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-T2U

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-T2U
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 URBAN DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9963 lumens
Efficiency:	N/A
Efficacy:	62.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

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

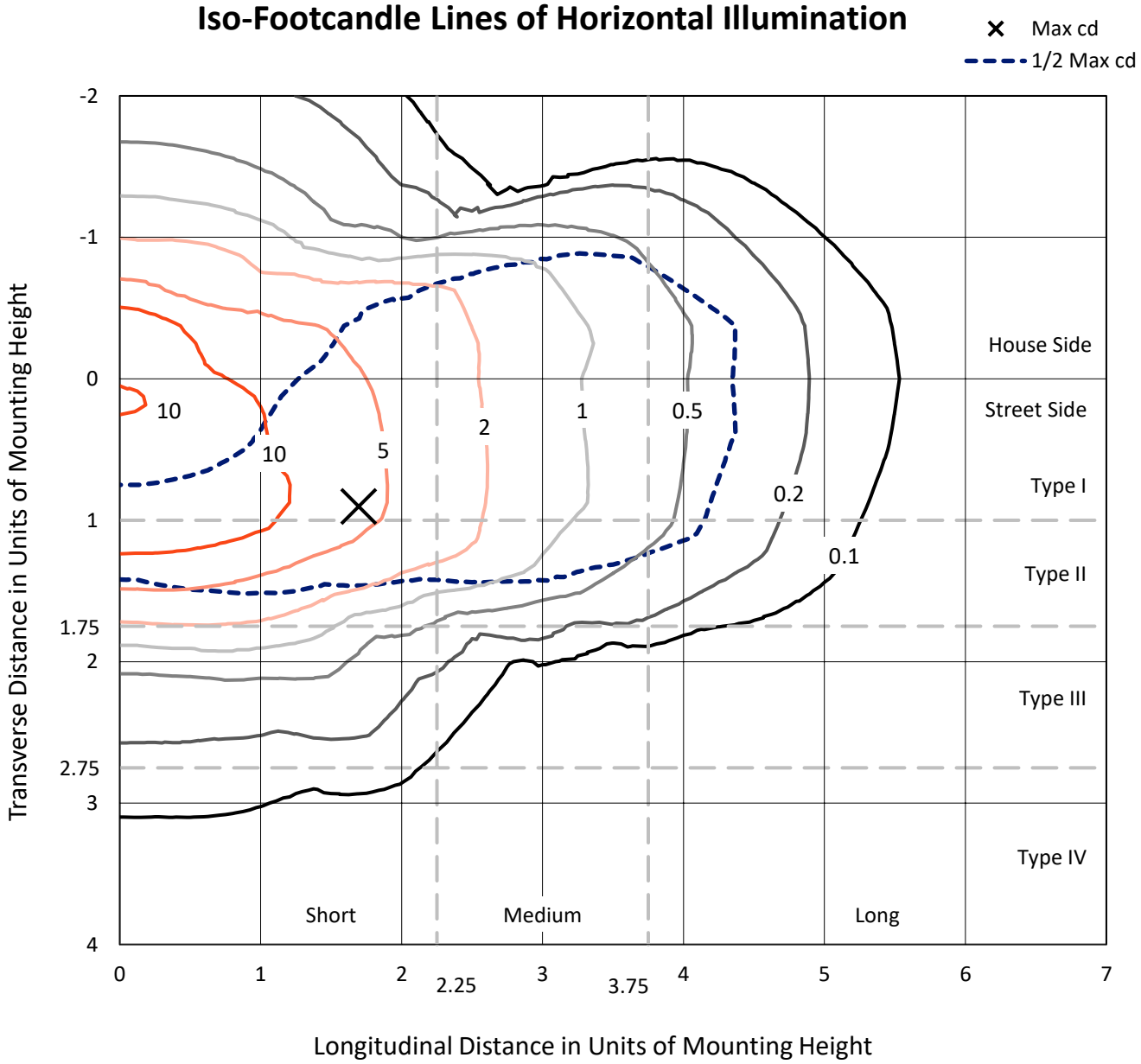


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



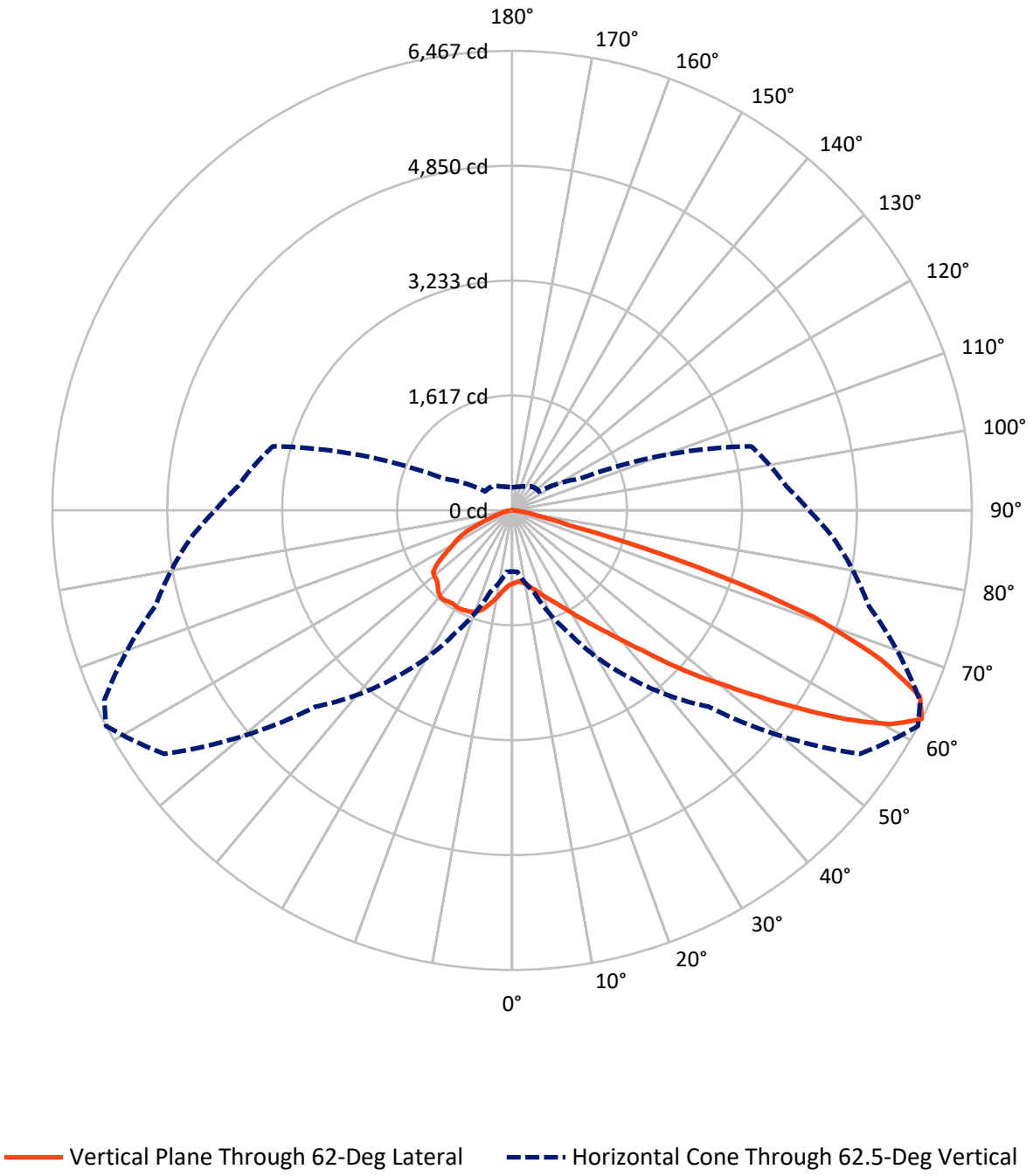
