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-SL3-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-SL3-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T3 SPILL CONTROL 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:	6243.8 lumens
Efficiency:	N/A
Efficacy:	48.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

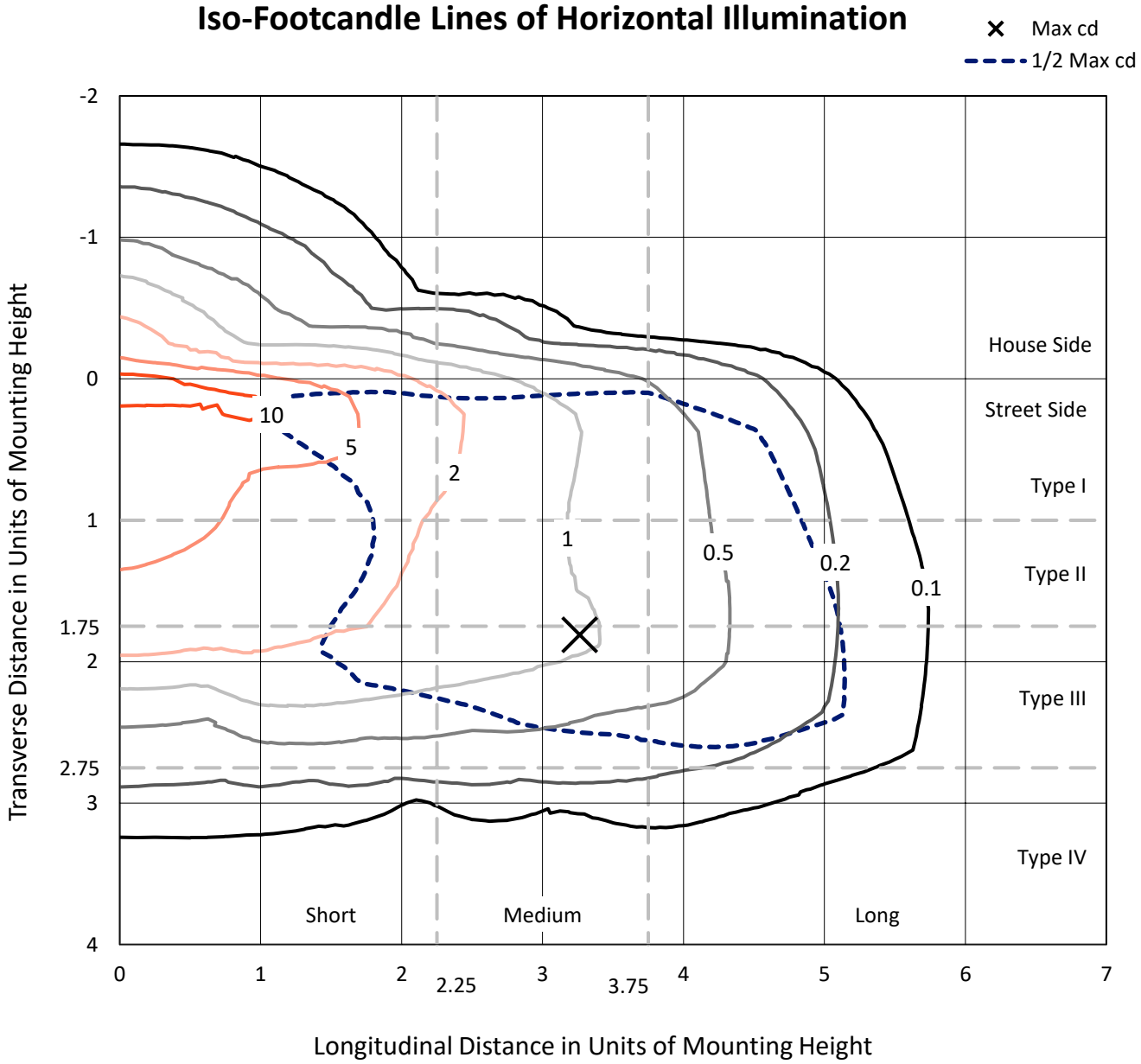


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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



