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-T4W

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-T4W
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8042.4 lumens
Efficiency:	N/A
Efficacy:	61.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Medium
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

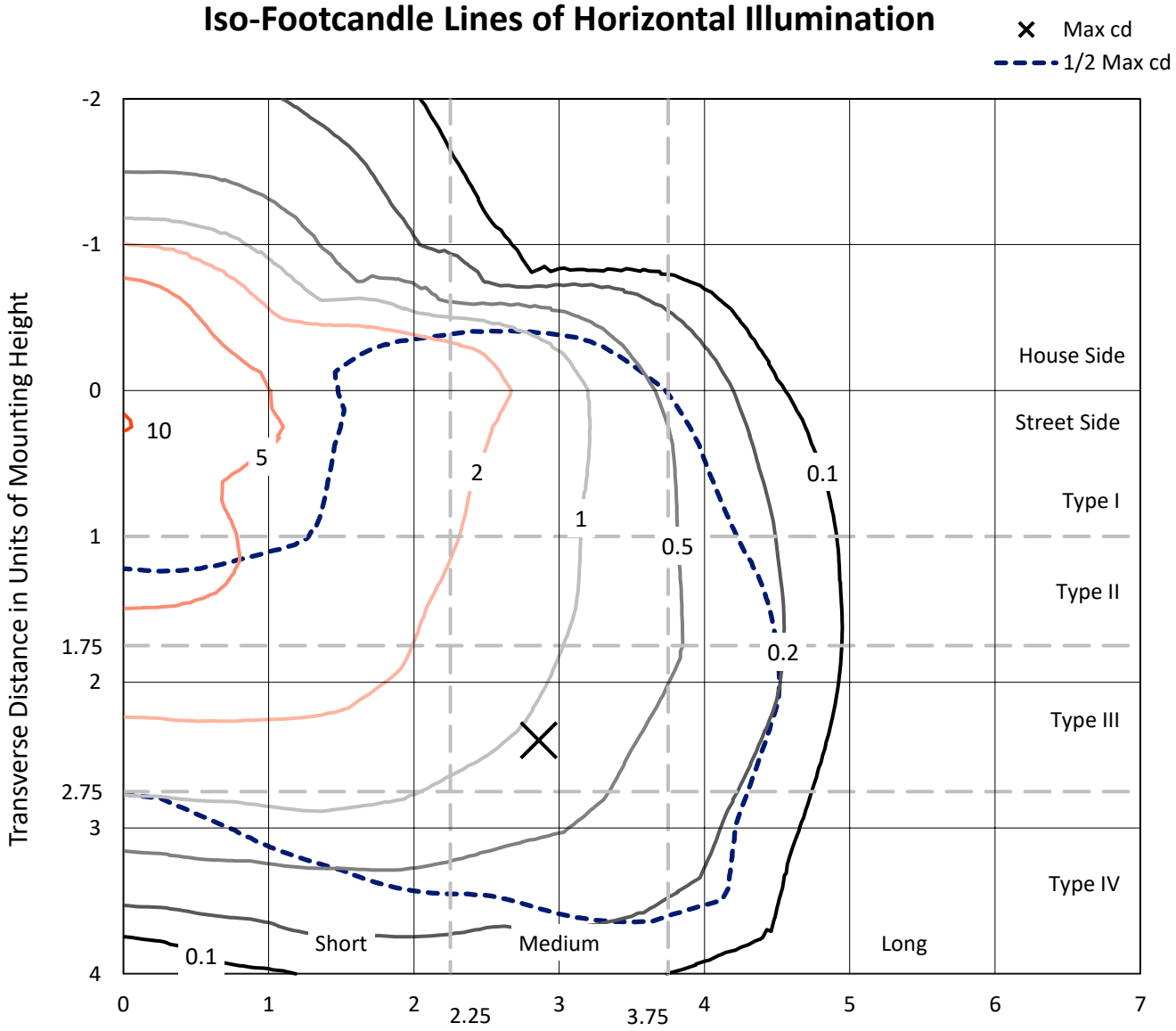


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



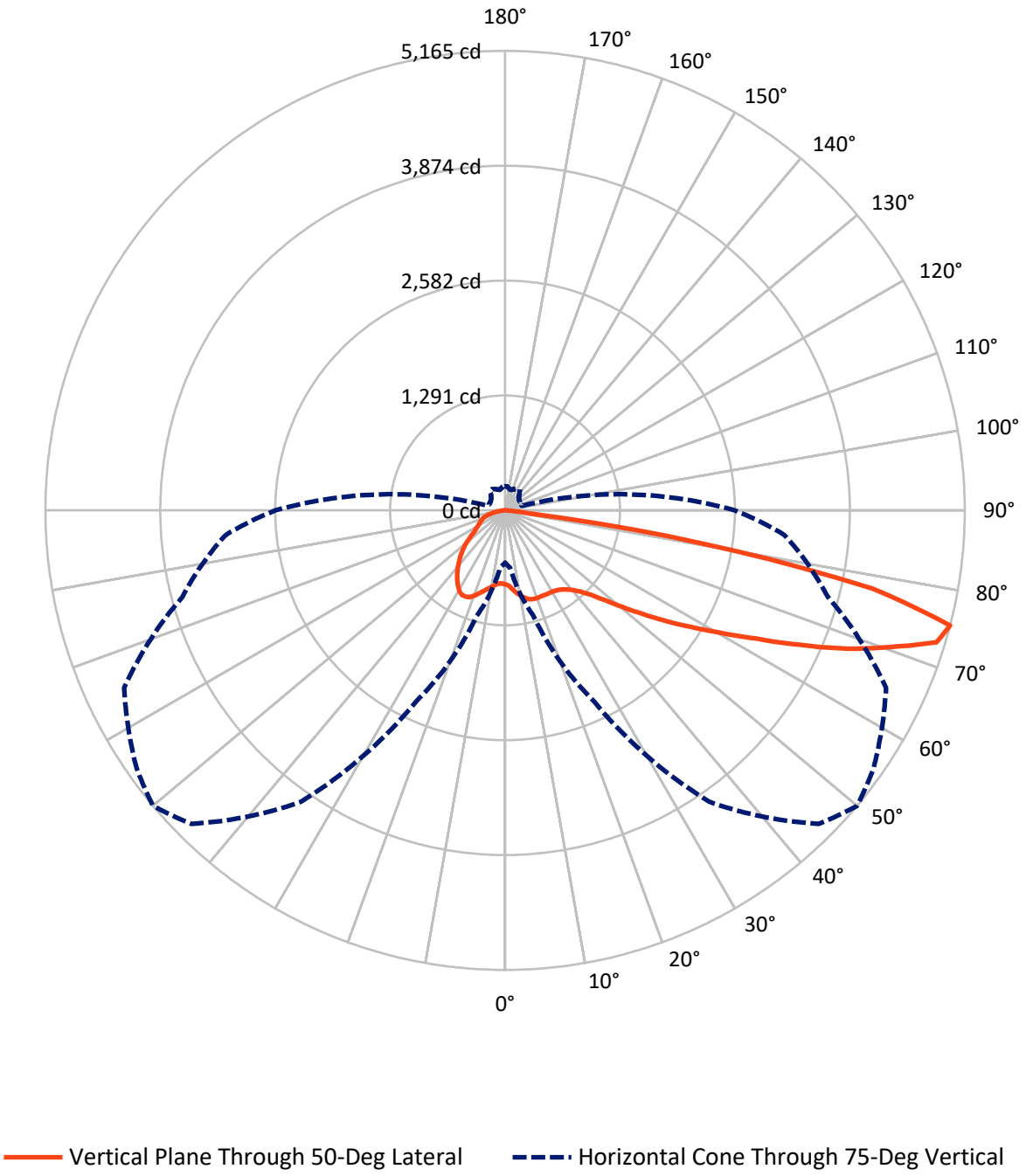
Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
Type IV - Medium - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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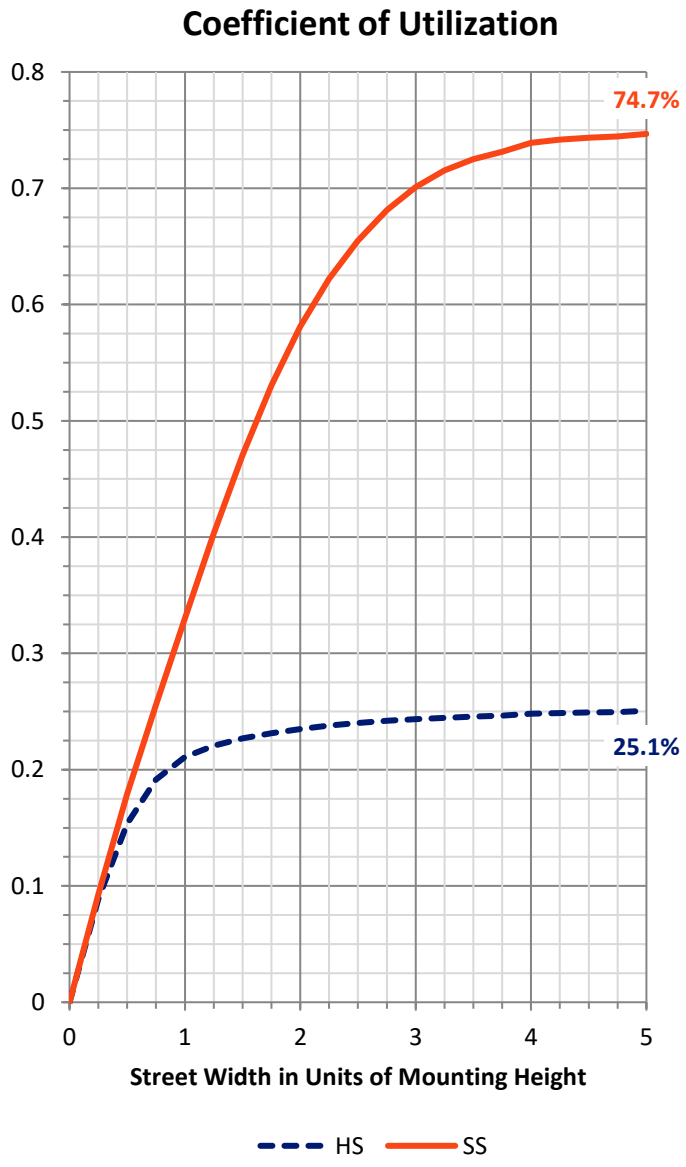
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2037.5	0.0	2037.5
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	6004.9	0.0	6004.9
	% Fixture	74.7	0.0	74.7
Total	Lumens	8042.4	0.0	8042.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	1.1
10°-20°	281.2	3.5
20°-30°	486.6	6.1
30°-40°	677.7	8.4
40°-50°	934.4	11.6
50°-60°	1478.1	18.4
60°-70°	2209.4	27.5
70°-80°	1768.2	22.0
