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-T2LG-HSS

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-T2LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6623.3 lumens
Efficiency:	N/A
Efficacy:	50.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - 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

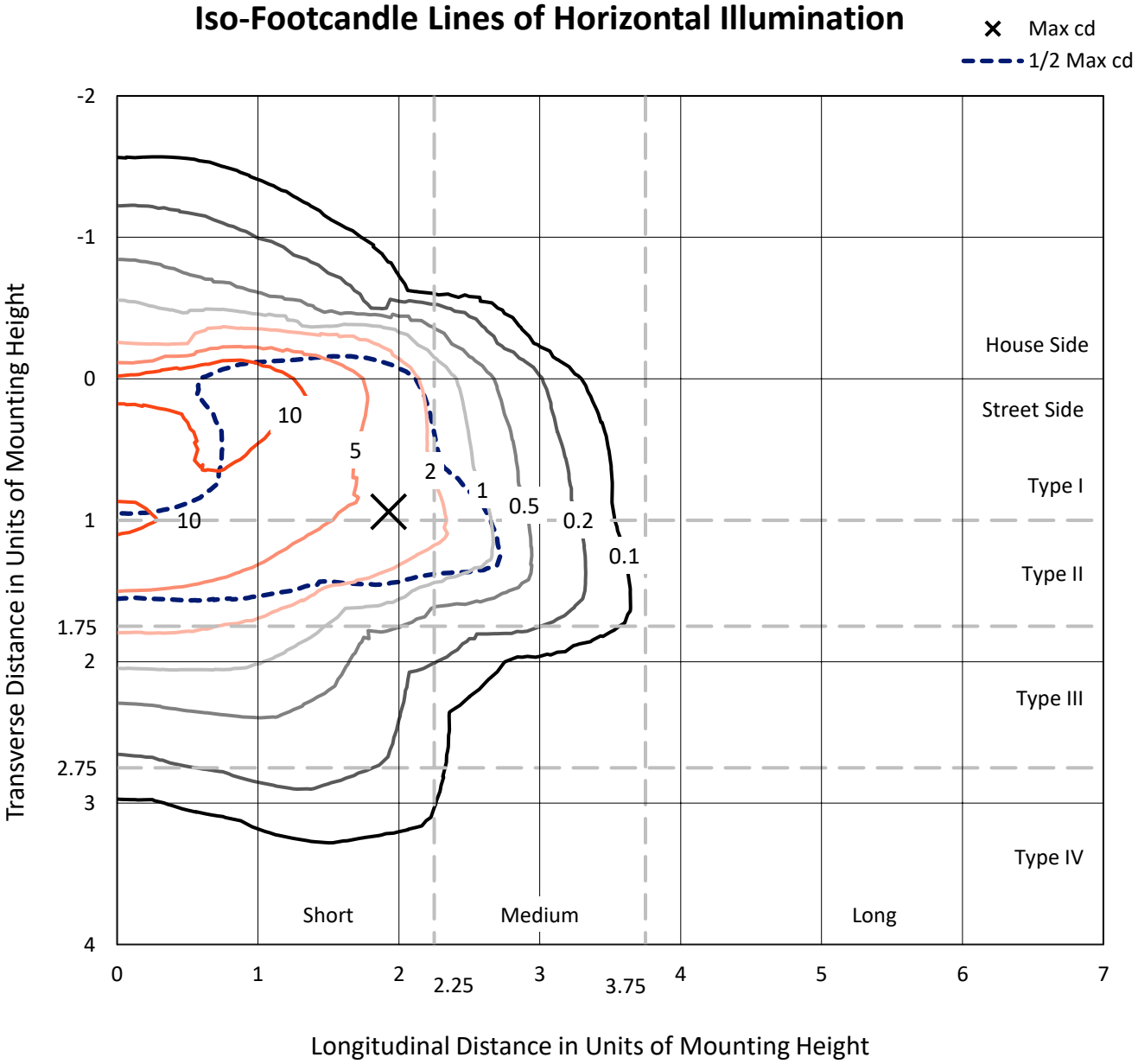


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



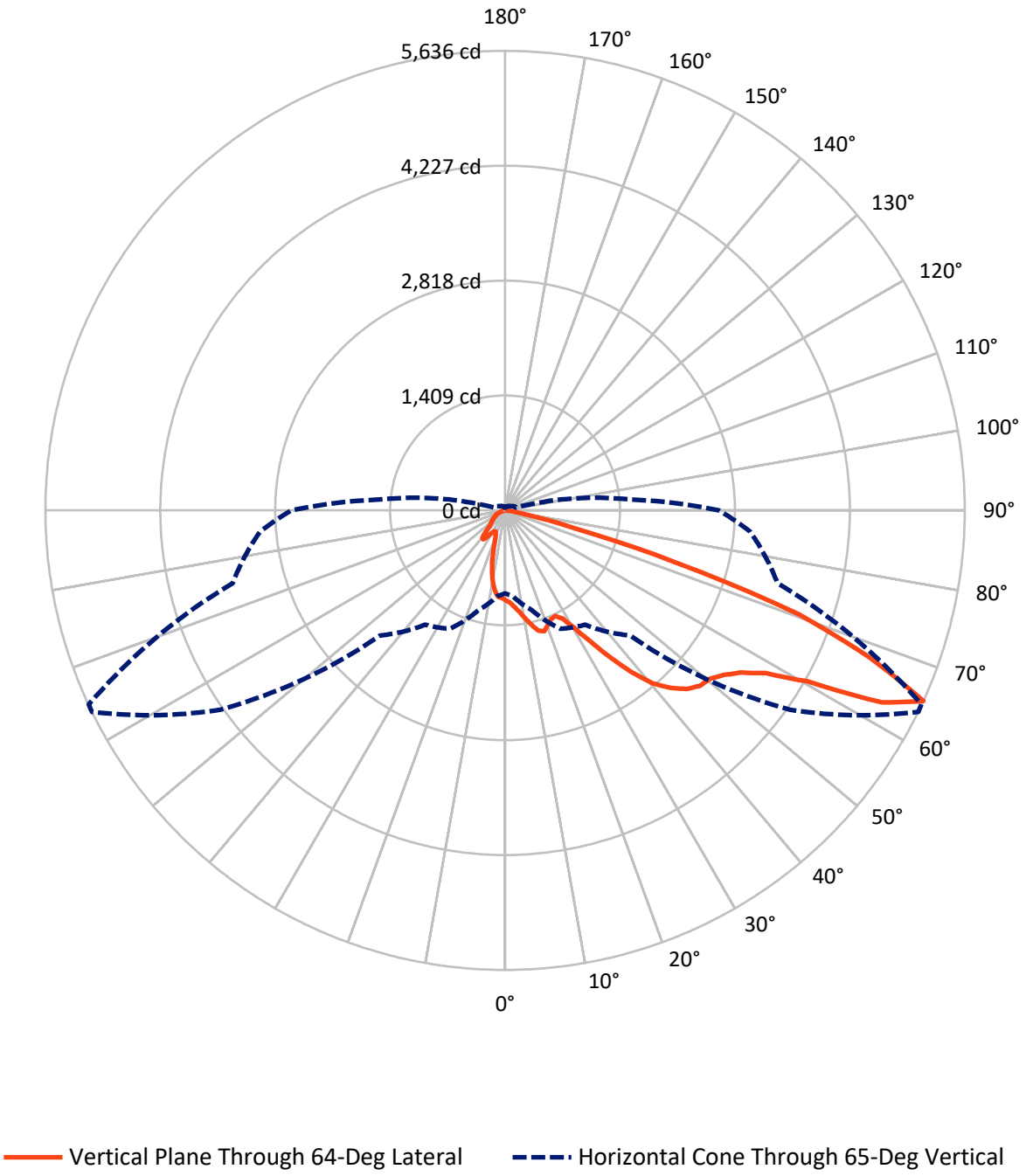
Based on 10 foot mounting height. Maximum calculated value = 18.5 fc
