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-T4FT

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-T4FT
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T4 FORWARD THROW DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8108.3 lumens
Efficiency:	N/A
Efficacy:	62.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - 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

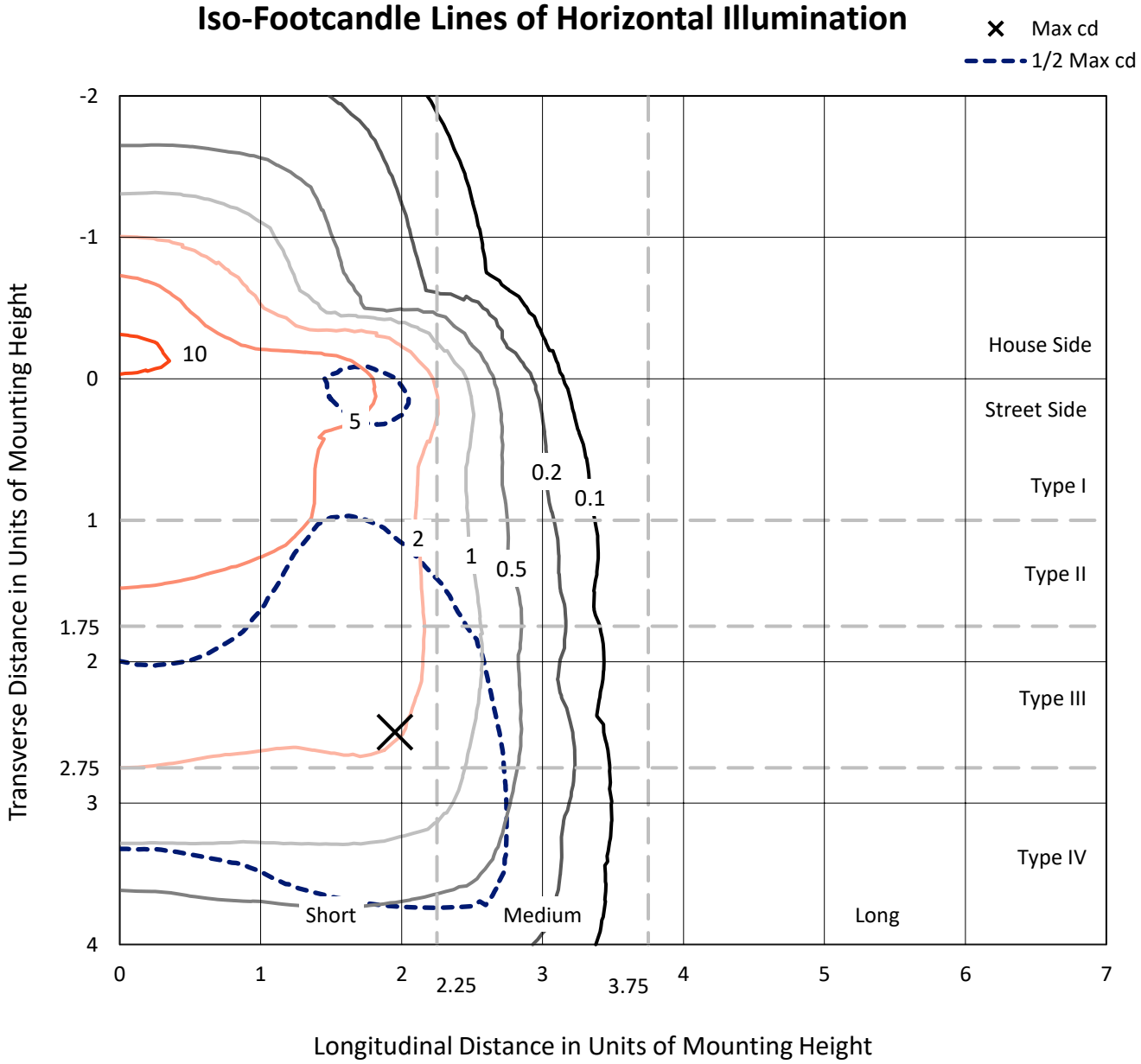


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



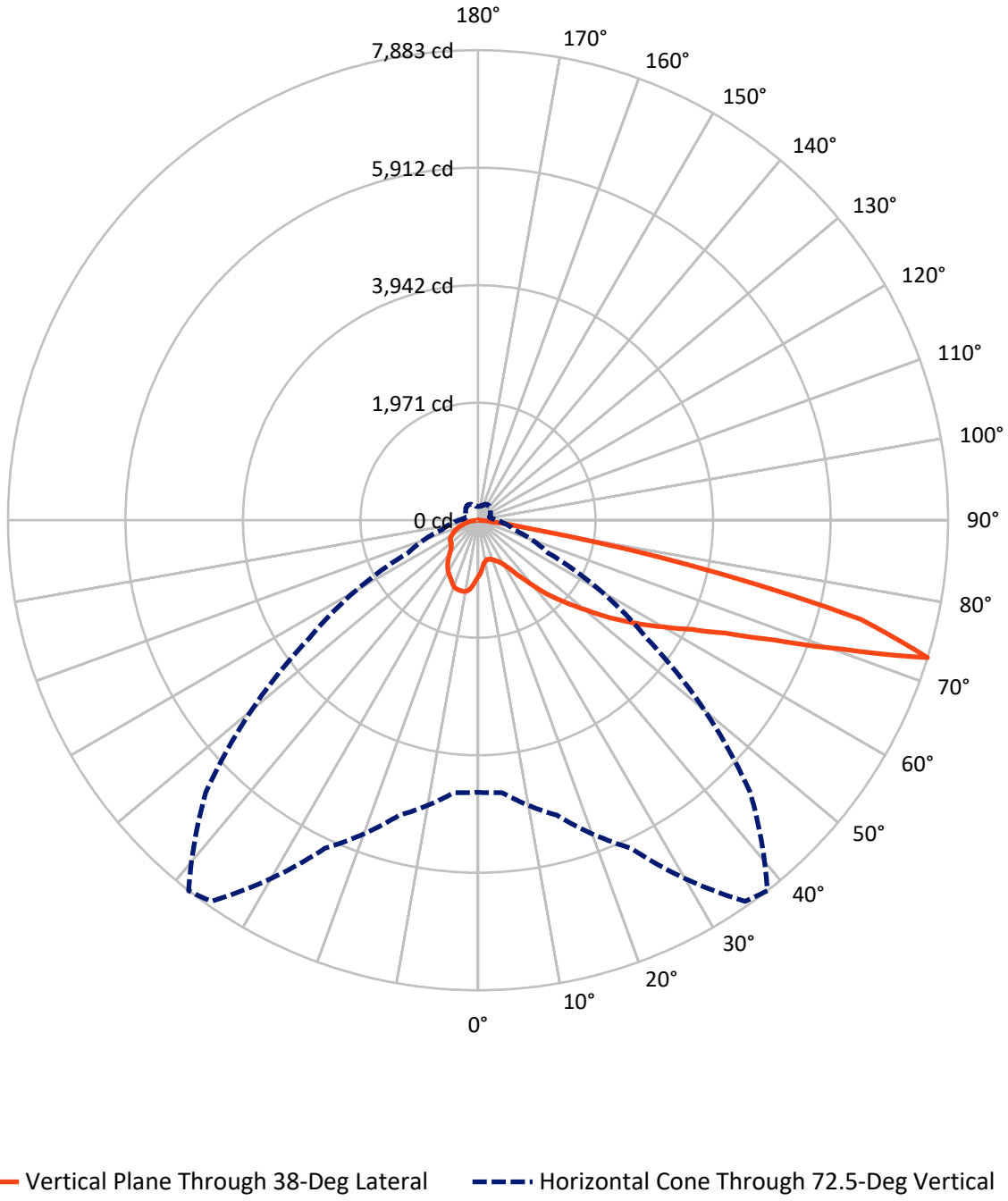
Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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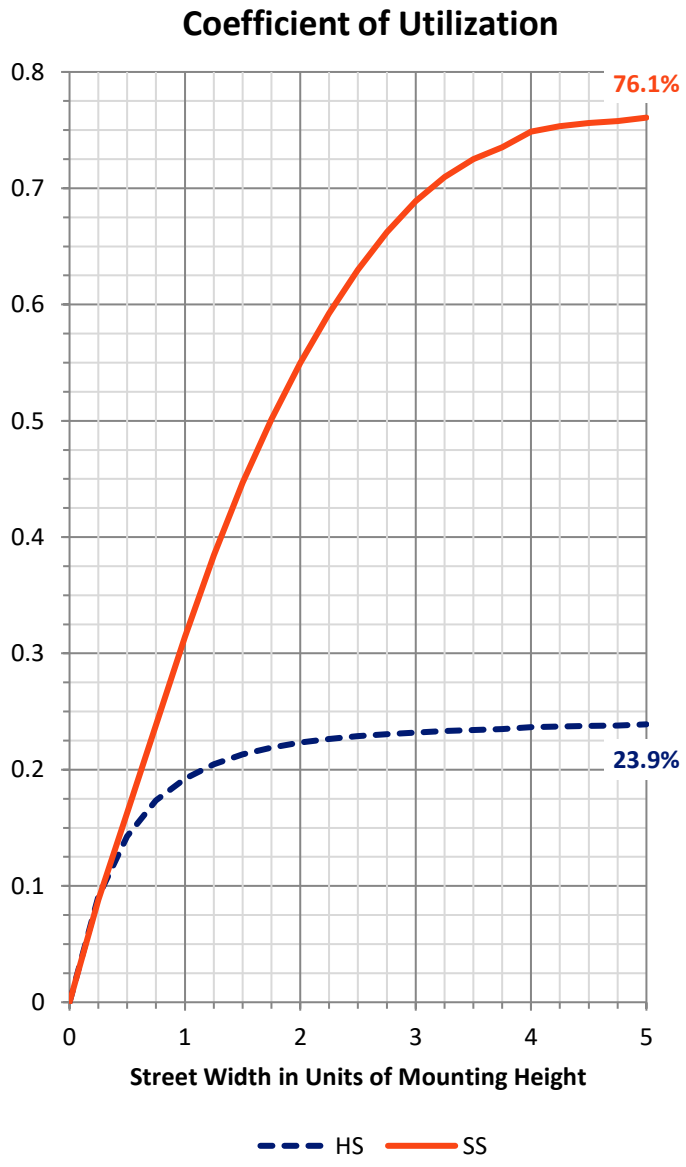
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1959.0	0.0	1959.0
	% Fixture	24.2	0.0	24.2
Street Side	Lumens	6149.3	0.0	6149.3
	% Fixture	75.8	0.0	75.8
Total	Lumens	8108.3	0.0	8108.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	1.1
10°-20°	271.4	3.3
20°-30°	457.4	5.6
30°-40°	703.0	8.7
40°-50°	1084.9	13.4
50°-60°	1721.9	21.2
60°-70°	2243.6	27.7
70°-80°	1458.2	18.0
80°-90°	77.9	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°	8108.3	100.0
0°-180°	8108.3	100.0



