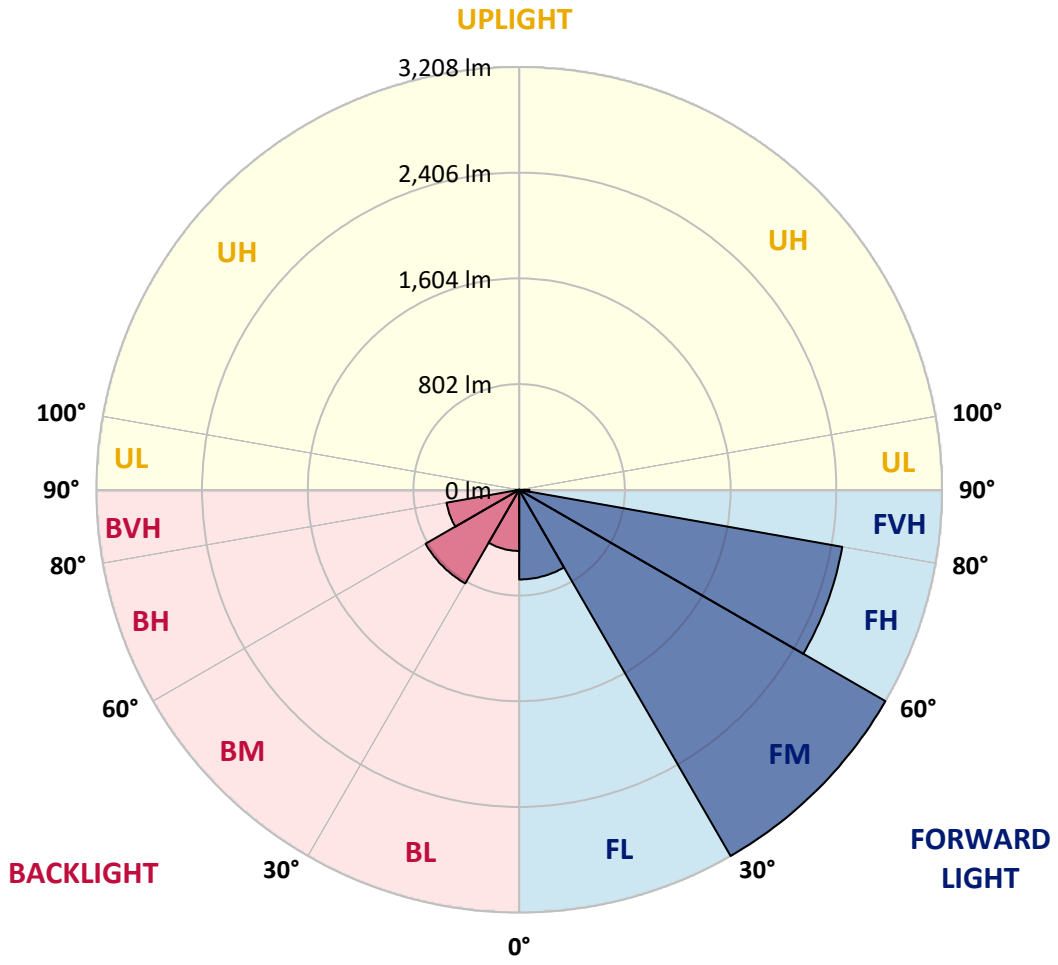
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	680.0	8.2			
FM	(30°-60°)	3208.0	38.5			
FH	(60°-80°)	2489.0	29.9			G2/5000
FVH	(80°-90°)	77.9	0.9			G1/100
BL	(0°-30°)	463.7	5.6	B1/500		
BM	(30°-60°)	819.5	9.8	B1/1000		
BH	(60°-80°)	559.7	6.7	B2/1000		G2/1000
BVH	(80°-90°)	28.5	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	*1870.2*	1870.2
2.5°	1874.1	1866.2	1858.3	1862.3	1854.4	1862.3	1870.2	1862.3	1866.2	*1866.2*	1862.3
5°	1712.3	1700.5	1704.4	1716.3	1763.6	1807.0	1838.6	1842.5	1862.3	*1866.2*	1862.3
7.5°	1479.6	1471.7	1495.3	1526.9	1582.1	1653.2	1740.0	1818.9	1858.3	*1870.2*	1866.2
10°	1278.3	1278.3	1286.2	1325.7	1400.6	1507.2	1621.6	1743.9	1866.2	*1882.0*	1889.9
12.5°	1219.2	1215.2	1219.2	1234.9	1274.4	1353.3	1526.9	1688.7	1878.0	*1905.7*	1909.6
15°	1242.8	1242.8	1231.0	1227.0	1234.9	1286.2	1412.5	1645.3	1870.2	*1937.2*	1949.1
17.5°	1325.7	1309.9	1298.1	1270.4	1254.7	1266.5	1345.4	1594.0	1866.2	*1980.6*	1988.5
20°	1420.4	1416.4	1384.9	1353.3	1309.9	1294.1	1333.6	1558.5	1889.9	*2024.0*	2051.6
22.5°	1554.5	1546.6	1515.1	1459.8	1400.6	1345.4	1353.3	1507.2	1905.7	*2091.1*	2095.0
25°	1700.5	1684.7	1645.3	1586.1	1503.2	1428.3	1388.8	1503.2	1933.3	*2166.1*	2181.8
27.5°	1858.3	1846.5	1803.1	1724.2	1629.5	1526.9	1455.9	1530.8	1996.4	*2241.0*	2268.6
30°	2051.6	2028.0	1964.8	1878.0	1775.5	1633.4	1546.6	1605.8	2079.3	*2355.4*	2371.2
32.5°	2233.1	2225.2	2162.1	2067.4	1913.6	1747.8	1649.2	1692.6	2177.9	*2493.5*	2505.4
35°	2323.9	2319.9	2316.0	2268.6	2079.3	1866.2	1751.8	1803.1	2316.0	*2675.0*	2671.1
37.5°	2430.4	2430.4	2406.7	2398.8	2272.6	2012.2	1870.2	1925.4	2485.6	*2868.4*	2860.5
40°	2529.0	2521.2	2529.0	2521.2	2438.3	2177.9	1980.6	2071.4	2667.1	*3132.7*	3105.1
42.5°	2639.5	2631.6	2647.4	2631.6	2552.7	2391.0	2110.8	2221.3	2892.0	*3420.7*	3397.1
45°	2726.3	2726.3	2746.0	2753.9	2682.9	2544.8	2237.1	2387.0	3132.7	*3756.1*	3740.3
47.5°	2769.7	2777.6	2828.9	2844.7	2801.3	2647.4	2347.6	2548.8	3361.5	*4075.7*	4079.6