Type II - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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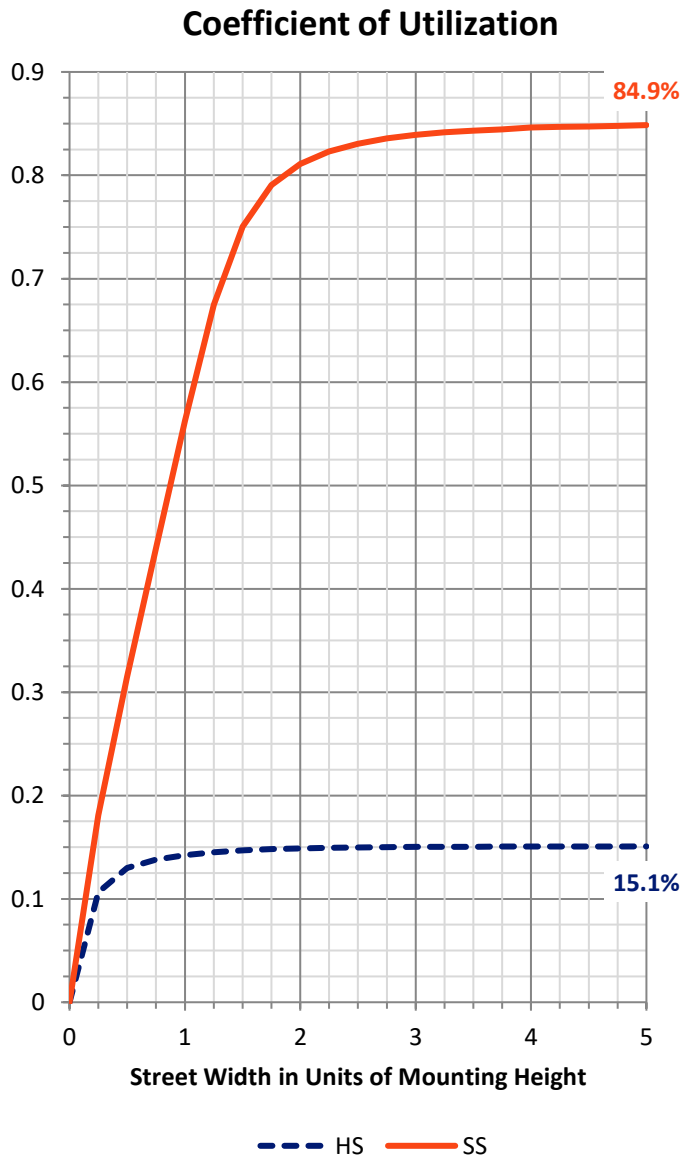
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1005.9	0.0	1005.9
	% Fixture	15.2	0.0	15.2
Street Side	Lumens	5617.4	0.0	5617.4
	% Fixture	84.8	0.0	84.8
Total	Lumens	6623.3	0.0	6623.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.0	1.5
10°-20°	239.0	3.6
20°-30°	425.6	6.4
30°-40°	847.6	12.8
40°-50°	1430.7	21.6
50°-60°	1850.9	27.9
60°-70°	1397.2	21.1
70°-80°	313.1	4.7
80°-90°	22.2	0.3
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°	6623.3	100.0
0°-180°	6623.3	100.0