Based on 10 foot mounting height. Maximum calculated value = 17 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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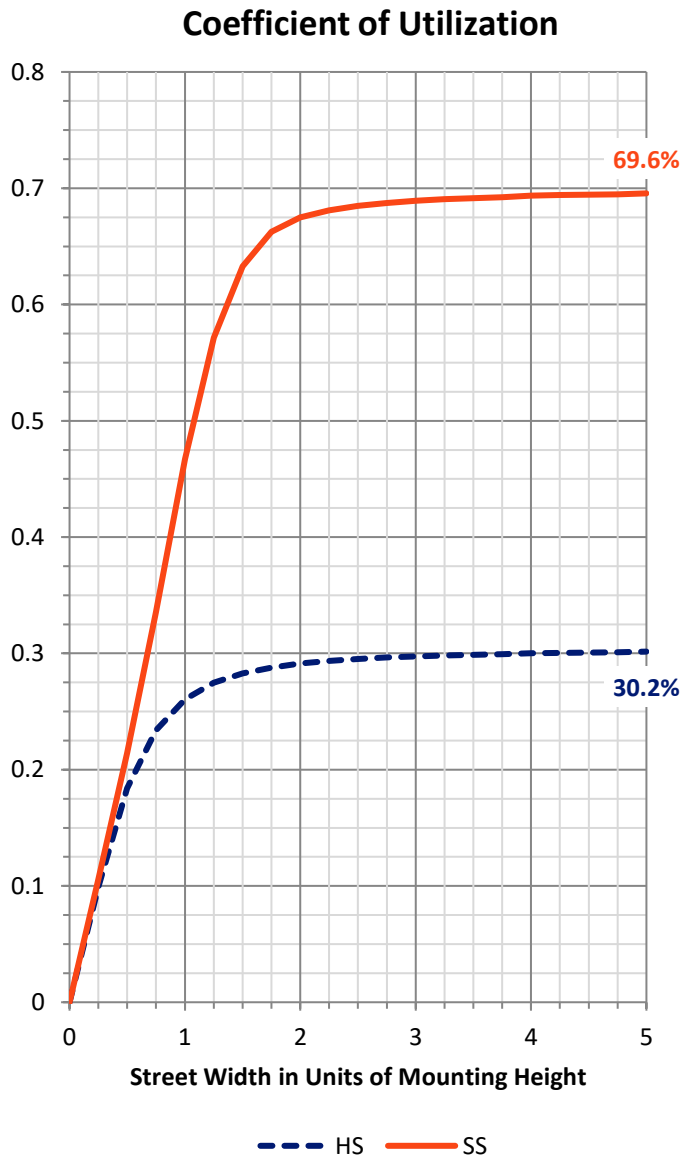
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3023.3	0.0	3023.3
	% Fixture	30.3	0.0	30.3
Street Side	Lumens	6939.7	0.0	6939.7
	% Fixture	69.7	0.0	69.7
Total	Lumens	9963.0	0.0	9963.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.2	1.0
10°-20°	359.8	3.6
20°-30°	697.6	7.0
30°-40°	1129.7	11.3
40°-50°	1868.2	18.8
50°-60°	2484.5	24.9
60°-70°	2105.4	21.1
70°-80°	1118.7	11.2
80°-90°	95.9	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°	9963.0	100.0
0°-180°	9963.0	100.0