50°	2777.6	2785.5	2856.5	2919.7	2911.8	2698.7	2454.1	2742.1	3621.9	*4422.9*	4415.0
52.5°	2738.2	2746.0	2844.7	2974.9	2978.8	2761.8	2576.4	2943.3	3894.2	*4710.9*	4746.4
55°	2706.6	2730.3	2832.9	3022.2	3073.5	2856.5	2742.1	3180.1	4170.4	*5022.6*	5058.1
57.5°	2367.3	2375.2	2564.6	2876.3	3199.8	3116.9	2982.8	3448.3	4497.8	*5334.3*	5365.8
60°	1361.2	1459.8	1791.2	2339.7	2978.8	3440.5	3460.2	3842.9	4884.5	*5665.7*	5701.2
62.5°	722.0	733.9	793.0	1144.2	2189.7	3294.5	4091.5	4545.2	5413.2	*6028.7*	6020.8
65°	639.2	643.1	651.0	623.4	832.5	2359.4	4012.5	5338.2	6052.4	*6222.0*	6115.5
67.5°	583.9	587.9	599.7	544.5	465.6	915.3	2888.1	5571.0	7196.5	*6770.4*	6498.2
70°	516.9	528.7	548.4	497.1	374.8	374.8	1365.1	4833.2	8470.9	*7981.7*	7385.9
72.5°	414.3	426.1	473.5	449.8	311.7	276.2	453.7	3223.5	8616.9	*9137.7*	8238.1
75°	*268.3*	*272.2*	*311.7*	*355.1*	*252.5*	*213.1*	*256.5*	*1483.5*	*7725.2*	*9682.2*	*8837.9*
77.5°	209.1	209.1	228.8	264.3	177.5	161.8	189.4	528.7	5618.4	*7243.9*	6581.1
80°	146.0	146.0	161.8	189.4	130.2	110.5	130.2	284.1	2154.2	*2817.1*	2469.9
82.5°	71.0	75.0	94.7	106.5	78.9	71.0	75.0	157.8	568.1	*552.4*	469.5
85°	27.6	31.6	39.5	47.3	39.5	35.5	43.4	71.0	118.4	*114.4*	102.6
87.5°	3.9	3.9	3.9	7.9	7.9	7.9	15.8	19.7	27.6	*27.6*	27.6
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-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2	1870.2
2.5°	1858.3	1874.1	1885.9	1866.2	1882.0	1866.2	1866.2	1866.2	1850.4	1850.4	1858.3
5°	1862.3	1885.9	1874.1	1850.4	1834.6	1803.1	1787.3	1767.6	1747.8	1747.8	1740.0
7.5°	1874.1	1882.0	1862.3	1811.0	1771.5	1712.3	1665.0	1605.8	1562.4	1526.9	1523.0
10°	1897.8	1901.7	1854.4	1783.4	1684.7	1550.6	1380.9	1286.2	1191.5	1144.2	1132.4
12.5°	1933.3	1921.4	1850.4	1743.9	1523.0	1294.1	1049.5	915.3	848.3	820.7	816.7
15°	1964.8	1937.2	1834.6	1649.2	1313.8	970.6	832.5	757.5	733.9	726.0	726.0
17.5°	2004.3	1968.8	1830.7	1455.9	1010.0	816.7	741.7	718.1	706.2	706.2	698.3
20°	2051.6	1992.5	1795.2	1254.7	840.4	733.9	710.2	702.3	698.3	694.4	690.5