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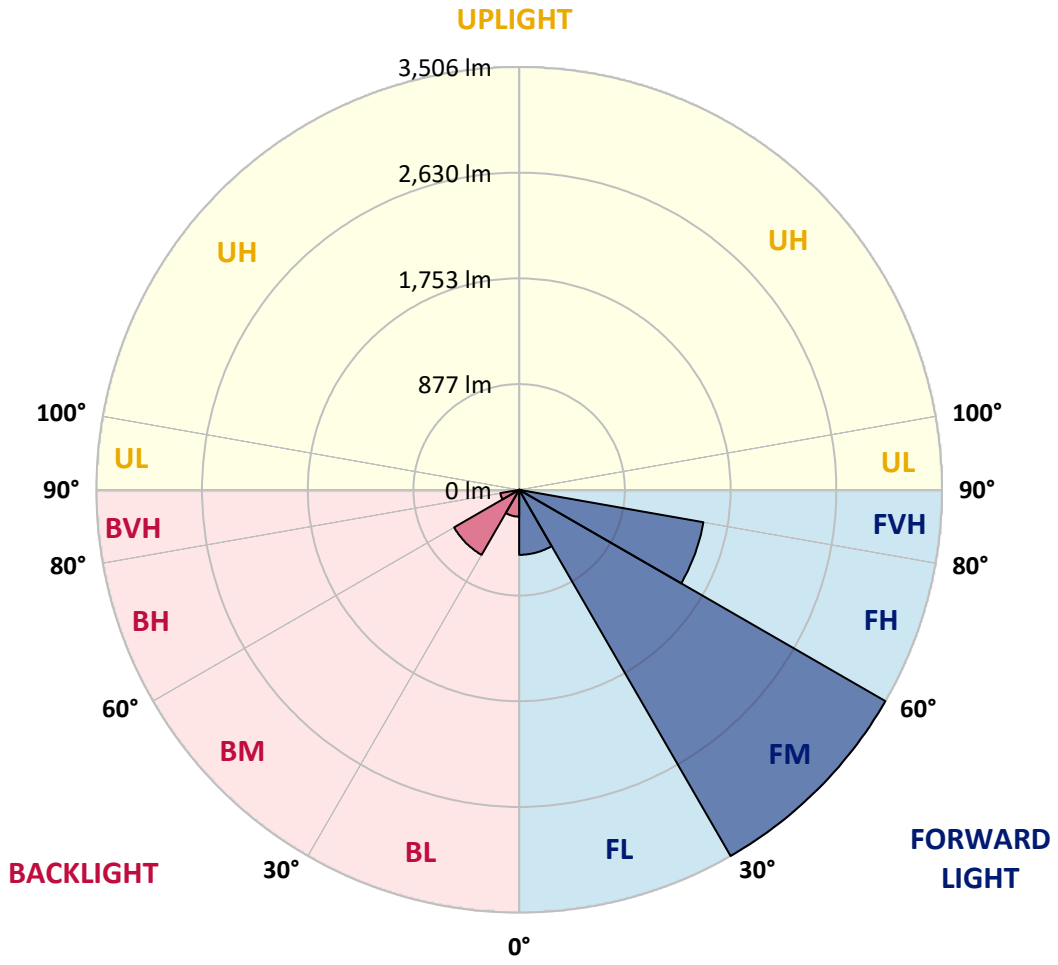
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	539.1	8.1			
FM	(30°-60°)	3506.4	52.9			
FH	(60°-80°)	1551.4	23.4			G1/1800
FVH	(80°-90°)	20.5	0.3			G1/100
BL	(0°-30°)	222.6	3.4	B1/500		
BM	(30°-60°)	622.7	9.4	B1/1000		
BH	(60°-80°)	158.9	2.4	B1/500		G1/500
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	*1104.2*	1104.2	1104.2	1104.2
2.5°	1175.2	1167.3	1167.3	1163.4	1155.5	1151.6	1147.6	*1131.9*	1135.8	1131.9	1112.1
5°	1226.5	1210.7	1206.8	1214.7	1210.7	1206.8	1206.8	*1187.1*	1191.0	1179.2	1155.5
7.5°	1226.5	1210.7	1218.6	1230.4	1242.3	1254.1	1262.0	*1254.1*	1262.0	1246.2	1214.7
10°	1100.3	1092.4	1112.1	1163.4	1226.5	1293.5	1336.9	*1344.8*	1348.8	1344.8	1293.5
12.5°	855.8	855.8	891.3	954.4	1088.5	1242.3	1384.3	*1439.5*	1443.4	1455.2	1400.0
15°	761.1	757.2	769.0	796.6	891.3	1068.8	1336.9	*1530.2*	1545.9	1585.4	1526.2
17.5°	765.1	765.1	757.2	769.0	812.4	926.8	1214.7	*1557.8*	1601.2	1747.1	1672.1
20°	808.5	800.6	800.6	796.6	812.4	887.3	1112.1	*1498.6*	1577.5	1916.7	1849.6
22.5°	875.5	867.6	867.6	859.7	859.7	911.0	1064.8	*1447.4*	1526.2	2102.0	2046.8
25°	954.4	954.4	946.5	938.6	946.5	974.1	1112.1	*1435.5*	1506.5	2303.1	2291.3
27.5°	1104.2	1096.4	1056.9	1029.3	1053.0	1084.5	1218.6	*1502.6*	1569.6	2464.8	2551.6
30°	1325.1	1313.3	1273.8	1195.0	1183.1	1234.4	1372.4	*1672.1*	1723.4	2638.4	2898.7
32.5°	1510.5	1514.4	1486.8	1419.7	1380.3	1400.0	1601.2	*1908.8*	1971.9	2847.4	3261.5
35°	1676.1	1672.1	1672.1	1648.5	1624.8	1640.6	1857.5	*2204.6*	2263.7	3076.1	3667.7
37.5°	1849.6	1837.8	1798.3	1814.1	1869.3	1952.2	2173.0	*2512.2*	2567.4	3285.1	4038.4
40°	2157.2	2176.9	2106.0	2003.4	2078.4	2275.5	2464.8	*2788.2*	2843.4	3470.5	4342.1
42.5°	2583.2	2563.4	2476.7	2338.6	2303.1	2504.3	2772.5	*2977.5*	3040.6	3588.8	4519.5
45°	2953.9	2926.3	2843.4	2748.8	2595.0	2689.6	2949.9	*3123.4*	3158.9	3651.9	4614.2
47.5°	3300.9	3285.1	3222.0	3135.3	2973.6	2890.8	3013.0	*3214.2*	3249.6	3667.7	4653.6
50°	3525.7	3513.9	3529.7	3509.9	3344.3	3162.9	3064.3	*3249.6*	3300.9	3726.8	4657.6
52.5°	3454.7	3446.8	3553.3	3691.3	3734.7	3490.2	3166.8	*3352.2*	3407.4	3853.0	4736.4
55°	3155.0	3151.1	3316.7	3596.7	3837.3	3880.6	3399.5	*3509.9*	3553.3	4030.5	4744.3
57.5°	2764.6	2744.8	2918.4	3285.1	3699.2	4010.8	3857.0	*3766.3*	3786.0	4188.3	4748.3
60°	1896.9	1908.8	2299.2	2689.6	3297.0	3758.4	4413.1	*4255.3*	4215.9	4184.3	4436.7
62.5°	1380.3	1388.2	1565.7	1932.4	2472.7	3277.3	4460.4	*5186.0*	5079.5	3995.0	4006.8
65°	*1017.5*	*1053.0*	*1265.9*	*1601.2*	*1711.6*	*2169.1*	*4259.2*	*5635.6*	*5631.7*	*3458.7*	*3017.0*
67.5°	595.5	631.0	950.4	1317.2	1364.5	1127.9	3123.4	*4827.1*	4874.5	2622.6	2023.1
70°	406.2	425.9	638.9	1053.0	1096.4	694.1	1317.2	*3821.5*	3829.4	1983.7	1277.8
72.5°	228.7	232.7	394.4	780.9	891.3	469.3	611.3	*2180.9*	2113.8	1041.1	603.4
75°	122.3	134.1	213.0	473.2	666.5	315.5	256.3	*887.3*	946.5	437.8	331.3
