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

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

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8401.6 lumens
Efficiency:	N/A
Efficacy:	64.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
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

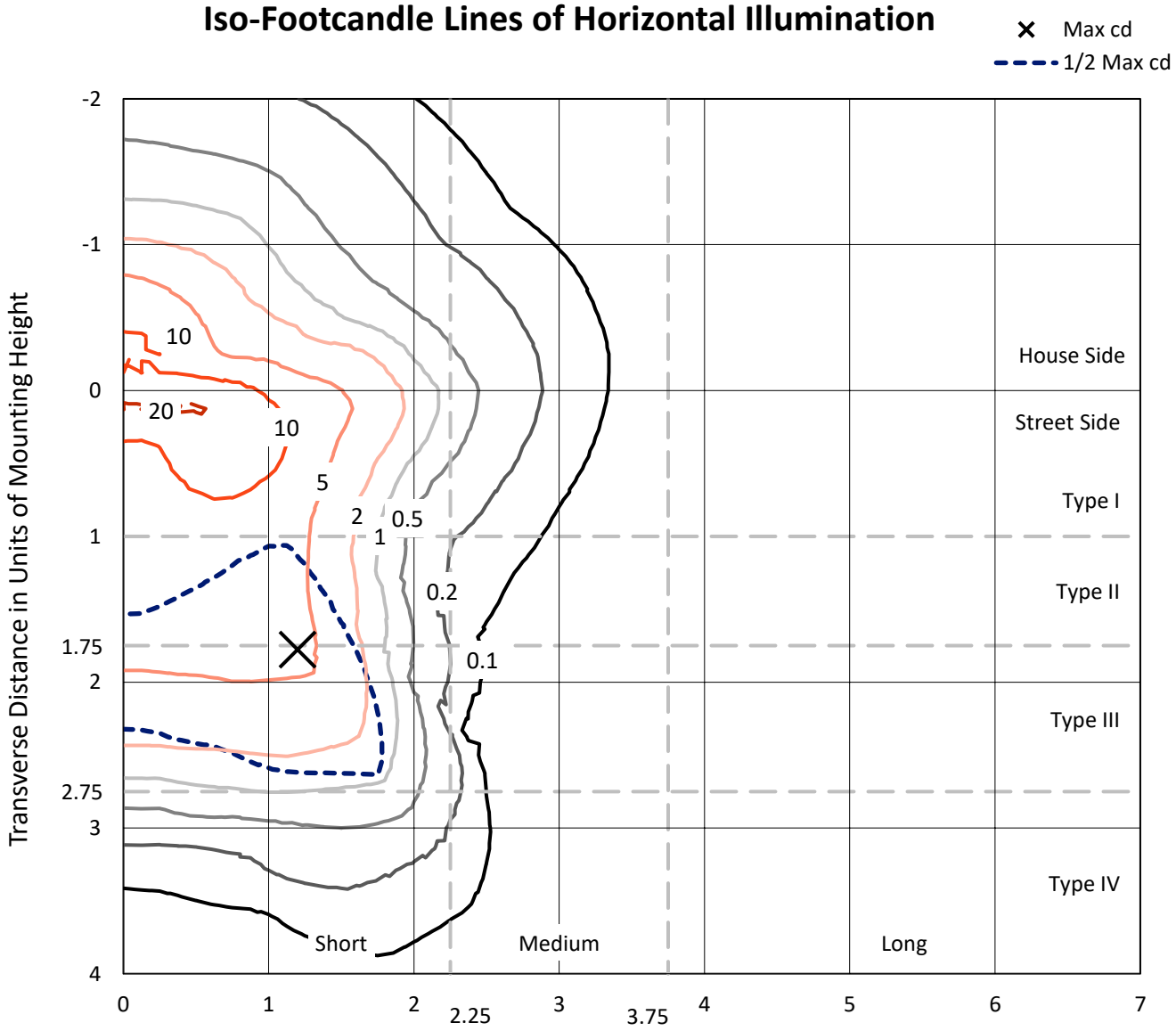


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Scaled Data Report

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

Iso-Footcandle Lines of Horizontal Illumination



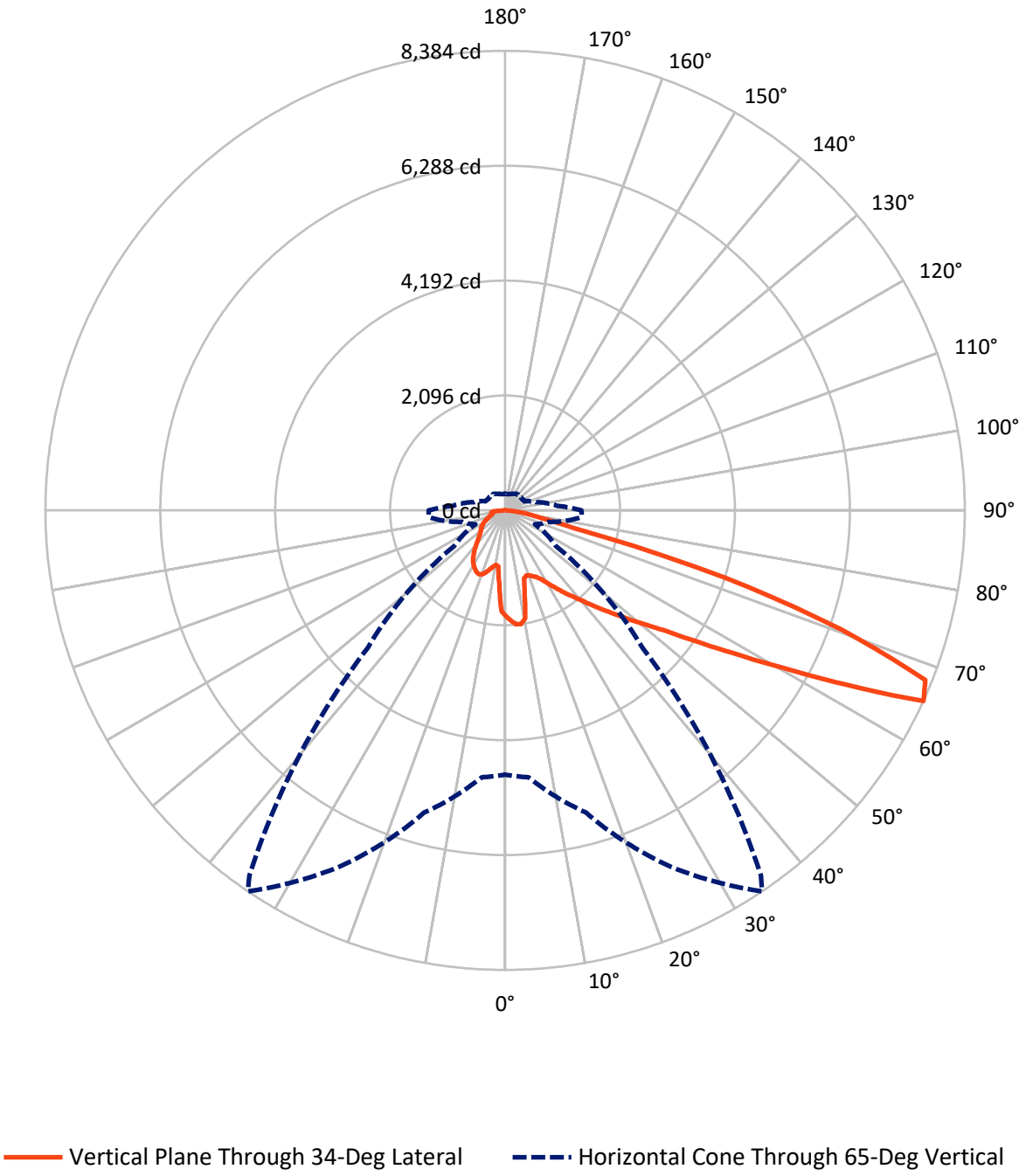