22.5°	2095.0	2020.1	1661.0	966.6	733.9	690.5	686.5	670.7	662.8	654.9	651.0
25°	2146.3	2055.6	1503.2	797.0	666.8	654.9	635.2	619.4	611.5	603.7	599.7
27.5°	2209.5	2083.2	1286.2	678.6	623.4	619.4	599.7	587.9	587.9	580.0	580.0
30°	2276.5	2091.1	1033.7	607.6	603.7	595.8	591.8	591.8	591.8	591.8	591.8
32.5°	2379.1	2059.5	824.6	576.0	583.9	580.0	587.9	587.9	595.8	611.5	615.5
35°	2489.6	2028.0	694.4	544.5	548.4	552.4	556.3	552.4	556.3	572.1	580.0
37.5°	2604.0	1980.6	607.6	520.8	512.9	520.8	520.8	516.9	509.0	505.0	505.0
40°	2742.1	1957.0	568.1	516.9	505.0	516.9	509.0	497.1	469.5	445.8	441.9
42.5°	2931.5	1984.6	556.3	509.0	512.9	520.8	509.0	465.6	422.2	398.5	398.5
45°	3156.4	2071.4	548.4	509.0	520.8	524.7	485.3	434.0	410.3	382.7	382.7
47.5°	3404.9	2185.8	560.3	509.0	516.9	520.8	449.8	426.1	398.5	366.9	363.0
50°	3669.3	2323.9	572.1	497.1	501.1	477.4	441.9	414.3	386.7	359.0	351.1
52.5°	3945.5	2473.8	580.0	477.4	469.5	441.9	434.0	410.3	382.7	347.2	343.3
55°	4225.6	2615.8	583.9	449.8	445.8	410.3	422.2	410.3	366.9	323.5	311.7
57.5°	4466.3	2738.2	580.0	418.2	422.2	382.7	410.3	402.4	347.2	299.9	295.9
60°	4703.0	2864.4	560.3	390.6	394.5	359.0	394.5	382.7	327.5	284.1	276.2
62.5°	4849.0	2899.9	501.1	363.0	363.0	347.2	374.8	347.2	303.8	260.4	256.5
65°	4778.0	2757.9	434.0	331.4	331.4	323.5	339.3	307.7	272.2	236.7	232.8
67.5°	4951.6	2840.7	370.9	303.8	299.9	288.0	292.0	264.3	240.7	213.1	213.1
70°	5251.4	2836.8	288.0	272.2	260.4	248.6	244.6	228.8	213.1	193.3	189.4
72.5°	5468.4	2746.0	244.6	232.8	220.9	201.2	205.2	193.3	181.5	169.7	165.7
75°	*5460.5*	*2351.5*	*201.2*	*189.4*	*177.5*	*165.7*	*165.7*	*161.8*	*149.9*	*153.9*	*142.0*
77.5°	3775.8	1313.8	157.8	146.0	142.0	130.2	130.2	130.2	118.4	122.3	106.5
80°	1361.2	481.3	118.4	106.5	102.6	90.7	94.7	94.7	90.7	86.8	82.9
82.5°	232.8	146.0	78.9	71.0	63.1	55.2	59.2	63.1	67.1	102.6	102.6
85°	67.1	55.2	43.4	39.5	31.6	23.7	23.7	31.6	51.3	39.5	39.5
87.5°	27.6	23.7	19.7	11.8	7.9	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