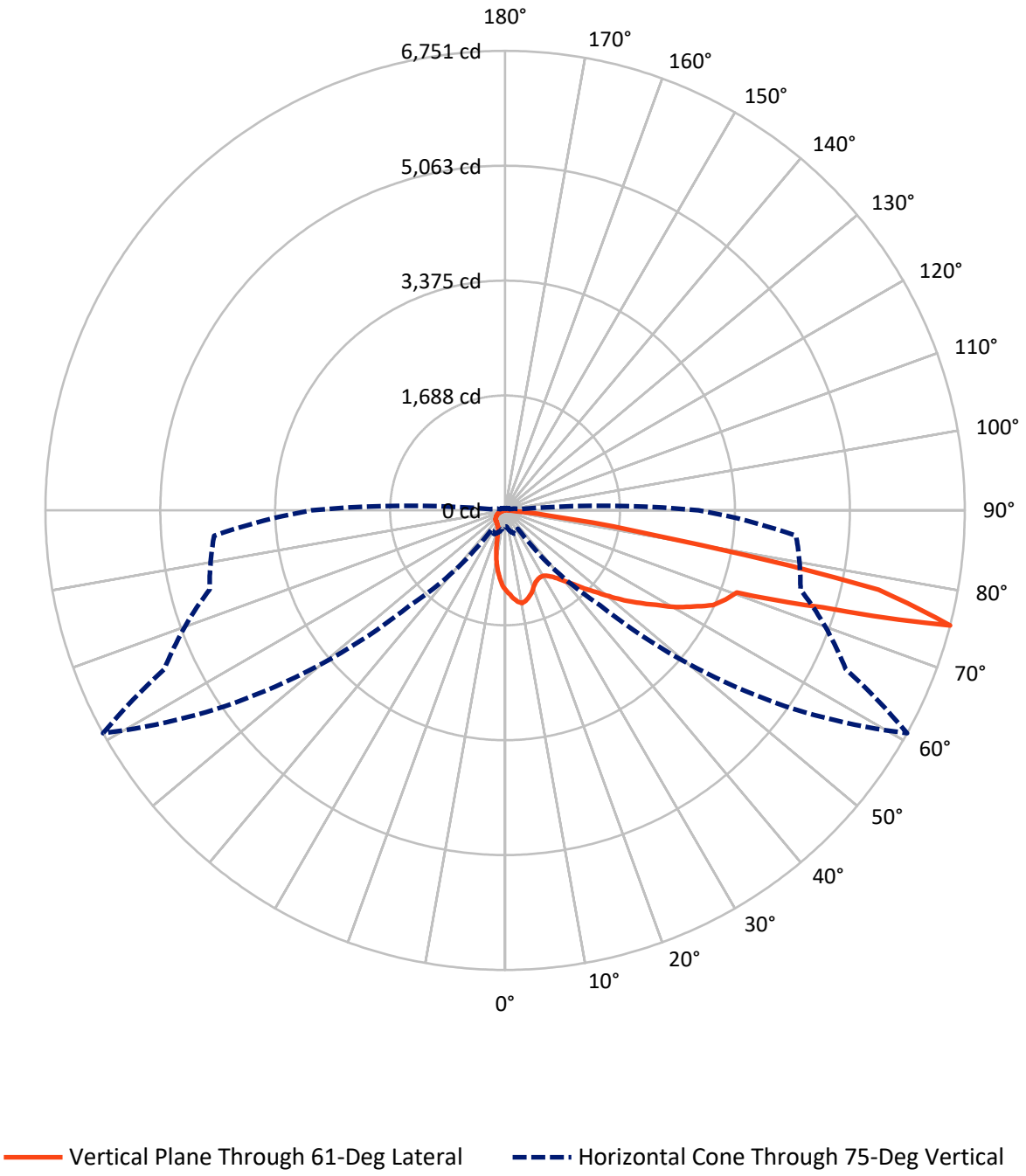
Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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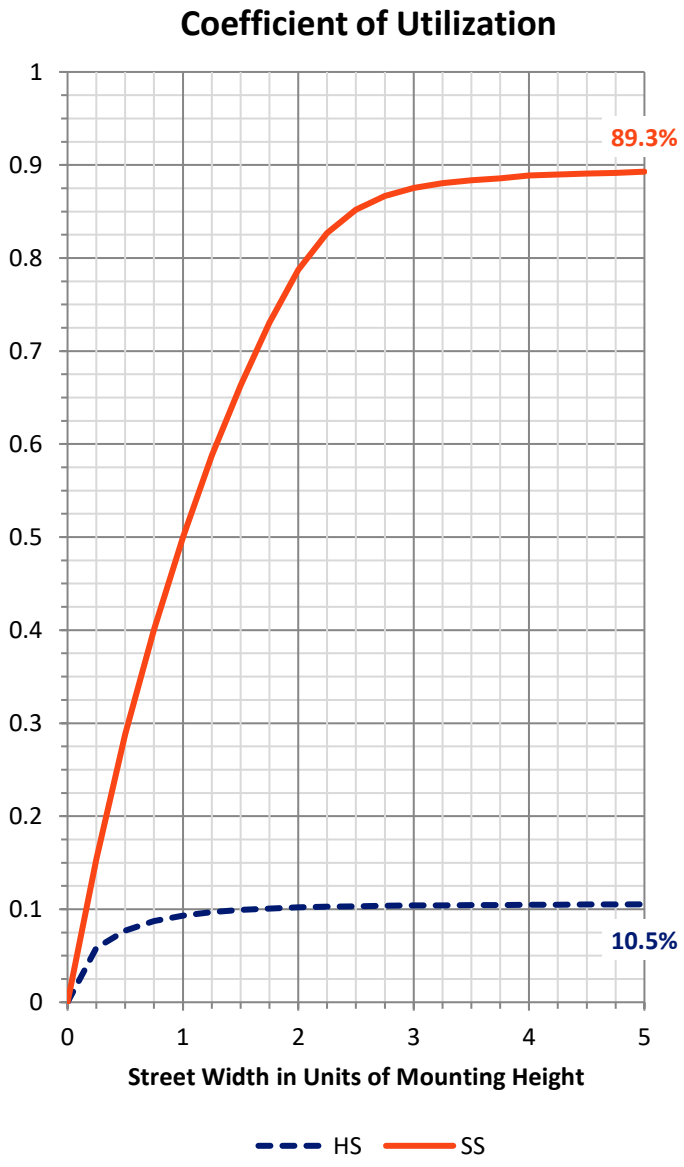
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	662.6	0.0	662.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5581.1	0.0	5581.1
	% Fixture	89.4	0.0	89.4
Total	Lumens	6243.8	0.0	6243.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.4	1.6
10°-20°	227.0	3.6
20°-30°	347.3	5.6
30°-40°	538.5	8.6
40°-50°	858.3	13.7
50°-60°	1255.5	20.1
60°-70°	1522.0	24.4
70°-80°	1269.9	20.3
80°-90°	125.0	2.0
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°	6243.8	100.0
0°-180°	6243.8	100.0



