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: P1704732

Luminaire Tested: GSS-SB5A-AMB-U-SL4

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:	P1704732
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-AMB-U-SL4
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T4 SPILL CONTROL DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9714.2 lumens
Efficiency:	N/A
Efficacy:	60.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	160.6
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

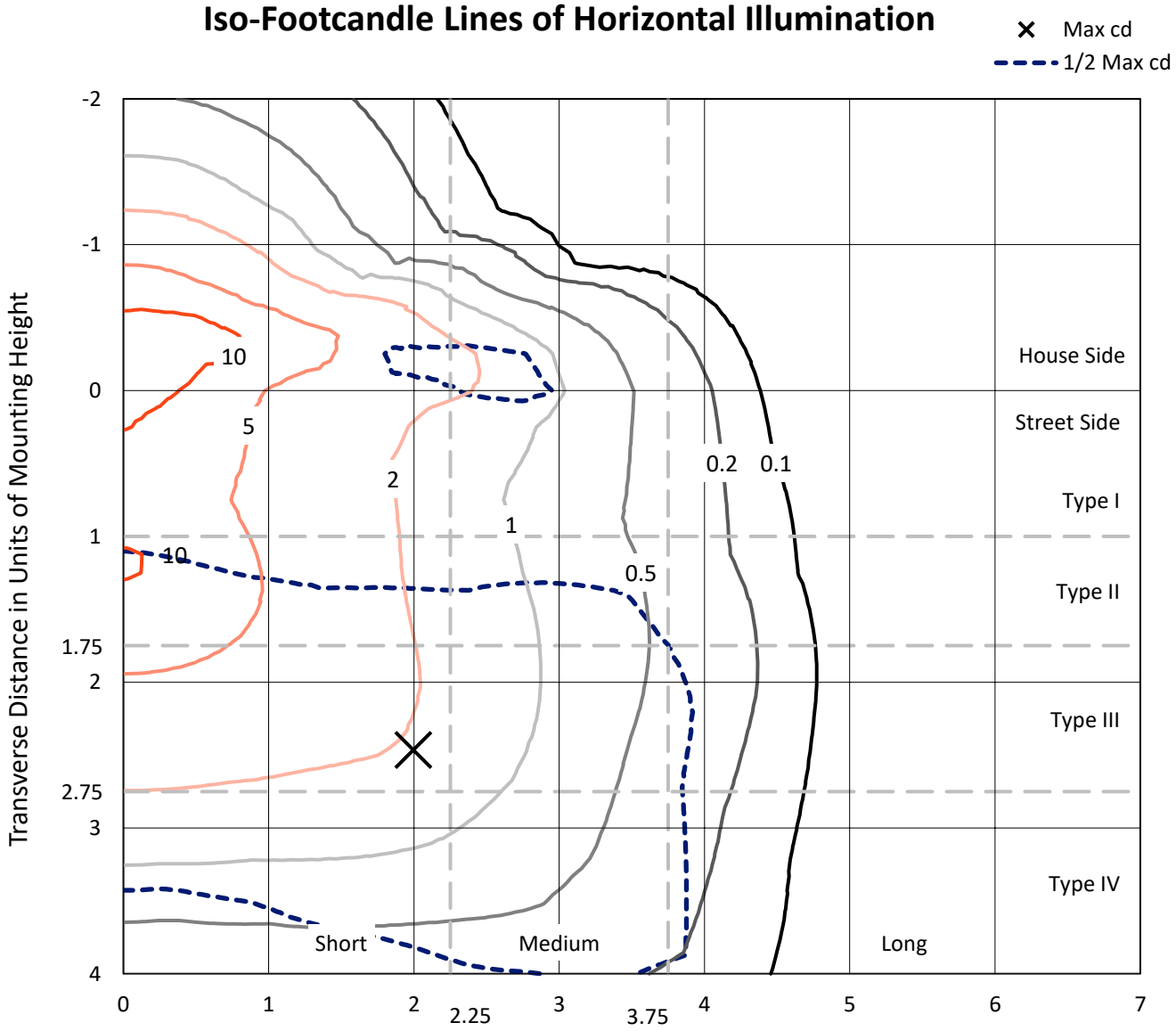


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



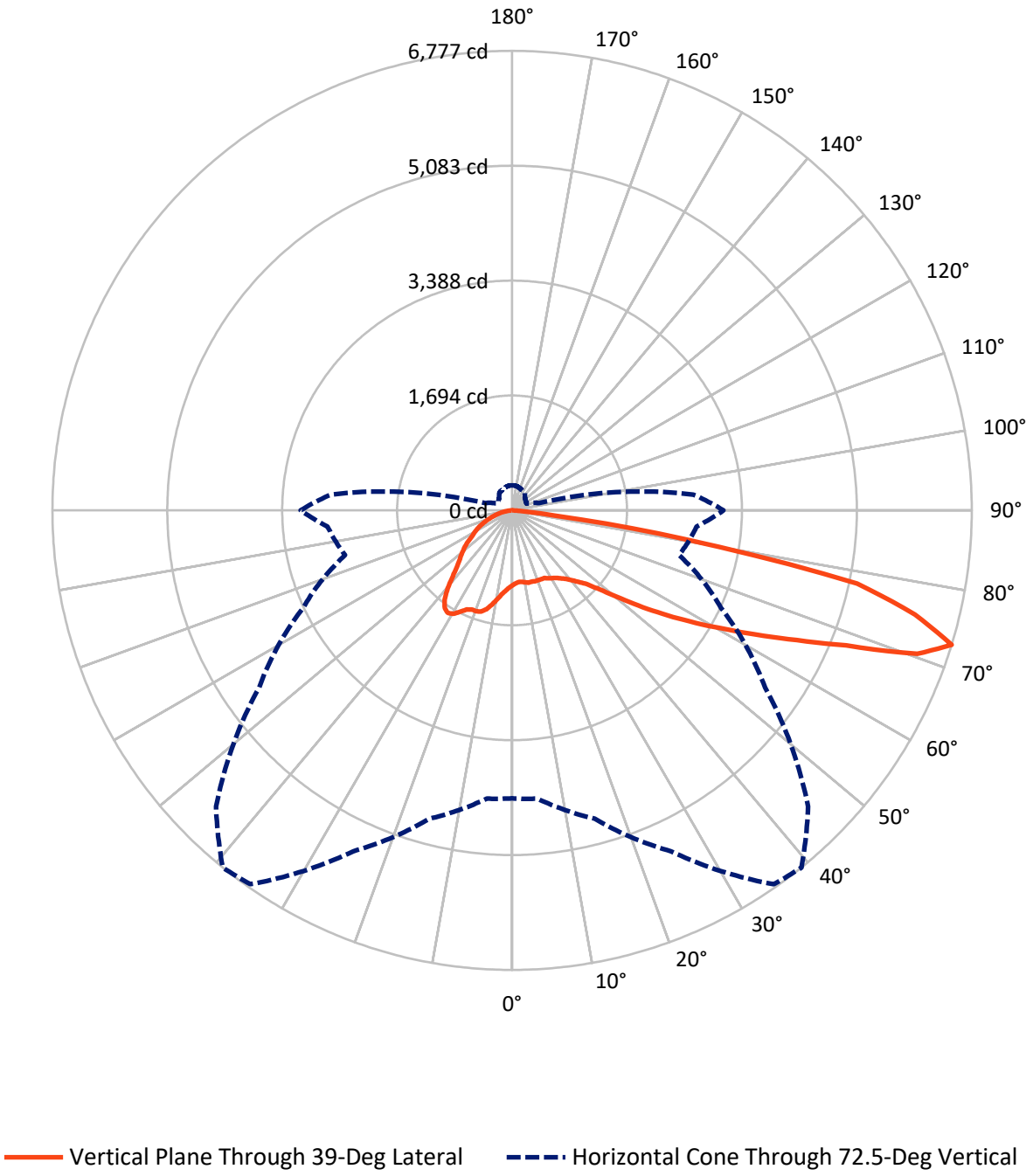