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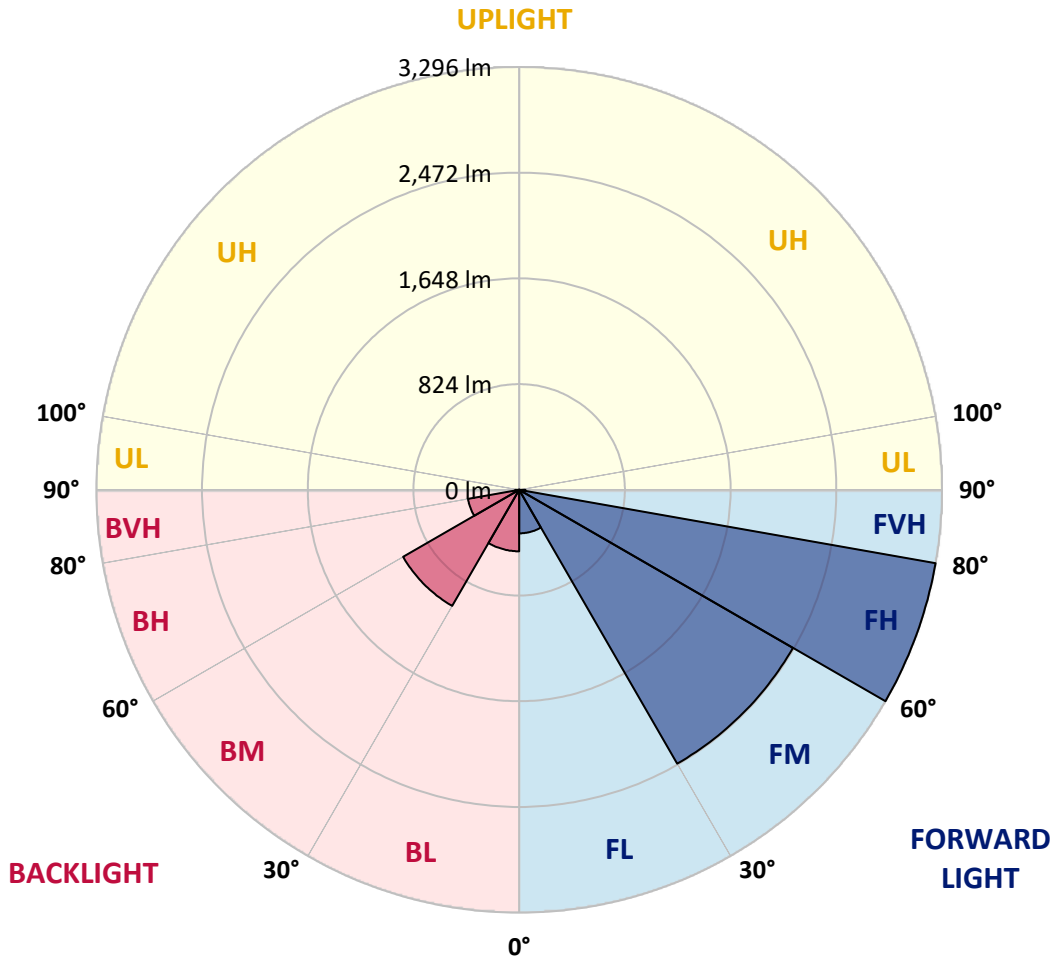
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	339.4	4.2			
FM	(30°-60°)	2465.1	30.4			
FH	(60°-80°)	3296.4	40.7			G2/5000
FVH	(80°-90°)	48.3	0.6			G1/100
BL	(0°-30°)	479.4	5.9	B1/500		
BM	(30°-60°)	1044.6	12.9	B2/2500		
BH	(60°-80°)	405.3	5.0	B1/500		G1/500
BVH	(80°-90°)	29.6	0.4			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 IV Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	38°	45°	55°	65°	75°	85°
0°	939.0	939.0	939.0	939.0	939.0	*939.0*	939.0	939.0	939.0	939.0	939.0
2.5°	864.0	860.1	864.0	864.0	879.8	*879.8*	879.8	891.7	903.5	915.3	931.1
5°	757.5	749.6	753.6	761.5	773.3	*793.0*	800.9	828.5	852.2	887.7	923.2
7.5°	682.6	682.6	686.5	698.3	714.1	*726.0*	745.7	777.2	816.7	868.0	915.3
10°	647.0	647.0	651.0	658.9	678.6	*694.4*	706.2	745.7	793.0	856.2	915.3
12.5°	635.2	635.2	639.2	647.0	666.8	*674.7*	694.4	733.8	781.2	848.3	927.2
15°	643.1	639.2	639.2	647.0	666.8	*678.6*	698.3	737.8	785.1	856.2	939.0
17.5°	658.9	658.9	654.9	662.8	674.7	*686.5*	706.2	749.6	800.9	860.1	950.8
20°	678.6	682.6	670.7	678.6	698.3	*710.2*	726.0	769.4	820.6	871.9	962.7
22.5°	718.1	718.1	702.3	702.3	722.0	*733.8*	749.6	793.0	840.4	895.6	994.2
25°	785.1	781.2	757.5	741.7	745.7	*761.5*	785.1	820.6	868.0	919.3	1014.0
27.5°	891.7	887.7	848.3	812.8	797.0	*804.9*	820.6	864.0	903.5	939.0	1053.4
30°	1049.5	1037.6	990.3	915.3	871.9	*868.0*	875.9	919.3	946.9	978.5	1100.8
32.5°	1207.3	1207.3	1152.1	1049.5	978.5	*962.7*	950.8	986.4	1014.0	1045.5	1171.8
35°	1388.8	1369.1	1309.9	1215.2	1112.6	*1100.8*	1065.3	1081.0	1112.6	1124.4	1246.8
37.5°	1550.6	1538.7	1487.4	1400.6	1286.2	*1266.5*	1215.2	1219.1	1234.9	1215.2	1361.2
40°	1704.4	1704.4	1649.2	1594.0	1499.3	*1459.8*	1400.6	1392.7	1380.9	1345.4	1503.2
42.5°	1901.7	1870.1	1795.2	1755.7	1708.4	*1688.6*	1641.3	1609.7	1570.3	1507.2	1688.6
45°	2016.1	1996.4	1917.5	1909.6	1897.7	*1901.7*	1885.9	1858.3	1803.1	1708.4	1925.4
47.5°	2130.5	2114.7	2071.3	2095.0	2102.9	*2130.5*	2170.0	2154.2	2047.7	1921.4	2244.9
50°	2343.6	2331.7	2284.4	2323.9	2351.5	*2375.1*	2446.2	2477.7	2319.9	2177.9	2604.0
52.5°	2548.7	2556.6	2525.1	2568.5	2635.5	*2682.9*	2757.9	2797.3	2588.2	2461.9	3069.5
55°	2757.9	2750.0	2781.5	2836.8	2947.2	*2986.7*	3105.1	3148.4	2864.4	2722.3	3594.3
57.5°	2994.6	2982.7	2998.5	3085.3	3251.0	*3306.3*	3424.6	3479.9	3101.1	2998.5	4186.1
60°	3337.8	3266.8	3282.6	3365.4	3590.3	*3645.6*	3811.3	3850.7	3326.0	3219.5	4604.3
62.5°	3752.1	3689.0	3621.9	3677.1	3961.2	*4036.2*	4269.0	4182.2	3491.7	3219.5	4403.1
65°	4055.9	4008.6	4000.7	4150.6	4474.1	*4568.8*	4781.9	4489.9	3393.1	2892.0	3728.4
67.5°	4529.3	4521.5	4371.5	4600.4	5247.4	*5357.9*	5492.0	4525.4	3061.7	2390.9	2497.5
70°	5014.6	5026.5	5050.1	5401.3	6332.4	*6482.3*	6537.6	4312.4	2418.5	1416.4	1057.4
72.5°	*4564.9*	*4584.6*	*5125.1*	*6068.1*	*7804.1*	*7883.0*	*6454.7*	*3460.1*	*1298.0*	*631.3*	*406.4*
75°	2209.4	2363.3	3404.9	5192.2	6999.2	*6632.3*	4328.1	1231.0	516.9	327.5	244.6
77.5°	469.5	493.2	939.0	2540.9	3953.3	*3602.2*	1692.6	363.0	252.5	213.1	161.8
80°	138.1	149.9	220.9	473.5	1021.9	*990.3*	359.0	181.5	161.8	146.0	110.5