77.5°	74.9	78.9	114.4	295.8	414.1	232.7	165.6	*327.3*	358.9	276.1	177.5
80°	39.4	39.4	67.0	157.7	240.6	130.1	102.5	*149.9*	169.6	161.7	102.5
82.5°	11.8	15.8	35.5	55.2	145.9	35.5	35.5	*86.8*	94.6	98.6	55.2
85°	7.9	7.9	19.7	19.7	47.3	15.8	11.8	*27.6*	31.5	43.4	15.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*3.9*	3.9	3.9	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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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2	1104.2
2.5°	1108.2	1108.2	1096.4	1072.7	1072.7	1060.9	1049.0	1041.1	1041.1	1045.1	1033.3
5°	1139.7	1120.0	1100.3	1068.8	1021.4	962.3	875.5	820.3	761.1	745.4	769.0
7.5°	1191.0	1171.3	1116.1	1017.5	867.6	698.0	560.0	473.2	418.0	398.3	394.4
10°	1269.9	1234.4	1135.8	926.8	658.6	457.5	335.2	283.9	268.2	264.2	260.3
12.5°	1360.6	1309.3	1139.7	796.6	457.5	299.7	256.3	244.5	236.6	236.6	232.7
15°	1471.0	1407.9	1127.9	654.7	315.5	252.4	236.6	224.8	216.9	216.9	216.9
17.5°	1605.1	1506.5	1096.4	481.1	264.2	236.6	220.8	209.0	201.1	201.1	201.1
20°	1747.1	1616.9	1045.1	362.8	248.5	224.8	209.0	193.2	189.3	189.3	185.4
22.5°	1928.5	1755.0	970.2	307.6	236.6	213.0	193.2	177.5	173.5	173.5	173.5
25°	2133.6	1896.9	871.6	287.9	228.7	201.1	181.4	165.6	161.7	161.7	161.7
27.5°	2366.2	2046.8	769.0	295.8	220.8	189.3	169.6	157.7	153.8	153.8	153.8
30°	2650.2	2240.0	709.9	319.4	216.9	177.5	157.7	149.9	145.9	142.0	145.9
32.5°	2981.5	2476.7	725.6	354.9	224.8	173.5	153.8	142.0	142.0	138.0	138.0
35°	3356.1	2713.3	808.5	418.0	236.6	165.6	145.9	138.0	134.1	130.1	130.1
37.5°	3659.8	2930.2	911.0	469.3	240.6	153.8	142.0	130.1	126.2	122.3	122.3
40°	3908.3	3064.3	985.9	461.4	213.0	149.9	130.1	118.3	114.4	110.4	110.4
42.5°	4050.2	3162.9	1009.6	378.6	201.1	138.0	118.3	106.5	102.5	102.5	102.5
45°	4066.0	3119.5	922.8	276.1	189.3	126.2	110.4	98.6	94.6	94.6	94.6
47.5°	4081.8	3064.3	804.5	244.5	165.6	118.3	98.6	94.6	90.7	86.8	86.8
50°	4073.9	2989.4	698.0	228.7	149.9	110.4	98.6	86.8	82.8	82.8	78.9
52.5°	4156.7	2981.5	579.7	201.1	138.0	106.5	94.6	86.8	78.9	74.9	74.9
55°	4223.8	3001.2	449.6	181.4	130.1	102.5	86.8	82.8	74.9	71.0	71.0
57.5°	4282.9	2977.5	315.5	165.6	118.3	98.6	82.8	78.9	71.0	63.1	63.1
60°	4105.4	2740.9	224.8	149.9	106.5	90.7	78.9	71.0	63.1	59.2	55.2
62.5°	3667.7	2283.4	173.5	134.1	98.6	82.8	71.0	67.0	55.2	47.3	47.3
65°	*2618.6*	*1534.1*	*138.0*	*118.3*	*90.7*	*71.0*	*63.1*	*55.2*	*47.3*	*35.5*	*35.5*
67.5°	1727.4	887.3	106.5	94.6	78.9	59.2	55.2	47.3	39.4	31.5	27.6
70°	1005.7	437.8	82.8	71.0	63.1	47.3	43.4	43.4	35.5	27.6	23.7
72.5°	457.5	173.5	59.2	51.3	47.3	31.5	31.5	31.5	27.6	19.7	15.8
75°	248.5	98.6	43.4	35.5	27.6	23.7	23.7	23.7	19.7	11.8	11.8
77.5°	142.0	67.0	31.5	23.7	15.8	11.8	15.8	15.8	11.8	7.9	7.9
80°	71.0	43.4	15.8	11.8	7.9	7.9	7.9	3.9	3.9	0.0	0.0
82.5°	27.6	27.6	7.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0
85°	11.8	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