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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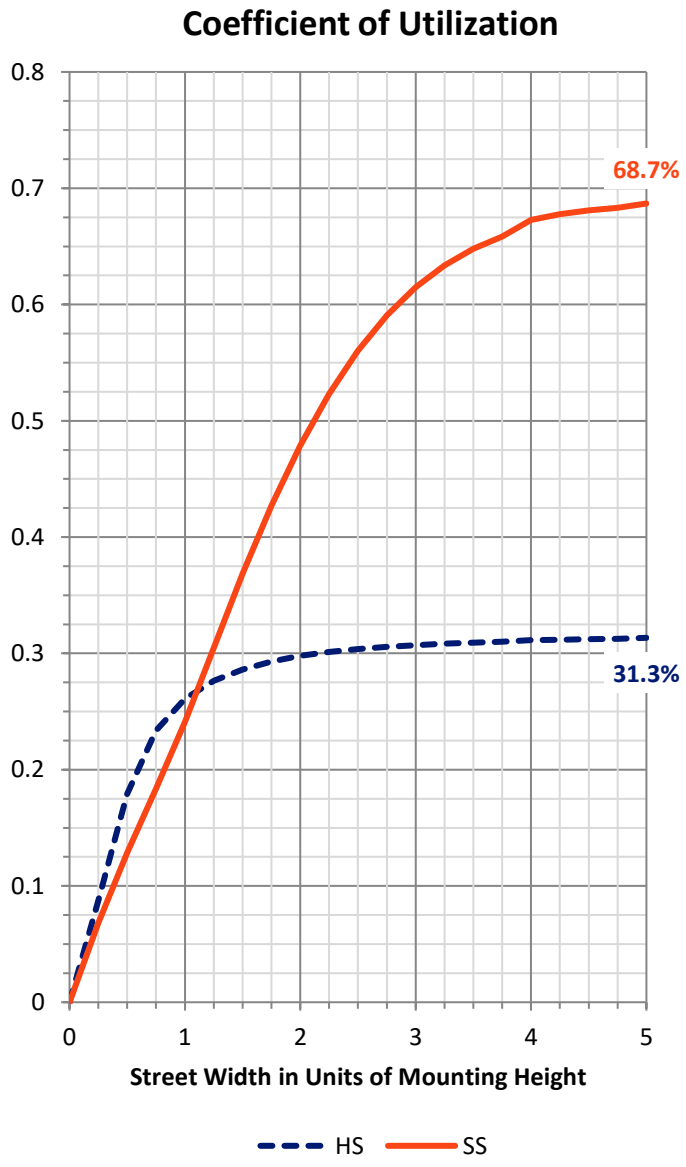
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3067.5	0.0	3067.5
	% Fixture	31.6	0.0	31.6
Street Side	Lumens	6646.7	0.0	6646.7
	% Fixture	68.4	0.0	68.4
Total	Lumens	9714.2	0.0	9714.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.1	1.1
10°-20°	360.1	3.7
20°-30°	622.7	6.4
30°-40°	923.9	9.5
40°-50°	1267.1	13.0
50°-60°	1818.0	18.7
60°-70°	2433.3	25.0
70°-80°	2038.2	21.0
80°-90°	141.8	1.5
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°	9714.2	100.0
0°-180°	9714.2	100.0