82.5°	78.9	82.9	126.3	173.6	260.4	*256.5*	130.2	106.5	106.5	94.7	63.1
85°	35.5	39.5	51.3	82.9	94.7	*86.8*	55.2	47.3	51.3	51.3	31.6
87.5°	3.9	7.9	7.9	11.8	11.8	*11.8*	11.8	11.8	11.8	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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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	939.0	939.0	939.0	939.0	939.0	939.0	939.0	939.0	939.0	939.0	939.0
2.5°	939.0	946.9	962.7	970.6	986.4	998.2	1010.0	1010.0	1017.9	1021.9	1021.9
5°	939.0	954.8	990.3	1014.0	1049.5	1077.1	1100.8	1112.6	1120.5	1128.4	1124.4
7.5°	943.0	970.6	1017.9	1069.2	1116.6	1152.1	1179.7	1195.5	1203.4	1207.3	1215.2
10°	950.8	986.4	1053.4	1120.5	1171.8	1199.4	1215.2	1223.1	1223.1	1227.0	1227.0
12.5°	962.7	1010.0	1092.9	1171.8	1203.4	1219.1	1219.1	1219.1	1211.2	1211.2	1207.3
15°	986.4	1029.8	1132.3	1203.4	1223.1	1215.2	1215.2	1199.4	1191.5	1191.5	1191.5
17.5°	998.2	1053.4	1171.8	1223.1	1223.1	1215.2	1207.3	1175.7	1163.9	1152.1	1148.1
20°	1025.8	1081.0	1203.4	1231.0	1223.1	1207.3	1183.6	1144.2	1116.6	1108.7	1112.6
22.5°	1049.5	1108.7	1227.0	1223.1	1211.2	1175.7	1132.3	1096.8	1088.9	1085.0	1081.0
25°	1085.0	1152.1	1242.8	1207.3	1179.7	1120.5	1081.0	1073.2	1073.2	1069.2	1077.1
27.5°	1124.4	1207.3	1254.6	1183.6	1112.6	1053.4	1049.5	1061.3	1069.2	1065.3	1065.3
30°	1183.6	1274.4	1266.5	1148.1	1037.6	990.3	1014.0	1037.6	1049.5	1045.5	1049.5
32.5°	1262.5	1353.3	1266.5	1100.8	950.8	931.1	966.6	998.2	1014.0	1017.9	1025.8
35°	1365.1	1451.9	1274.4	1033.7	891.7	879.8	907.4	935.1	966.6	978.5	982.4
37.5°	1503.2	1586.1	1270.4	954.8	852.2	828.5	832.5	852.2	868.0	887.7	907.4
40°	1704.4	1736.0	1254.6	887.7	812.8	769.4	749.6	757.5	761.5	773.3	785.1
42.5°	1937.2	1893.8	1207.3	840.4	773.3	714.1	678.6	666.8	658.9	670.7	674.7
45°	2201.5	2071.3	1152.1	793.0	726.0	670.7	631.3	607.6	587.9	576.0	572.1
47.5°	2533.0	2300.2	1128.4	729.9	666.8	635.2	599.7	568.1	548.4	516.9	516.9
50°	2884.1	2556.6	1065.3	647.0	619.4	615.5	583.9	552.4	528.7	481.3	473.5
52.5°	3306.3	2860.4	958.7	576.0	583.9	615.5	572.1	532.6	493.2	449.8	445.8
55°	3787.6	3187.9	777.2	512.9	556.3	603.7	560.3	512.9	453.7	414.3	406.4
57.5°	4217.7	3464.1	607.6	457.7	512.9	572.1	540.5	469.5	406.4	374.8	370.9
60°	4489.9	3507.5	481.3	414.3	469.5	544.5	509.0	426.1	378.8	347.2	343.3
62.5°	4032.2	2931.5	390.6	366.9	426.1	501.1	469.5	398.5	351.1	319.6	315.6
65°	3270.8	2166.0	323.5	327.5	386.7	453.7	441.9	370.9	323.5	295.9	288.0
67.5°	2035.8	1234.9	268.3	295.9	339.3	398.5	398.5	351.1	295.9	268.3	268.3
70°	808.8	481.3	232.8	260.4	299.9	343.3	359.0	315.6	272.2	252.5	248.6
72.5°	*323.5*	*248.6*	*197.3*	*232.8*	*252.5*	*288.0*	*307.7*	*295.9*	*252.5*	*232.8*	*232.8*
75°	205.2	177.5	165.7	197.3	209.1	228.8	272.2	264.3	236.7	284.1	288.0
77.5°	138.1	118.4	130.2	157.8	165.7	193.3	224.9	224.9	197.3	220.9	181.5
80°	94.7	82.9	94.7	110.5	122.3	153.9	177.5	173.6	153.9	149.9	134.1
82.5°	55.2	51.3	67.1	71.0	71.0	102.6	126.3	122.3	110.5	102.6	98.6
85°	19.7	19.7	31.6	35.5	35.5	51.3	71.0	67.1	67.1	59.2	59.2
87.5°	3.9	3.9	3.9	3.9	7.9	11.8	15.8	11.8	11.8	15.8	15.8
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