80°-90°	122.2	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°	8042.4	100.0
0°-180°	8042.4	100.0



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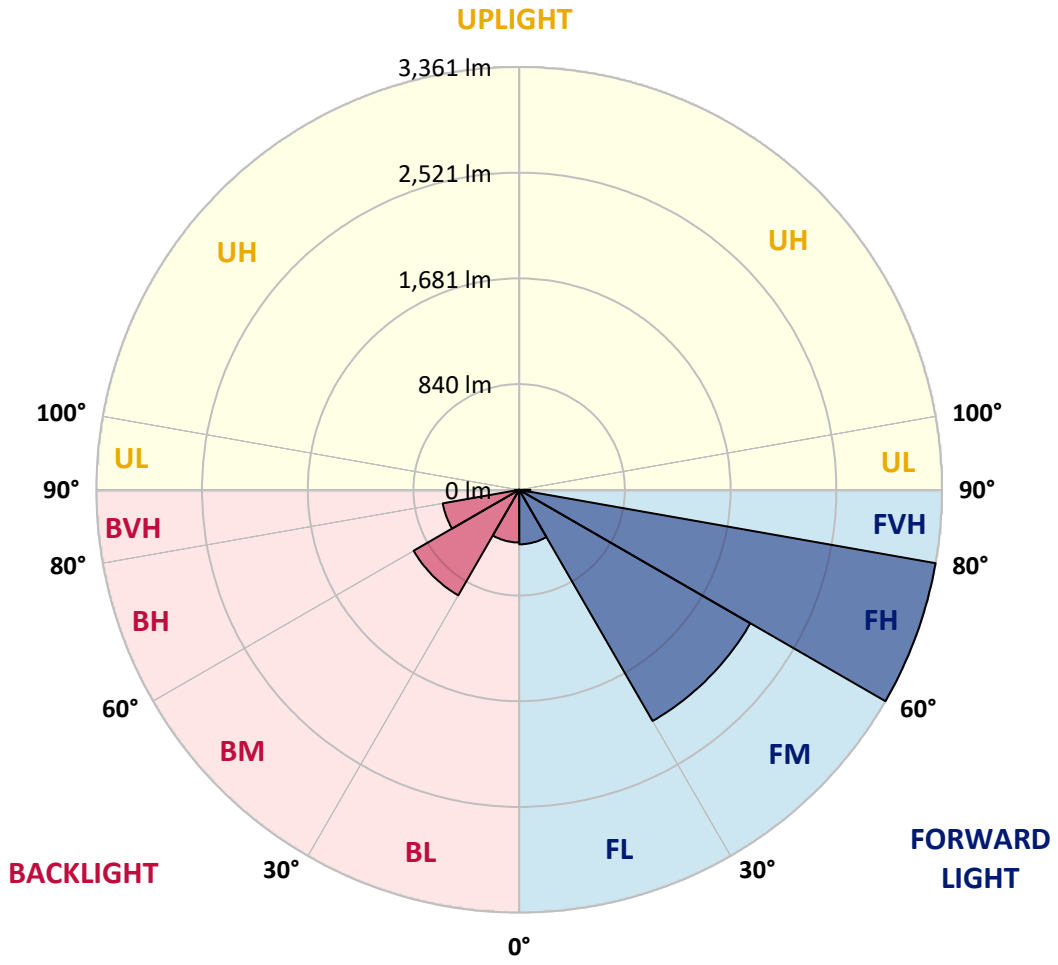
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	433.2	5.4			
FM	(30°-60°)	2121.8	26.4			
FH	(60°-80°)	3361.4	41.8			G2/5000
FVH	(80°-90°)	88.5	1.1			G1/100
BL	(0°-30°)	419.2	5.2	B1/500		
BM	(30°-60°)	968.4	12.0	B1/1000		
BH	(60°-80°)	616.2	7.7	B2/1000		G2/1000
BVH	(80°-90°)	33.7	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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	832.5	832.5	832.5	832.5	832.5	832.5	*832.5*	832.5	832.5	832.5	832.5
2.5°	879.9	872.0	872.0	868.0	864.1	856.2	*848.3*	852.2	844.3	840.4	836.5
5°	958.8	946.9	939.0	931.2	919.3	903.5	*891.7*	883.8	868.0	852.2	844.3
7.5°	1021.9	1021.9	1006.1	998.2	974.6	954.8	*939.0*	927.2	899.6	875.9	860.1
10°	1085.0	1073.2	1065.3	1041.6	1018.0	994.3	*978.5*	966.7	939.0	907.5	883.8
12.5°	1116.6	1116.6	1092.9	1069.2	1045.6	1021.9	*1010.1*	1002.2	974.6	946.9	915.4
15°	1136.3	1128.4	1108.7	1085.0	1061.4	1045.6	*1037.7*	1029.8	1010.1	986.4	943.0