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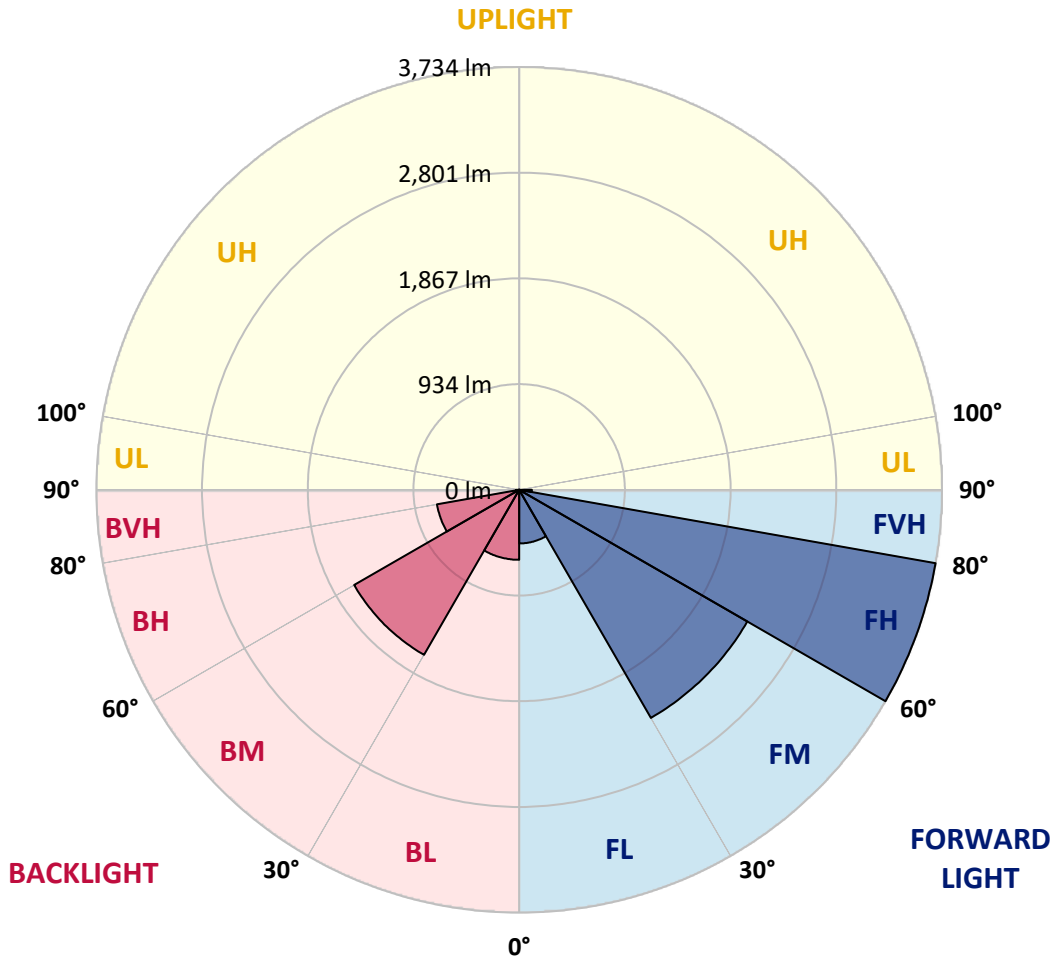
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	473.7	4.9			
FM	(30°-60°)	2326.4	23.9			
FH	(60°-80°)	3734.3	38.4			G2/5000
FVH	(80°-90°)	112.4	1.2			G2/225
BL	(0°-30°)	618.2	6.4	B2/1000		
BM	(30°-60°)	1682.7	17.3	B2/2500		
BH	(60°-80°)	737.2	7.6	B2/1000		G2/1000
BVH	(80°-90°)	29.4	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	1102.9	1102.9	1102.9	1102.9	1102.9	*1102.9*	1102.9	1102.9	1102.9	1102.9	1102.9
2.5°	1074.7	1079.4	1070.0	1074.7	1074.7	*1074.7*	1079.4	1084.1	1079.4	1093.5	1098.2
5°	1070.0	1065.3	1060.6	1060.6	1060.6	*1060.6*	1060.6	1065.3	1070.0	1079.4	1093.5
7.5°	1074.7	1070.0	1070.0	1060.6	1060.6	*1065.3*	1060.6	1065.3	1070.0	1074.7	1098.2
10°	1084.1	1084.1	1074.7	1079.4	1070.0	*1079.4*	1074.7	1074.7	1074.7	1088.8	1107.5
12.5°	1102.9	1098.2	1093.5	1079.4	1084.1	*1093.5*	1088.8	1088.8	1093.5	1102.9	1121.6
15°	1126.3	1121.6	1112.2	1093.5	1088.8	*1088.8*	1088.8	1102.9	1107.5	1116.9	1145.1
17.5°	1112.2	1107.5	1093.5	1093.5	1098.2	*1098.2*	1098.2	1102.9	1121.6	1145.1	1159.2
20°	1093.5	1093.5	1084.1	1079.4	1093.5	*1098.2*	1102.9	1112.2	1131.0	1163.9	1192.0
22.5°	1112.2	1098.2	1074.7	1079.4	1088.8	*1102.9*	1112.2	1126.3	1135.7	1173.2	1210.8
25°	1145.1	1145.1	1107.5	1098.2	1098.2	*1102.9*	1126.3	1135.7	1145.1	1182.6	1229.6
27.5°	1187.3	1187.3	1145.1	1131.0	1126.3	*1135.7*	1140.4	1149.8	1154.5	1177.9	1234.3
30°	1253.0	1253.0	1201.4	1168.6	1149.8	*1159.2*	1163.9	1163.9	1163.9	1168.6	1238.9
32.5°	1332.8	1323.4	1262.4	1224.9	1187.3	*1187.3*	1196.7	1187.3	1177.9	1173.2	1238.9
35°	1450.1	1436.1	1356.3	1290.6	1229.6	*1229.6*	1224.9	1215.5	1201.4	1182.6	1234.3
37.5°	1623.8	1590.9	1497.1	1384.4	1290.6	*1281.2*	1267.1	1253.0	1220.2	1173.2	1234.3
40°	1863.1	1835.0	1703.6	1515.8	1379.7	*1351.6*	1318.7	1285.9	1238.9	1187.3	1238.9
42.5°	2201.0	2177.5	2018.0	1717.6	1478.3	*1440.7*	1384.4	1332.8	1262.4	1206.1	1243.6
45°	2684.4	2665.6	2421.6	1999.2	1628.5	*1548.7*	1454.8	1365.7	1304.6	1243.6	1267.1
47.5°	3303.9	3252.2	2890.9	2393.4	1867.8	*1741.1*	1576.8	1431.4	1346.9	1290.6	1314.0
50°	3923.3	3848.2	3463.4	2797.0	2163.5	*1999.2*	1773.9	1548.7	1431.4	1351.6	1379.7
52.5°	4495.9	4378.6	3993.7	3275.7	2520.1	*2327.7*	2008.6	1689.5	1525.2	1445.4	1473.6
55°	4810.3	4754.0	4453.6	3759.1	2933.1	*2689.1*	2294.9	1867.8	1661.3	1548.7	1595.6
57.5°	5096.6	5021.5	4730.5	4190.8	3383.6	*3088.0*	2590.5	2093.1	1830.3	1680.1	1745.8
60°	5228.0	5143.5	4946.4	4500.6	3862.3	*3524.4*	2937.8	2351.2	2036.8	1835.0	1924.1
62.5°	5228.0	5237.4	5134.1	4866.6	4355.1	*4026.6*	3369.6	2651.5	2280.8	2003.9	2172.9
65°	5073.1	5091.9	5190.4	5303.1	4918.2	*4613.2*	3867.0	3003.5	2534.2	2116.5	2337.1
67.5°	5096.6	5073.1	5199.8	5655.0	5631.6	*5312.5*	4505.3	3430.6	2632.8	2191.6	2595.2
70°	4974.6	5016.8	5209.2	5730.1	6363.7	*6335.5*	5448.6	3754.4	2989.4	2398.1	2768.9
72.5°	*4247.1*	*4265.9*	*4707.1*	*5547.1*	*6729.7*	*6776.7*	*6171.3*	*4552.2*	*3397.7*	*2548.3*	*2731.3*
75°	2463.8	2426.3	3149.0	4716.4	6068.0	*6133.7*	6049.3	5016.8	3773.2	2487.3	2247.9
77.5°	591.3	624.2	933.9	2318.3	4425.5	*5199.8*	5101.3	3740.3	3064.5	1534.6	919.8