Based on 10 foot mounting height. Maximum calculated value = 20.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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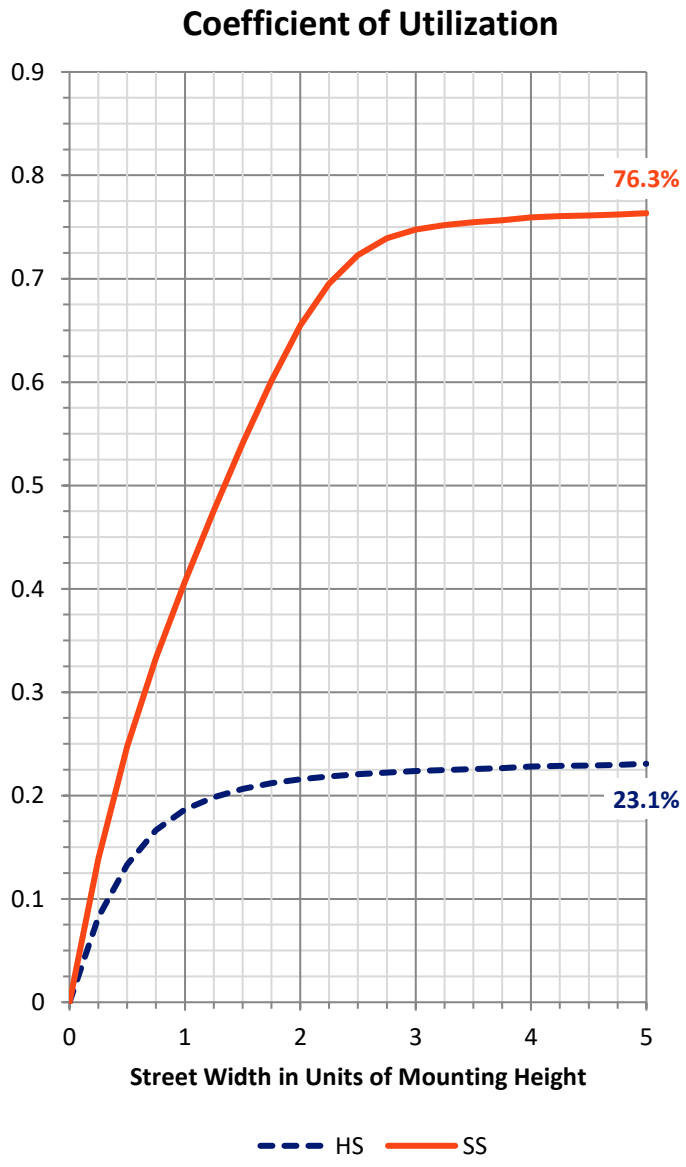
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1975.4	0.0	1975.4
	% Fixture	23.5	0.0	23.5
Street Side	Lumens	6426.3	0.0	6426.3
	% Fixture	76.5	0.0	76.5
Total	Lumens	8401.6	0.0	8401.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.4	2.0
10°-20°	424.3	5.0
20°-30°	711.3	8.5
30°-40°	1065.2	12.7
40°-50°	1484.9	17.7
50°-60°	1983.2	23.6
60°-70°	1939.0	23.1
70°-80°	540.4	6.4
80°-90°	88.0	1.0
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°	8401.6	100.0
0°-180°	8401.6	100.0