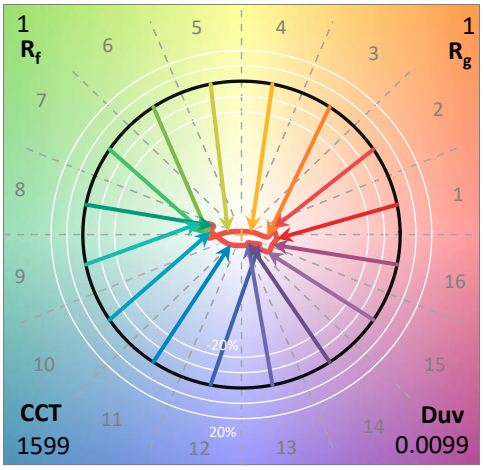
Test Information

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

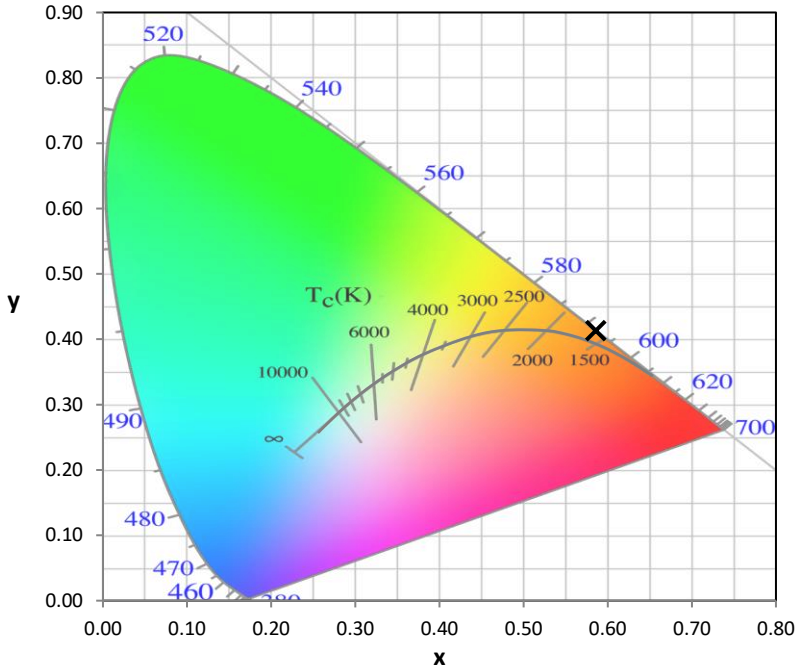
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

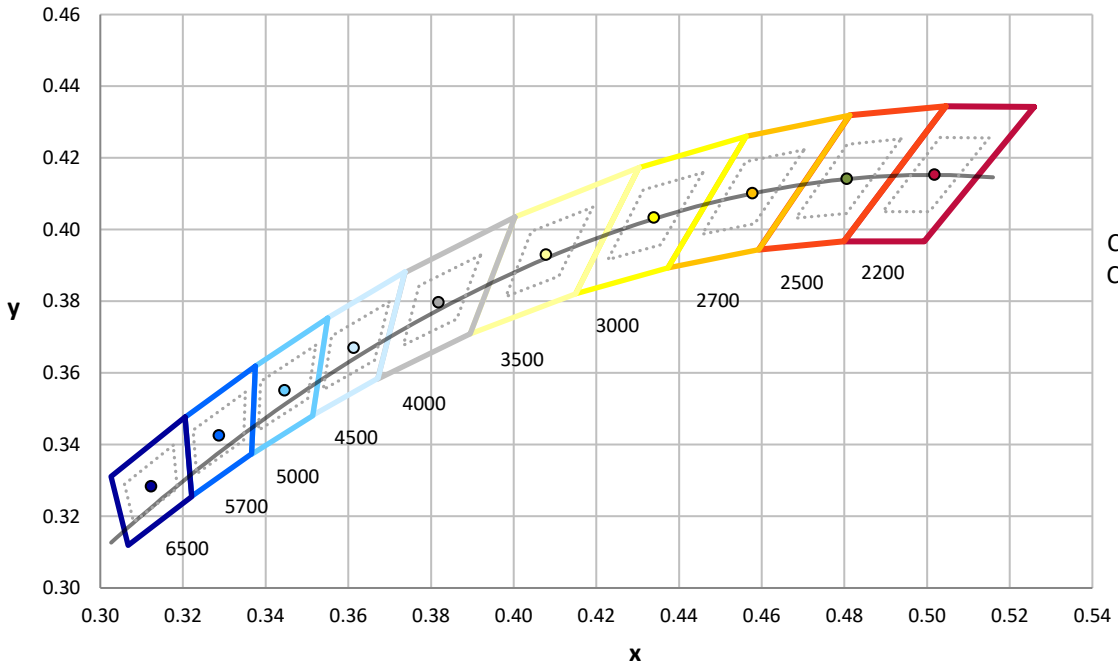
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