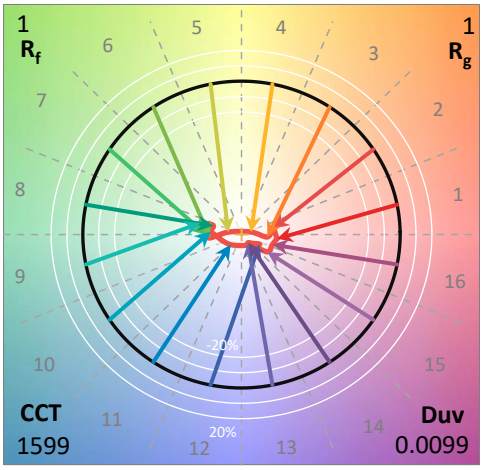
Test Information

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

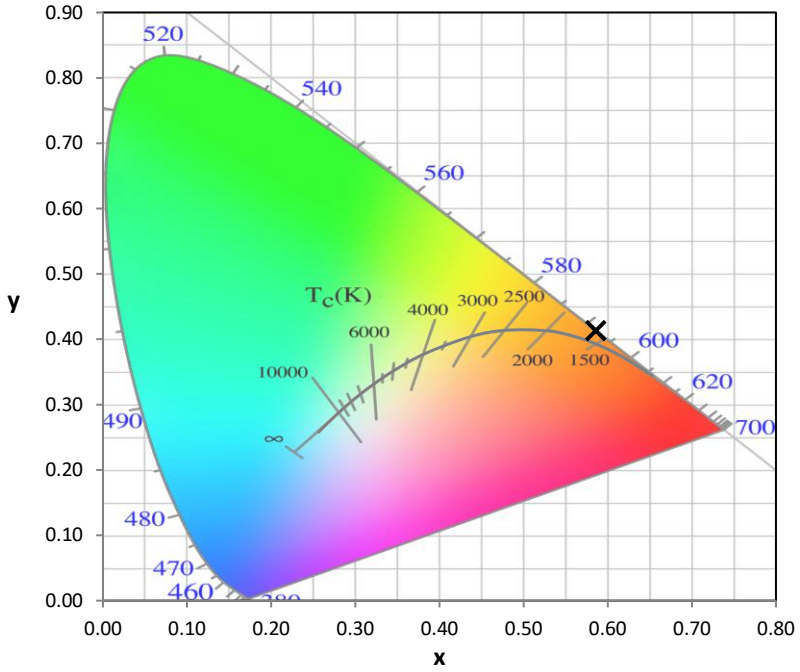
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

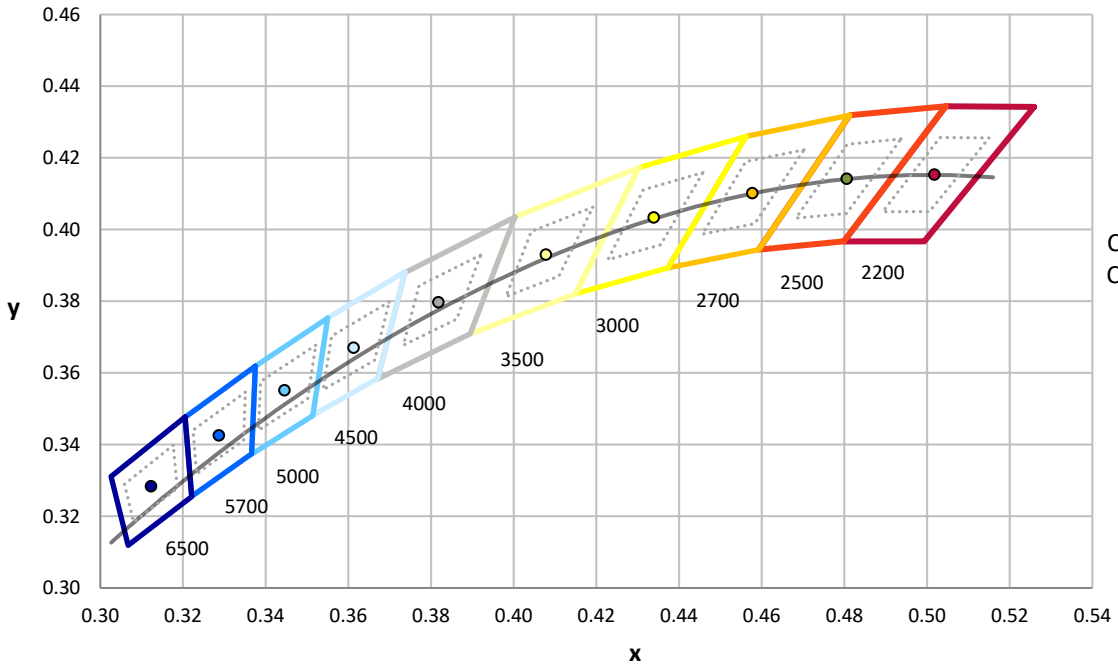
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