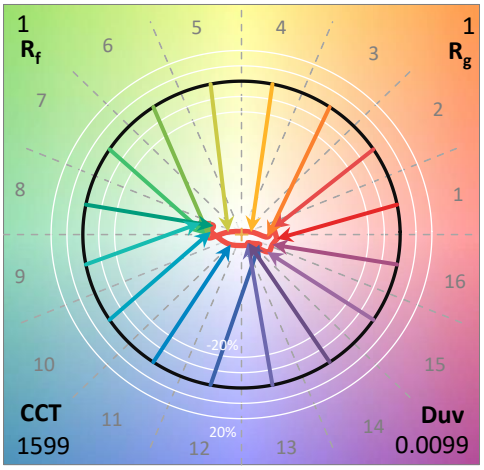
Test Information

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

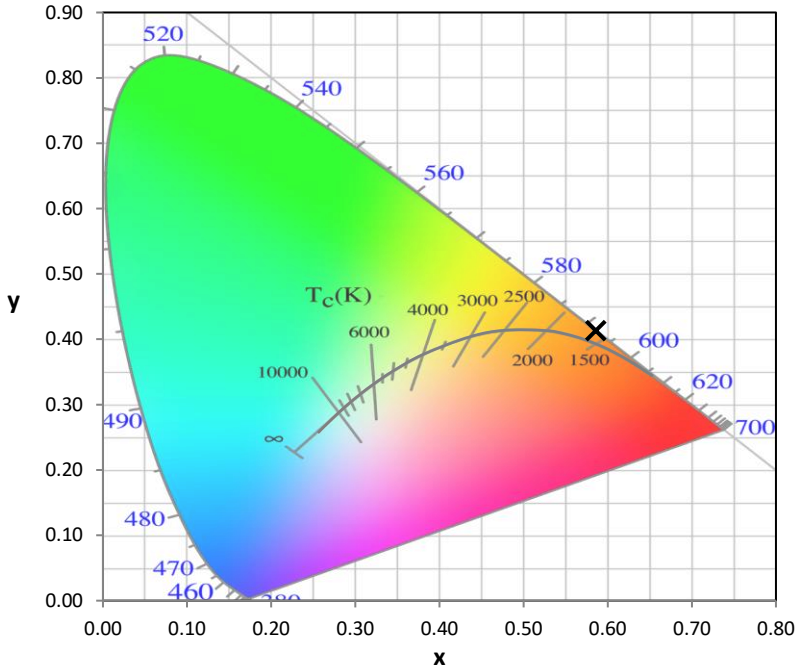
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

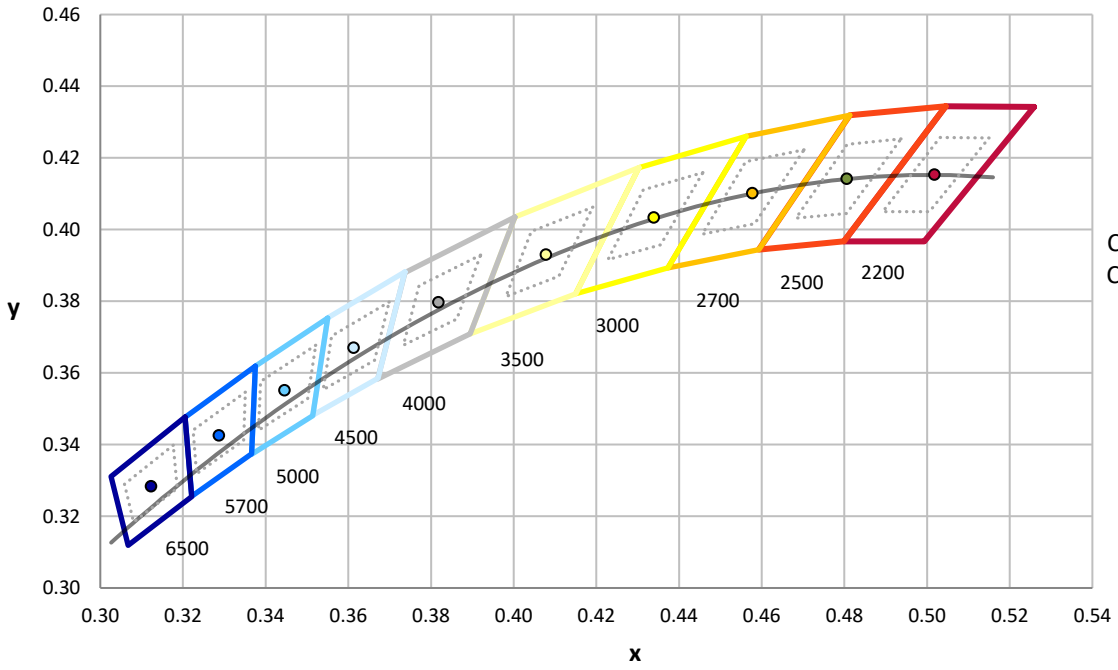
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

