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-T3LG

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-T3LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8558.6 lumens
Efficiency:	N/A
Efficacy:	65.8 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

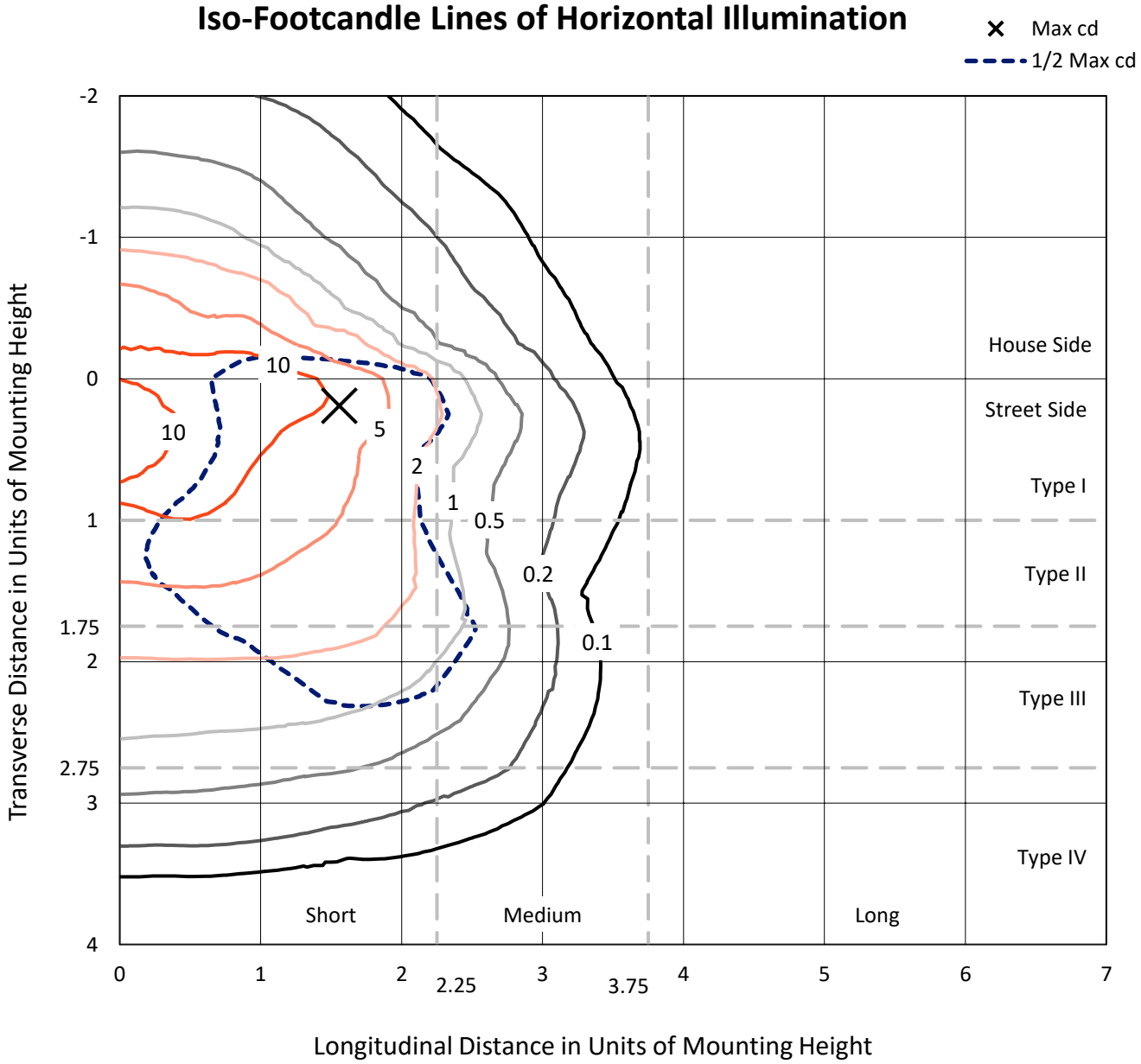


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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



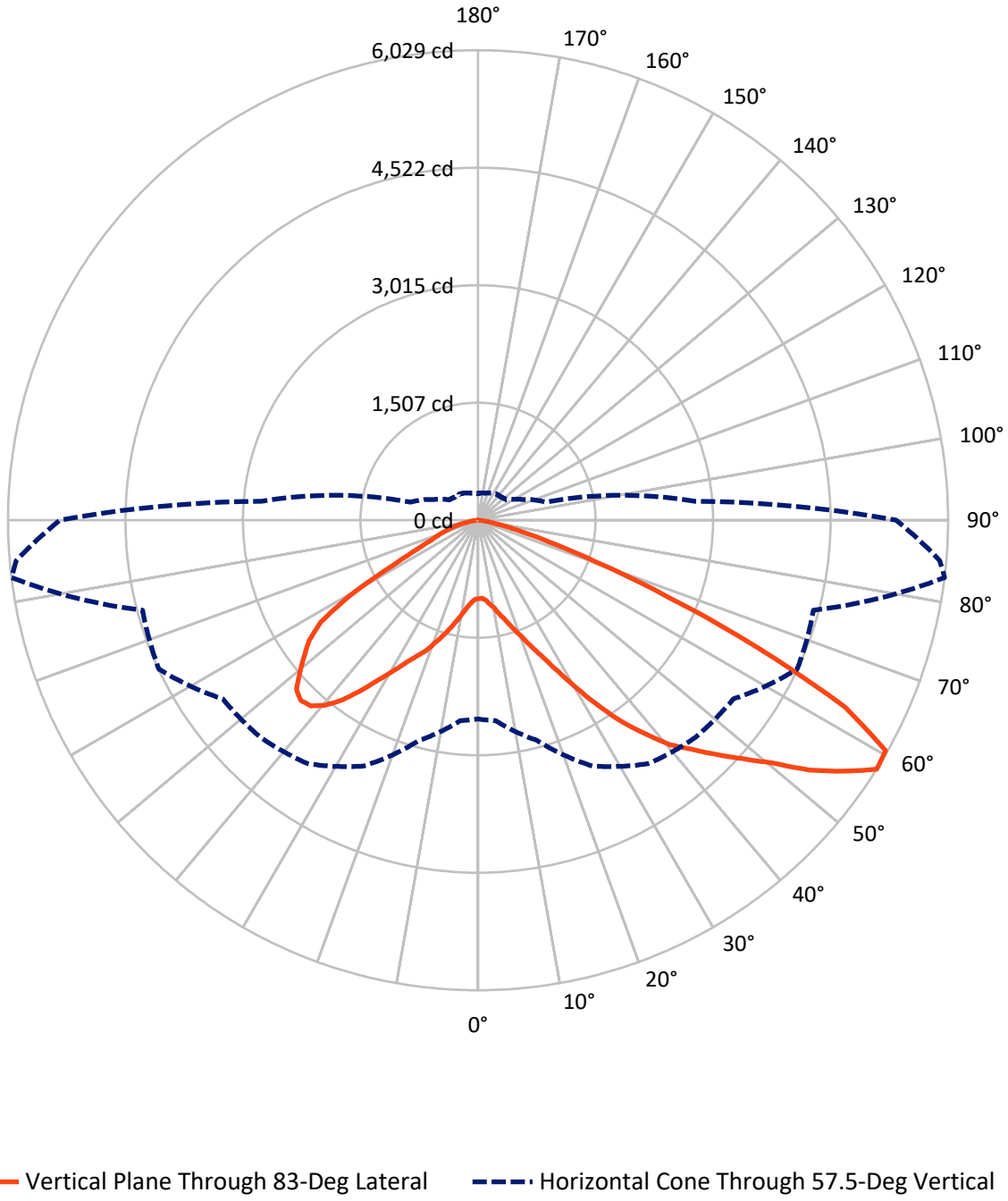
Based on 10 foot mounting height. Maximum calculated value = 17.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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Scaled Data Report