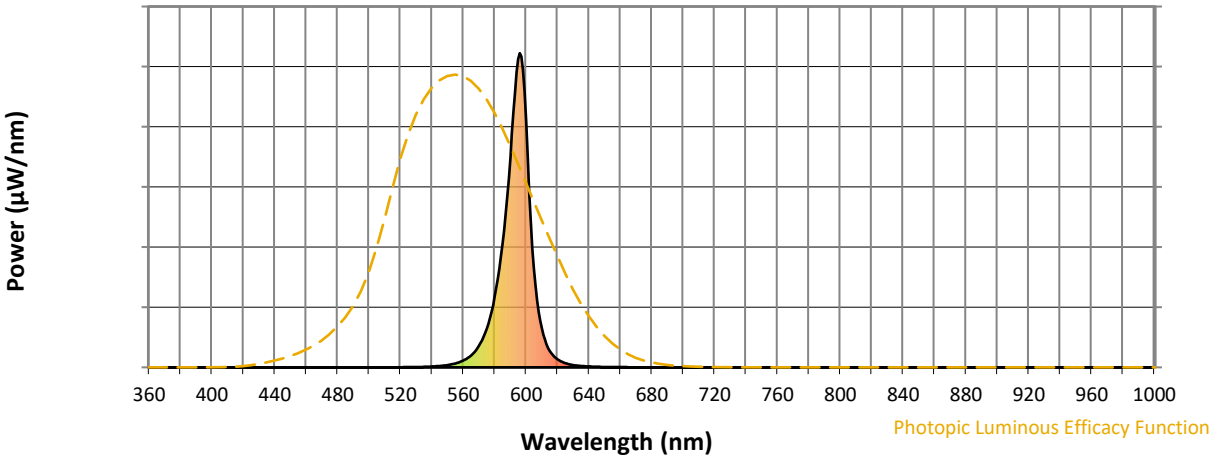


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

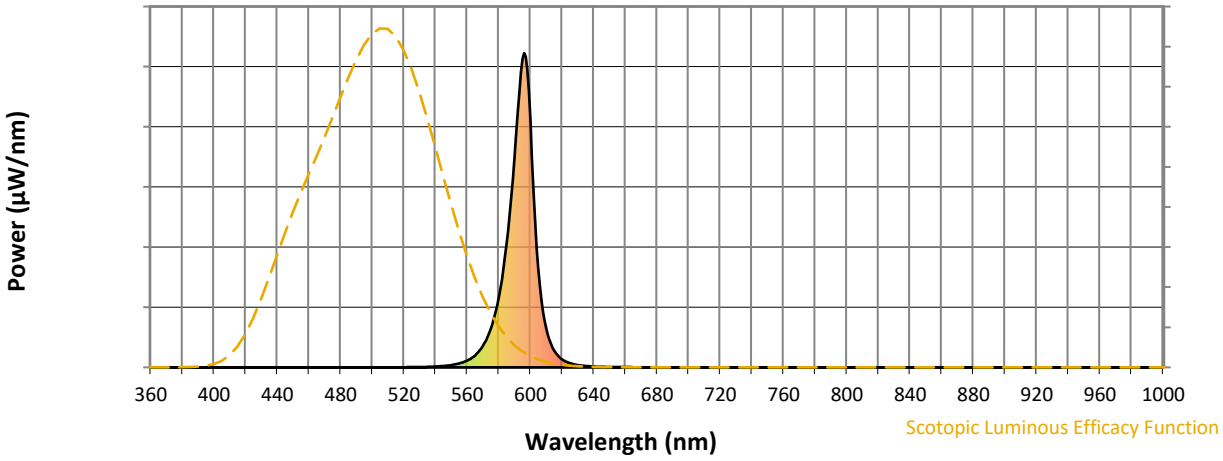


Photopic Lumens: NR

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

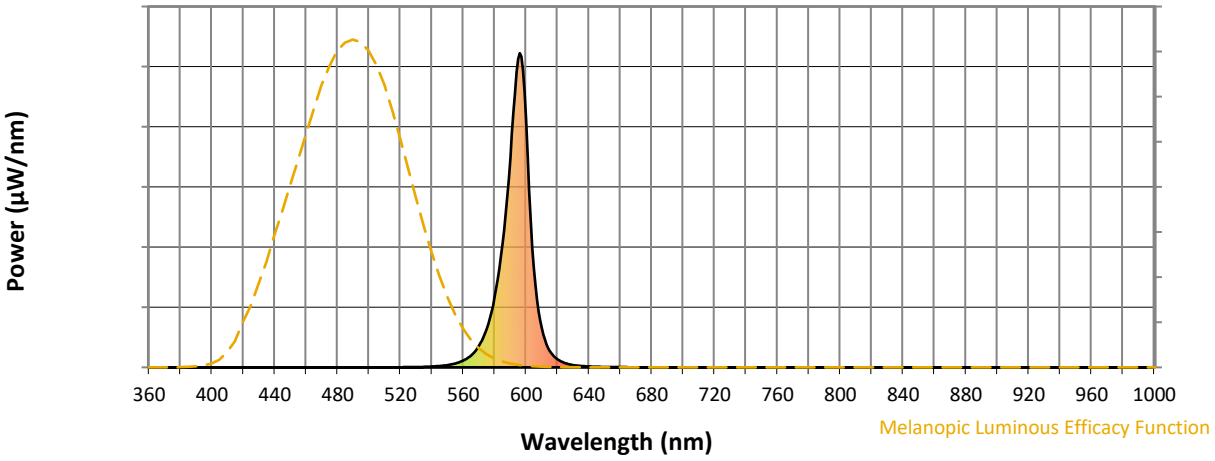


Scotopic Lumens: NR **S/P: 0.23**