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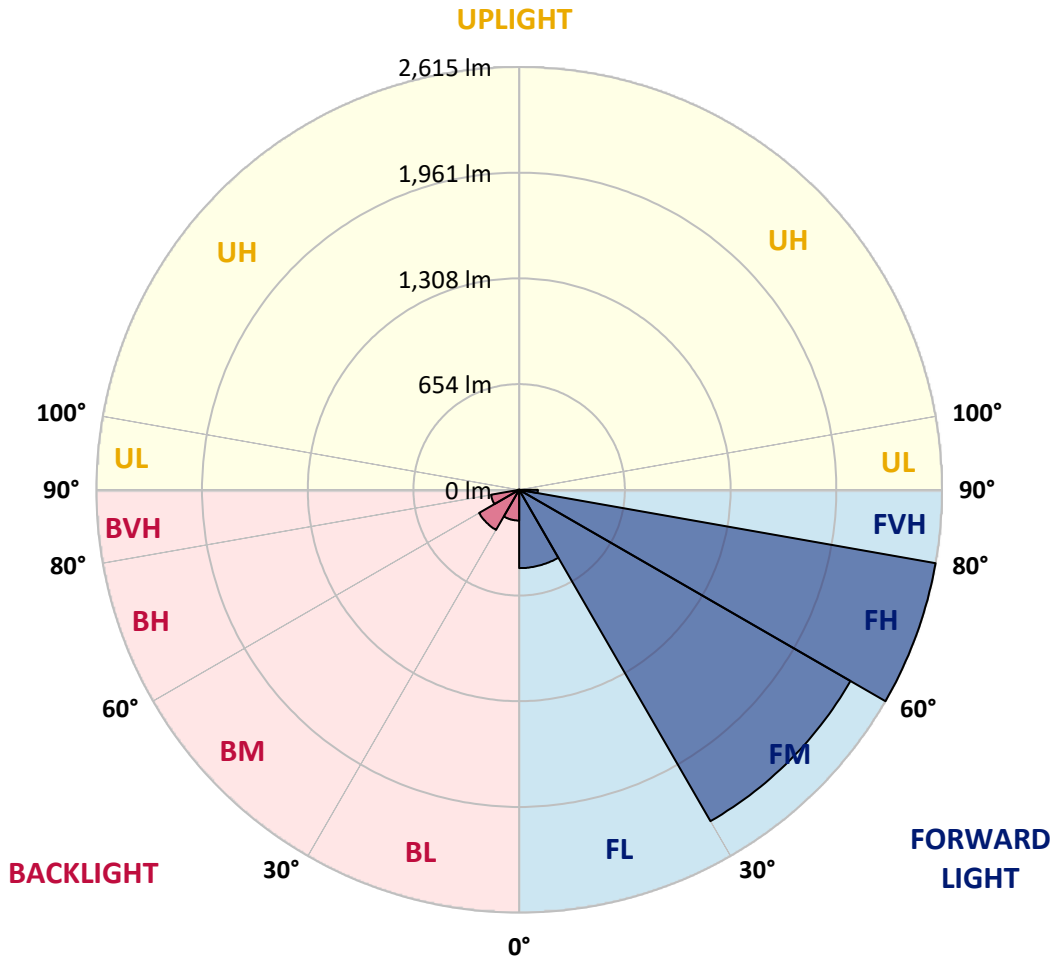
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	484.4	7.8			
FM	(30°-60°)	2366.2	37.9			
FH	(60°-80°)	2615.1	41.9			G2/5000
FVH	(80°-90°)	115.4	1.8			G2/225
BL	(0°-30°)	190.3	3.0	B1/500		
BM	(30°-60°)	286.1	4.6	B1/1000		
BH	(60°-80°)	176.7	2.8	B1/500		G1/500
BVH	(80°-90°)	9.6	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	61°	65°	75°	85°
0°	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	*1171.1*	1171.1	1171.1	1171.1
2.5°	1297.3	1289.4	1289.4	1285.4	1269.7	1261.8	1249.9	*1230.2*	1222.3	1214.5	1182.9
5°	1372.2	1356.4	1360.4	1356.4	1344.6	1340.6	1317.0	*1297.3*	1293.3	1253.9	1194.7
7.5°	1214.5	1210.5	1226.3	1253.9	1305.2	1352.5	1368.2	*1356.4*	1344.6	1297.3	1222.3
10°	1048.9	1037.0	1052.8	1084.3	1159.3	1253.9	1348.5	*1384.0*	1380.1	1340.6	1246.0
12.5°	942.4	938.4	942.4	973.9	1033.1	1123.8	1285.4	*1360.4*	1411.6	1388.0	1273.6
15°	883.2	883.2	887.2	906.9	954.2	1041.0	1202.6	*1317.0*	1395.8	1435.3	1301.2
17.5°	879.3	871.4	867.5	883.2	914.8	981.8	1119.8	*1269.7*	1376.1	1494.4	1340.6
20°	895.1	891.1	887.2	887.2	899.0	950.3	1060.7	*1198.7*	1352.5	1545.7	1376.1
22.5°	946.3	938.4	922.7	910.8	914.8	930.6	1025.2	*1147.4*	1320.9	1612.7	1415.6
25°	997.6	989.7	966.0	958.2	938.4	934.5	1013.4	*1119.8*	1289.4	1699.5	1470.8
27.5°	1076.5	1072.5	1037.0	1009.4	981.8	962.1	1013.4	*1108.0*	1273.6	1794.1	1529.9
30°	1151.4	1143.5	1111.9	1084.3	1037.0	1005.5	1037.0	*1111.9*	1273.6	1904.5	1600.9
32.5°	1285.4	1273.6	1206.6	1159.3	1111.9	1060.7	1076.5	*1147.4*	1293.3	2050.4	1699.5
35°	1482.6	1466.8	1391.9	1257.8	1179.0	1131.7	1127.7	*1198.7*	1340.6	2204.2	1849.3
37.5°	1549.6	1529.9	1490.5	1435.3	1277.5	1206.6	1198.7	*1273.6*	1419.5	2385.5	1999.1
40°	1664.0	1636.4	1577.2	1506.2	1466.8	1289.4	1289.4	*1376.1*	1533.8	2590.6	2180.5
42.5°	1809.9	1786.2	1699.5	1628.5	1573.3	1466.8	1391.9	*1486.5*	1671.9	2846.9	2421.0
45°	1940.0	1936.0	1837.5	1754.7	1683.7	1687.6	1522.0	*1636.4*	1833.5	3115.0	2712.8
47.5°	2109.5	2081.9	1979.4	1888.7	1817.7	1750.7	1675.8	*1790.1*	2038.6	3375.3	2969.1
50°	2251.5	2223.9	2145.0	2034.6	1971.5	1782.3	1809.9	*1983.4*	2247.5	3596.1	3170.2
52.5°	2346.1	2302.7	2216.0	2188.4	2101.6	1876.9	1963.6	*2192.3*	2464.4	3801.1	3339.8
55°	2413.2	2381.6	2259.4	2259.4	2231.8	2007.0	2149.0	*2401.3*	2657.6	3950.9	3473.8
57.5°	2523.6	2480.2	2310.6	2259.4	2298.8	2152.9	2373.7	*2618.2*	2839.0	4069.2	3623.7
60°	2697.1	2637.9	2448.6	2381.6	2334.3	2322.5	2634.0	*2886.3*	3059.8	4120.5	3757.7
62.5°	2247.5	2279.1	2350.1	2582.7	2531.4	2551.2	2890.3	*3107.1*	3284.6	4183.6	3872.1
65°	1462.9	1506.2	1640.3	2701.0	2937.6	2898.1	3213.6	*3355.5*	3438.3	4045.6	3730.1
67.5°	977.9	977.9	1037.0	2393.4	3201.8	3698.6	3600.0	*3493.5*	3379.2	3793.2	3690.7
70°	654.5	646.7	694.0	1596.9	2728.6	4266.4	4250.6	*3611.8*	3450.2	3852.4	3805.0
72.5°	414.0	421.9	473.2	591.5	1506.2	3324.0	5563.7	*4877.6*	3950.9	3966.7	4021.9
75°	*236.6*	*244.5*	*323.3*	*382.5*	*331.2*	*1967.6*	*5007.7*	*6750.5*	*5520.3*	*4491.1*	*4290.0*