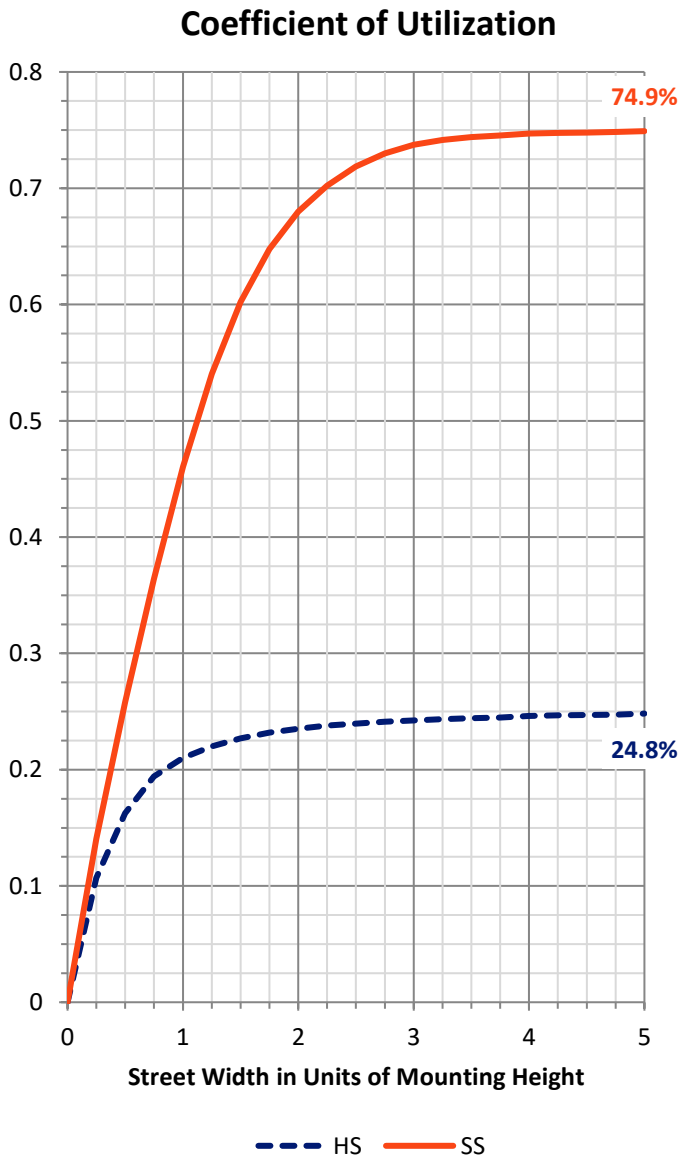
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2141.2	0.0	2141.2
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	6417.4	0.0	6417.4
	% Fixture	75.0	0.0	75.0
Total	Lumens	8558.6	0.0	8558.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.2	1.1
10°-20°	318.1	3.7
20°-30°	620.6	7.3
30°-40°	1113.1	13.0
40°-50°	1721.1	20.1
50°-60°	2116.3	24.7
60°-70°	1884.5	22.0
70°-80°	631.3	7.4
80°-90°	55.5	0.6
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°	8558.6	100.0
0°-180°	8558.6	100.0