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			

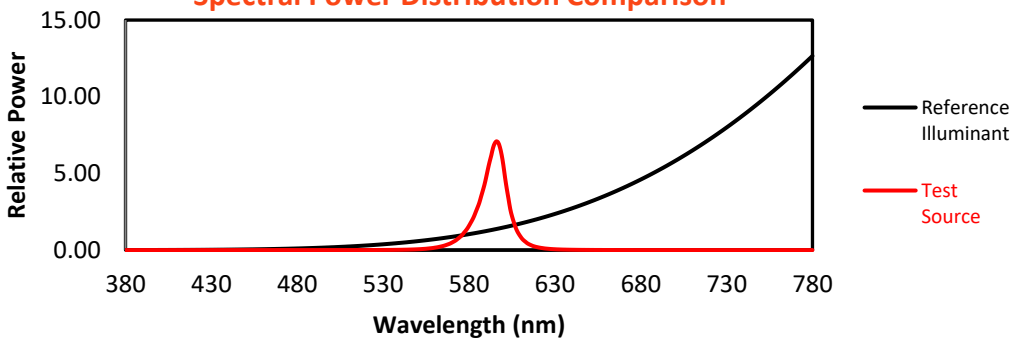
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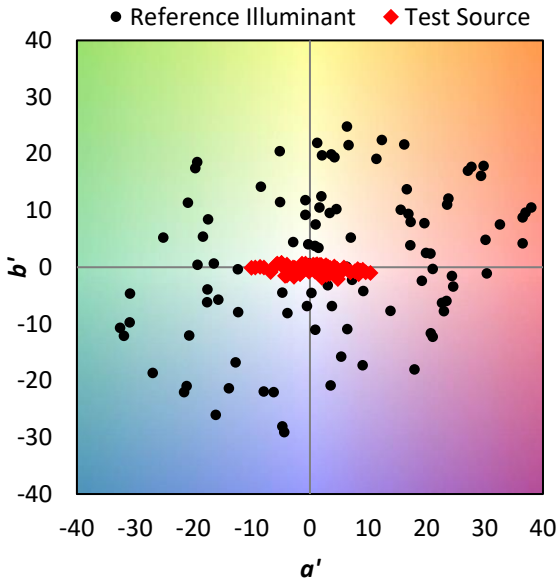
Summary

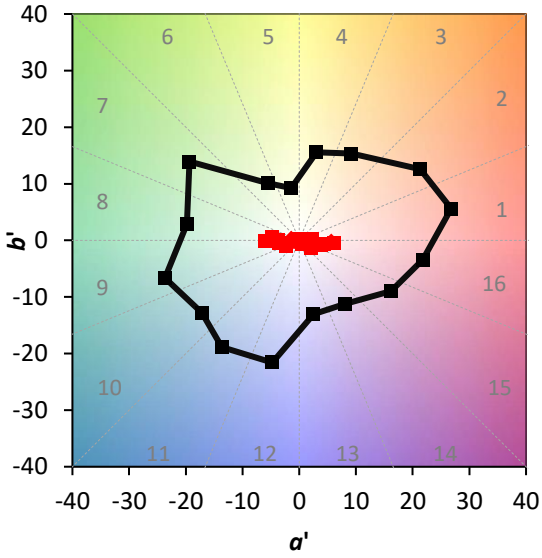
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