17.5°	1124.5	1116.6	1092.9	1073.2	1057.4	1053.5	*1045.6*	1041.6	1029.8	1010.1	970.6
20°	1096.9	1085.0	1073.2	1053.5	1045.6	1053.5	*1049.5*	1053.5	1045.6	1025.8	994.3
22.5°	1065.3	1057.4	1049.5	1029.8	1033.7	1045.6	*1045.6*	1057.4	1053.5	1045.6	1014.0
25°	1041.6	1041.6	1025.8	1014.0	1021.9	1041.6	*1049.5*	1061.4	1065.3	1057.4	1037.7
27.5°	1037.7	1029.8	1021.9	1010.1	1018.0	1037.7	*1053.5*	1073.2	1085.0	1077.1	1065.3
30°	1041.6	1033.7	1025.8	1021.9	1021.9	1045.6	*1057.4*	1081.1	1104.8	1100.8	1085.0
32.5°	1069.2	1061.4	1053.5	1037.7	1037.7	1057.4	*1069.2*	1100.8	1132.4	1132.4	1108.7
35°	1124.5	1116.6	1100.8	1073.2	1069.2	1081.1	*1092.9*	1124.5	1163.9	1167.9	1140.3
37.5°	1242.9	1235.0	1191.6	1140.3	1112.6	1116.6	*1128.4*	1156.0	1207.3	1211.3	1179.7
40°	1471.7	1448.0	1377.0	1262.6	1187.6	1171.8	*1175.8*	1203.4	1262.6	1266.5	1231.0
42.5°	1724.2	1712.4	1621.6	1455.9	1313.9	1250.7	*1250.7*	1270.5	1345.4	1357.3	1306.0
45°	2016.2	1980.7	1886.0	1680.8	1487.5	1384.9	*1353.3*	1369.1	1444.1	1479.6	1412.5
47.5°	2292.4	2264.8	2150.3	1941.2	1688.7	1554.6	*1507.2*	1507.2	1594.0	1645.3	1570.3