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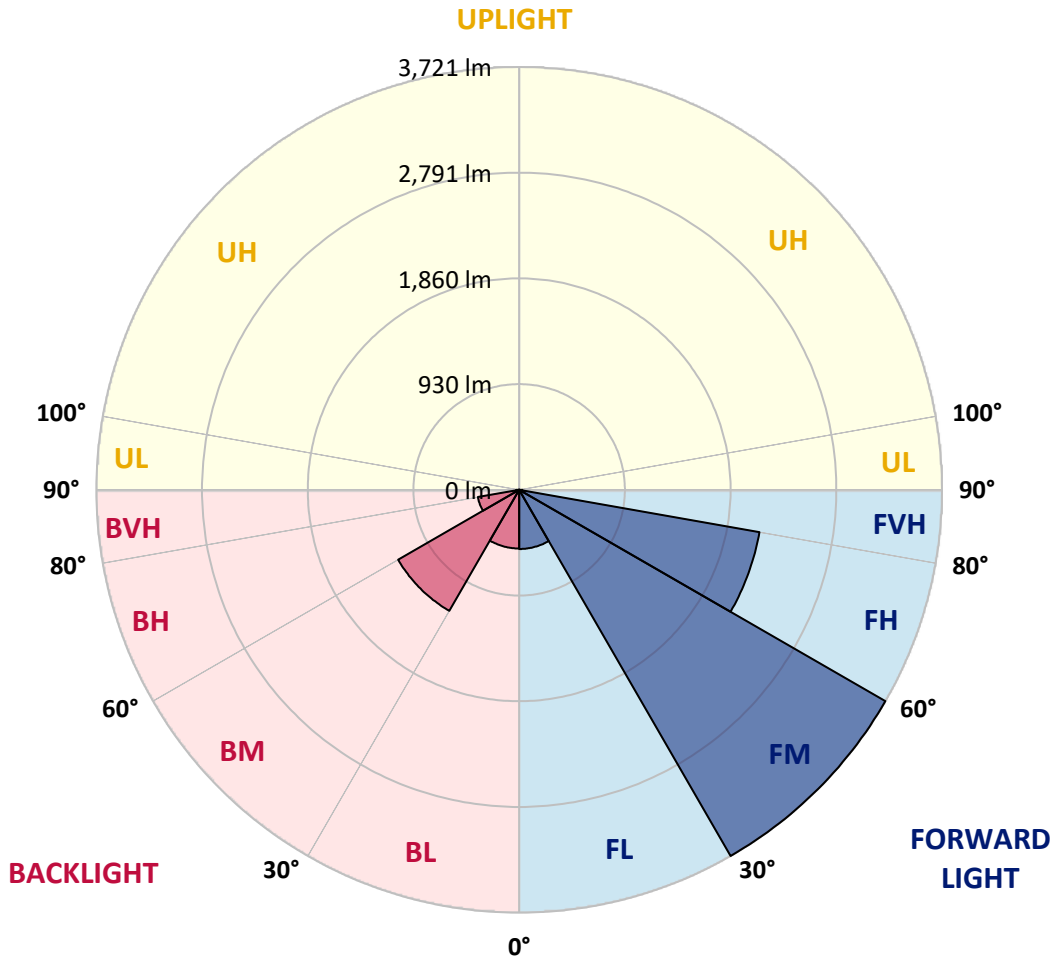
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	520.8	6.1			
FM	(30°-60°)	3720.9	43.5			
FH	(60°-80°)	2147.2	25.1			G2/5000
FVH	(80°-90°)	28.5	0.3			G1/100
BL	(0°-30°)	516.1	6.0	B2/1000		
BM	(30°-60°)	1229.6	14.4	B2/2500		
BH	(60°-80°)	368.5	4.3	B1/500		G1/500
BVH	(80°-90°)	27.0	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 III Short