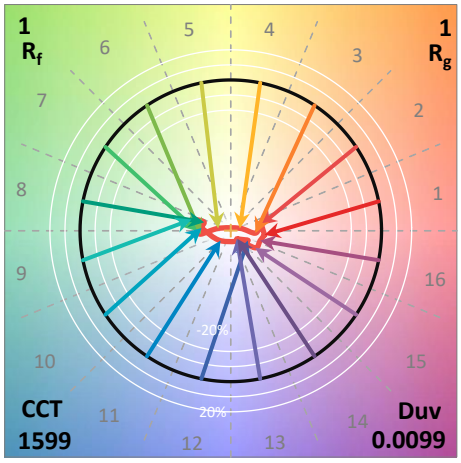
Spectral Power Distribution Comparison

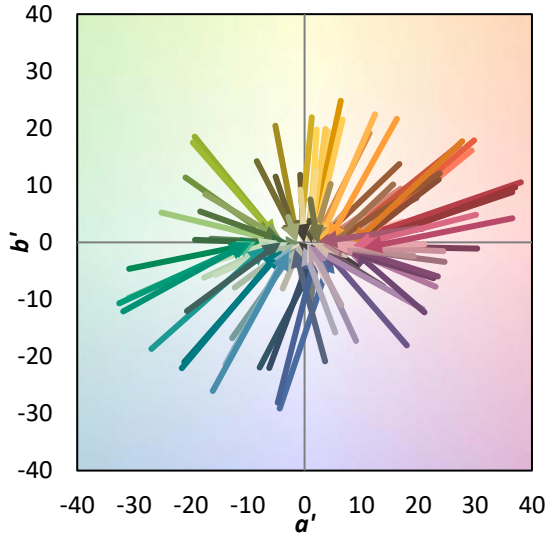


Color Vector Graphics







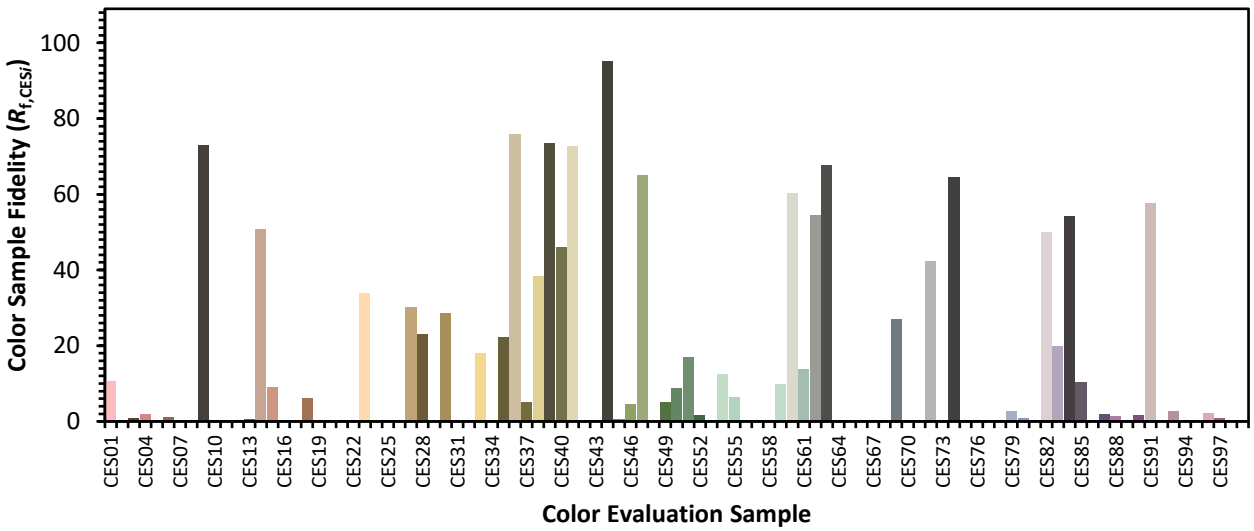


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Individual Sample Fidelity Index ($R_{f,i}$)

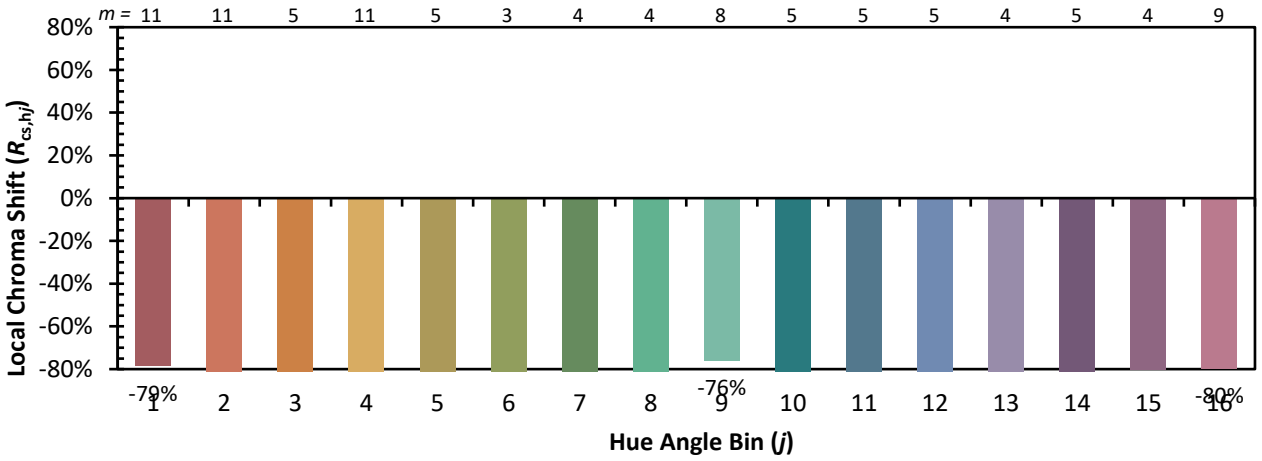
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