80°	178.3	187.7	244.0	455.2	1440.7	*2576.4*	3083.3	1741.1	816.6	323.8	197.1
82.5°	98.6	107.9	140.8	164.3	295.7	*633.6*	666.4	398.9	267.5	112.6	75.1
85°	32.9	42.2	61.0	84.5	93.9	*107.9*	103.2	89.2	79.8	56.3	37.5
87.5°	4.7	4.7	9.4	9.4	14.1	*18.8*	18.8	18.8	14.1	18.8	14.1
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9	1102.9
2.5°	1102.9	1107.5	1112.2	1121.6	1121.6	1131.0	1140.4	1145.1	1149.8	1145.1	1149.8
5°	1102.9	1102.9	1126.3	1145.1	1163.9	1177.9	1192.0	1201.4	1215.5	1220.2	1220.2
7.5°	1107.5	1126.3	1154.5	1182.6	1210.8	1234.3	1253.0	1276.5	1285.9	1300.0	1304.6
10°	1126.3	1140.4	1192.0	1229.6	1267.1	1304.6	1346.9	1365.7	1389.1	1398.5	1403.2
12.5°	1145.1	1163.9	1224.9	1281.2	1332.8	1389.1	1436.1	1473.6	1497.1	1511.1	1506.4
15°	1163.9	1196.7	1262.4	1328.1	1403.2	1473.6	1525.2	1567.5	1581.5	1600.3	1609.7
17.5°	1196.7	1224.9	1309.3	1389.1	1459.5	1525.2	1581.5	1623.8	1637.9	1647.2	1656.6
20°	1220.2	1262.4	1351.6	1431.4	1506.4	1553.4	1595.6	1619.1	1623.8	1619.1	1614.4
22.5°	1243.6	1295.3	1389.1	1468.9	1525.2	1562.8	1586.2	1600.3	1590.9	1572.1	1567.5
25°	1271.8	1318.7	1431.4	1511.1	1576.8	1605.0	1605.0	1595.6	1572.1	1544.0	1539.3
27.5°	1285.9	1346.9	1459.5	1558.1	1670.7	1703.6	1656.6	1623.8	1576.8	1515.8	1497.1
30°	1295.3	1370.4	1511.1	1694.2	1835.0	1816.2	1708.2	1600.3	1529.9	1454.8	1454.8
32.5°	1309.3	1403.2	1590.9	1896.0	2003.9	1900.7	1708.2	1558.1	1483.0	1393.8	1389.1
35°	1323.4	1431.4	1731.7	2135.3	2107.1	1891.3	1656.6	1473.6	1403.2	1328.1	1314.0
37.5°	1323.4	1454.8	1919.4	2318.3	2130.6	1806.8	1548.7	1361.0	1300.0	1238.9	1248.3
40°	1328.1	1483.0	2186.9	2398.1	2055.5	1647.2	1384.4	1224.9	1182.6	1149.8	1149.8
42.5°	1346.9	1515.8	2454.4	2407.5	1905.4	1436.1	1215.5	1107.5	1126.3	1112.2	1116.9
45°	1365.7	1572.1	2637.5	2355.9	1661.3	1234.3	1098.2	1079.4	1102.9	1070.0	1070.0
47.5°	1403.2	1666.0	2764.2	2229.2	1412.6	1088.8	1027.8	1009.0	999.6	957.4	971.4
50°	1473.6	1844.3	2843.9	2064.9	1187.3	1009.0	943.3	905.7	896.4	854.1	854.1
52.5°	1581.5	2102.5	2923.7	1830.3	1037.1	948.0	849.4	816.6	765.0	727.4	727.4
55°	1727.0	2454.4	3022.3	1544.0	901.1	858.8	765.0	703.9	703.9	689.9	694.6
57.5°	1938.2	2867.4	3073.9	1215.5	755.6	765.0	661.7	680.5	689.9	675.8	675.8
60°	2219.8	3346.1	3031.7	957.4	628.9	652.3	633.6	661.7	694.6	689.9	689.9
62.5°	2656.2	3763.8	2825.2	722.7	516.2	558.5	591.3	605.4	628.9	633.6	628.9
65°	3059.8	3848.2	2257.3	539.7	436.4	488.1	525.6	525.6	539.7	539.7	544.4
67.5°	3566.7	3918.6	1581.5	384.8	370.7	413.0	455.2	445.8	464.6	469.3	469.3
70°	3623.0	3477.5	868.2	295.7	300.4	347.3	380.1	380.1	408.3	413.0	417.7
72.5°	*3116.1*	*2679.7*	*413.0*	*234.6*	*244.0*	*267.5*	*323.8*	*333.2*	*356.7*	*370.7*	*366.1*
75°	2055.5	1562.8	248.7	187.7	192.4	211.2	267.5	286.3	305.0	319.1	319.1
77.5°	722.7	520.9	159.6	140.8	145.5	173.6	206.5	230.0	234.6	244.0	225.3
80°	187.7	178.3	103.2	93.9	107.9	131.4	154.9	168.9	168.9	159.6	154.9
82.5°	75.1	84.5	65.7	61.0	65.7	79.8	107.9	112.6	103.2	103.2	103.2
85°	32.9	32.9	32.9	32.9	37.5	42.2	56.3	61.0	56.3	46.9	46.9
87.5°	14.1	14.1	14.1	14.1	9.4	14.1	14.1	14.1	18.8	18.8	18.8
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