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Scaled Data Report

REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	*1006.2*	1006.2
2.5°	970.7	970.7	974.6	978.6	978.6	982.5	982.5	986.5	998.3	*1002.3*	1002.3
5°	883.9	883.9	895.7	903.6	923.4	954.9	978.6	998.3	1014.1	*1029.9*	1029.9
7.5°	816.8	816.8	816.8	828.6	856.3	903.6	962.8	1014.1	1061.5	*1085.1*	1085.1
10°	832.6	836.5	832.6	836.5	848.4	872.1	939.1	1029.9	1116.7	*1144.3*	1160.1
12.5°	856.3	860.2	860.2	860.2	872.1	887.8	935.2	1053.6	1179.8	*1239.0*	1246.9
15°	887.8	891.8	883.9	891.8	899.7	915.5	951.0	1085.1	1262.7	*1333.7*	1353.5
17.5°	931.2	923.4	927.3	927.3	935.2	951.0	998.3	1132.5	1365.3	*1460.0*	1475.8
20°	974.6	970.7	970.7	978.6	994.4	1018.1	1073.3	1199.6	1487.6	*1590.2*	1621.8
22.5°	1022.0	1025.9	1029.9	1045.7	1065.4	1104.9	1168.0	1306.1	1625.7	*1763.8*	1779.6
25°	1085.1	1093.0	1104.9	1136.4	1171.9	1239.0	1306.1	1467.9	1815.1	*1953.2*	1976.9
27.5°	1211.4	1207.5	1219.3	1246.9	1306.1	1396.9	1507.4	1688.9	2047.9	*2201.8*	2241.3
30°	1436.3	1428.4	1420.5	1420.5	1475.8	1609.9	1740.2	1945.3	2316.3	*2501.7*	2525.4
32.5°	1621.8	1617.8	1633.6	1665.2	1728.3	1834.9	2024.3	2268.9	2624.1	*2833.2*	2852.9
35°	1803.3	1807.2	1811.2	1898.0	2040.1	2158.4	2351.8	2600.4	2916.1	*3172.5*	3204.1
37.5°	2020.3	2032.2	2079.5	2134.8	2324.2	2497.8	2659.6	2888.4	3156.8	*3472.4*	3543.5
40°	2249.2	2261.0	2343.9	2414.9	2604.3	2789.8	2927.9	3109.4	3373.8	*3784.2*	3839.4
42.5°	2462.3	2478.1	2600.4	2770.1	2896.3	3026.5	3172.5	3275.1	3511.9	*4017.0*	4119.6
45°	2600.4	2651.7	2833.2	3054.2	3204.1	3267.2	3310.6	3369.8	3650.0	*4285.3*	4399.7
47.5°	2683.2	2734.5	2987.1	3298.8	3436.9	3476.4	3369.8	3472.4	3776.3	*4573.3*	4664.1
50°	2722.7	2789.8	3081.8	3425.1	3614.5	3610.5	3385.6	3567.1	3914.4	*4893.0*	4960.1
52.5°	2793.7	2856.9	3148.9	3480.3	3681.6	3661.8	3436.9	3803.9	4080.1	*5323.1*	5267.8
55°	2651.7	2710.9	3137.0	3484.3	3705.2	3792.1	3626.3	4170.9	4336.6	*5682.2*	5634.8
57.5°	*2549.1*	*2580.6*	*2923.9*	*3480.3*	*3811.8*	*3942.0*	*3997.2*	*4518.1*	*4455.0*	*6029.4*	*5946.5*
60°	2430.7	2454.4	2750.3	3361.9	3886.8	4107.7	4423.4	4636.5	4305.0	*6005.7*	5875.5
62.5°	2197.9	2225.5	2521.5	3133.1	3847.3	4253.7	4774.6	4427.3	3807.8	*5283.6*	5110.0
65°	2016.4	2012.4	2249.2	2742.4	3669.7	4364.2	4853.5	3867.0	2860.8	*3942.0*	3851.2
67.5°	2138.7	2107.1	2233.4	2568.8	3271.2	4439.2	4549.7	2651.7	1901.9	*2628.0*	2600.4
70°	1901.9	1878.3	2008.5	2371.5	3054.2	3859.1	3788.1	1554.7	1239.0	*1609.9*	1617.8
72.5°	1033.8	1037.8	1282.4	1586.3	2355.7	2833.2	2734.5	864.2	789.2	*951.0*	895.7
75°	205.2	213.1	351.2	576.1	1006.2	1566.5	1179.8	434.1	536.6	*564.3*	528.8
77.5°	146.0	149.9	177.6	224.9	315.7	524.8	382.8	288.1	347.2	*303.8*	299.9
80°	114.4	118.4	126.3	146.0	169.7	197.3	165.7	157.8	189.4	*153.9*	153.9
82.5°	90.8	86.8	82.9	86.8	98.6	94.7	75.0	86.8	106.5	*78.9*	71.0
85°	47.4	51.3	39.5	39.5	39.5	31.6	31.6	39.5	55.2	*35.5*	31.6
87.5°	3.9	3.9	3.9	3.9	3.9	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-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2	1006.2
2.5°	1006.2	1010.2	1025.9	1025.9	1033.8	1041.7	1041.7	1041.7	1041.7	1049.6	1053.6
5°	1037.8	1053.6	1069.4	1085.1	1093.0	1089.1	1093.0	1089.1	1085.1	1085.1	1085.1
7.5°	1104.9	1116.7	1144.3	1156.2	1156.2	1144.3	1132.5	1124.6	1112.8	1116.7	1120.6
10°	1179.8	1207.5	1235.1	1235.1	1223.2	1203.5	1156.2	1093.0	1053.6	1041.7	1033.8
12.5°	1278.5	1314.0	1337.7	1325.8	1282.4	1152.2	1057.5	1025.9	1018.1	1018.1	1014.1
15°	1389.0	1432.4	1444.2	1404.8	1211.4	1081.2	1057.5	1053.6	1057.5	1065.4	1073.3
17.5°	1527.1	1554.7	1550.8	1400.8	1120.6	1081.2	1089.1	1097.0	1097.0	1104.9	1104.9
20°	1669.1	1688.9	1633.6	1266.6	1093.0	1097.0	1112.8	1128.5	1136.4	1136.4	1144.3
22.5°	1834.9	1842.8	1696.8	1156.2	1093.0	1097.0	1132.5	1152.2	1164.1	1156.2	1156.2
25°	2020.3	1980.9	1681.0	1116.7	1069.4	1093.0	1124.6	1140.4	1144.3	1136.4	1140.4
27.5°	2257.1	2174.2	1586.3	1097.0	1037.8	1057.5	1073.3	1081.2	1081.2	1081.2	1081.2
30°	2549.1	2407.0	1511.3	1097.0	1014.1	1002.3	998.3	998.3	998.3	998.3	1002.3
32.5°	2856.9	2639.8	1515.2	1124.6	986.5	935.2	919.4	899.7	903.6	903.6	915.5
35°	3172.5	2908.2	1594.2	1171.9	966.8	879.9	836.5	816.8	808.9	812.9	828.6
37.5°	3472.4	3176.5	1700.7	1262.7	970.7	828.6	769.5	733.9	706.3	690.5	710.3
40°	3748.6	3385.6	1830.9	1381.1	990.4	781.3	698.4	643.2	591.9	564.3	572.2
42.5°	3969.6	3527.7	1913.8	1460.0	990.4	733.9	635.3	572.2	497.2	457.7	457.7
45°	4166.9	3579.0	1894.1	1483.7	966.8	686.6	576.1	489.3	438.0	418.3	422.2
47.5°	4336.6	3527.7	1807.2	1404.8	899.7	631.4	513.0	453.8	414.3	398.5	398.5
50°	4553.6	3358.0	1594.2	1211.4	785.2	564.3	469.6	434.1	406.4	390.6	386.7
52.5°	4873.2	3208.1	1310.1	954.9	651.1	485.4	449.8	422.2	398.5	382.8	374.9
55°	5153.4	3058.1	1081.2	749.7	524.8	445.9	430.1	410.4	374.9	370.9	359.1
57.5°	*5362.5*	*2789.8*	*895.7*	*627.4*	*453.8*	*418.3*	*410.4*	*386.7*	*359.1*	*351.2*	*339.4*
60°	5240.2	2201.8	733.9	544.5	414.3	386.7	394.6	367.0	327.5	323.6	315.7
62.5°	4537.8	1392.9	599.8	457.7	378.8	359.1	367.0	327.5	295.9	288.1	284.1
65°	3251.5	935.2	528.8	414.3	351.2	327.5	323.6	292.0	268.3	260.4	260.4
67.5°	1901.9	702.4	449.8	374.9	307.8	299.9	292.0	276.2	260.4	252.5	256.5
70°	986.5	572.2	374.9	335.4	268.3	252.5	268.3	264.4	236.8	240.7	240.7
72.5°	599.8	445.9	343.3	307.8	221.0	213.1	236.8	244.6	224.9	240.7	240.7
75°	422.2	343.3	307.8	272.3	181.5	181.5	209.1	232.8	217.0	228.9	221.0
77.5°	248.6	228.9	236.8	221.0	142.1	146.0	181.5	213.1	185.5	205.2	177.6
80°	134.2	142.1	165.7	138.1	98.6	114.4	142.1	165.7	142.1	146.0	126.3
82.5°	67.1	82.9	110.5	90.8	59.2	71.0	94.7	102.6	86.8	86.8	86.8
85°	23.7	27.6	55.2	43.4	23.7	23.7	43.4	51.3	43.4	39.5	39.5
87.5°	3.9	3.9	3.9	3.9	3.9	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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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