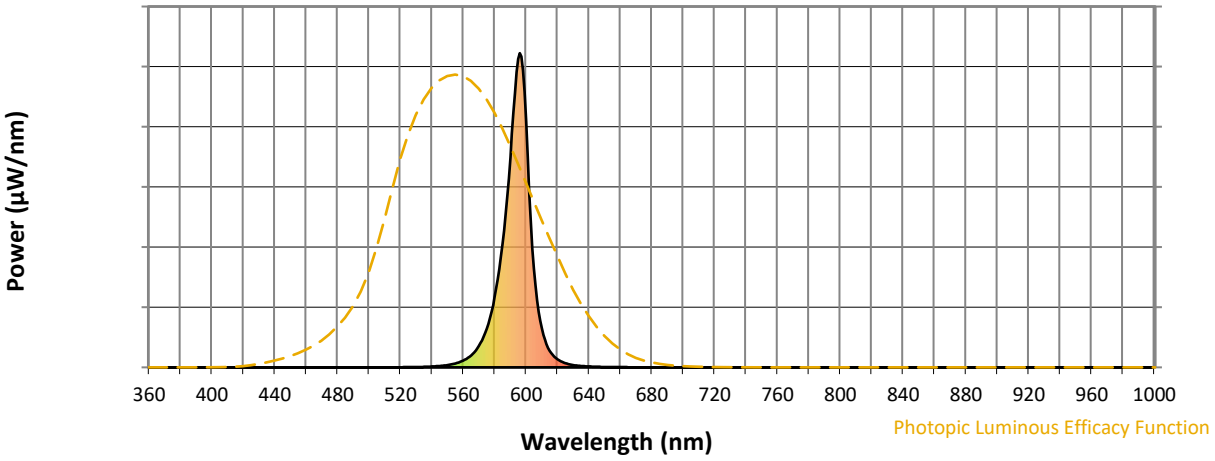


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

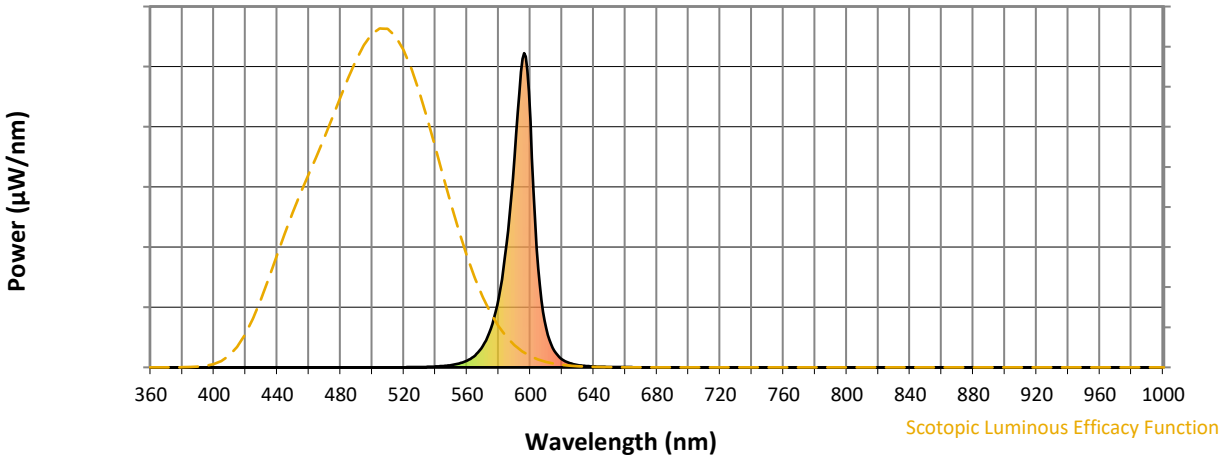


Photopic Lumens: NR

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

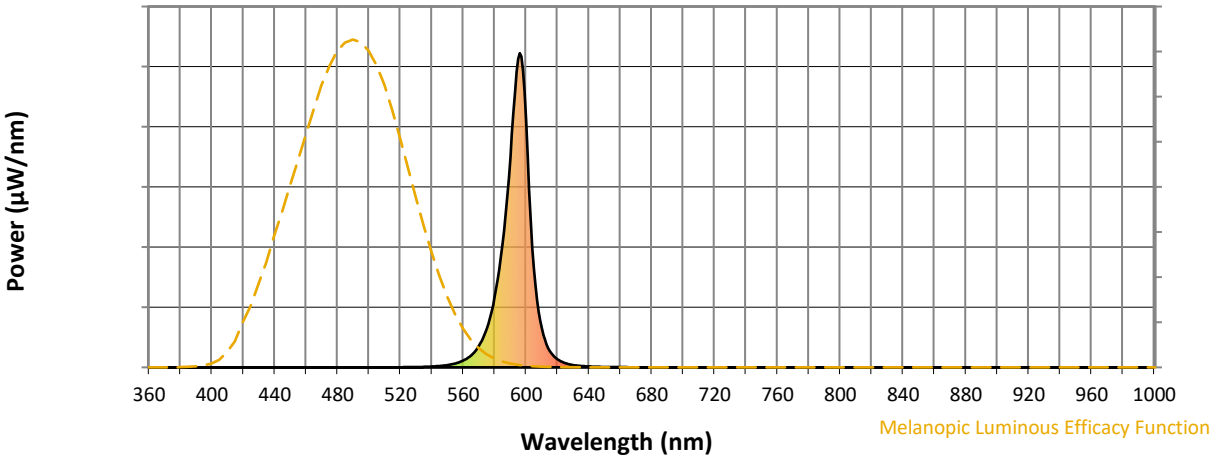


Scotopic Lumens: NR **S/P: 0.23**

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			

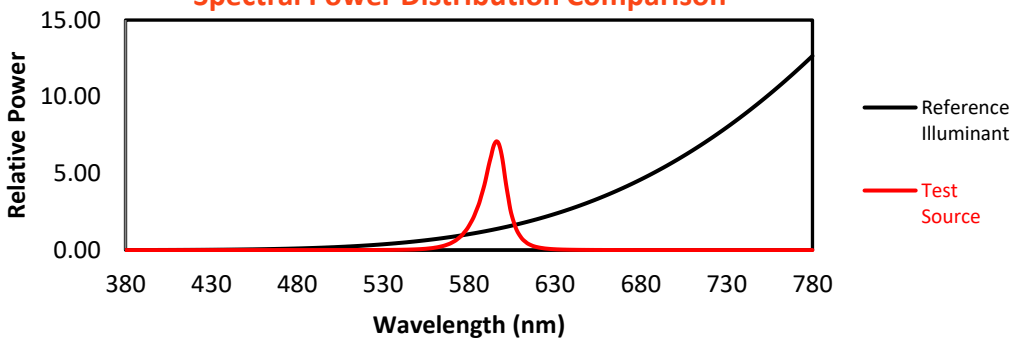
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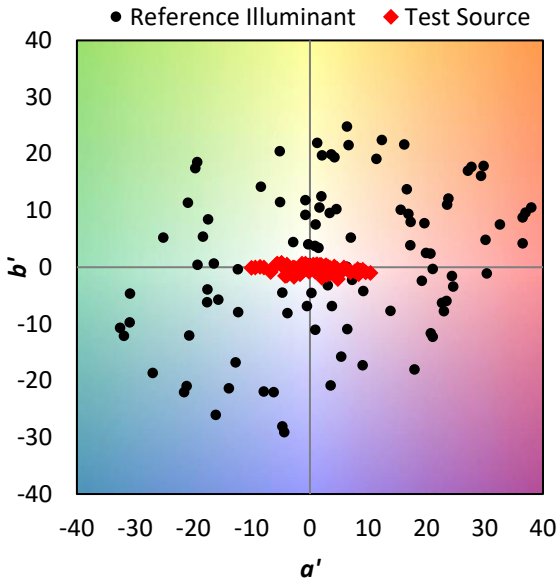
Summary

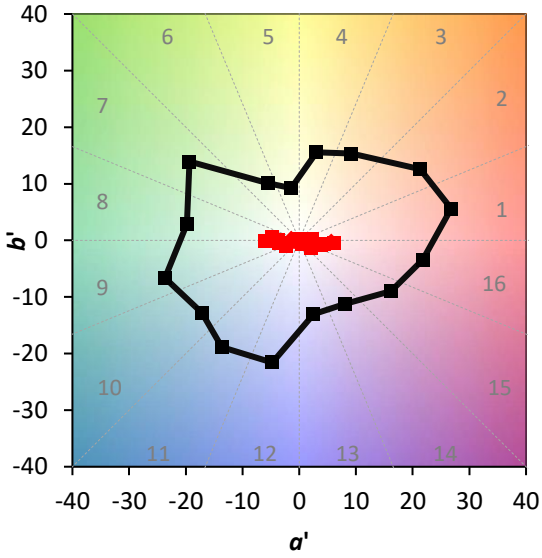
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