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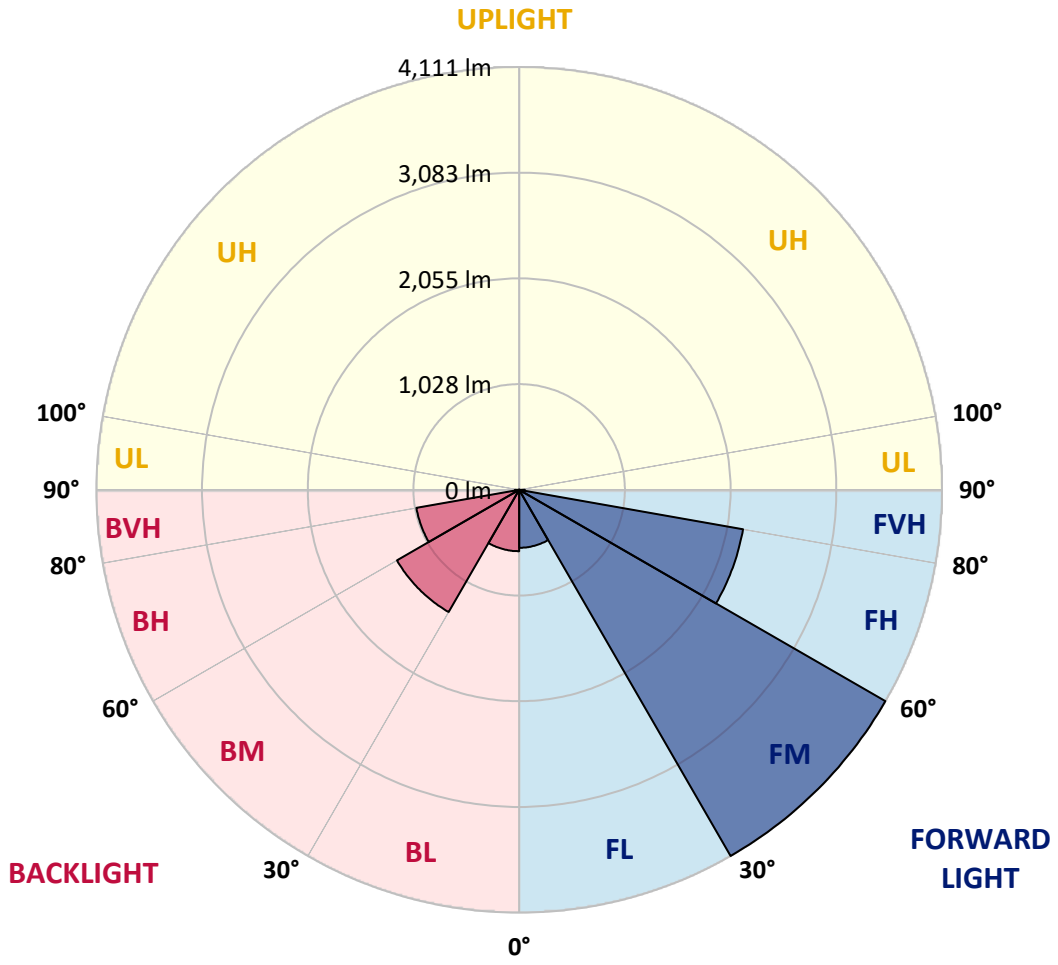
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	563.7	5.7			
FM	(30°-60°)	4110.9	41.3			
FH	(60°-80°)	2209.9	22.2			G2/5000
FVH	(80°-90°)	55.1	0.6			G1/100
BL	(0°-30°)	596.9	6.0	B2/1000		
BM	(30°-60°)	1371.4	13.8	B2/2500		
BH	(60°-80°)	1014.2	10.2	B3/2500		G3/2500
BVH	(80°-90°)	40.8	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	*1032.4*	1032.4	1032.4	1032.4
2.5°	1004.3	999.6	999.6	999.6	999.6	1009.0	1009.0	*1013.6*	1023.0	1027.7	1032.4
5°	971.4	966.7	966.7	971.4	980.8	985.5	1004.3	*1004.3*	1018.3	1037.1	1051.2
7.5°	976.1	971.4	971.4	976.1	980.8	990.2	1009.0	*1023.0*	1027.7	1055.9	1084.0
10°	1004.3	1004.3	1004.3	1004.3	1009.0	1018.3	1037.1	*1051.2*	1060.6	1093.4	1131.0
12.5°	1055.9	1051.2	1055.9	1051.2	1055.9	1060.6	1079.3	*1102.8*	1116.9	1149.7	1187.3
15°	1116.9	1112.2	1116.9	1112.2	1112.2	1112.2	1140.3	*1149.7*	1168.5	1215.4	1253.0
17.5°	1196.7	1187.3	1192.0	1177.9	1173.2	1173.2	1192.0	*1215.4*	1234.2	1290.5	1328.1
20°	1271.7	1267.1	1257.7	1253.0	1243.6	1243.6	1257.7	*1290.5*	1304.6	1375.0	1398.5
22.5°	1351.5	1351.5	1332.8	1332.8	1323.4	1328.1	1342.1	*1360.9*	1379.7	1459.5	1478.2
25°	1492.3	1482.9	1450.1	1421.9	1417.2	1421.9	1436.0	*1450.1*	1468.8	1553.3	1553.3
27.5°	1736.3	1731.6	1670.6	1600.2	1534.5	1529.9	1548.6	*1553.3*	1581.5	1651.9	1637.8
30°	2088.3	2050.8	1975.7	1877.1	1731.6	1665.9	1675.3	*1684.7*	1703.5	1764.5	1736.3
32.5°	2426.2	2402.7	2318.2	2191.5	2013.2	1863.0	1816.1	*1825.5*	1839.6	1895.9	1844.3
35°	2843.8	2829.8	2735.9	2562.3	2332.3	2107.1	2008.5	*1994.4*	2008.5	2041.4	1966.3
37.5°	3303.7	3261.5	3177.0	2975.2	2698.4	2407.4	2233.8	*2182.1*	2196.2	2219.7	2116.4
40°	3777.7	3773.0	3674.5	3500.8	3130.1	2778.1	2515.3	*2421.5*	2412.1	2435.6	2304.2
42.5°	4218.8	4200.0	4129.7	3988.9	3674.5	3238.0	2862.6	*2693.7*	2674.9	2651.4	2506.0
45°	4472.2	4467.5	4481.6	4476.9	4251.7	3819.9	3308.4	*3055.0*	2994.0	2928.3	2740.6
47.5°	4486.3	4491.0	4627.1	4782.0	4735.0	4495.7	3801.2	*3449.2*	3360.0	3200.5	2989.3
50°	4195.4	4214.1	4505.1	4885.2	5105.8	5124.5	4411.2	*3857.5*	3730.8	3510.2	3266.2
52.5°	3763.6	3754.2	4078.0	4622.4	5265.3	5612.6	4997.8	*4354.9*	4153.1	3838.7	3538.4
55°	3153.6	3200.5	3622.8	4073.3	4988.4	5927.0	5584.4	*4922.7*	4697.5	4204.7	3843.4
57.5°	2454.3	2520.0	3008.1	3590.0	4322.1	5706.4	5912.9	*5542.2*	5288.8	4584.9	4162.5
60°	1426.6	1492.3	2041.4	2876.7	3712.0	4922.7	6095.9	*6110.0*	5851.9	4974.4	4439.4
62.5°	*858.8*	*868.2*	*1187.3*	*1910.0*	*2872.0*	*3904.4*	*5973.9*	*6466.7*	*6330.6*	*5194.9*	*4542.6*
65°	530.3	539.7	694.5	1121.6	1797.3	2712.4	5190.2	*6302.4*	6194.5	5035.4	4364.3
67.5°	431.7	436.4	506.8	699.2	1210.7	1304.6	3514.9	*5593.8*	5866.0	4889.9	4303.3
70°	408.3	408.3	413.0	488.1	891.6	774.3	1773.9	*4505.1*	5274.7	4763.2	4167.2
72.5°	333.2	337.9	375.4	370.7	624.1	549.1	516.2	*2726.5*	3927.9	4711.6	4082.7
75°	229.9	234.6	272.2	337.9	384.8	375.4	380.1	*821.2*	2238.5	4444.1	4035.8
77.5°	164.2	168.9	197.1	239.3	267.5	248.7	309.7	*375.4*	553.7	2674.9	3050.3