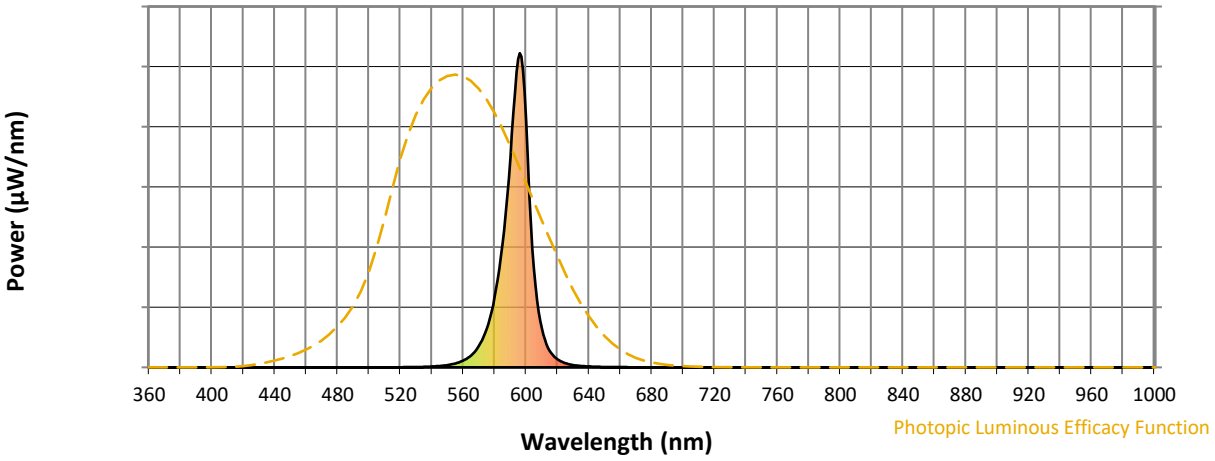


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

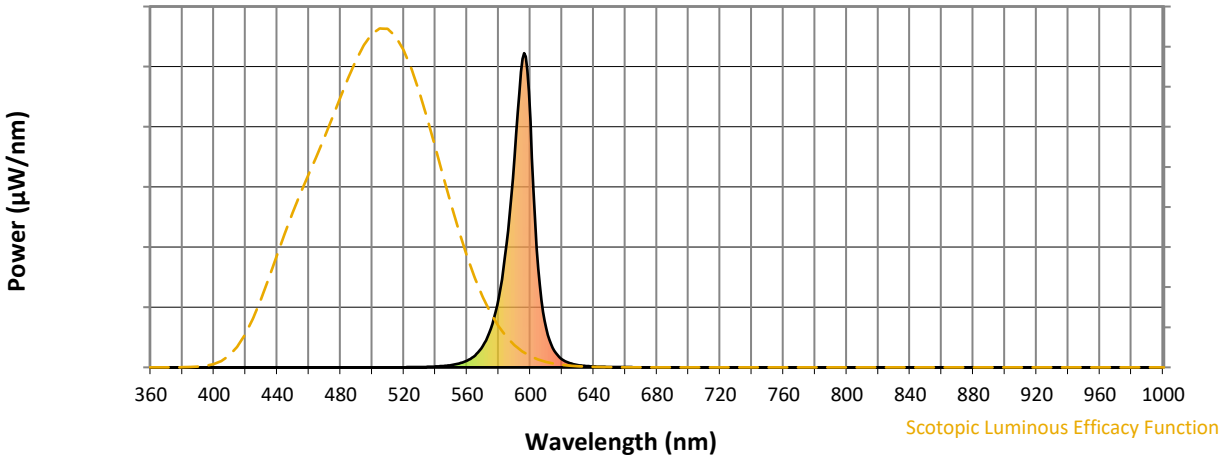


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

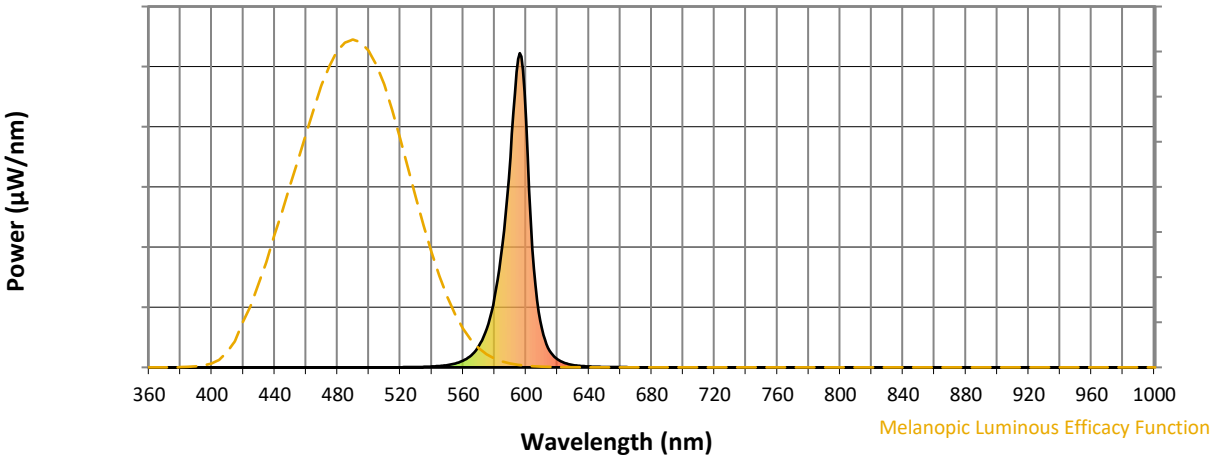


Scotopic Lumens: NR **S/P: 0.23**

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			

REPORT NUMBER: SP3-2509-541-1

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			

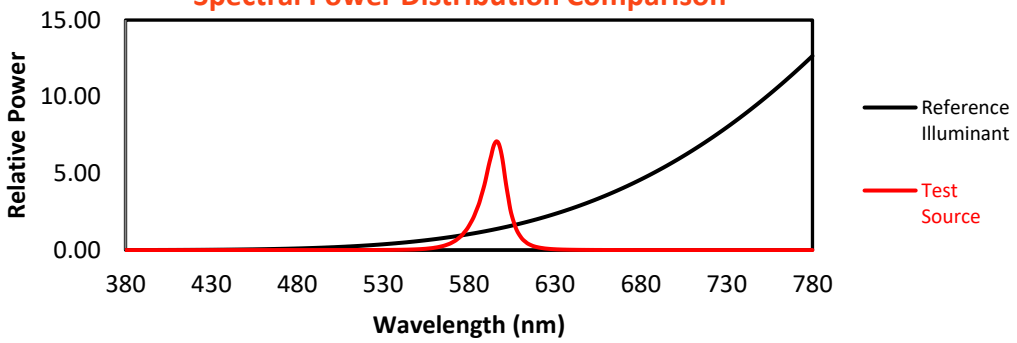
REPORT NUMBER: SP3-2509-541-1

TM-30-18

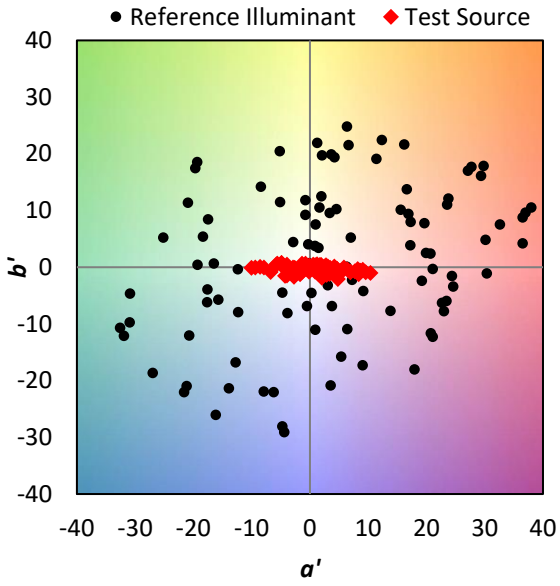
Summary

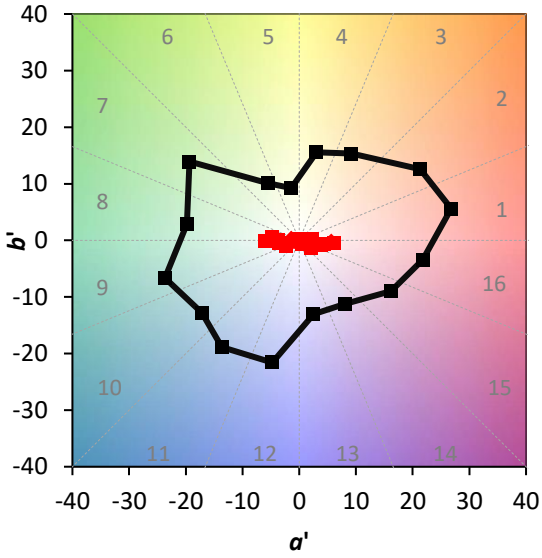
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