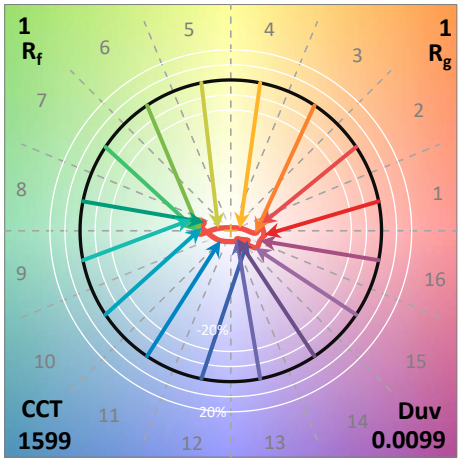
Spectral Power Distribution Comparison

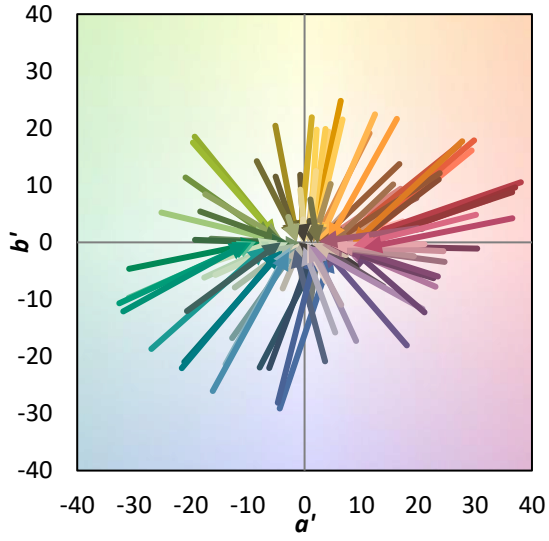


Color Vector Graphics







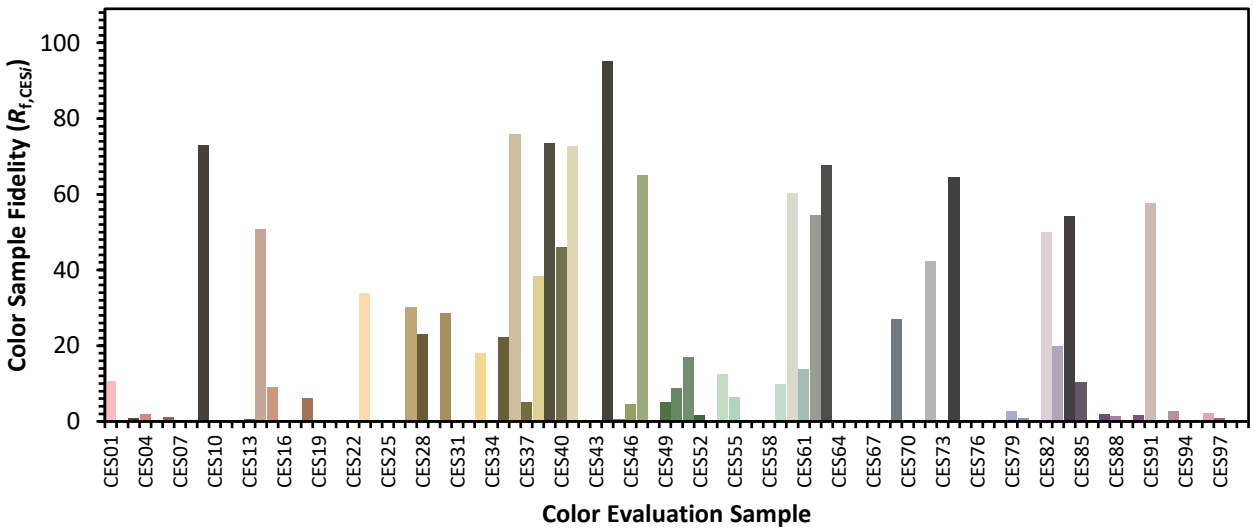


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Individual Sample Fidelity Index ($R_{f,i}$)

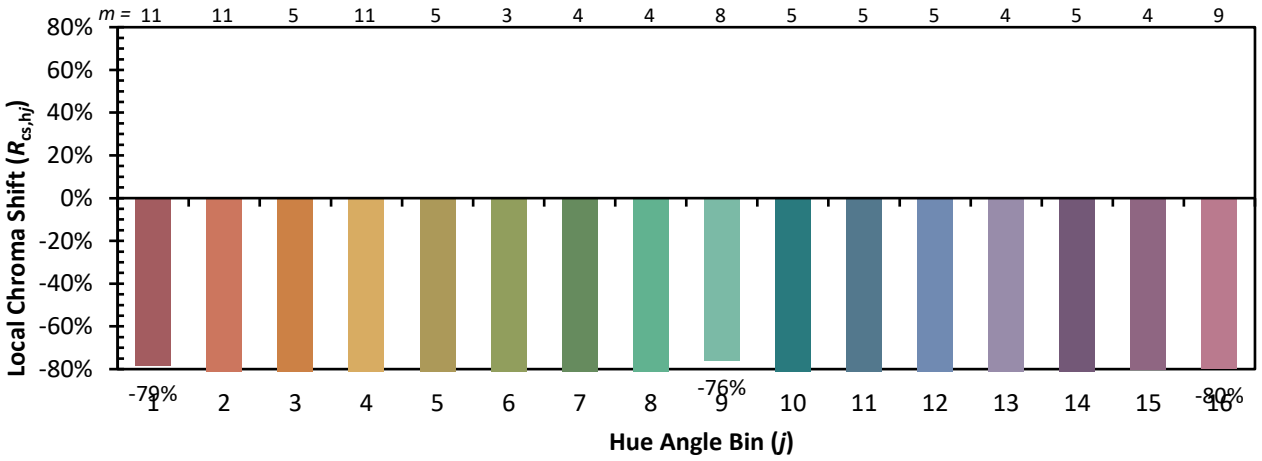
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