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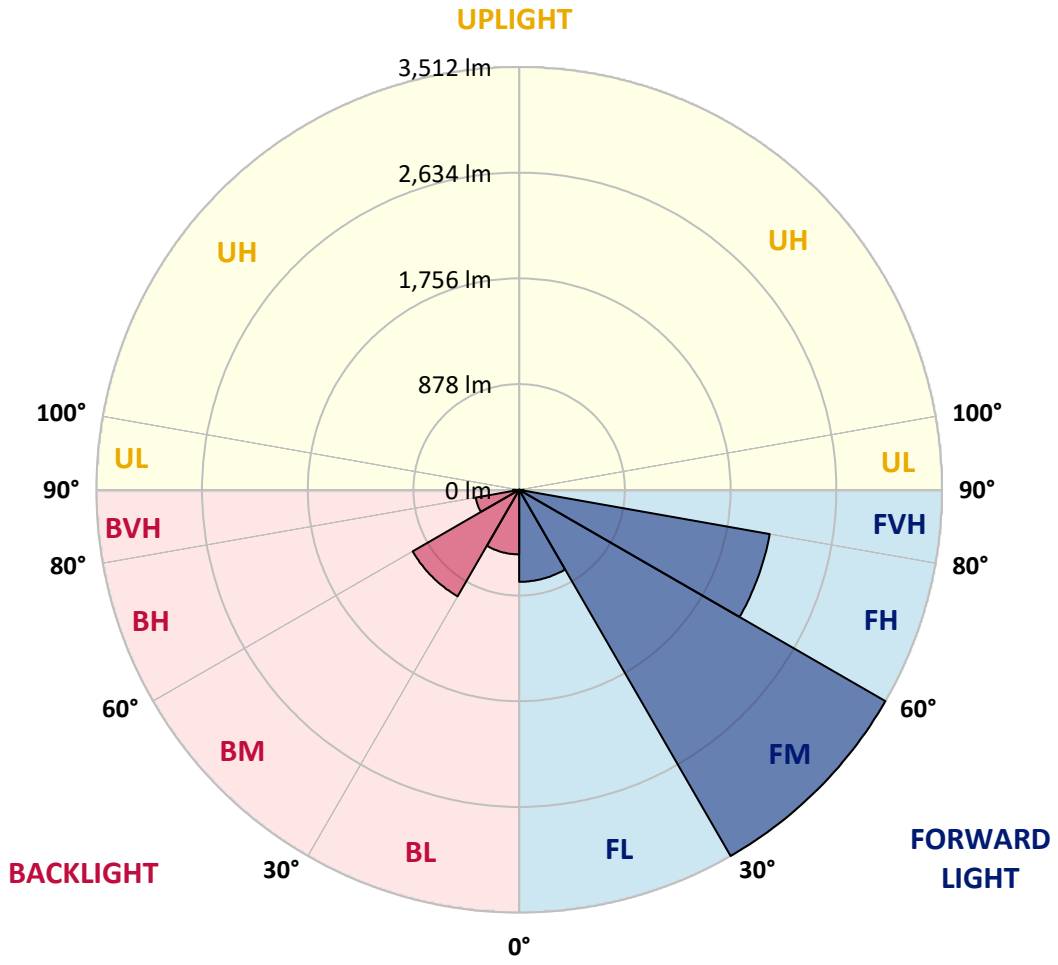
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	764.4	9.1			
FM	(30°-60°)	3511.9	41.8			
FH	(60°-80°)	2112.7	25.1			G2/5000
FVH	(80°-90°)	37.2	0.4			G1/100
BL	(0°-30°)	536.6	6.4	B2/1000		
BM	(30°-60°)	1021.3	12.2	B2/2500		
BH	(60°-80°)	366.7	4.4	B1/500		G1/500
BVH	(80°-90°)	50.8	0.6			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 III Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1929.4	1929.4	1929.4	1929.4	*1929.4*	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4
2.5°	2043.8	2028.0	2016.2	2028.0	*2012.2*	2020.1	2004.3	1992.5	1976.7	1957.0	1937.3
5°	2118.8	2099.0	2087.2	2095.1	*2087.2*	2087.2	2083.3	2051.7	2039.9	2004.3	1968.8
7.5°	2075.4	2059.6	2067.5	2095.1	*2095.1*	2106.9	2122.7	2106.9	2087.2	2055.6	1988.6
10°	1696.6	1684.8	1767.6	1901.8	*2008.3*	2035.9	2122.7	2154.3	2146.4	2114.8	2035.9
12.5°	1262.6	1254.7	1294.1	1416.5	*1582.2*	1657.1	1992.5	2189.8	2221.4	2193.7	2095.1
15°	1199.5	1191.6	1195.5	1219.2	*1290.2*	1317.8	1645.3	2146.4	2316.0	2316.0	2181.9
17.5°	1195.5	1187.6	1187.6	1215.2	*1250.7*	1266.5	1392.8	1984.6	2406.8	2418.6	2252.9
20°	1183.7	1179.7	1183.7	1223.1	*1266.5*	1278.4	1377.0	1747.9	2481.8	2548.8	2335.8
22.5°	1171.8	1160.0	1179.7	1235.0	*1306.0*	1317.8	1432.2	1669.0	2477.8	2706.7	2426.5
25°	1167.9	1160.0	1183.7	1266.5	*1349.4*	1377.0	1515.1	1747.9	2458.1	2872.4	2509.4
27.5°	1167.9	1163.9	1215.2	1321.8	*1428.3*	1459.9	1637.4	1905.7	2485.7	3030.2	2619.9
30°	1215.2	1207.3	1282.3	1400.7	*1550.6*	1578.2	1791.3	2051.7	2604.1	3215.6	2746.1
32.5°	1298.1	1298.1	1380.9	1526.9	*1676.9*	1724.2	1937.3	2252.9	2829.0	3393.2	2876.3
35°	1436.2	1436.2	1530.9	1669.0	*1834.7*	1870.2	2114.8	2442.3	3042.0	3562.8	2990.7
37.5°	1613.7	1613.7	1700.5	1854.4	*1984.6*	2016.2	2260.8	2623.8	3207.7	3669.4	3093.3
40°	1791.3	1815.0	1901.8	2055.6	*2166.1*	2209.5	2430.5	2769.8	3381.3	3740.4	3132.8
42.5°	2020.1	2020.1	2122.7	2268.7	*2391.0*	2418.6	2647.5	2986.8	3539.2	3736.4	3097.3
45°	2288.4	2284.5	2367.3	2525.2	*2635.6*	2686.9	2903.9	3195.9	3677.3	3736.4	3030.2
47.5°	2631.7	2635.6	2679.0	2821.1	*2919.7*	2963.1	3140.7	3349.8	3740.4	3736.4	3018.4
50°	3034.1	3046.0	3093.3	3168.3	*3247.2*	3274.8	3381.3	3452.4	3775.9	3677.3	3117.0
52.5°	3519.4	3503.7	3570.7	3598.4	*3633.9*	3673.3	3645.7	3598.4	3606.2	3499.7	3310.3
55°	3894.3	3878.5	4020.5	4123.1	*4202.0*	4186.2	3965.3	3539.2	3235.4	3231.4	3432.6
57.5°	4178.3	4206.0	4470.3	4789.9	*4912.2*	4924.1	4363.8	3243.3	2757.9	2706.7	3393.2
60°	4762.3	4774.1	5042.4	5551.4	*5835.5*	5882.8	4371.7	2761.9	1929.4	2020.1	2951.3
62.5°	5160.8	5180.5	5725.0	6585.1	*7015.2*	6924.5	4190.2	1889.9	1140.3	1313.9	2106.9
65°	*4821.5*	*4888.6*	*5709.2*	*7180.9*	*8384.3*	*8131.8*	*3539.2*	*1132.4*	*599.7*	*812.8*	*1400.7*
67.5°	3815.4	3862.7	4789.9	6597.0	*8266.0*	7958.2	2418.6	595.8	386.7	580.0	887.8
70°	1747.9	1822.8	3049.9	5208.1	*6502.3*	6143.2	1298.1	343.3	323.5	406.4	572.1
72.5°	560.3	583.9	907.5	2347.6	*4182.3*	3795.6	449.8	272.2	288.0	331.4	426.1
75°	319.6	351.2	524.8	1203.4	*1282.3*	1270.5	268.3	217.0	256.5	264.4	311.7