50°	2556.7	2525.2	2395.0	2233.2	1964.9	1763.7	*1704.5*	1684.8	1775.5	1866.2	1779.4
52.5°	2702.7	2686.9	2627.7	2501.5	2272.6	2012.2	*1929.4*	1909.7	2024.1	2106.9	2032.0
55°	2840.8	2832.9	2860.5	2797.4	2623.8	2331.8	*2193.7*	2166.1	2292.4	2410.7	2323.9
57.5°	2986.8	2994.7	3097.3	3140.7	3022.3	2655.4	*2477.8*	2442.3	2635.6	2738.2	2671.1
60°	3152.5	3164.3	3282.7	3483.9	3436.6	3002.6	*2797.4*	2809.2	2986.8	3101.2	3101.2
62.5°	3215.6	3215.6	3491.8	3775.9	3835.1	3373.5	*3176.2*	3180.1	3393.2	3472.1	3472.1
65°	2982.8	3018.4	3381.3	3921.9	4245.4	3807.5	*3645.7*	3606.2	3736.4	3681.2	3732.5
67.5°	2896.0	2931.6	3286.7	3799.6	4529.5	4292.8	*4150.7*	4020.5	3921.9	3768.0	4060.0
70°	2615.9	2690.9	3211.7	3992.9	4643.9	4864.9	*4596.6*	4277.0	4142.8	3981.1	4233.6
72.5°	1803.1	1913.6	2540.9	3760.1	4908.3	4967.5	*5070.0*	4845.1	4509.8	4008.7	3933.7
75°	*587.9*	*647.1*	*1227.1*	*2375.2*	*3996.9*	*4983.2*	*5164.7*	*5054.3*	*4722.8*	*3752.2*	*3148.6*
77.5°	185.4	185.4	323.5	824.6	1838.6	3992.9	*4221.7*	3917.9	3902.2	2497.5	1471.7
80°	102.6	110.5	173.6	295.9	528.7	1641.4	*2221.3*	1704.5	1025.8	560.3	303.8