80°	107.9	112.6	131.4	164.2	197.1	150.2	178.3	*244.0*	253.4	1041.8	1511.1
82.5°	56.3	61.0	70.4	93.9	112.6	98.5	79.8	*122.0*	145.5	291.0	276.9
85°	18.8	18.8	28.2	32.8	42.2	46.9	37.5	*56.3*	61.0	93.9	65.7
87.5°	4.7	4.7	4.7	4.7	4.7	9.4	14.1	*14.1*	18.8	18.8	23.5
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4	1032.4
2.5°	1037.1	1041.8	1046.5	1046.5	1055.9	1060.6	1065.3	1070.0	1070.0	1074.6	1079.3
5°	1051.2	1065.3	1079.3	1093.4	1098.1	1116.9	1116.9	1131.0	1126.3	1131.0	1135.7
7.5°	1093.4	1107.5	1131.0	1149.7	1163.8	1173.2	1177.9	1192.0	1196.7	1196.7	1192.0
10°	1145.0	1168.5	1196.7	1224.8	1243.6	1257.7	1257.7	1262.4	1267.1	1262.4	1262.4
12.5°	1210.7	1234.2	1267.1	1304.6	1328.1	1332.8	1337.4	1328.1	1309.3	1290.5	1290.5
15°	1276.4	1304.6	1346.8	1379.7	1403.1	1407.8	1370.3	1332.8	1323.4	1318.7	1309.3
17.5°	1346.8	1370.3	1417.2	1459.5	1478.2	1431.3	1389.1	1393.8	1412.5	1421.9	1412.5
20°	1403.1	1426.6	1478.2	1511.1	1515.8	1440.7	1450.1	1501.7	1511.1	1506.4	1506.4
22.5°	1473.5	1487.6	1515.8	1548.6	1520.5	1482.9	1548.6	1548.6	1534.5	1511.1	1515.8
25°	1539.2	1534.5	1553.3	1567.4	1511.1	1558.0	1558.0	1520.5	1478.2	1468.8	1473.5
27.5°	1604.9	1576.8	1567.4	1576.8	1539.2	1553.3	1497.0	1431.3	1393.8	1379.7	1389.1
30°	1680.0	1628.4	1581.5	1562.7	1581.5	1487.6	1370.3	1295.2	1253.0	1238.9	1243.6
32.5°	1764.5	1689.4	1586.2	1562.7	1539.2	1346.8	1192.0	1079.3	1079.3	1098.1	1102.8
35°	1881.8	1773.9	1604.9	1604.9	1459.5	1163.8	938.6	915.1	915.1	924.5	929.2
37.5°	1994.4	1867.7	1628.4	1680.0	1351.5	952.6	793.1	764.9	741.5	718.0	732.1
40°	2158.7	1989.7	1689.4	1731.6	1229.5	779.0	718.0	675.8	628.8	600.7	614.8
42.5°	2355.8	2144.6	1769.2	1741.0	1098.1	718.0	685.1	642.9	591.3	549.1	567.8
45°	2529.4	2308.9	1891.2	1726.9	938.6	708.6	699.2	652.3	581.9	544.4	558.4
47.5°	2754.7	2487.2	2032.0	1717.6	811.9	769.6	722.7	633.5	553.7	516.2	525.6
50°	3012.8	2703.0	2210.3	1698.8	816.5	797.8	703.9	586.6	497.4	450.5	455.2
52.5°	3266.2	2933.0	2459.0	1651.9	849.4	783.7	638.2	497.4	450.5	436.4	431.7
55°	3538.4	3172.3	2717.1	1497.0	797.8	685.1	520.9	464.6	431.7	408.3	408.3
57.5°	3829.3	3435.1	2998.7	1304.6	699.2	586.6	474.0	431.7	408.3	389.5	389.5
60°	4082.7	3726.1	3270.9	1149.7	553.7	492.7	441.1	403.6	375.4	361.3	356.7
62.5°	*4176.6*	*3871.6*	*3482.1*	*1051.2*	*464.6*	*450.5*	*417.7*	*370.7*	*342.6*	*328.5*	*323.8*
65°	4064.0	3899.7	3505.5	891.6	398.9	398.9	380.1	337.9	309.7	291.0	291.0
67.5°	4115.6	4110.9	3730.8	647.6	347.3	347.3	342.6	295.6	272.2	258.1	258.1
70°	4031.1	4209.4	3669.8	389.5	281.6	291.0	286.3	258.1	234.6	225.3	225.3
72.5°	4026.4	4387.8	3458.6	253.4	229.9	239.3	234.6	220.6	197.1	192.4	187.7
75°	3979.5	4425.3	2942.4	201.8	183.0	187.7	192.4	187.7	164.2	164.2	159.6
77.5°	3008.1	2984.6	1595.5	154.9	140.8	145.5	154.9	150.2	131.4	150.2	126.7
80°	1637.8	1525.2	478.7	103.2	98.5	107.9	112.6	107.9	93.9	112.6	89.2
82.5°	333.2	398.9	145.5	65.7	61.0	65.7	70.4	61.0	51.6	46.9	42.2
85°	51.6	61.0	56.3	37.5	28.2	28.2	32.8	23.5	18.8	14.1	14.1
87.5°	23.5	23.5	18.8	14.1	9.4	4.7	4.7	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