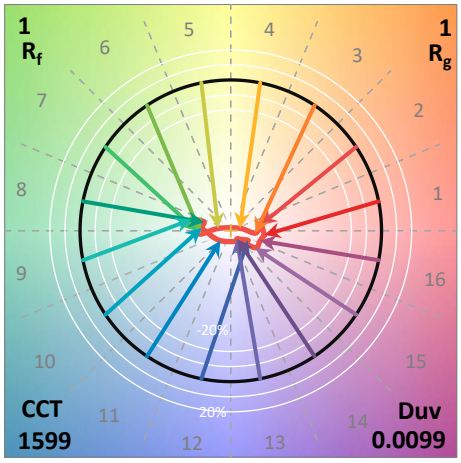
Spectral Power Distribution Comparison

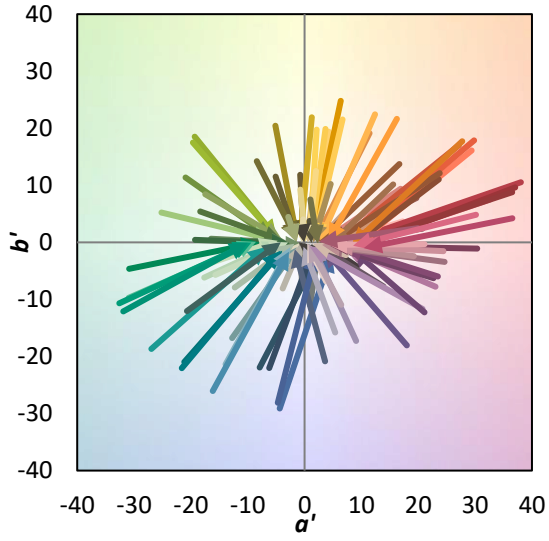


Color Vector Graphics







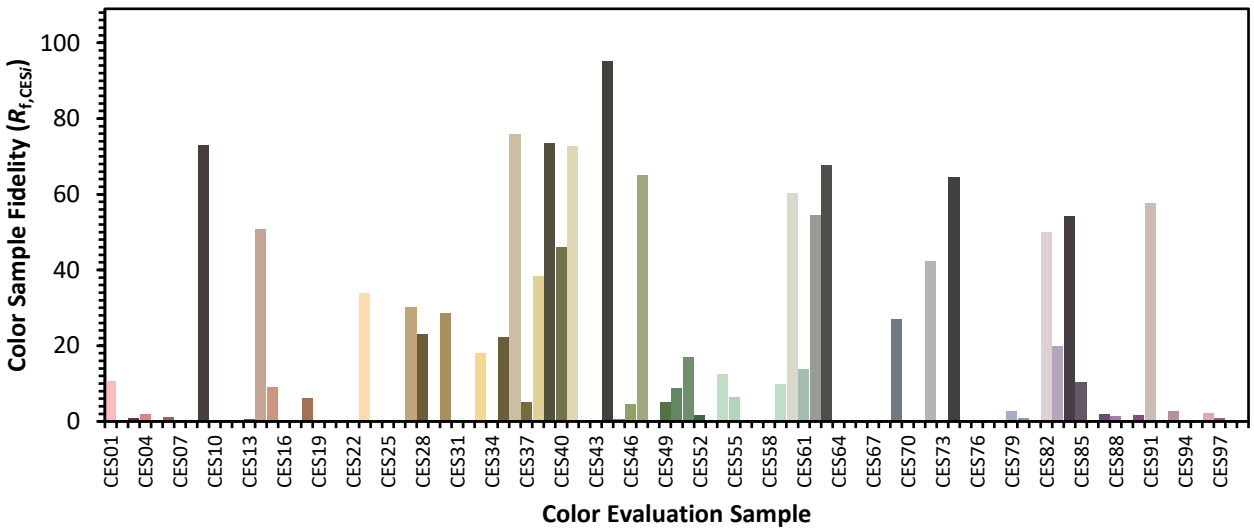


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

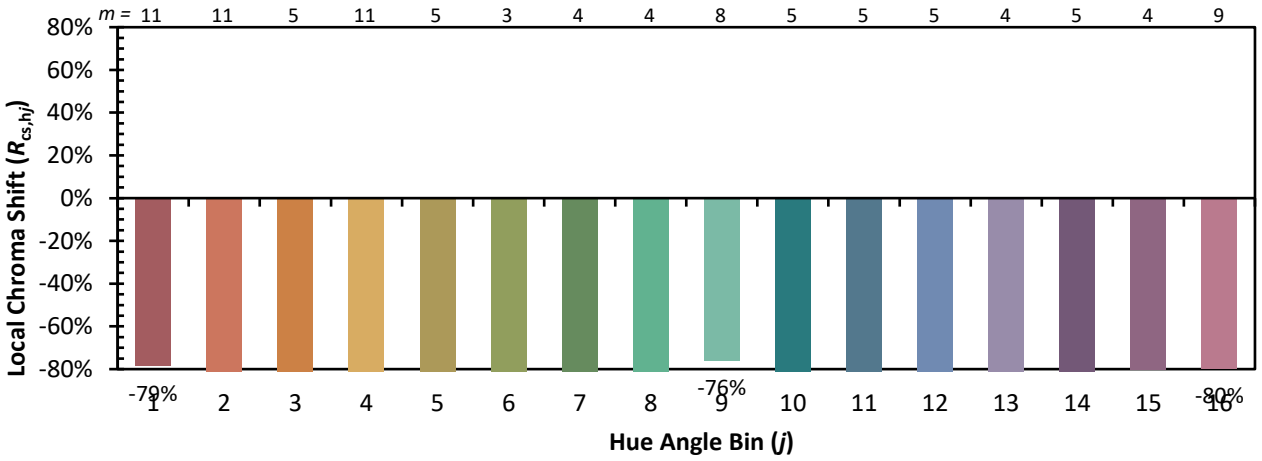
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