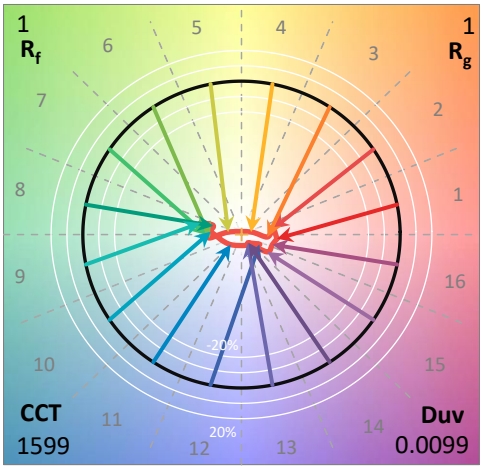
Test Information

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

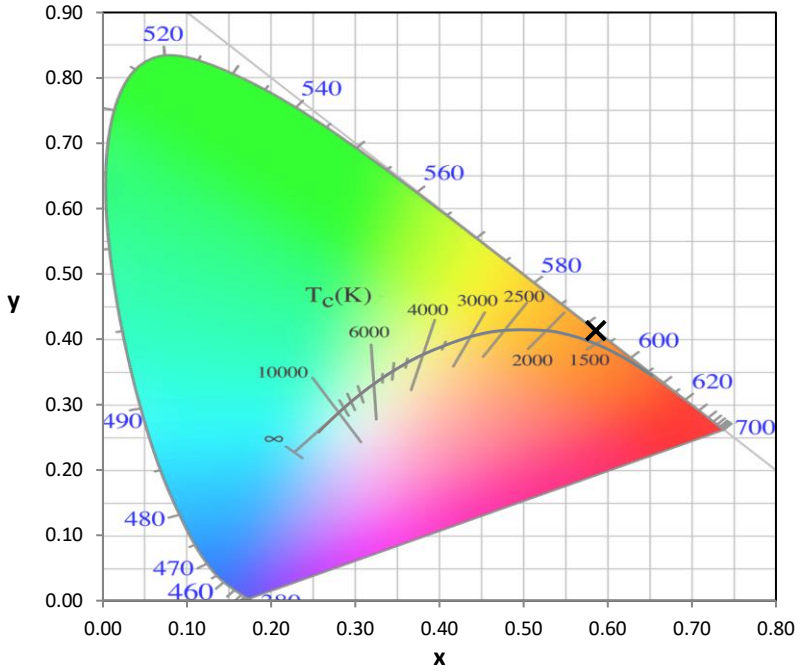
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

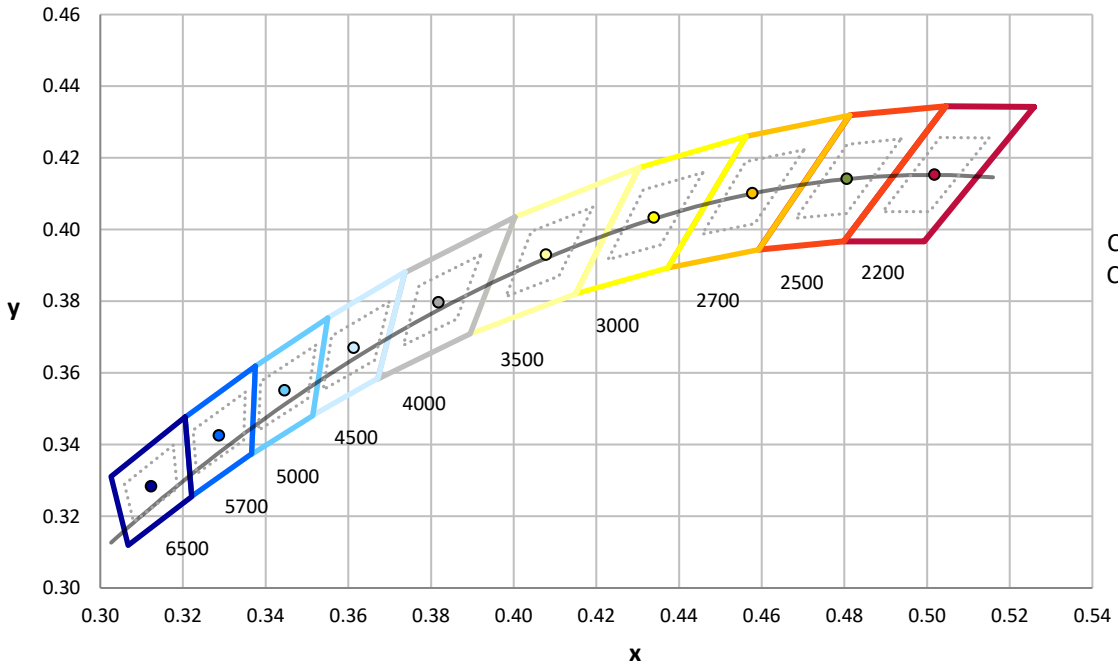
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