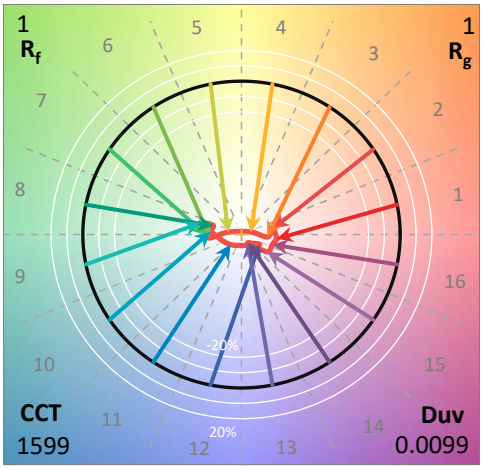
Test Information

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

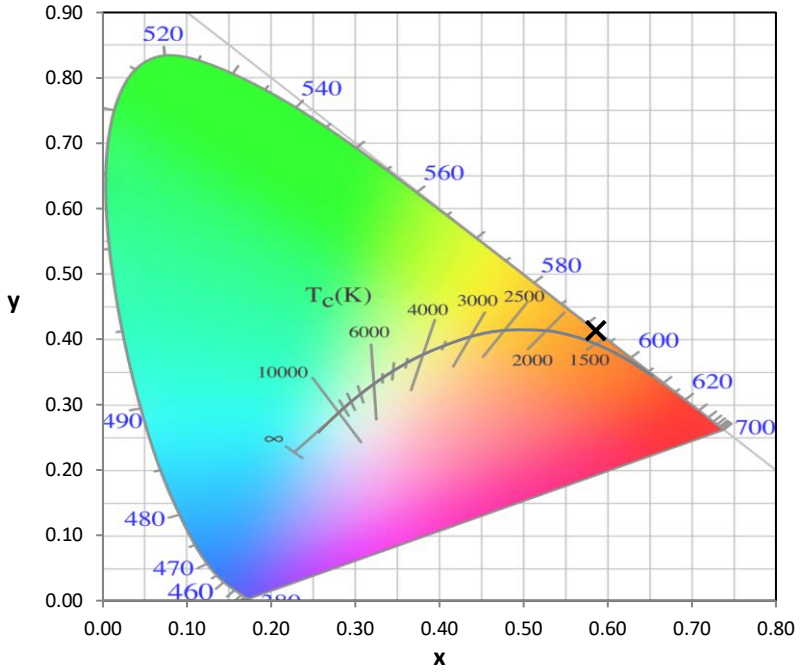
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

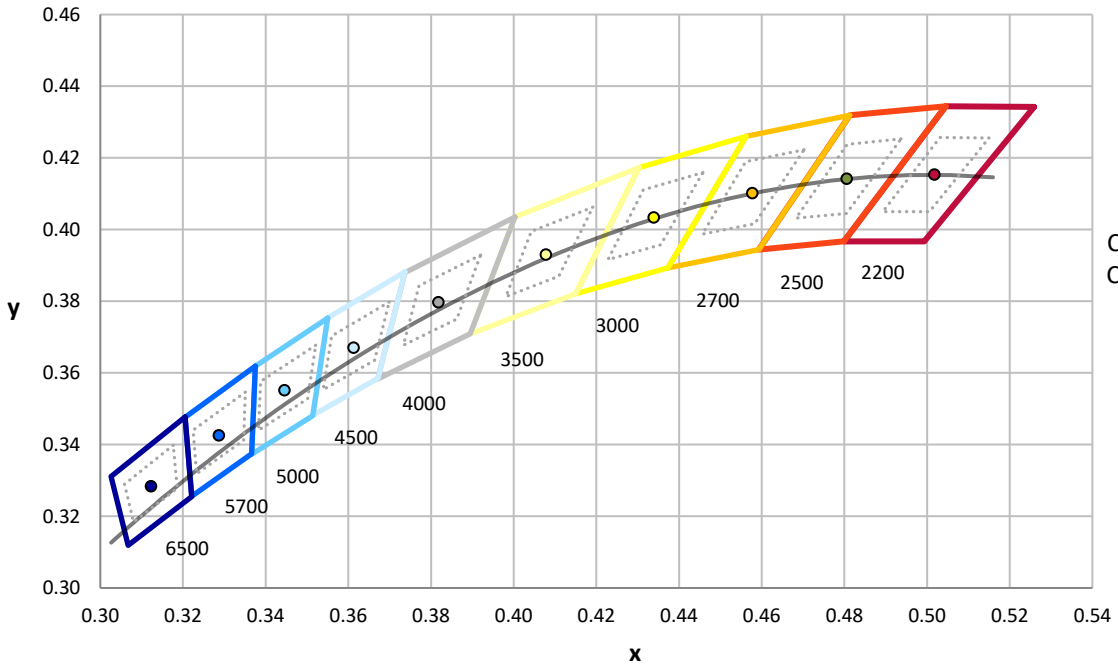
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