82.5°	47.3	55.2	90.7	142.0	299.9	240.7	*272.2*	260.4	347.2	181.5	94.7
85°	23.7	27.6	35.5	67.1	130.2	78.9	*82.9*	86.8	130.2	94.7	43.4
87.5°	3.9	3.9	7.9	11.8	23.7	15.8	*15.8*	19.7	23.7	23.7	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-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	832.5	832.5	832.5	832.5	832.5	832.5	832.5	832.5	832.5	832.5	832.5
2.5°	832.5	832.5	828.6	824.6	824.6	820.7	820.7	816.7	820.7	820.7	820.7
5°	836.5	836.5	824.6	820.7	820.7	824.6	824.6	824.6	824.6	832.5	836.5
7.5°	848.3	844.3	836.5	832.5	840.4	840.4	844.3	856.2	852.2	864.1	864.1
10°	875.9	868.0	856.2	856.2	864.1	868.0	872.0	879.9	887.8	891.7	895.6
12.5°	903.5	891.7	883.8	883.8	891.7	899.6	907.5	911.4	923.3	927.2	927.2
15°	931.2	923.3	915.4	915.4	927.2	935.1	943.0	954.8	958.8	970.6	974.6
17.5°	958.8	954.8	946.9	954.8	962.7	978.5	986.4	998.2	1006.1	1006.1	1014.0
20°	986.4	982.4	986.4	994.3	1006.1	1021.9	1033.7	1033.7	1037.7	1037.7	1045.6
22.5°	1006.1	1006.1	1021.9	1021.9	1045.6	1057.4	1053.5	1053.5	1061.4	1061.4	1061.4
25°	1029.8	1041.6	1057.4	1045.6	1065.3	1065.3	1069.2	1069.2	1065.3	1073.2	1065.3