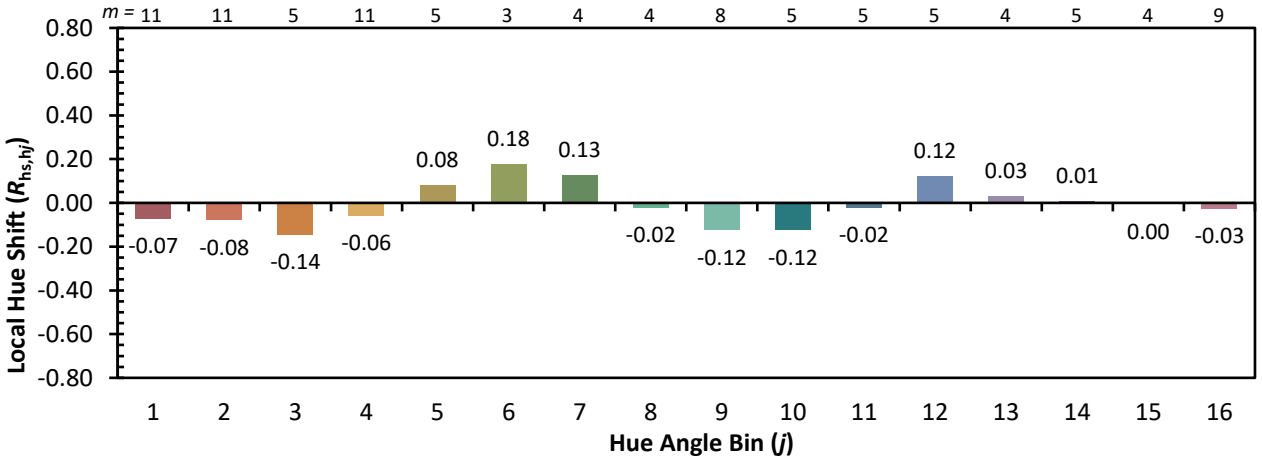


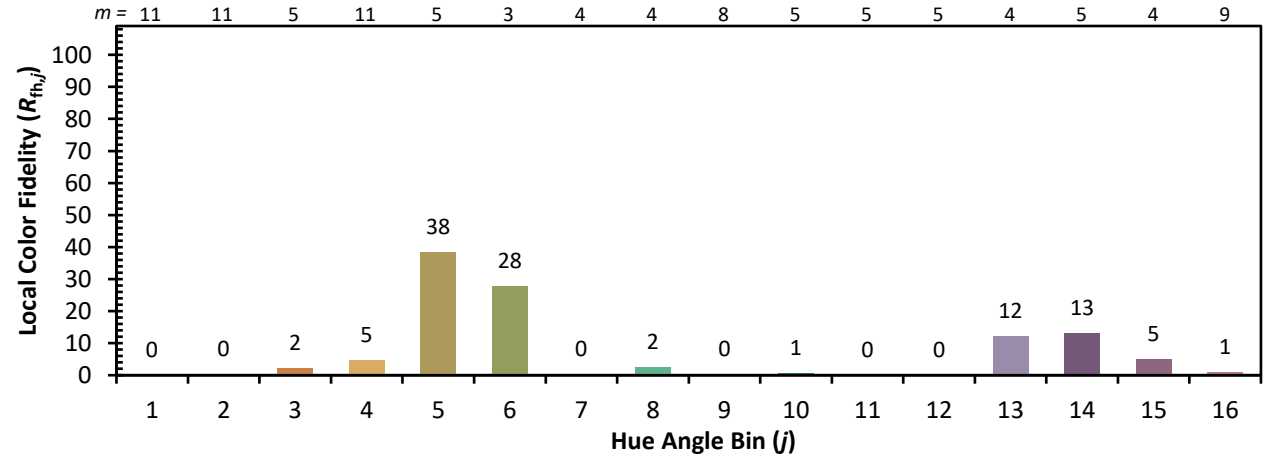
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Color Rendition by Hue-Angle Bin



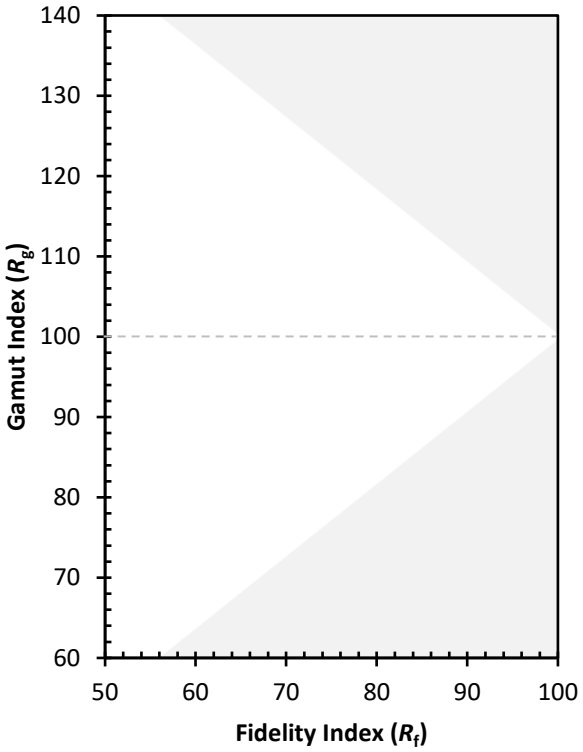


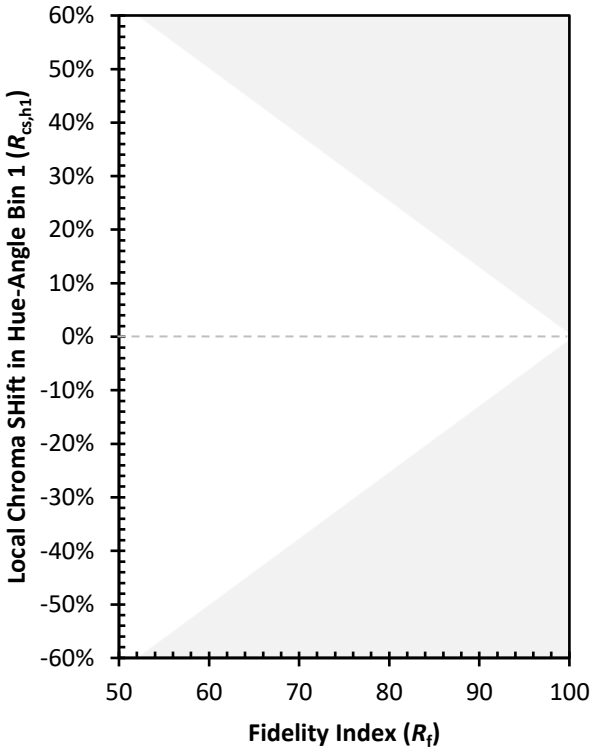


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Measure Comparisons





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