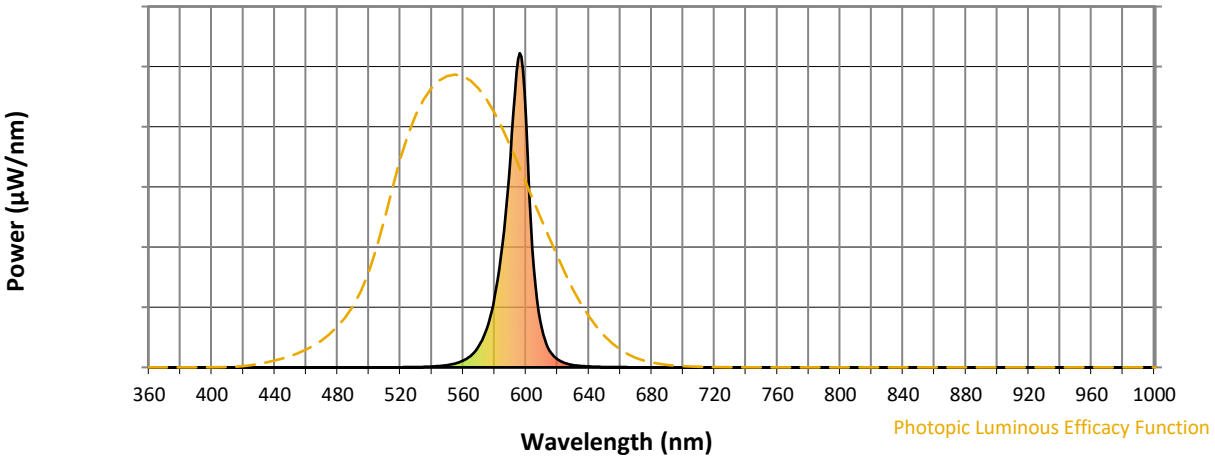


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

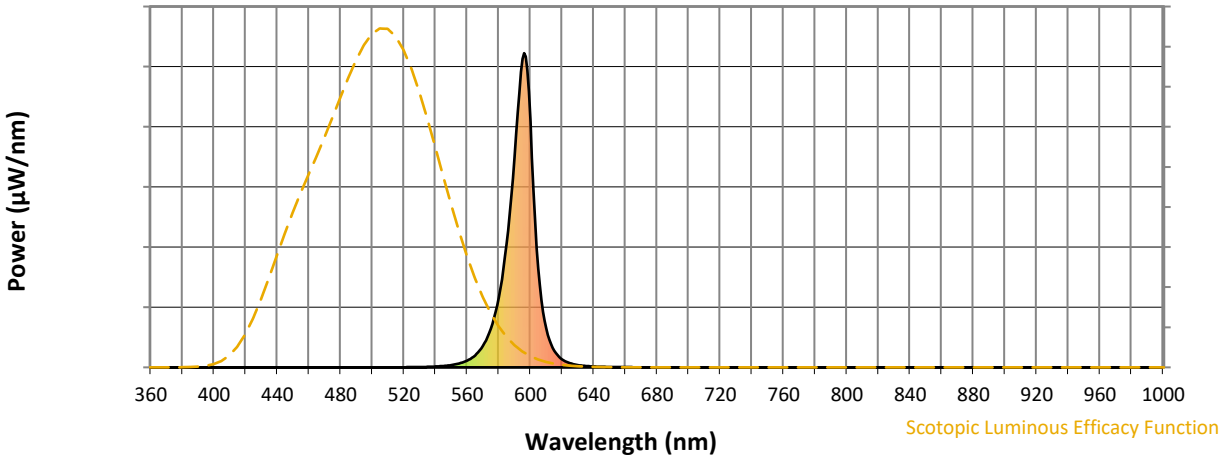


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

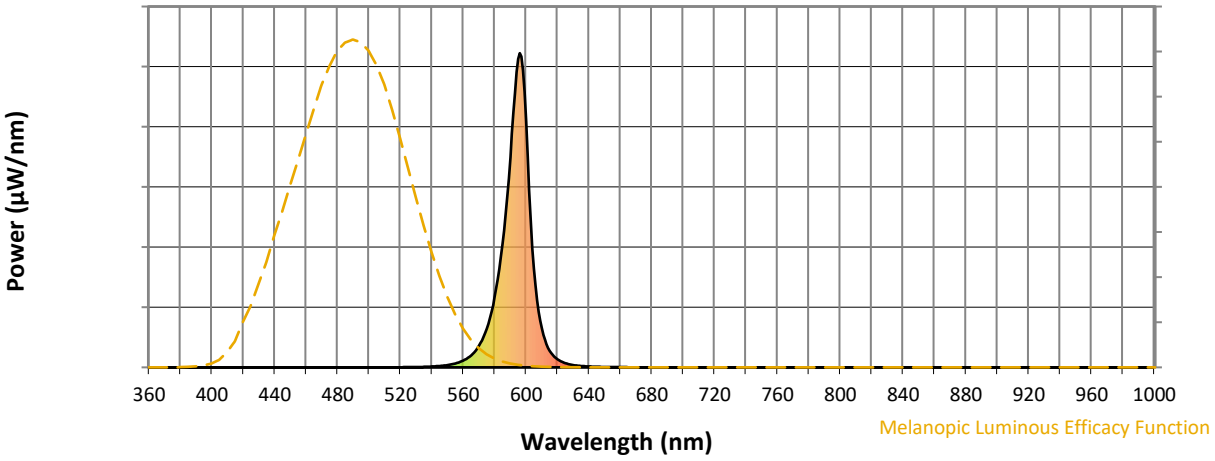


Scotopic Lumens: NR **S/P: 0.23**

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			

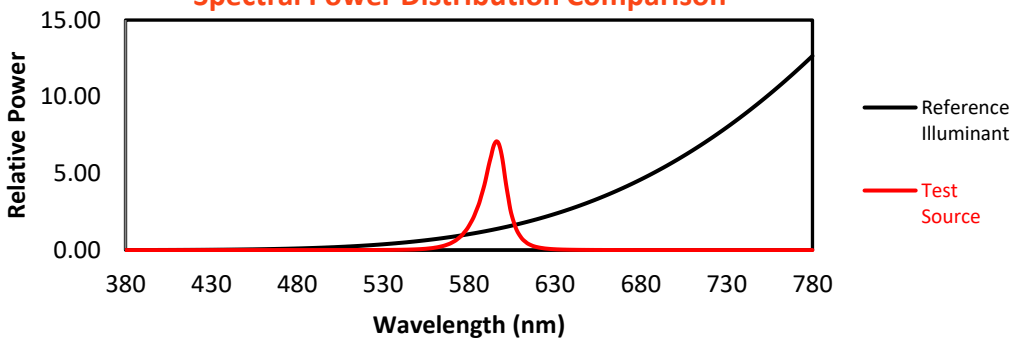
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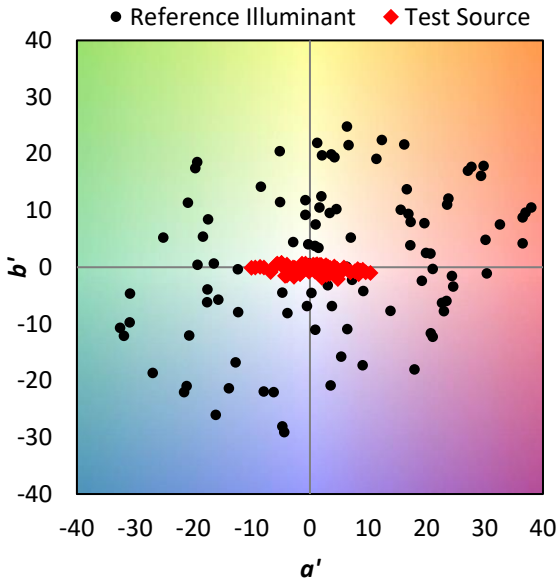
Summary

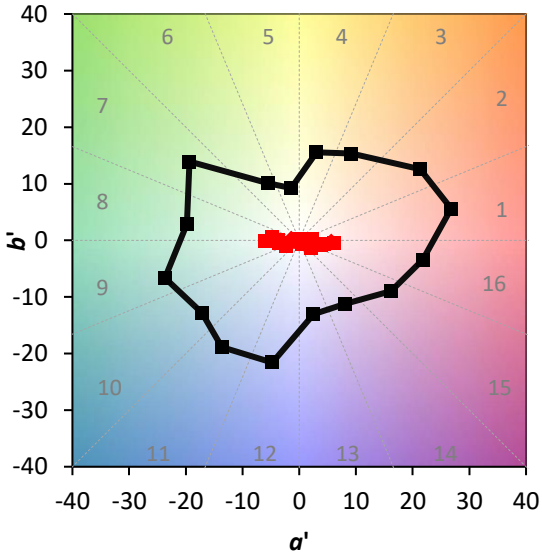
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