27.5°	1061.4	1073.2	1085.0	1061.4	1069.2	1065.3	1077.1	1073.2	1069.2	1081.1	1081.1
30°	1092.9	1104.8	1104.8	1065.3	1045.6	1041.6	1061.4	1069.2	1077.1	1089.0	1092.9
32.5°	1116.6	1136.3	1112.6	1049.5	990.3	1006.1	1025.8	1053.5	1073.2	1089.0	1096.9
35°	1152.1	1167.9	1120.5	1006.1	943.0	954.8	990.3	1025.8	1045.6	1057.4	1069.2
37.5°	1191.6	1211.3	1116.6	946.9	887.8	895.6	935.1	970.6	986.4	998.2	1018.0
40°	1238.9	1258.6	1108.7	891.7	836.5	832.5	860.1	872.0	887.8	911.4	939.0
42.5°	1313.9	1329.7	1120.5	840.4	773.3	769.4	753.6	741.8	753.6	757.5	765.4
45°	1420.4	1428.3	1140.3	804.9	722.0	702.3	639.2	611.6	591.8	556.3	576.1
47.5°	1570.3	1574.3	1167.9	769.4	678.6	623.4	552.4	501.1	449.8	414.3	418.2
50°	1787.3	1791.3	1195.5	726.0	619.5	540.5	477.4	426.1	382.7	351.2	351.2
52.5°	2071.4	2063.5	1231.0	662.9	540.5	469.5	422.2	378.8	343.3	319.6	319.6
55°	2418.6	2462.0	1306.0	576.1	457.7	422.2	386.7	355.1	323.5	303.8	299.9
57.5°	2848.7	2935.5	1404.6	493.2	402.4	386.7	363.0	335.4	307.8	284.1	284.1
60°	3409.0	3460.3	1483.5	414.3	359.0	359.0	343.3	319.6	284.1	256.5	252.5
62.5°	3973.2	3874.5	1337.5	359.0	327.5	335.4	319.6	288.0	272.2	260.4	260.4