77.5°	205.2	217.0	335.4	726.0	*674.7*	603.7	201.2	169.7	209.1	193.3	185.4
80°	126.3	134.1	209.1	414.3	*449.8*	398.5	138.1	114.4	142.0	122.3	110.5
82.5°	75.0	78.9	106.5	189.4	*272.2*	252.5	75.0	67.1	106.5	82.9	67.1
85°	39.5	39.5	51.3	82.9	*126.3*	98.6	31.6	31.6	47.3	35.5	23.7
87.5°	7.9	7.9	7.9	11.8	*15.8*	15.8	7.9	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-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4	1929.4
2.5°	1929.4	1925.4	1917.5	1897.8	1889.9	1862.3	1846.5	1822.8	1811.0	1803.1	1822.8
5°	1937.3	1917.5	1889.9	1811.0	1665.0	1491.4	1353.3	1258.6	1195.5	1167.9	1175.8
7.5°	1957.0	1929.4	1818.9	1519.0	1246.8	1100.8	1029.8	1010.1	994.3	990.3	986.4
10°	1988.6	1937.3	1653.2	1242.9	1073.2	1018.0	1006.1	1006.1	1010.1	1006.1	1010.1
12.5°	2028.0	1933.3	1452.0	1116.6	1045.6	1033.7	1049.5	1057.4	1061.4	1073.2	1065.3
15°	2075.4	1913.6	1317.8	1096.9	1065.3	1089.0	1104.8	1124.5	1136.3	1132.4	1136.3
17.5°	2103.0	1854.4	1238.9	1096.9	1116.6	1144.2	1175.8	1195.5	1203.4	1207.3	1215.2
20°	2126.7	1803.1	1211.3	1124.5	1167.9	1207.3	1235.0	1246.8	1246.8	1250.7	1246.8
22.5°	2158.2	1771.6	1195.5	1132.4	1187.6	1231.0	1258.6	1270.5	1278.4	1274.4	1274.4
25°	2170.1	1724.2	1163.9	1120.5	1160.0	1207.3	1242.9	1254.7	1266.5	1262.6	1262.6
27.5°	2201.6	1692.6	1120.5	1069.2	1108.7	1148.2	1199.5	1238.9	1258.6	1262.6	1270.5
30°	2245.0	1680.8	1069.2	998.2	1033.7	1092.9	1152.1	1203.4	1238.9	1254.7	1262.6
32.5°	2316.0	1665.0	1025.8	931.2	974.6	1033.7	1096.9	1140.3	1187.6	1215.2	1219.2
35°	2375.2	1704.5	986.4	868.0	911.4	966.7	1018.0	1065.3	1116.6	1152.1	1167.9
37.5°	2450.2	1771.6	990.3	828.6	856.2	903.5	927.2	958.8	1010.1	1061.4	1085.0
40°	2513.3	1862.3	1057.4	828.6	797.0	836.5	832.5	856.2	907.5	939.0	946.9
42.5°	2509.4	1901.8	1144.2	828.6	741.8	761.5	749.7	753.6	773.3	781.2	781.2
45°	2489.6	1921.5	1191.6	808.8	670.7	686.5	678.6	670.7	647.1	635.2	635.2
47.5°	2497.5	1945.2	1199.5	761.5	607.6	631.3	627.3	591.8	564.2	544.5	536.6
50°	2576.5	1957.0	1108.7	686.5	548.4	580.0	587.9	540.5	509.0	481.4	477.4
52.5°	2761.9	2043.8	962.7	603.7	512.9	540.5	560.3	509.0	469.5	441.9	438.0
55°	2943.4	2185.8	824.6	556.3	481.4	505.0	528.7	477.4	445.8	426.1	434.0
57.5°	2986.8	2209.5	749.7	520.8	457.7	469.5	493.2	449.8	426.1	441.9	461.6
60°	2710.6	1905.7	706.3	489.2	430.1	438.0	465.6	422.2	378.8	378.8	386.7
62.5°	1968.8	1313.9	635.2	438.0	398.5	402.4	422.2	366.9	331.4	323.5	327.5
65°	*1392.8*	*954.8*	*580.0*	*394.6*	*370.9*	*374.8*	*366.9*	*331.4*	*307.8*	*299.9*	*303.8*
67.5°	935.1	753.6	516.9	355.1	339.3	335.4	327.5	307.8	284.1	276.2	288.0
70°	627.3	587.9	441.9	315.6	303.8	284.1	295.9	280.1	256.5	260.4	276.2
72.5°	461.6	469.5	390.6	280.1	256.5	236.7	260.4	248.6	232.8	244.6	256.5
75°	339.3	351.2	323.5	236.7	221.0	205.2	232.8	232.8	228.8	264.4	276.2
77.5°	201.2	236.7	232.8	173.6	169.7	177.6	228.8	248.6	236.7	236.7	228.8
80°	126.3	142.0	165.7	118.4	118.4	149.9	240.7	295.9	252.5	232.8	224.9
82.5°	67.1	75.0	110.5	75.0	67.1	102.6	248.6	292.0	284.1	256.5	248.6
85°	19.7	23.7	51.3	31.6	27.6	47.3	217.0	217.0	189.4	142.0	138.1
87.5°	3.9	0.0	0.0	3.9	3.9	7.9	19.7	11.8	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