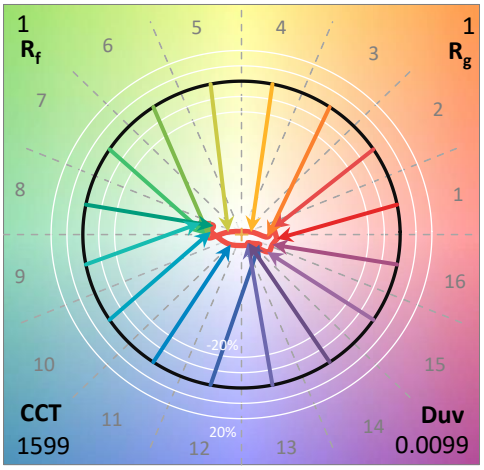
Test Information

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

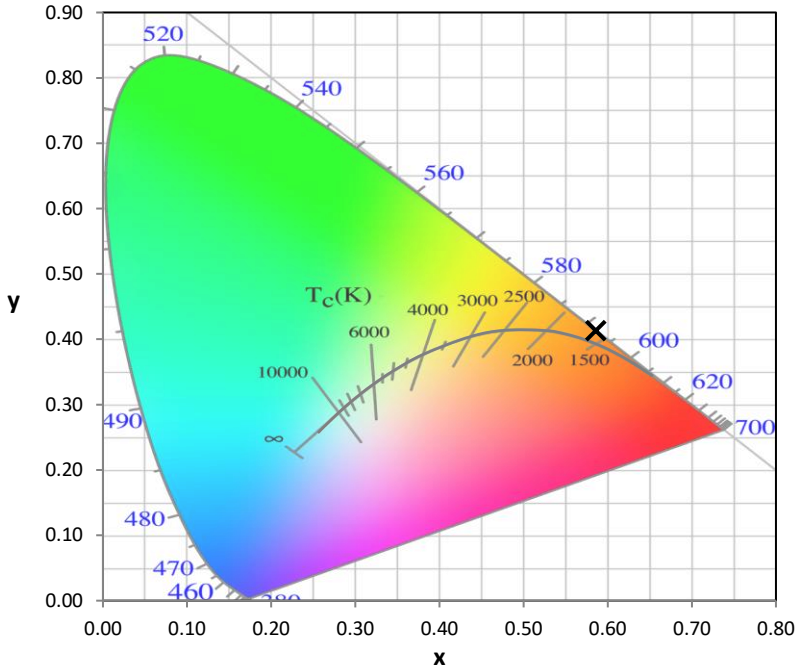
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

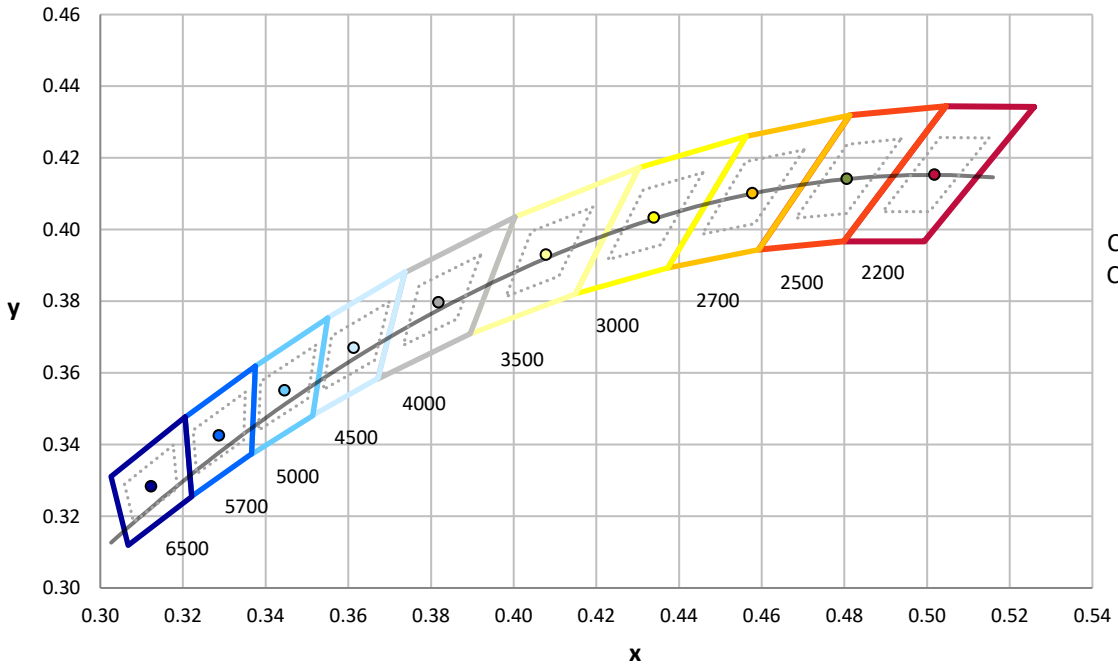
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

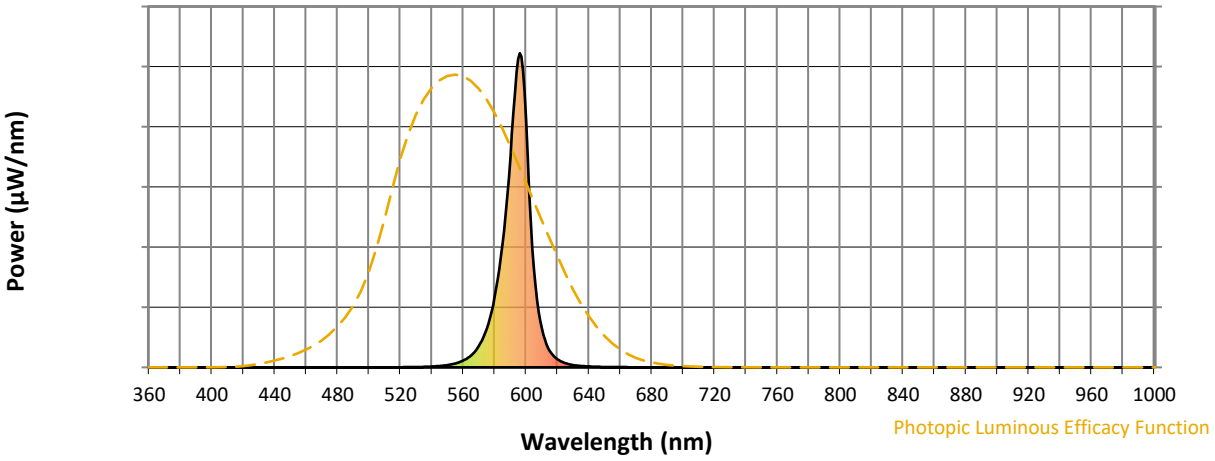


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

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Photopic Flux vs. Wavelength