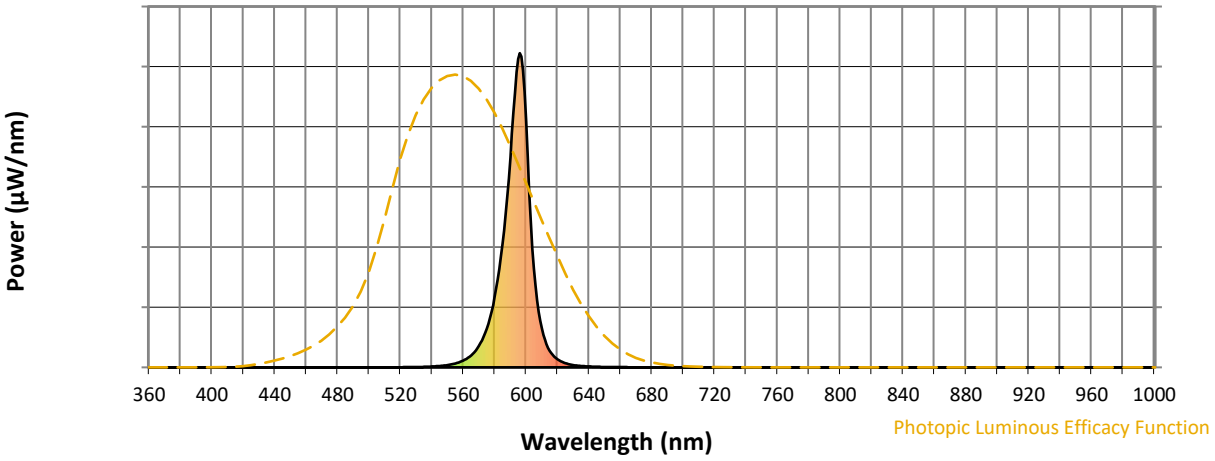


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

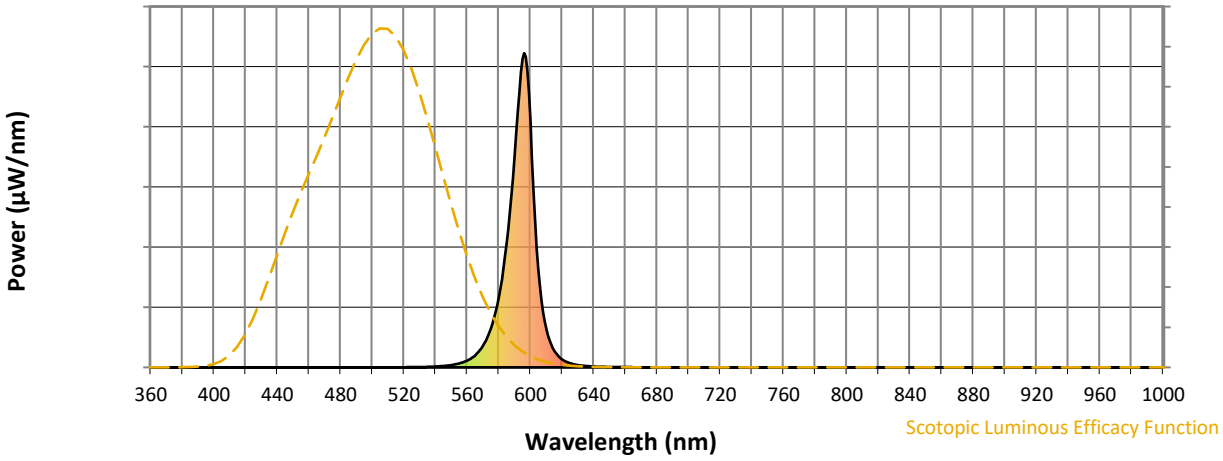


Photopic Lumens: NR

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

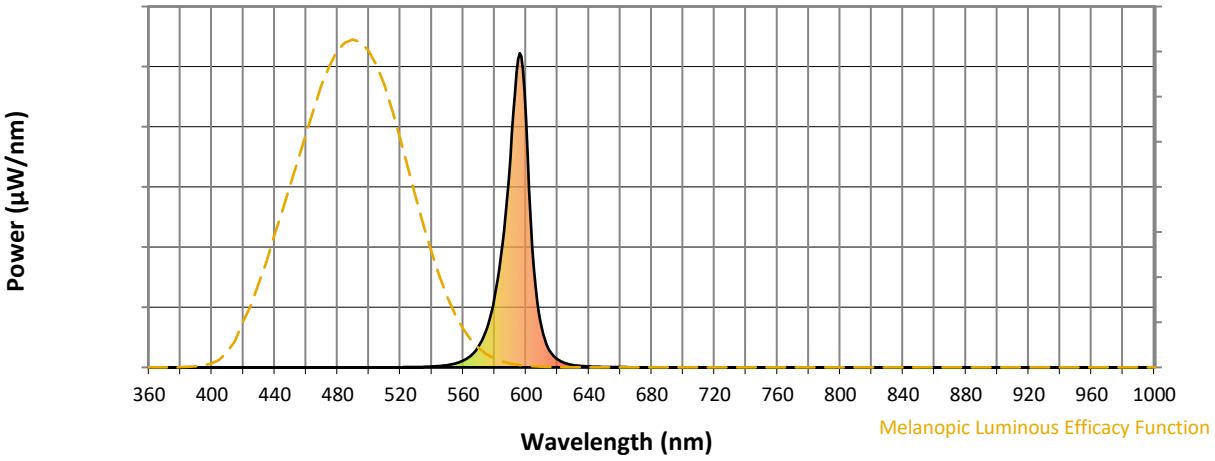


Scotopic Lumens: NR **S/P: 0.23**

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			

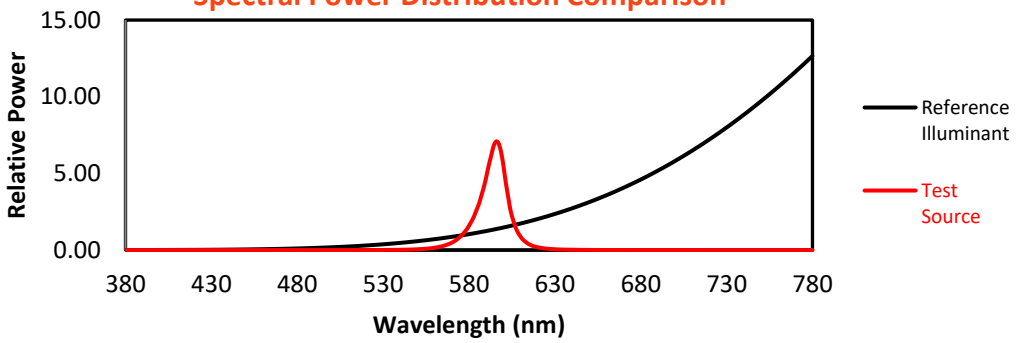
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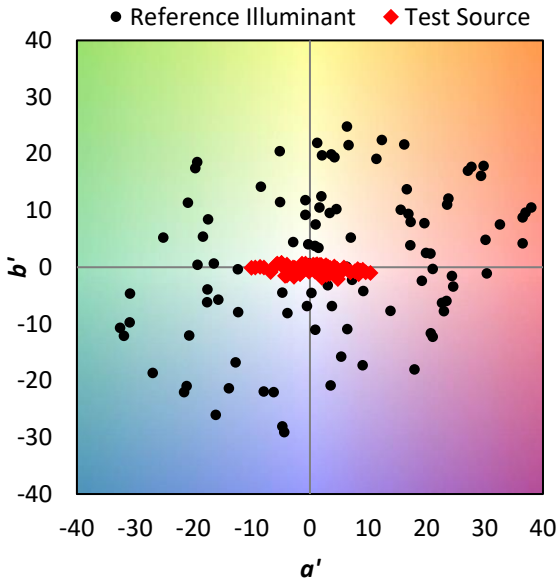
Summary

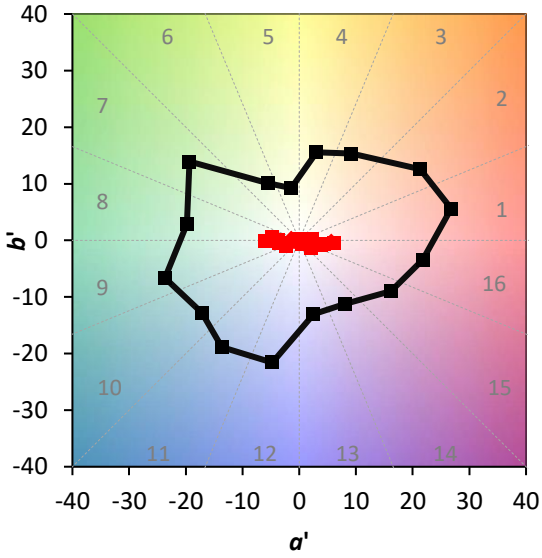
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