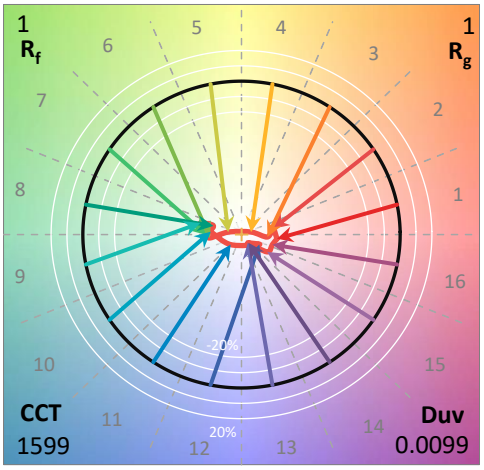
Test Information

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

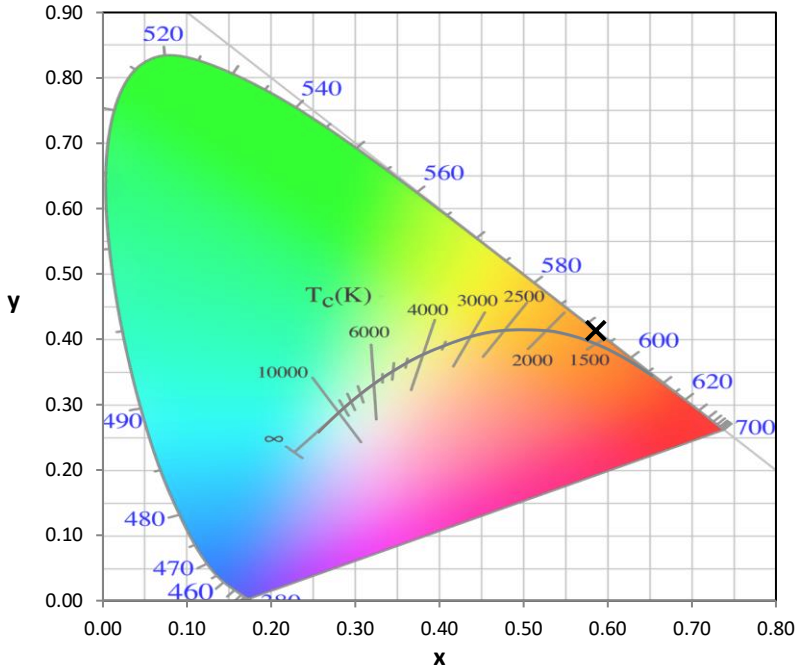
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

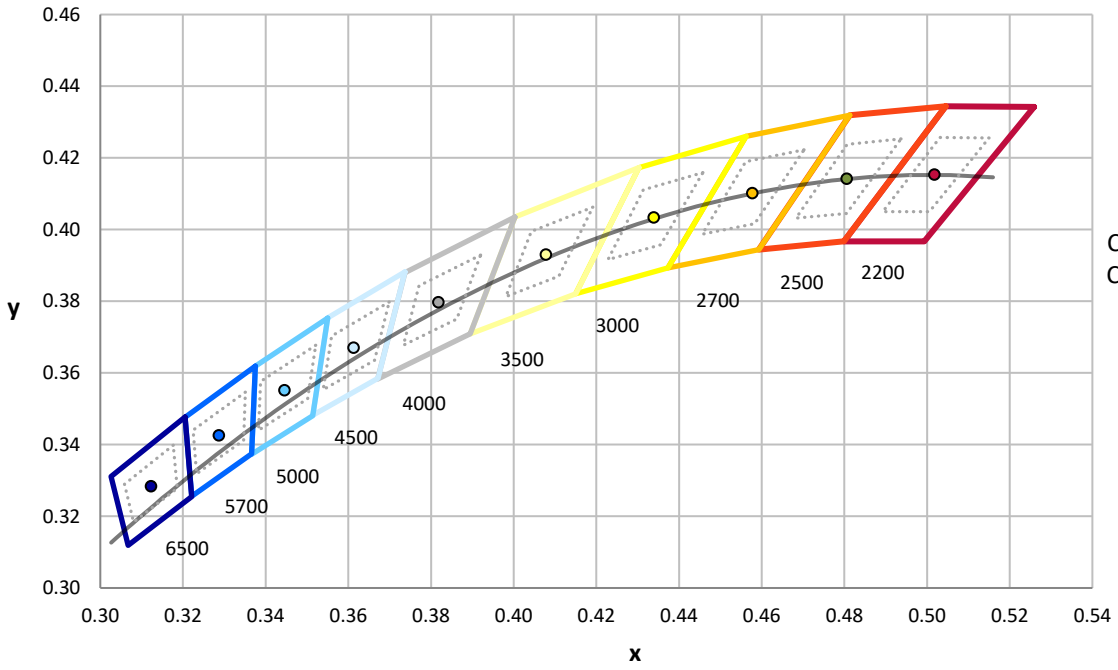
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