77.5°	149.8	157.7	228.7	315.4	165.6	496.8	2988.8	*5607.0*	6525.8	4443.8	3387.1
80°	67.0	67.0	141.9	236.6	114.3	138.0	1111.9	*2243.6*	3221.5	2484.1	1352.5
82.5°	19.7	23.7	74.9	110.4	71.0	74.9	343.0	*670.3*	1076.5	772.8	193.2
85°	11.8	11.8	39.4	51.3	35.5	35.5	51.3	*177.4*	189.3	82.8	51.3
87.5°	0.0	3.9	3.9	7.9	7.9	7.9	11.8	*15.8*	19.7	19.7	19.7
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-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1	1171.1
2.5°	1179.0	1167.1	1135.6	1111.9	1092.2	1072.5	1048.9	1033.1	1029.1	1029.1	1029.1
5°	1179.0	1139.5	1088.3	1021.3	958.2	910.8	867.5	824.1	808.3	796.5	804.4
7.5°	1175.0	1127.7	1029.1	922.7	828.0	737.4	654.5	607.2	559.9	540.2	524.4
10°	1182.9	1111.9	966.0	816.2	678.2	532.3	425.9	370.6	347.0	343.0	339.1
12.5°	1194.7	1100.1	906.9	709.8	492.9	362.8	315.4	303.6	299.7	307.6	307.6
15°	1202.6	1084.3	835.9	559.9	350.9	299.7	287.8	287.8	291.8	295.7	295.7
17.5°	1214.5	1068.6	757.1	414.0	291.8	280.0	276.0	276.0	280.0	283.9	287.8
20°	1218.4	1044.9	650.6	319.4	276.0	268.1	268.1	264.2	268.1	276.0	276.0
22.5°	1230.2	1017.3	520.5	276.0	260.2	256.3	256.3	252.4	260.2	264.2	264.2
25°	1246.0	993.6	390.4	260.2	248.4	244.5	240.5	240.5	248.4	252.4	252.4
27.5°	1261.8	958.2	315.4	248.4	240.5	232.6	228.7	228.7	232.6	240.5	244.5
30°	1285.4	906.9	276.0	236.6	224.8	216.9	212.9	212.9	220.8	228.7	232.6
32.5°	1344.6	824.1	252.4	228.7	216.9	205.0	201.1	197.2	201.1	212.9	216.9
35°	1431.3	717.6	244.5	220.8	205.0	193.2	185.3	181.4	185.3	197.2	197.2
37.5°	1514.1	583.6	244.5	212.9	197.2	185.3	173.5	165.6	165.6	177.4	177.4
40°	1569.3	485.0	248.4	212.9	193.2	177.4	161.7	145.9	153.8	161.7	161.7
42.5°	1612.7	457.4	256.3	212.9	189.3	169.6	145.9	134.1	141.9	145.9	145.9
45°	1652.1	469.2	260.2	212.9	185.3	157.7	130.1	126.2	130.1	134.1	134.1
47.5°	1715.2	524.4	260.2	201.1	173.5	141.9	122.2	118.3	118.3	122.2	126.2
50°	1813.8	607.2	260.2	189.3	165.6	134.1	118.3	110.4	106.5	110.4	114.3
52.5°	1955.8	682.1	260.2	177.4	157.7	126.2	110.4	102.5	98.6	98.6	98.6
55°	2105.6	757.1	256.3	169.6	149.8	118.3	106.5	98.6	90.7	90.7	90.7
57.5°	2243.6	835.9	232.6	161.7	138.0	114.3	102.5	90.7	82.8	78.9	78.9
60°	2405.3	903.0	209.0	149.8	130.1	106.5	90.7	82.8	74.9	67.0	67.0
62.5°	2488.1	914.8	177.4	138.0	122.2	98.6	86.7	74.9	63.1	59.1	55.2
65°	2413.2	839.9	153.8	122.2	106.5	90.7	74.9	67.0	55.2	47.3	43.4
67.5°	2476.2	835.9	126.2	106.5	94.6	78.9	67.0	59.1	47.3	39.4	39.4
70°	2555.1	682.1	106.5	94.6	82.8	67.0	55.2	51.3	43.4	35.5	35.5
72.5°	2764.1	492.9	86.7	78.9	71.0	51.3	47.3	43.4	35.5	31.5	27.6
75°	*2842.9*	*209.0*	*71.0*	*63.1*	*55.2*	*43.4*	*39.4*	*35.5*	*27.6*	*23.7*	*23.7*
77.5°	2113.5	86.7	55.2	47.3	39.4	31.5	31.5	27.6	23.7	15.8	15.8
80°	780.7	59.1	43.4	35.5	31.5	27.6	23.7	19.7	15.8	11.8	11.8
82.5°	90.7	39.4	31.5	23.7	23.7	19.7	15.8	11.8	11.8	7.9	7.9
85°	35.5	23.7	19.7	19.7	15.8	11.8	11.8	11.8	7.9	7.9	7.9
87.5°	19.7	15.8	11.8	11.8	7.9	7.9	7.9	3.9	3.9	7.9	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