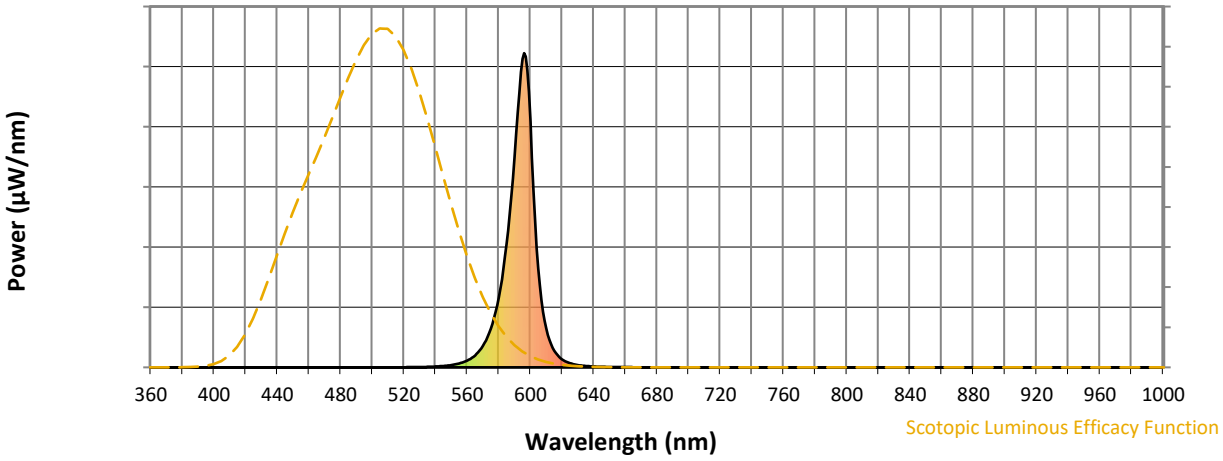


Photopic Lumens: NR

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

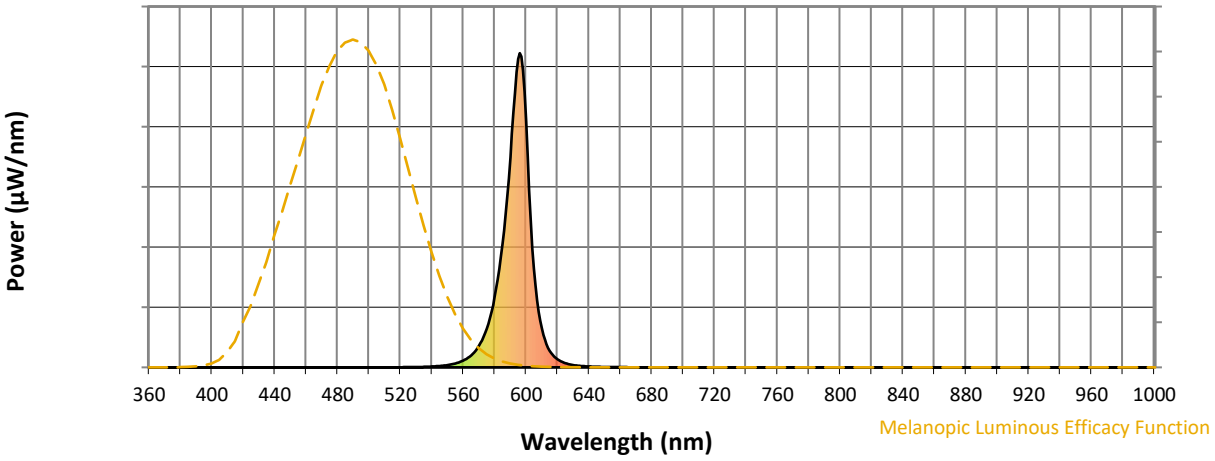


Scotopic Lumens: NR **S/P: 0.23**

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			

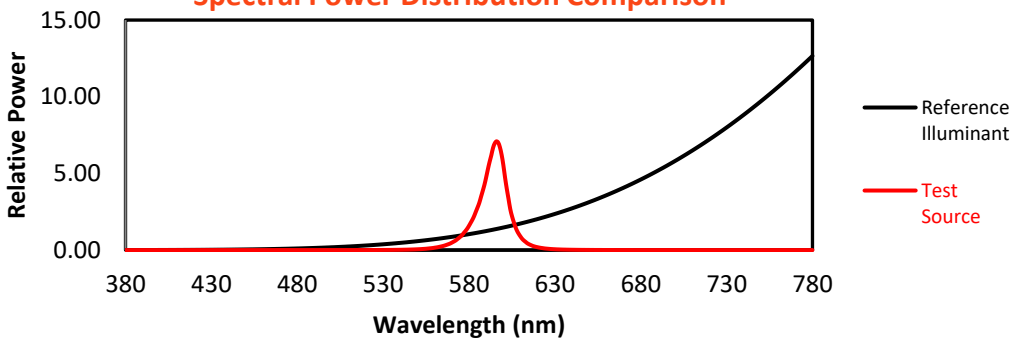
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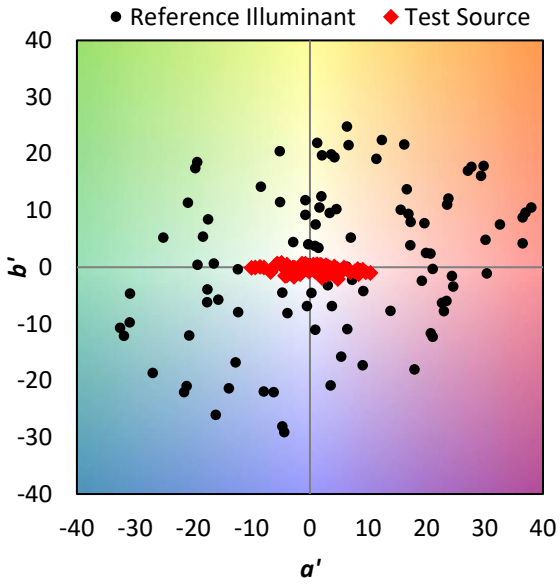
Summary

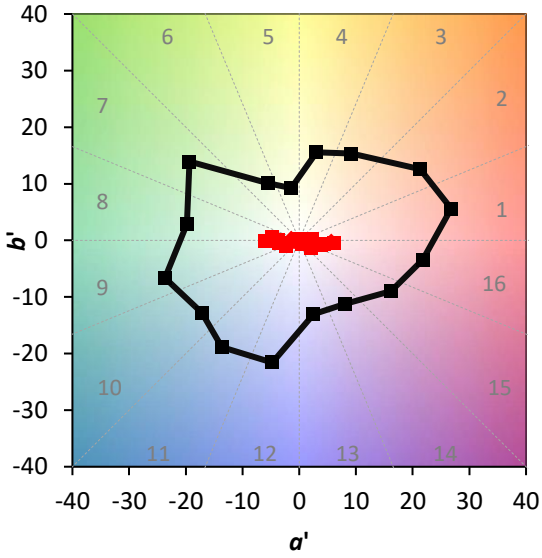
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