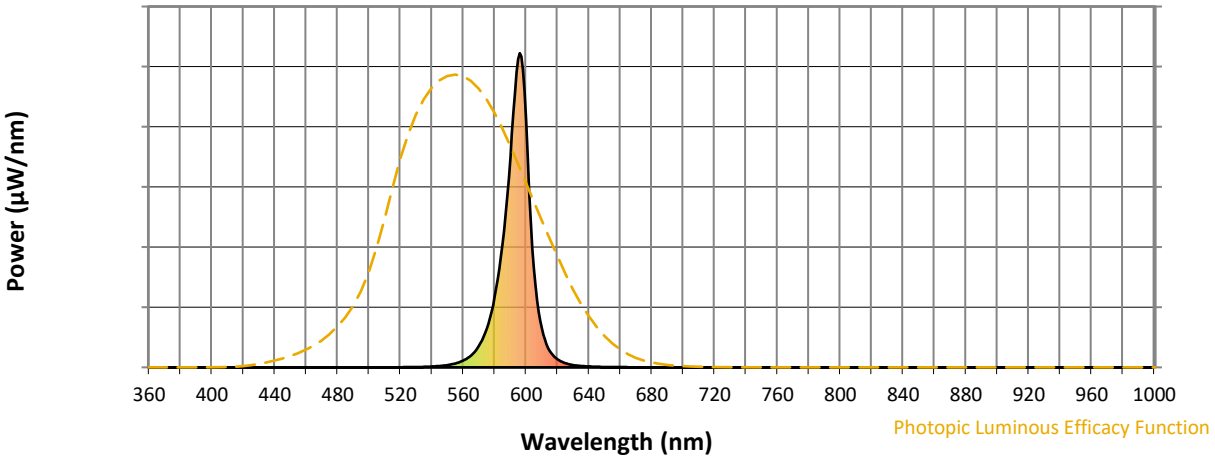


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

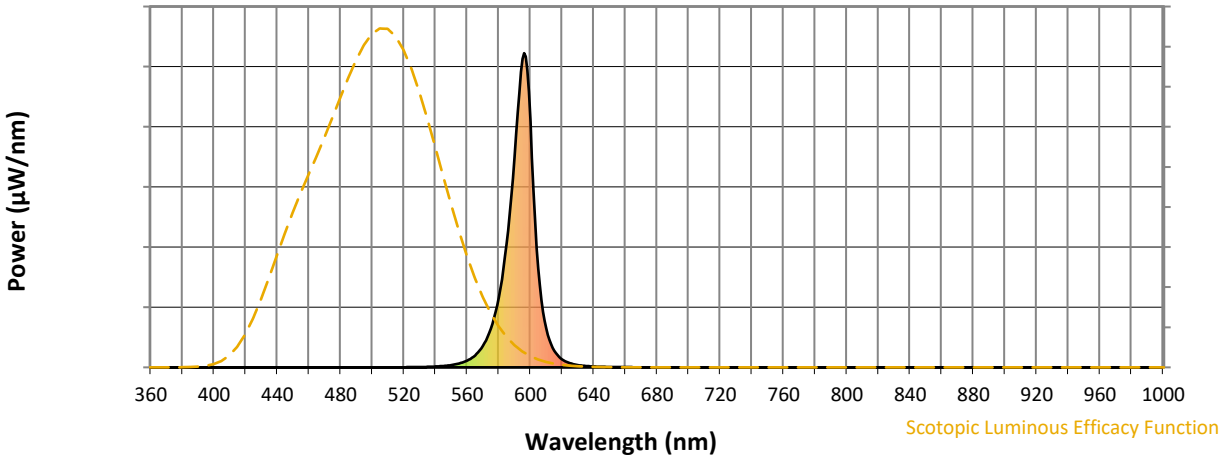


Photopic Lumens: NR

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

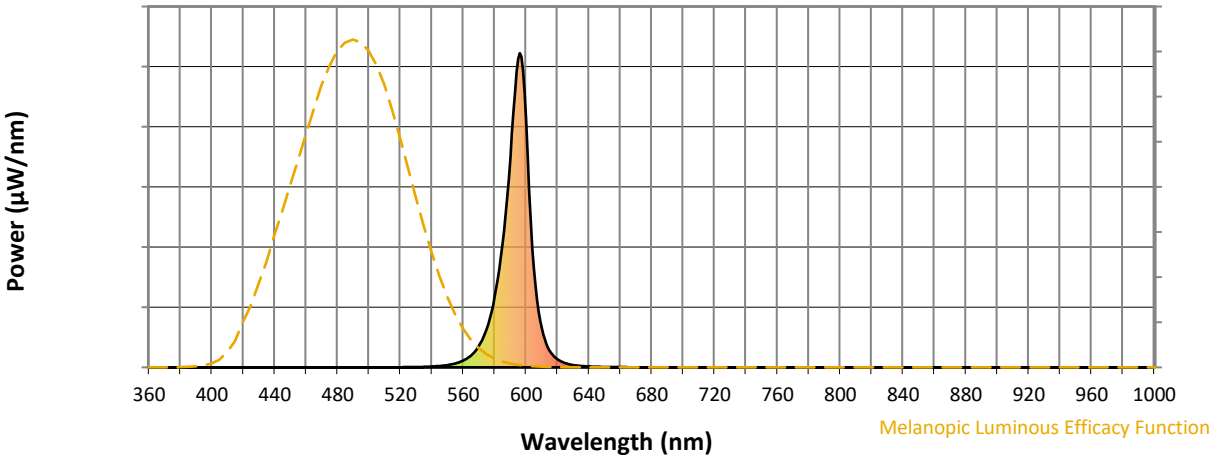


Scotopic Lumens: NR **S/P: 0.23**

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			

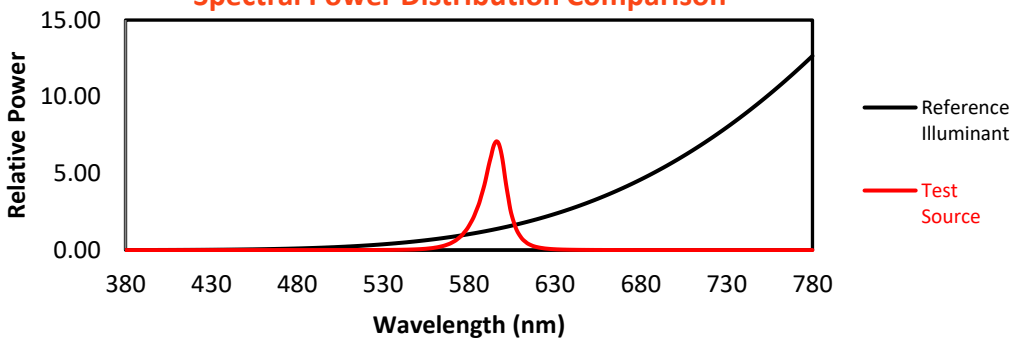
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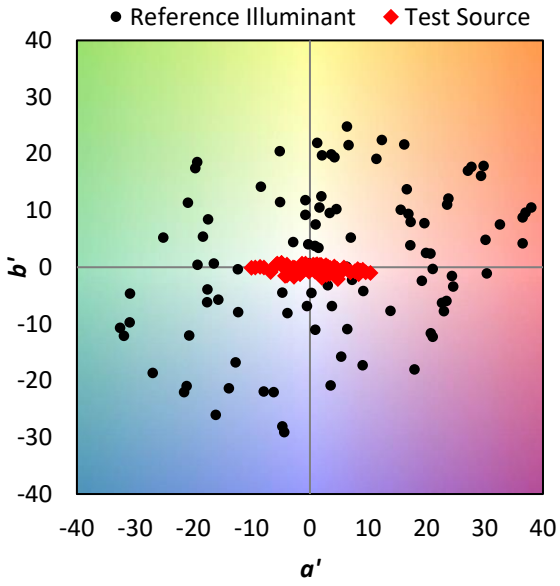
Summary

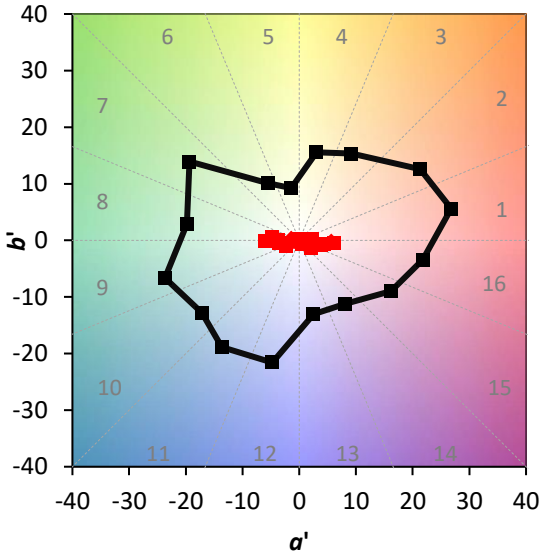
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