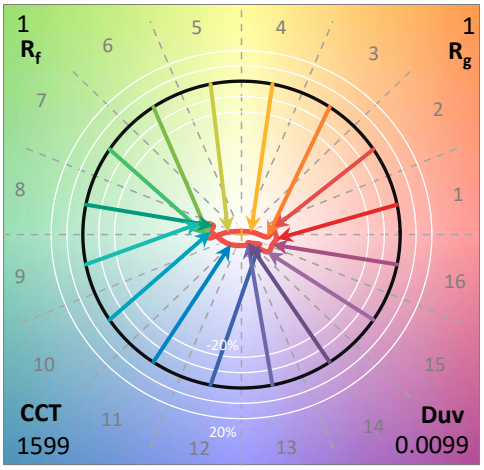
Test Information

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

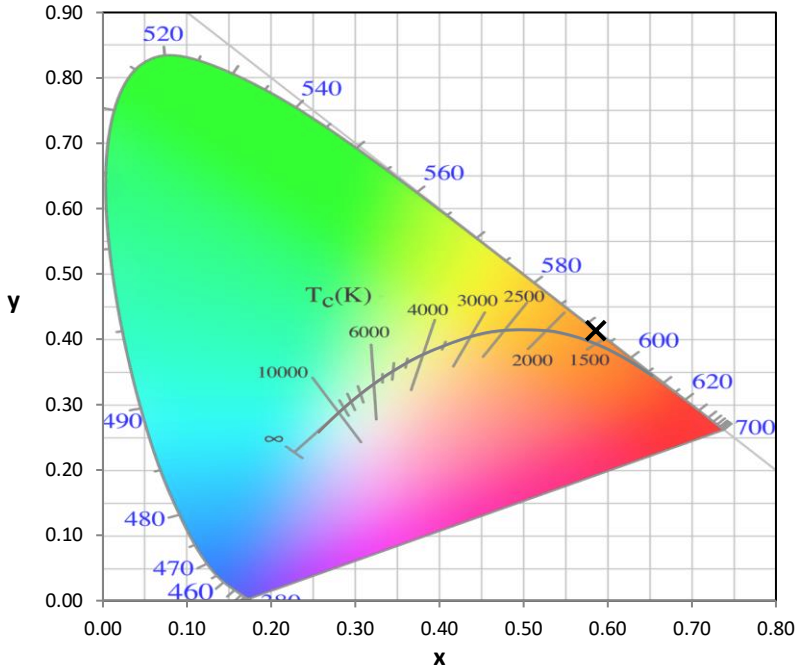
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

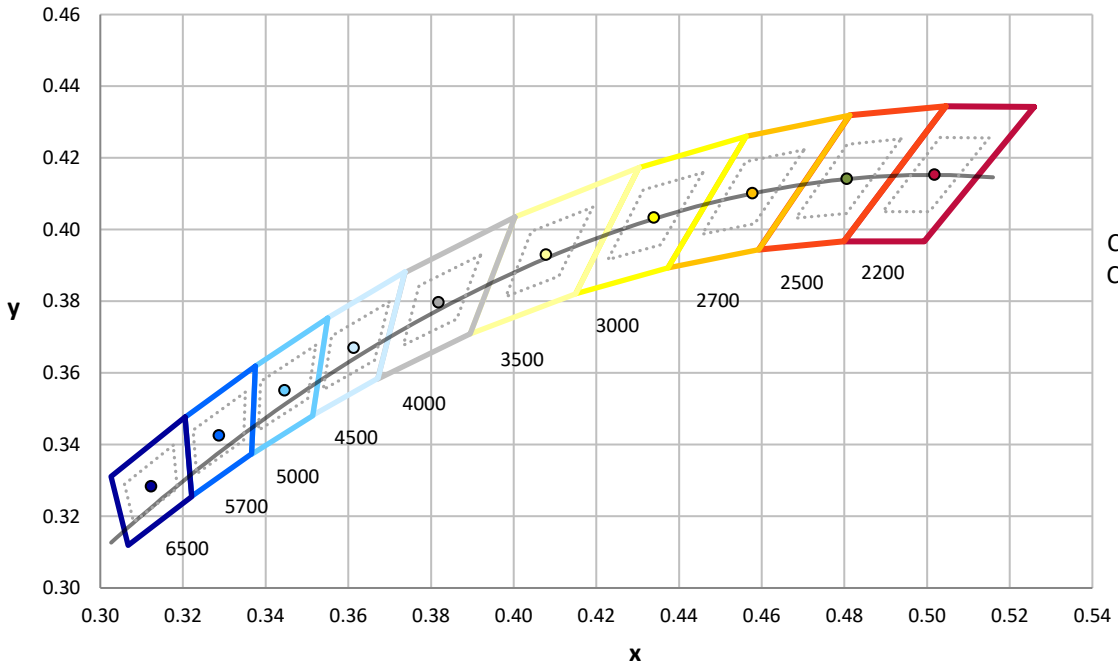
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