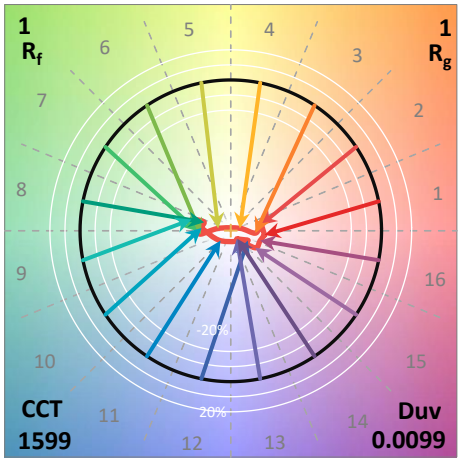
Spectral Power Distribution Comparison

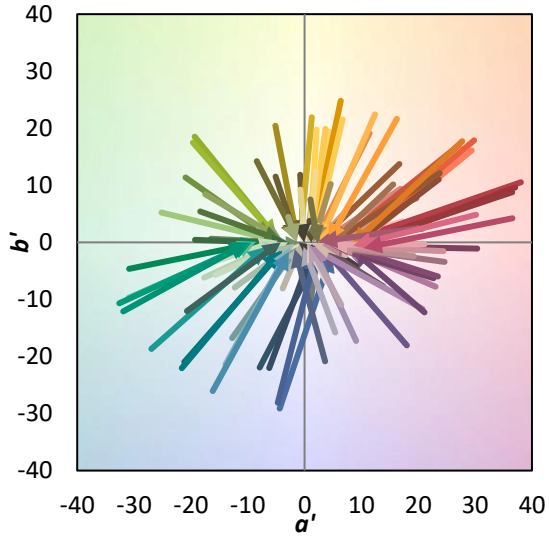


Color Vector Graphics







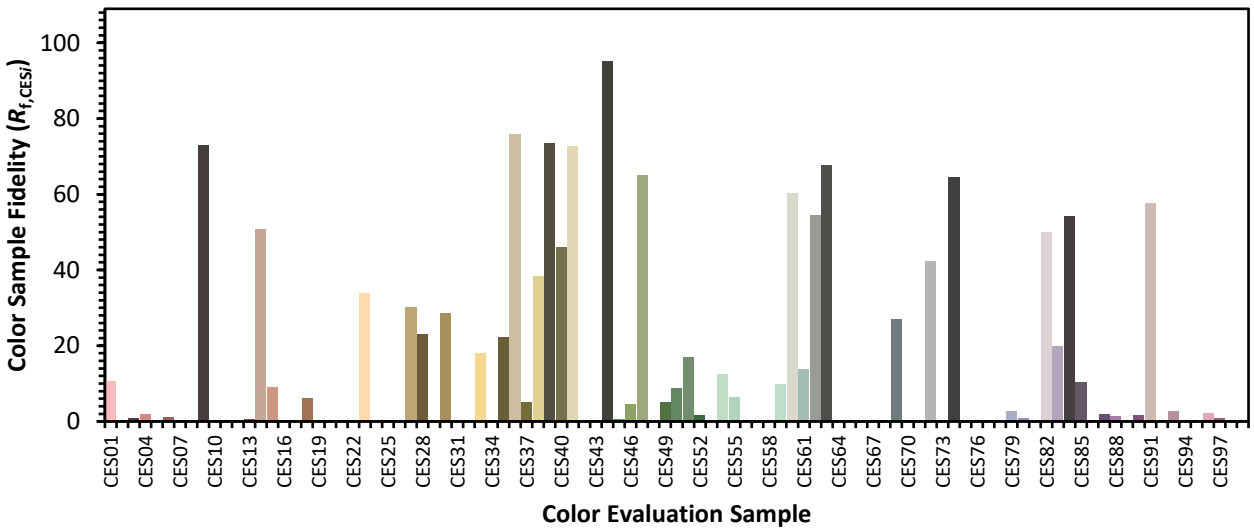


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Individual Sample Fidelity Index ($R_{f,i}$)

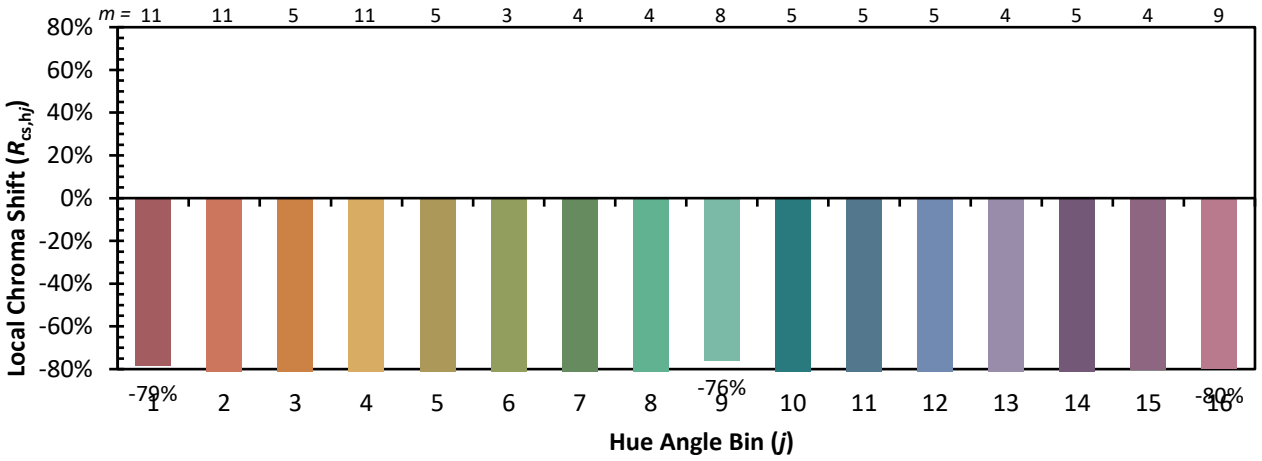
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