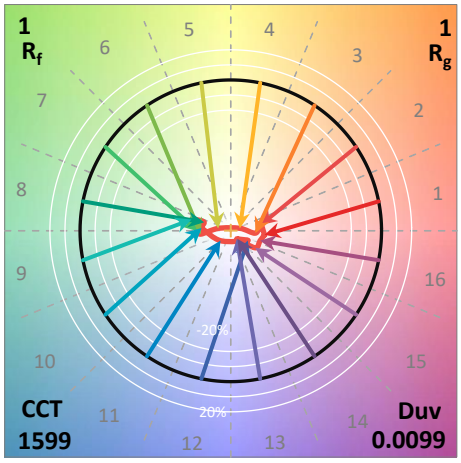
Spectral Power Distribution Comparison

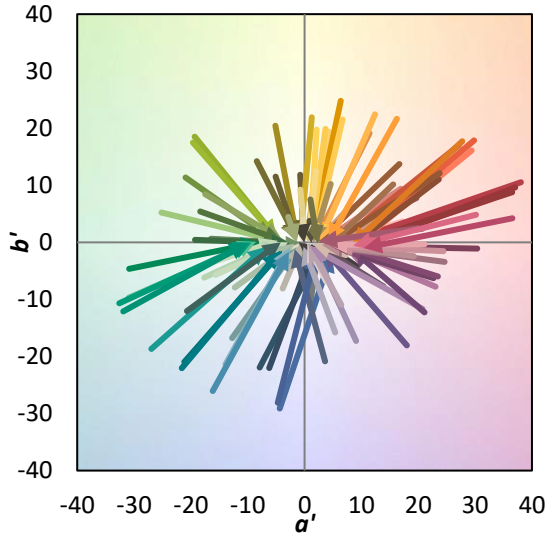


Color Vector Graphics







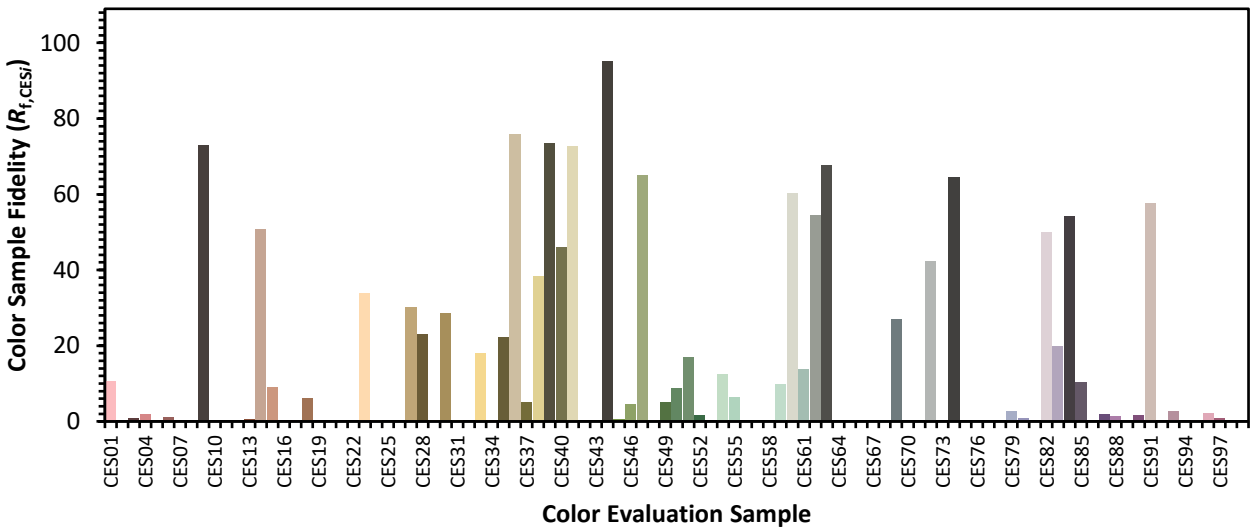


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Individual Sample Fidelity Index ($R_{f,i}$)

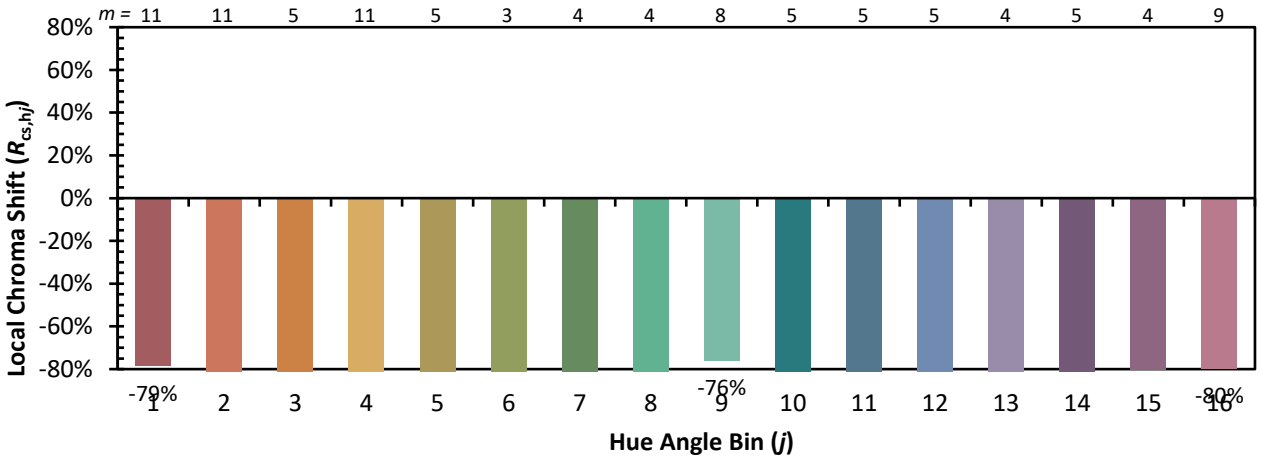
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