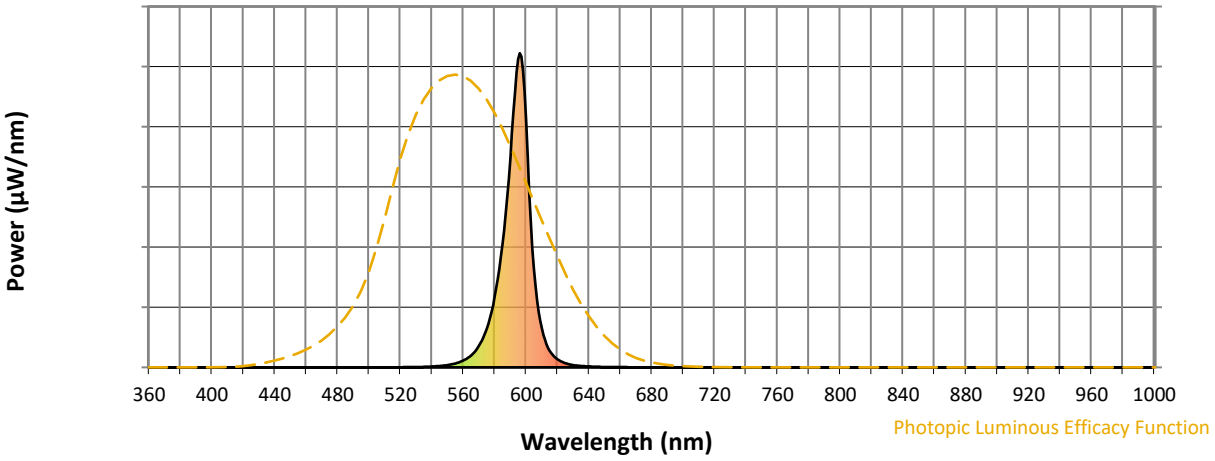


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

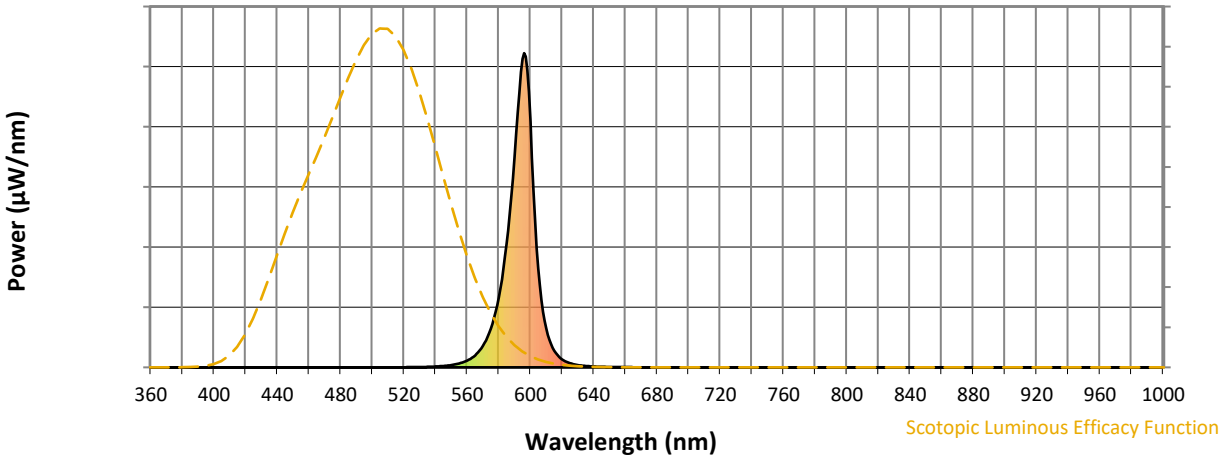


Photopic Lumens: NR

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

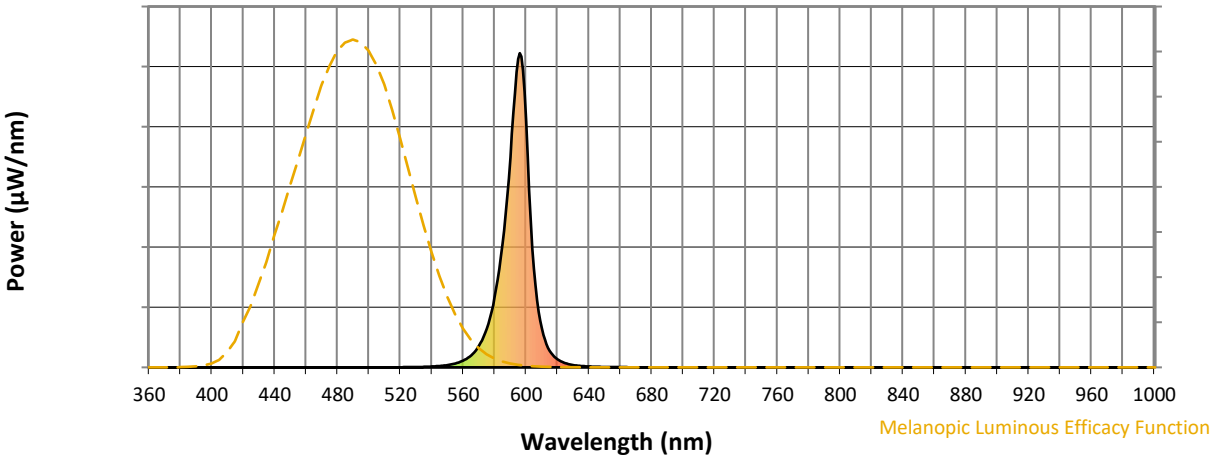


Scotopic Lumens: NR **S/P: 0.23**

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			

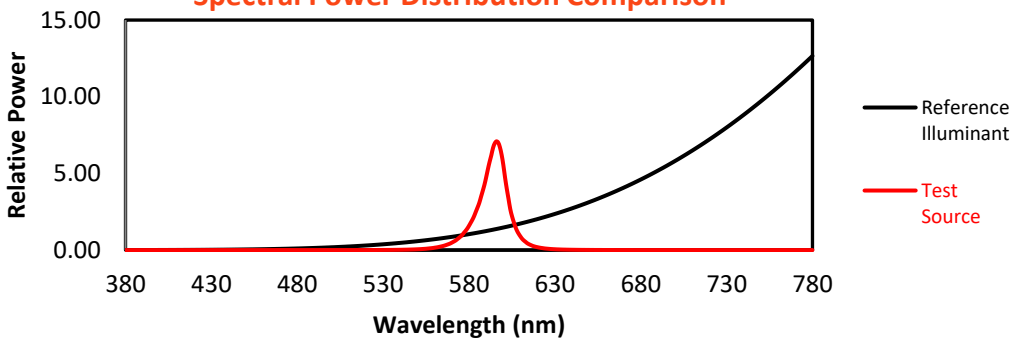
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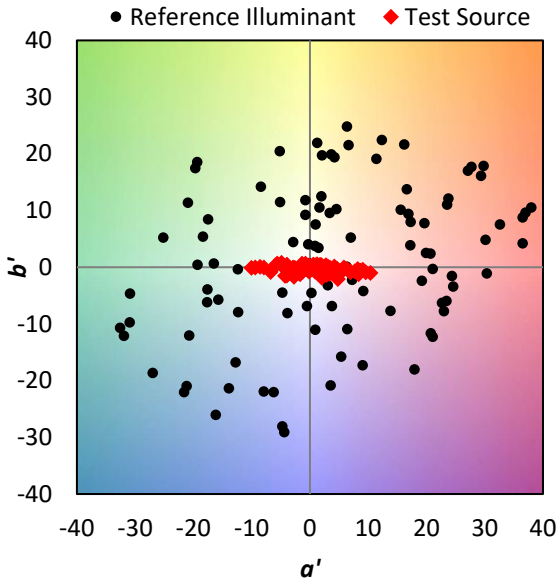
Summary

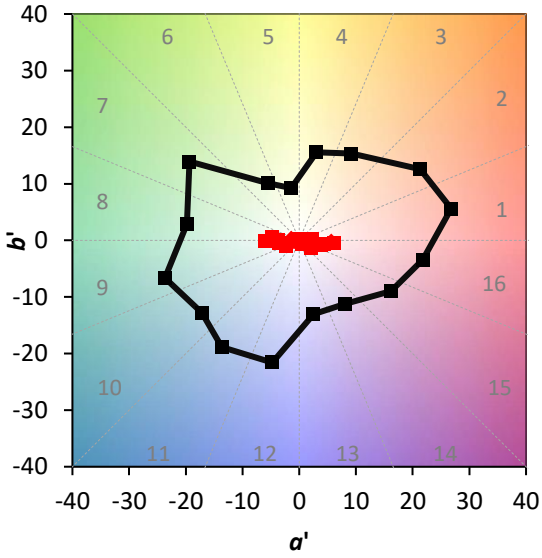
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