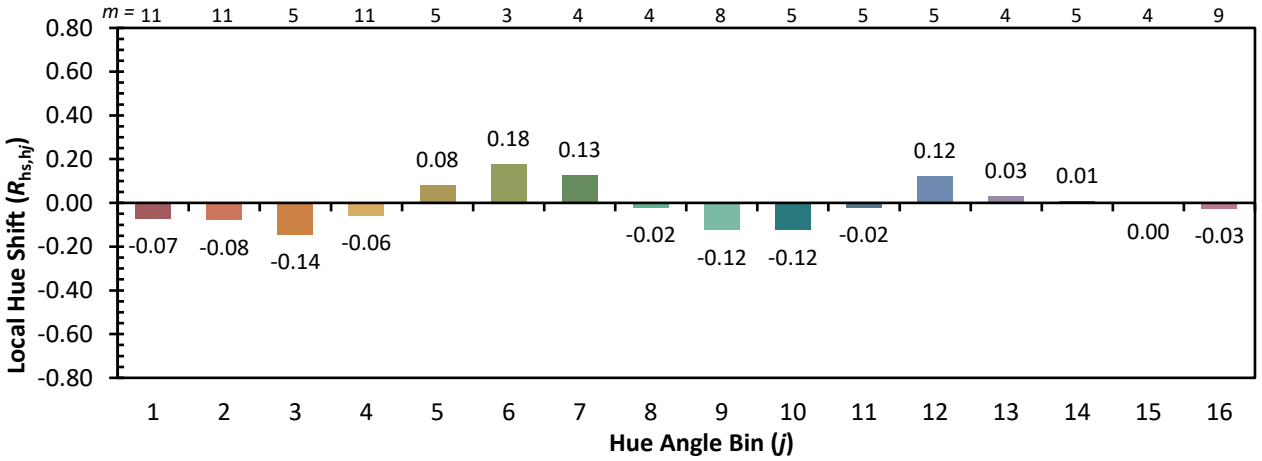


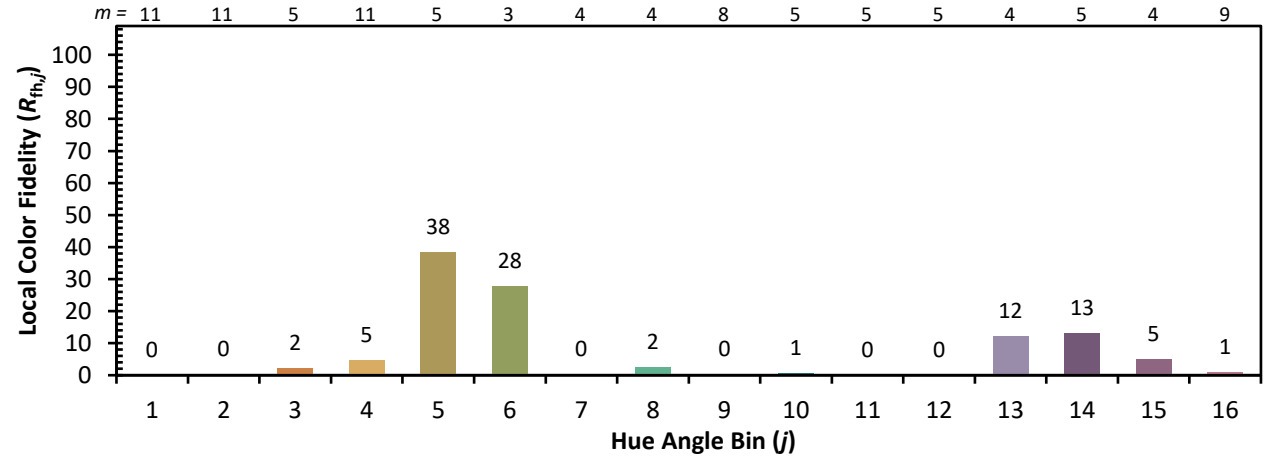
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



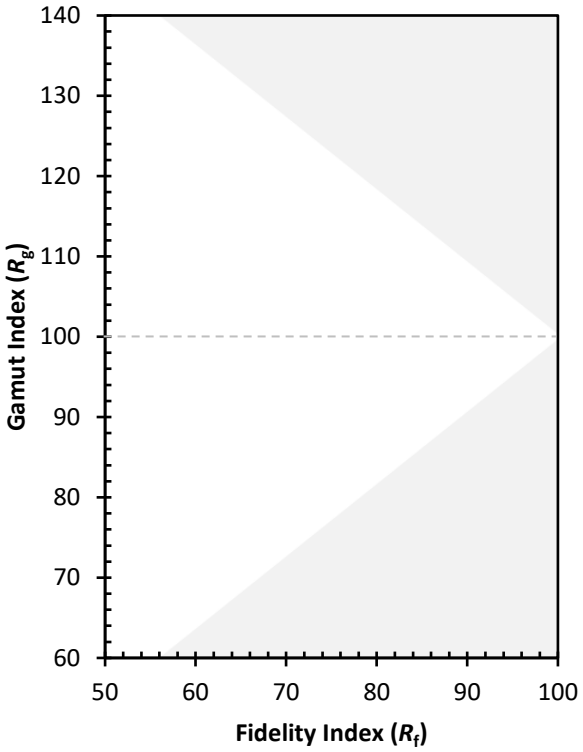


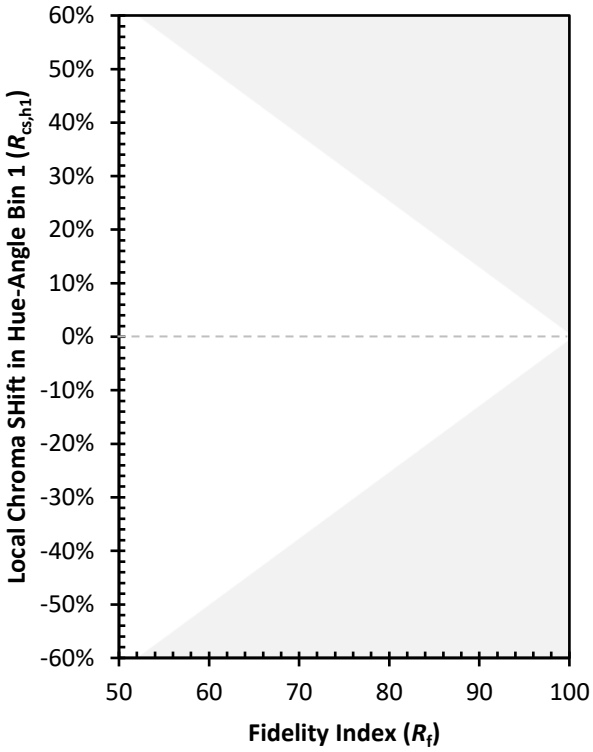


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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