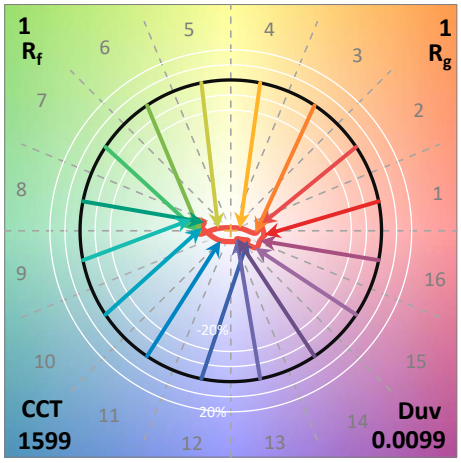
Spectral Power Distribution Comparison

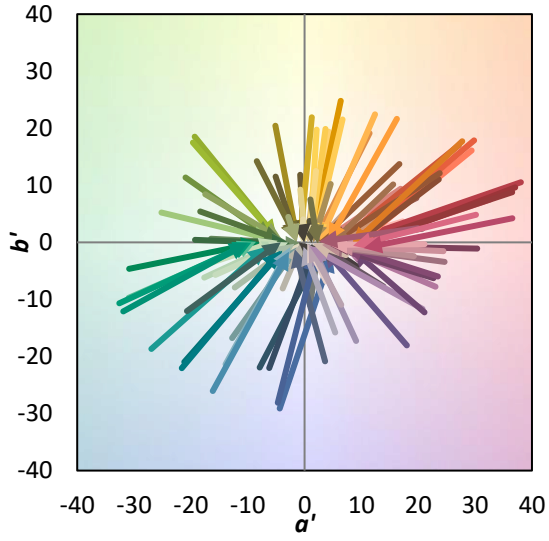


Color Vector Graphics







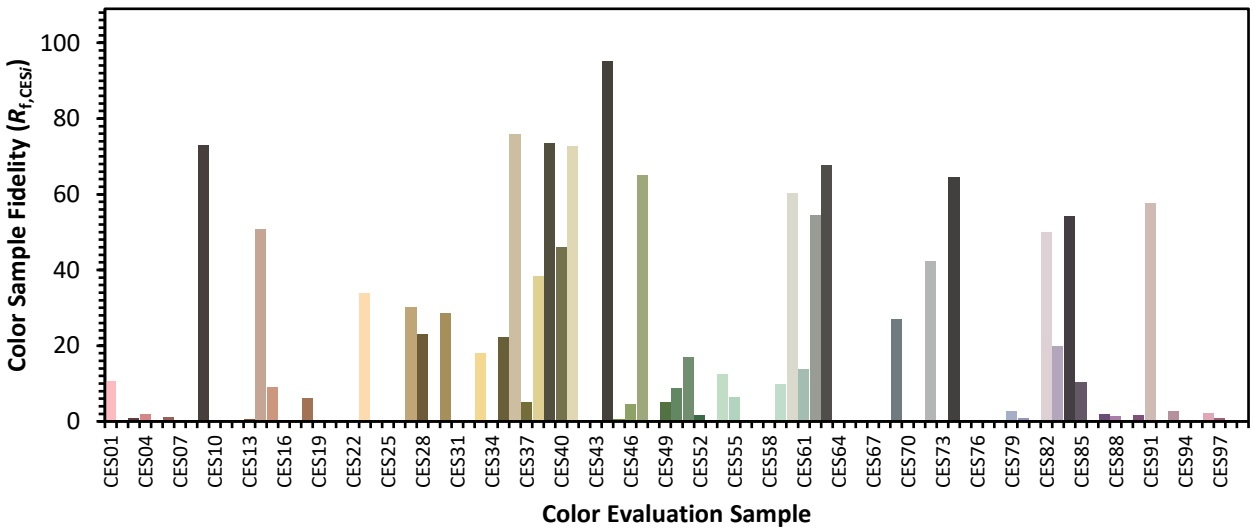


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Individual Sample Fidelity Index ($R_{f,i}$)

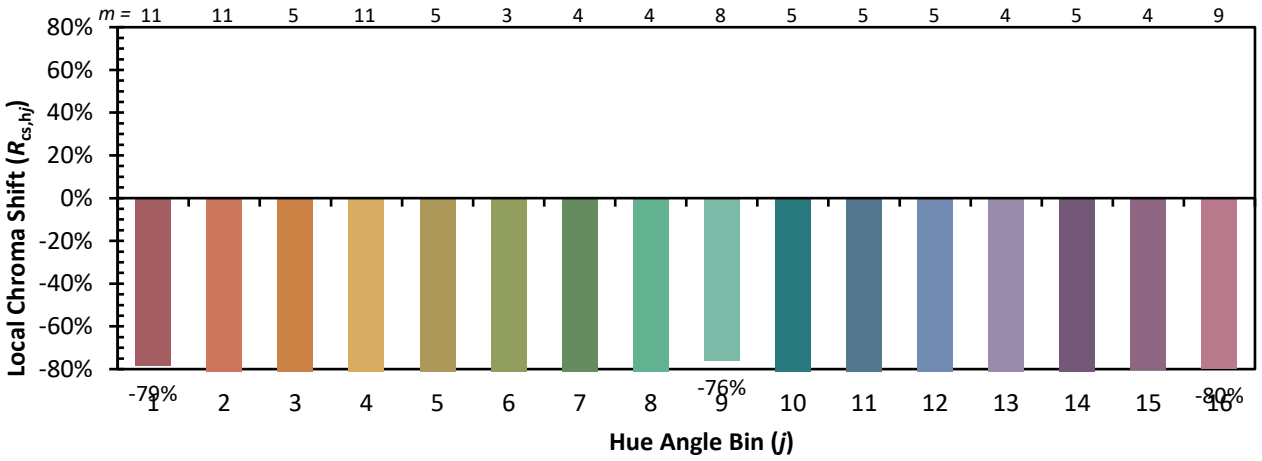
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