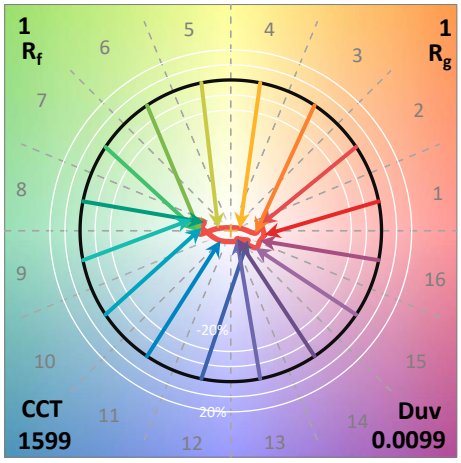
Spectral Power Distribution Comparison

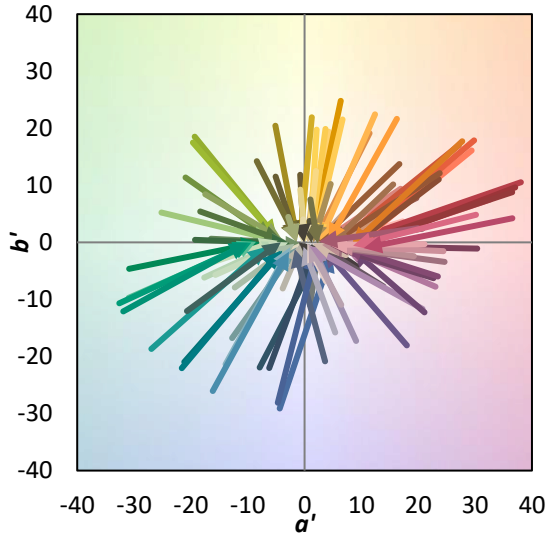


Color Vector Graphics







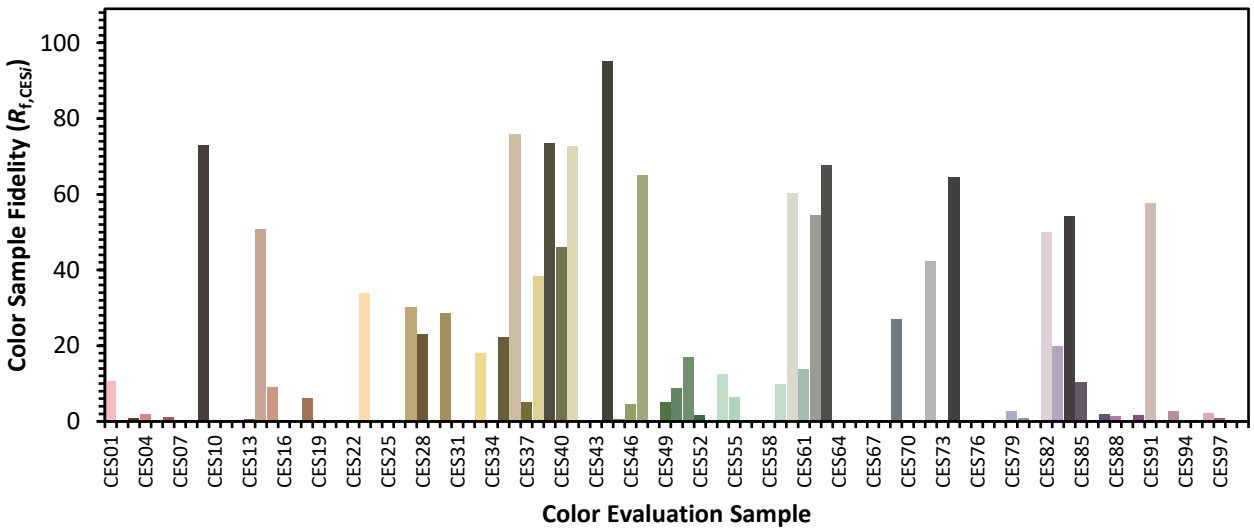


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Individual Sample Fidelity Index ($R_{f,i}$)

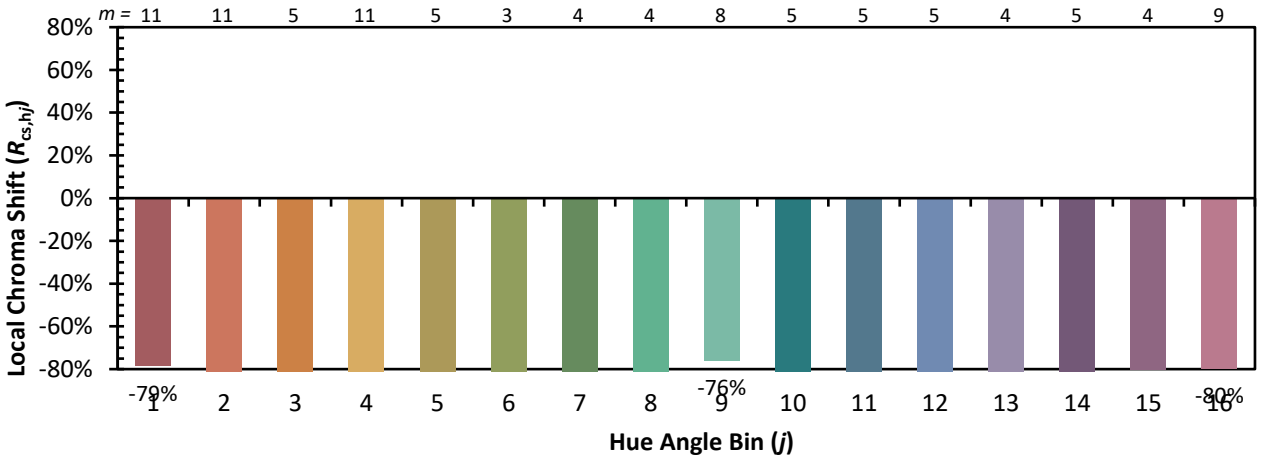
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