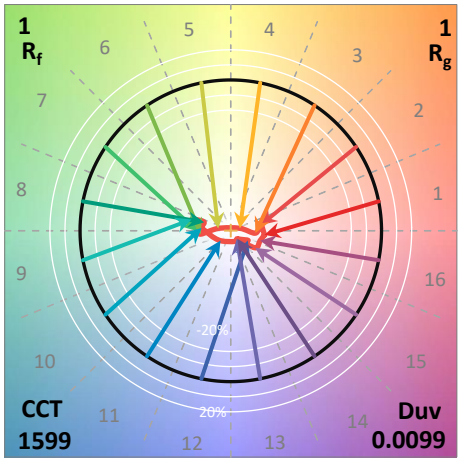
Spectral Power Distribution Comparison

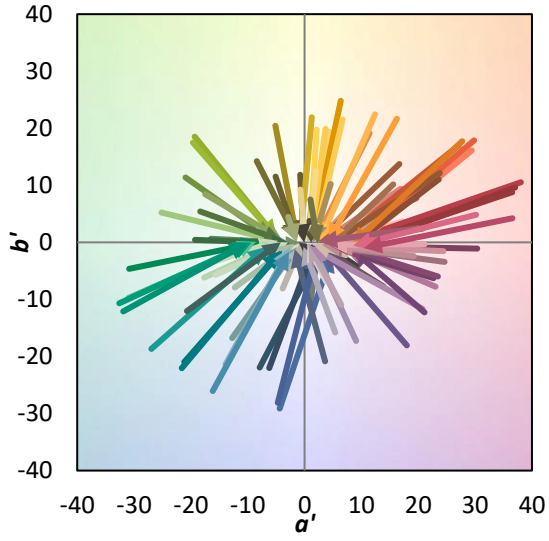


Color Vector Graphics







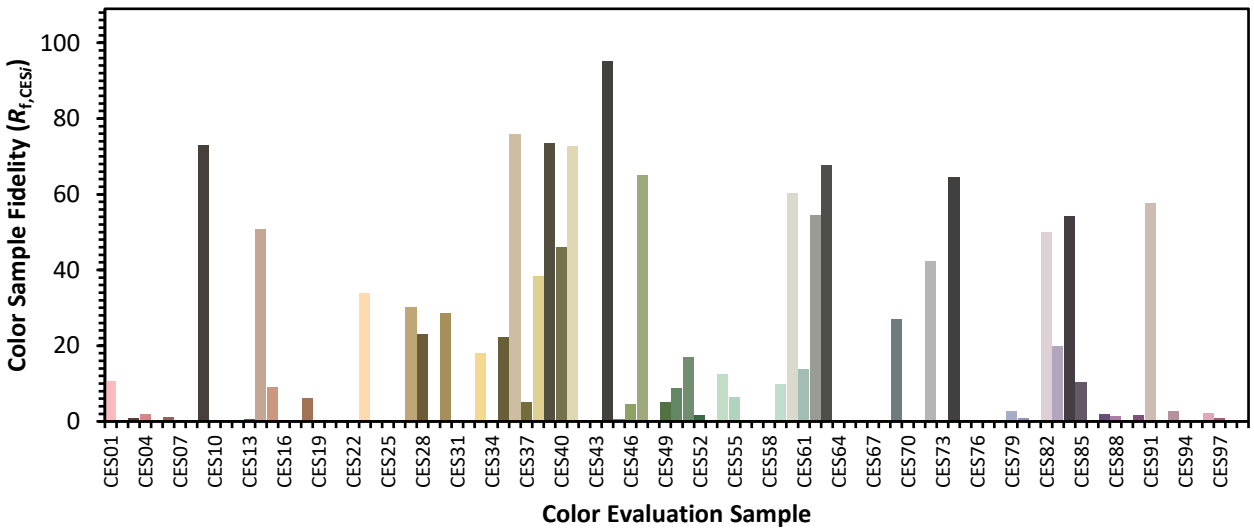


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Individual Sample Fidelity Index ($R_{f,i}$)

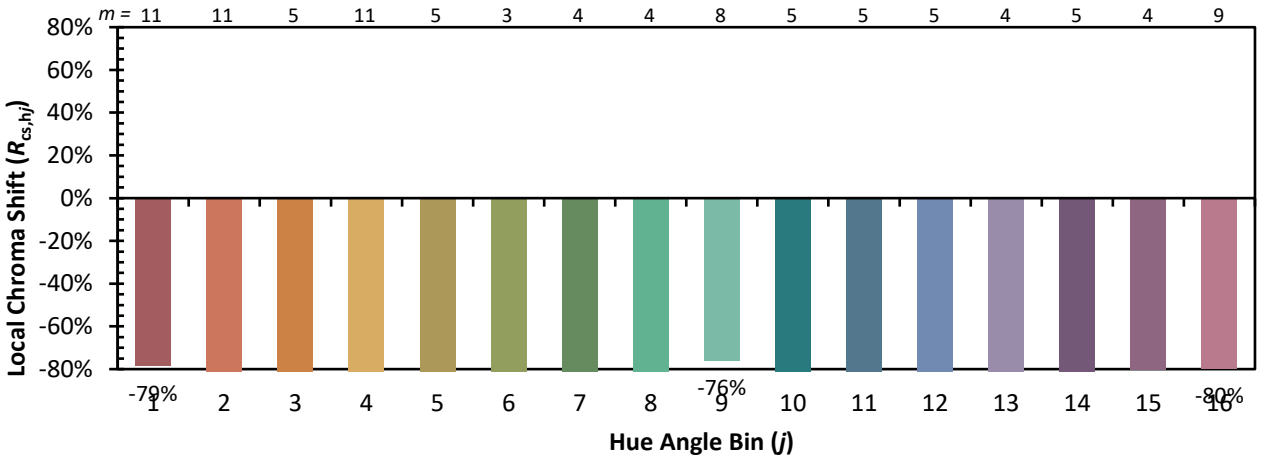
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