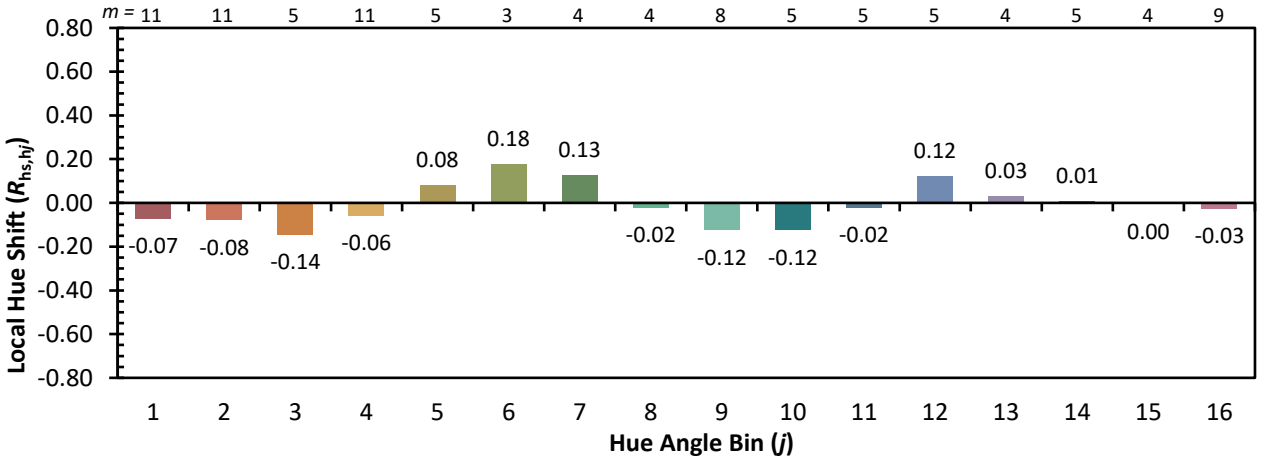


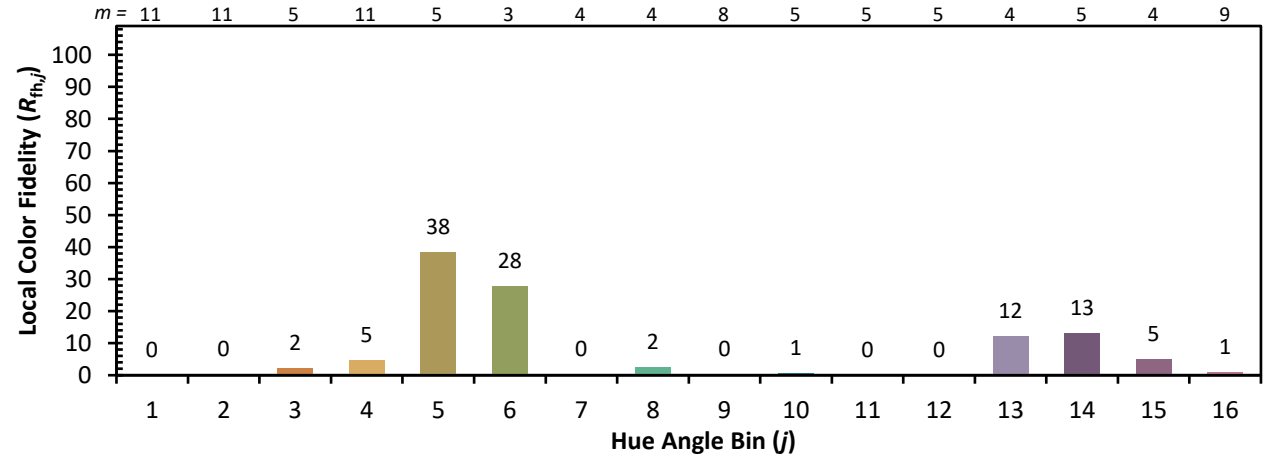
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Color Rendition by Hue-Angle Bin



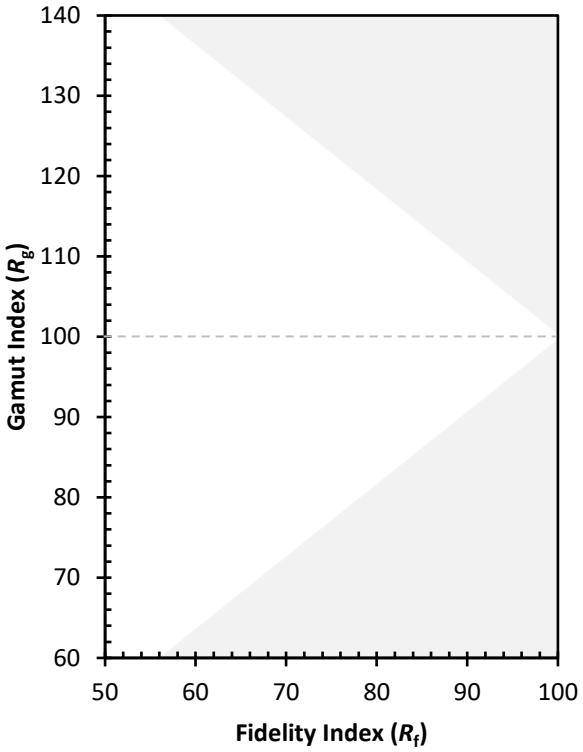


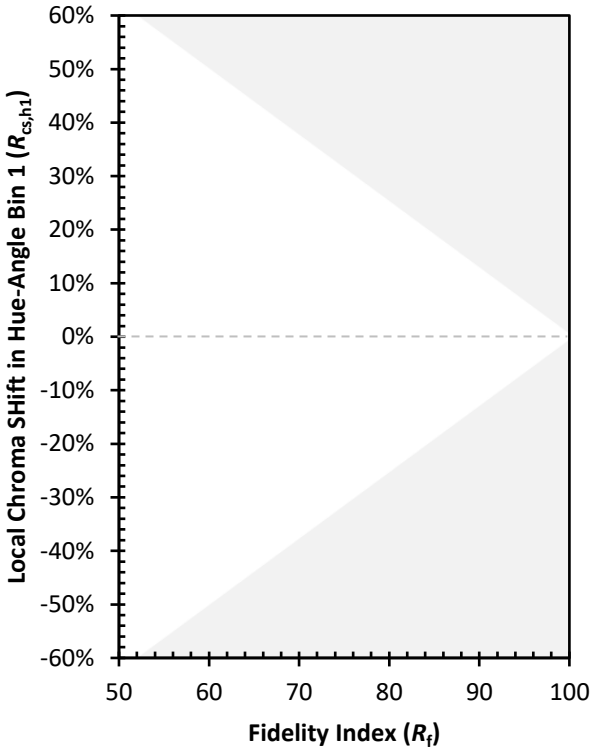


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Measure Comparisons





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