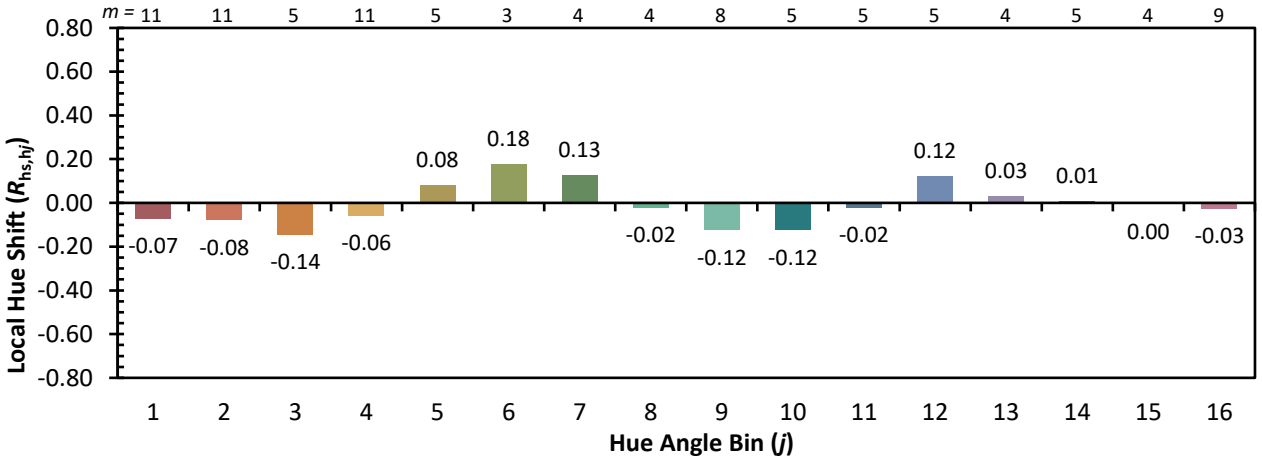


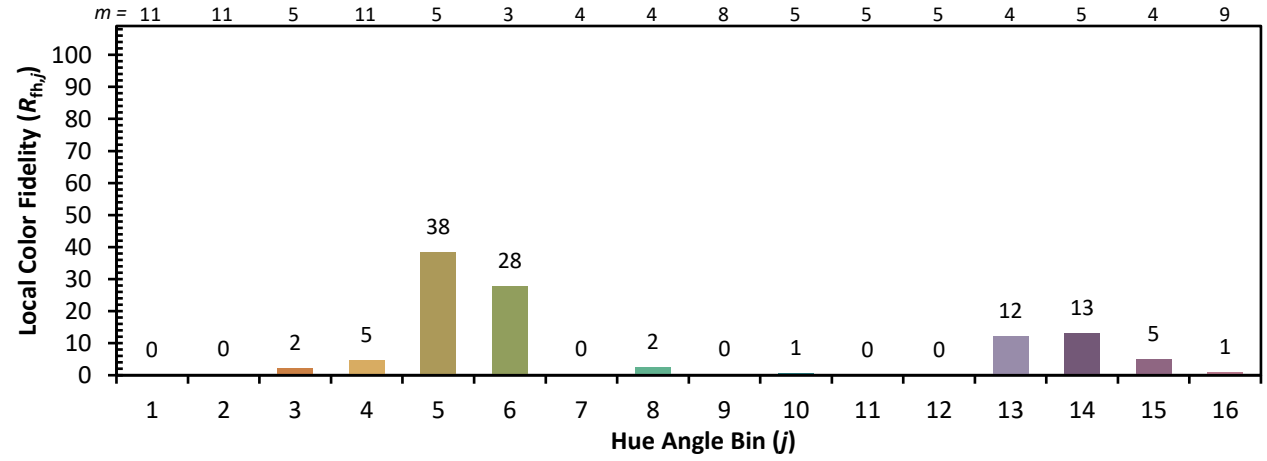
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Color Rendition by Hue-Angle Bin



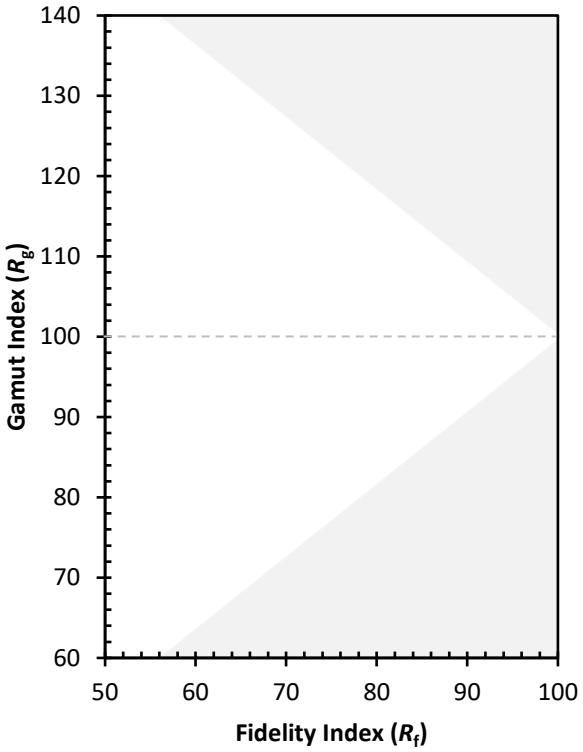


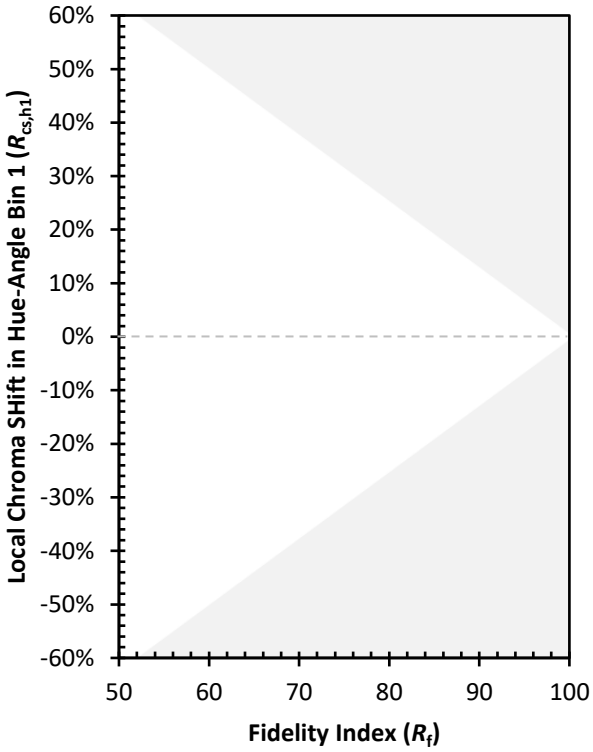


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Measure Comparisons





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