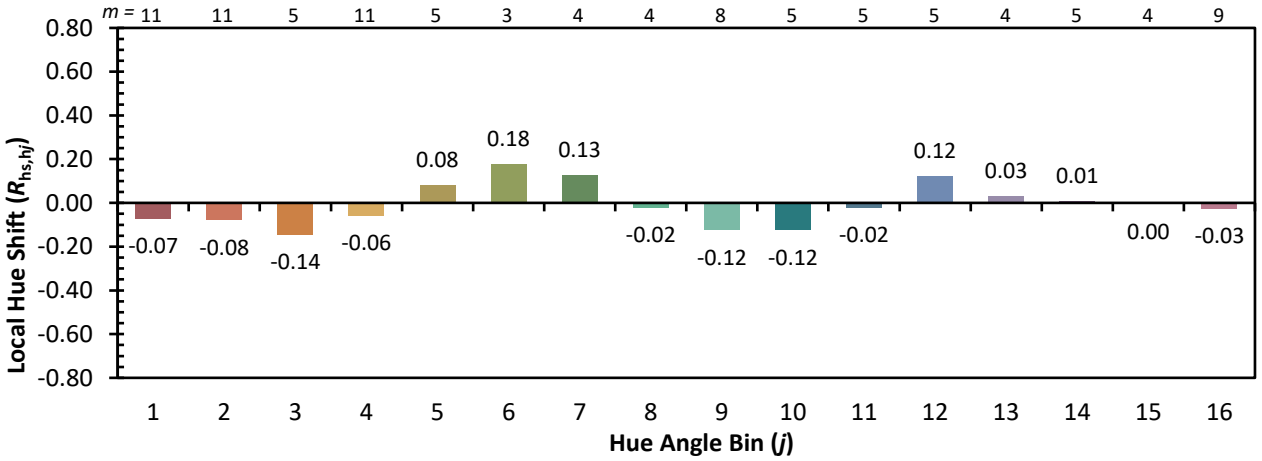


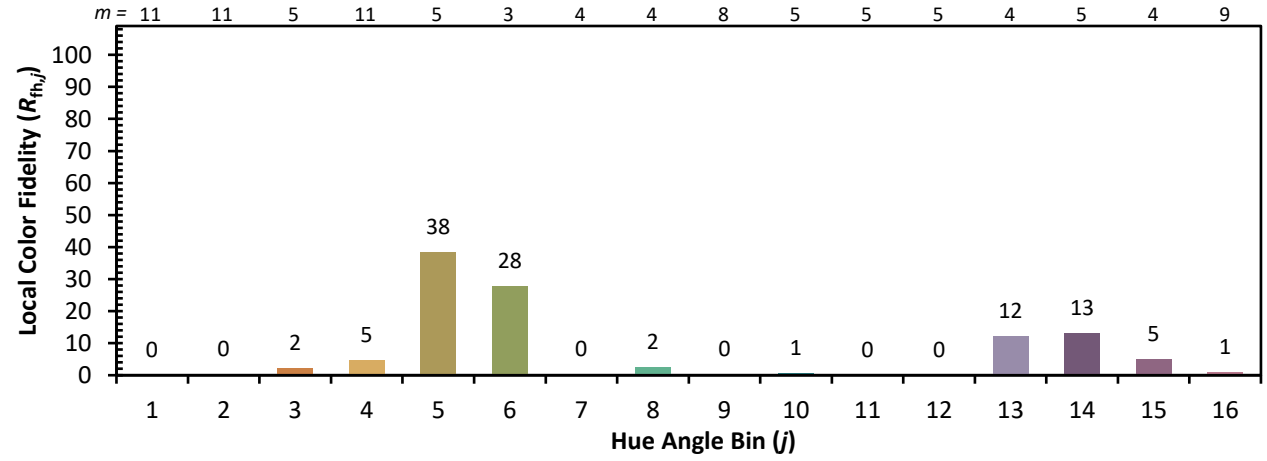
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Color Rendition by Hue-Angle Bin



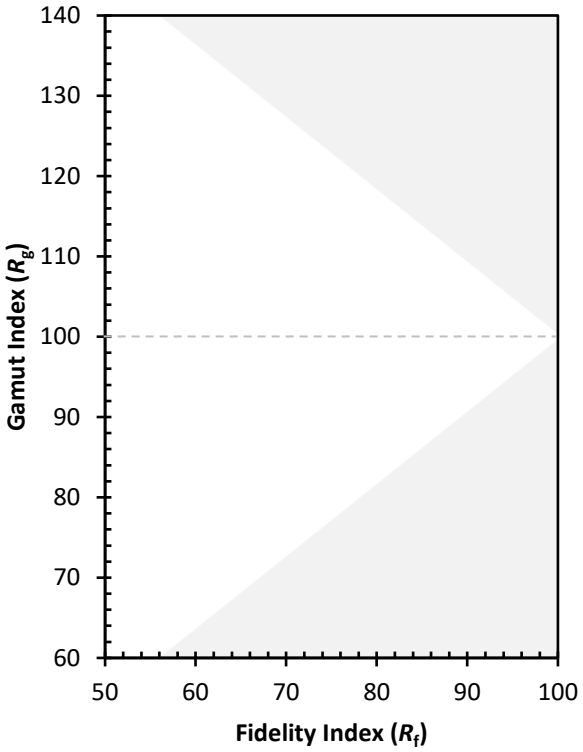


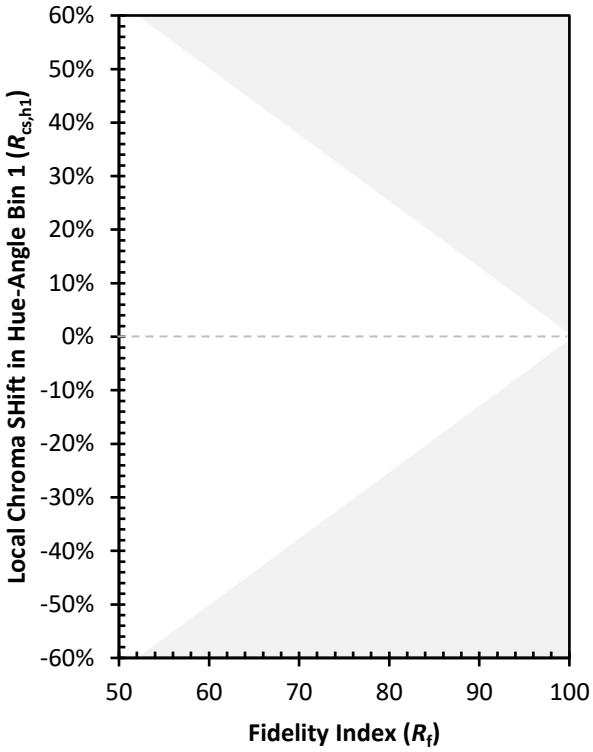


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Measure Comparisons





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