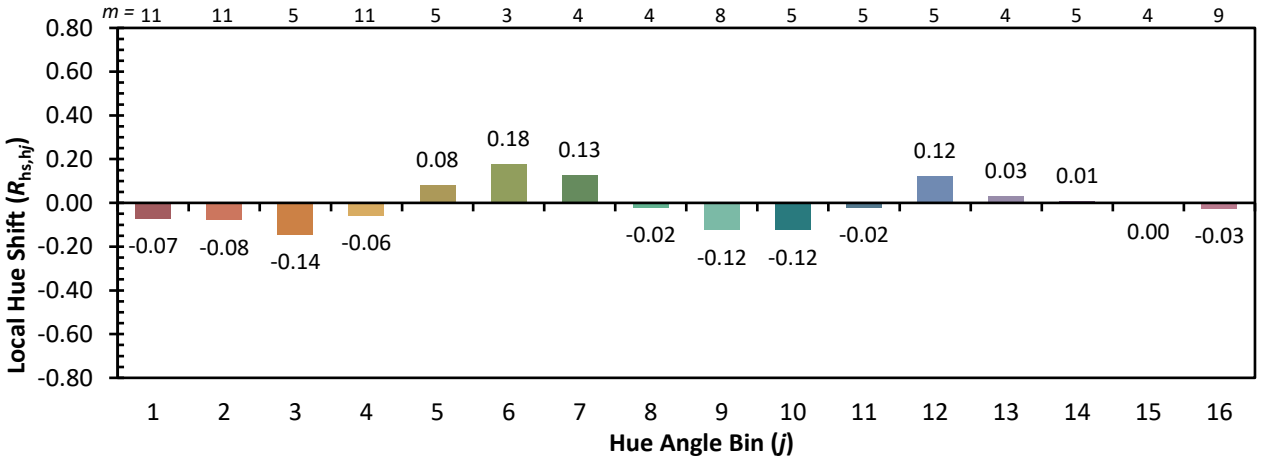


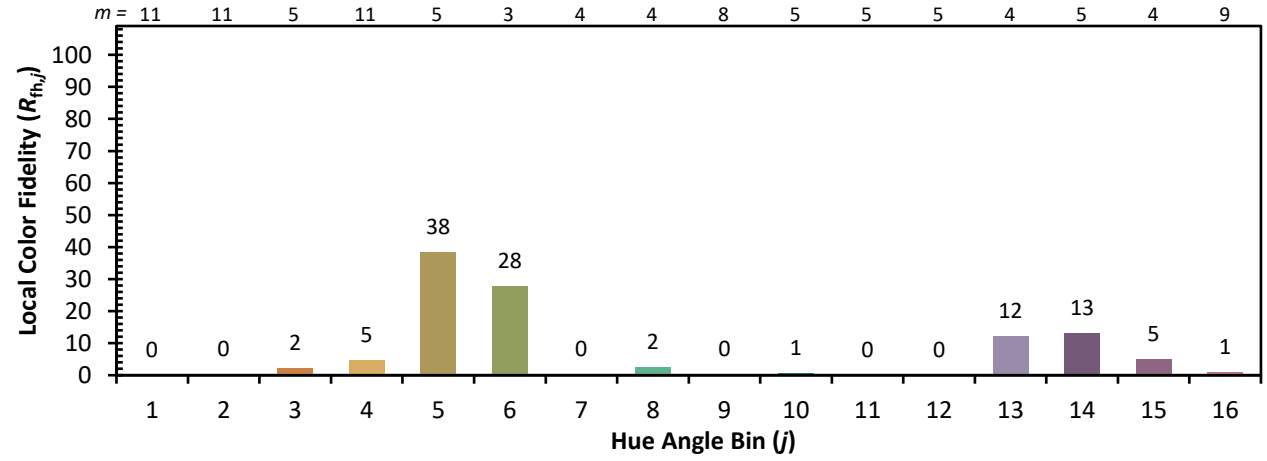
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Color Rendition by Hue-Angle Bin



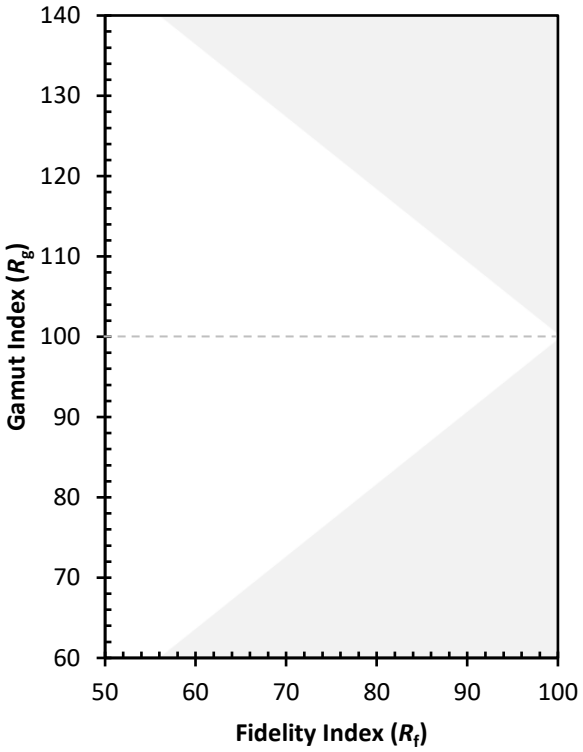


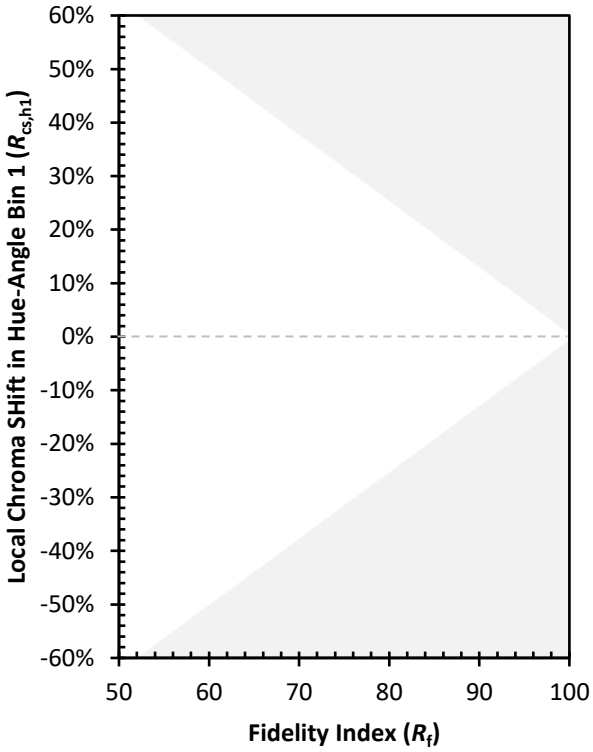


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Measure Comparisons





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