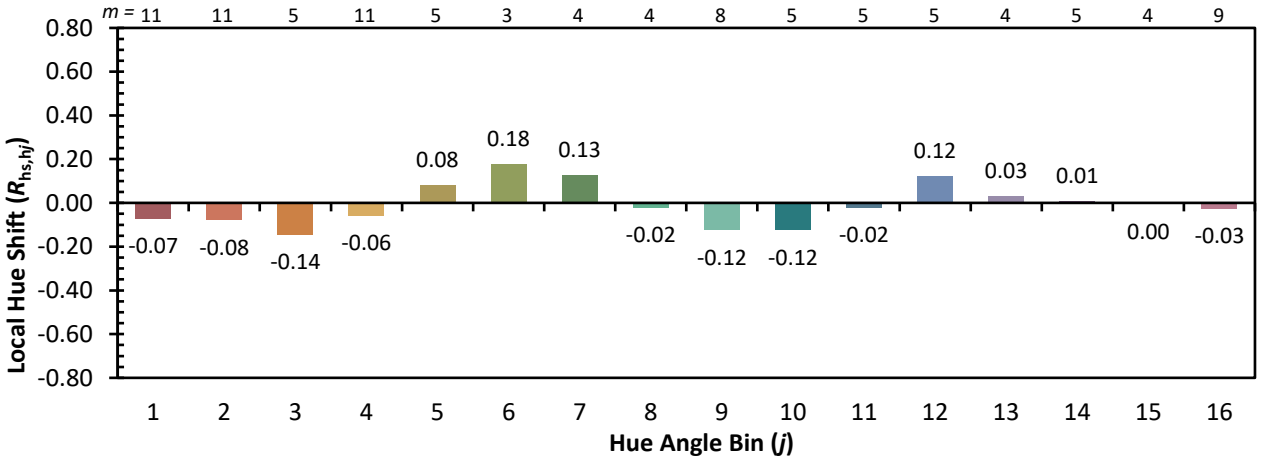


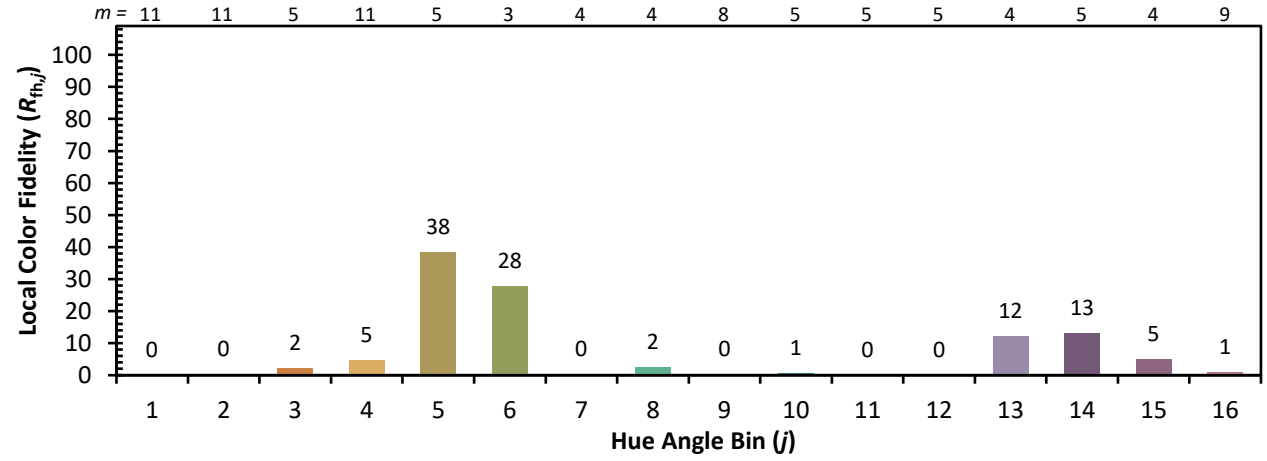
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Color Rendition by Hue-Angle Bin



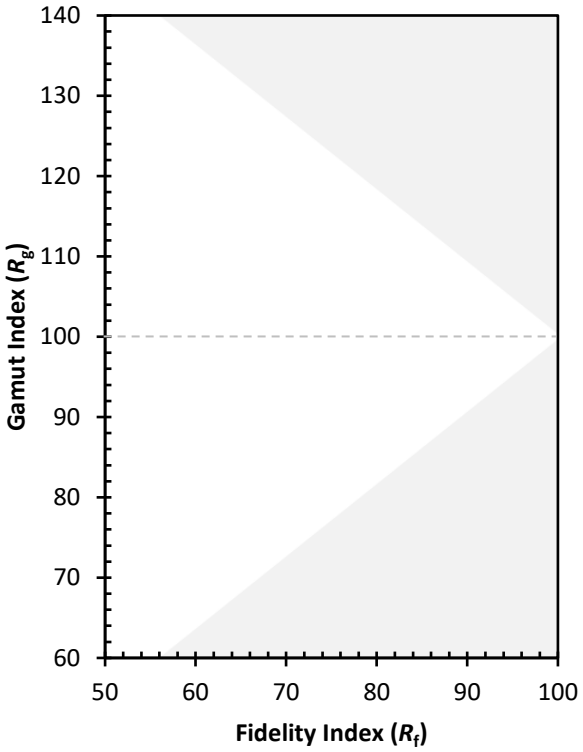


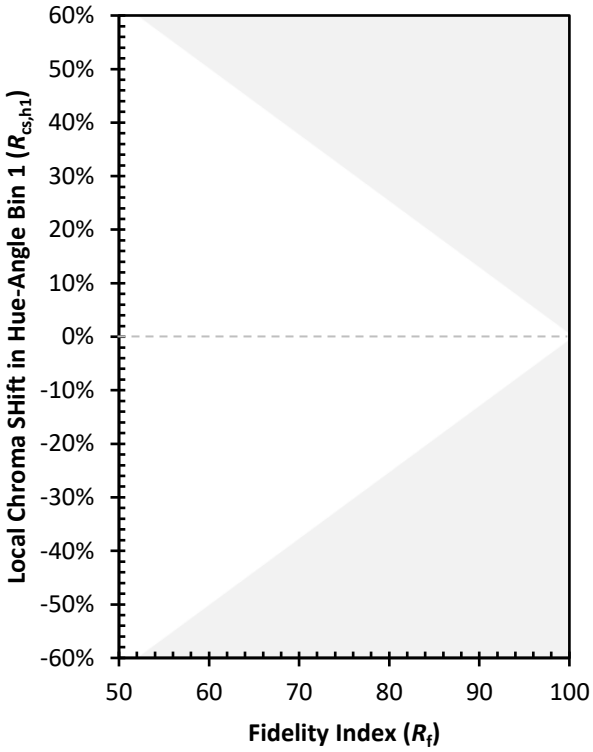


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Measure Comparisons





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