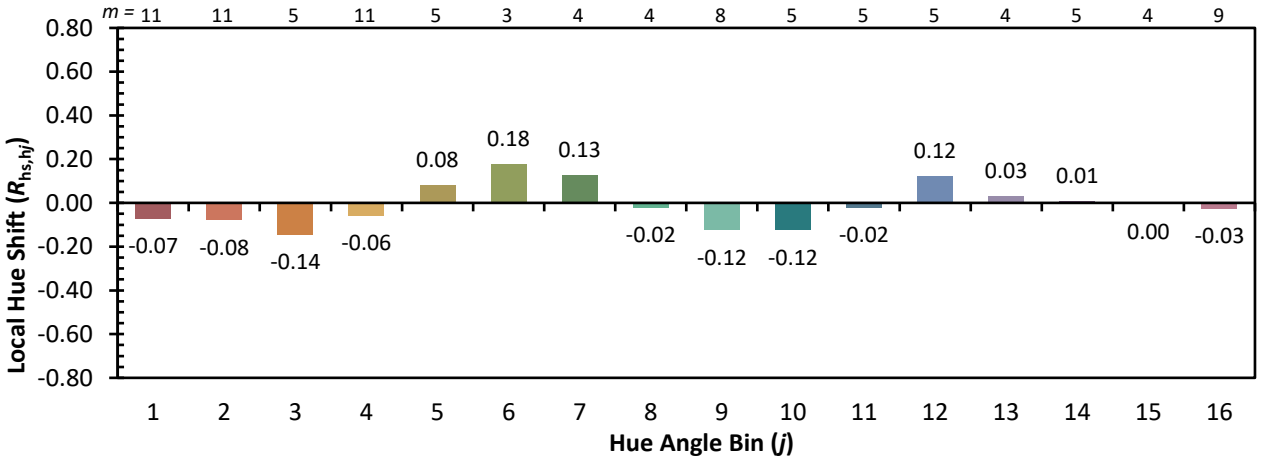


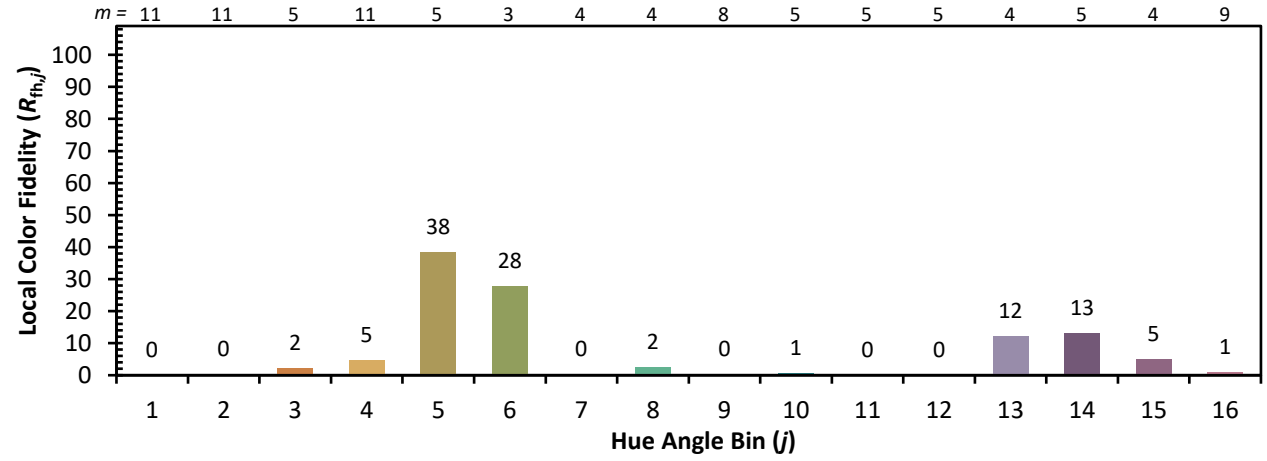
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Color Rendition by Hue-Angle Bin



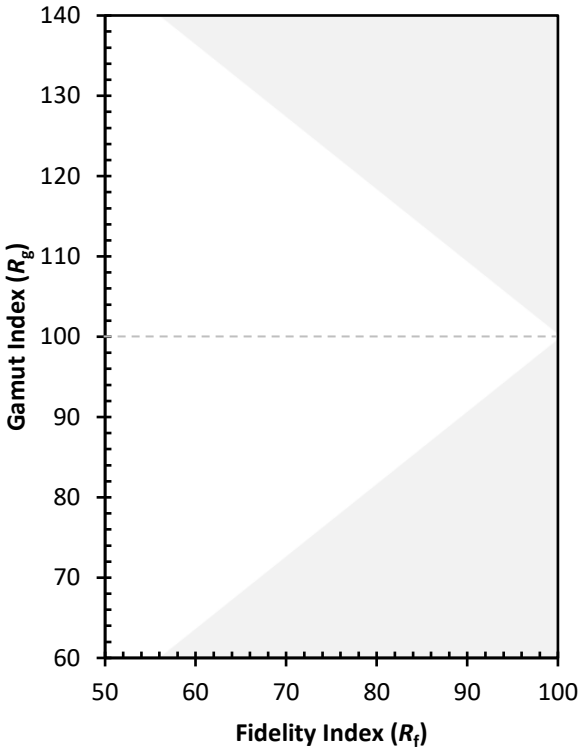


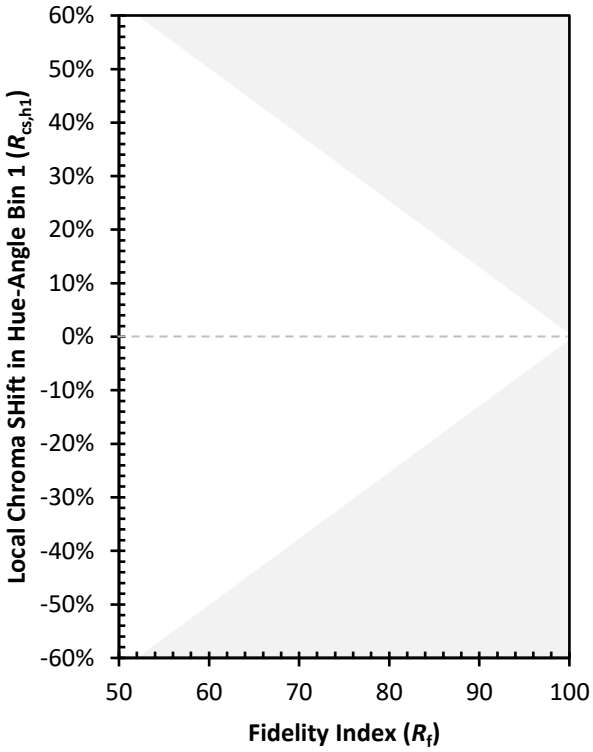


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Measure Comparisons





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