65°	4383.5	4107.3	962.7	319.6	303.8	319.6	295.9	299.9	288.0	280.1	280.1
67.5°	4750.5	4261.2	615.5	292.0	280.1	299.9	315.6	319.6	299.9	272.2	268.3
70°	4600.5	3799.6	335.4	256.5	260.4	284.1	355.1	311.7	276.2	256.5	248.6
72.5°	3835.1	2982.8	252.5	224.9	224.9	268.3	327.5	288.0	248.6	236.7	232.8
75°	*2580.4*	*1779.4*	*197.3*	*189.4*	*193.3*	*217.0*	*288.0*	*264.4*	*236.7*	*268.3*	*272.2*
77.5°	1041.6	647.1	157.8	149.9	142.0	181.5	260.4	244.6	213.1	224.9	193.3
80°	288.0	193.3	114.4	106.5	102.6	146.0	213.1	189.4	149.9	157.8	138.1
82.5°	98.6	86.8	82.9	71.0	67.1	94.7	142.0	122.3	110.5	98.6	98.6
85°	39.5	43.4	43.4	39.5	35.5	51.3	94.7	75.0	75.0	59.2	59.2
87.5°	19.7	19.7	15.8	11.8	11.8	15.8	27.6	11.8	11.8	11.8	11.8
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

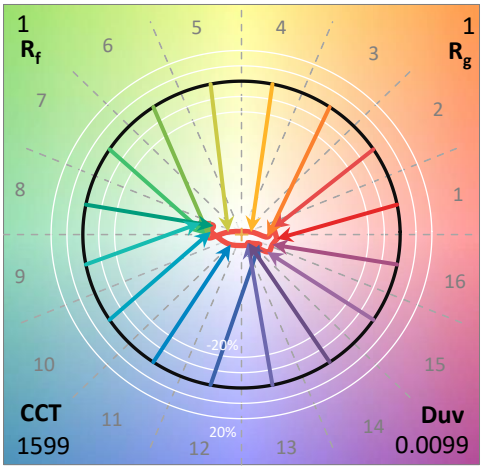
Test Information

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

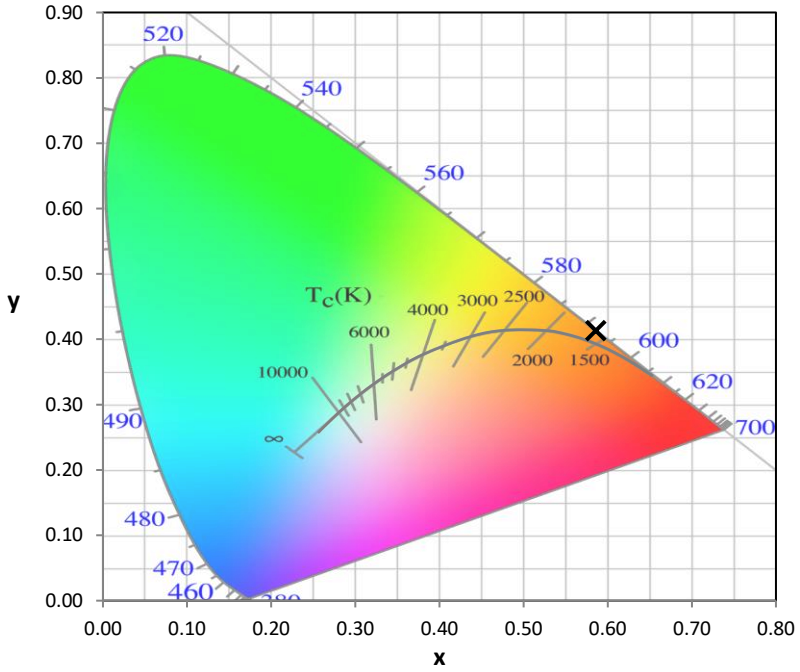
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

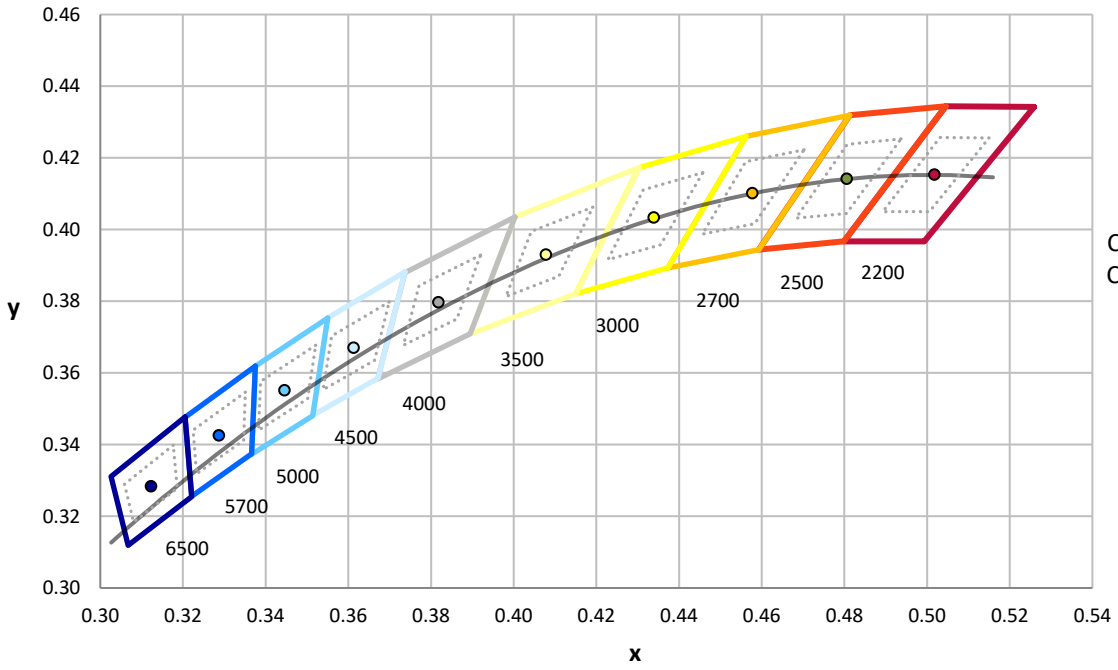
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

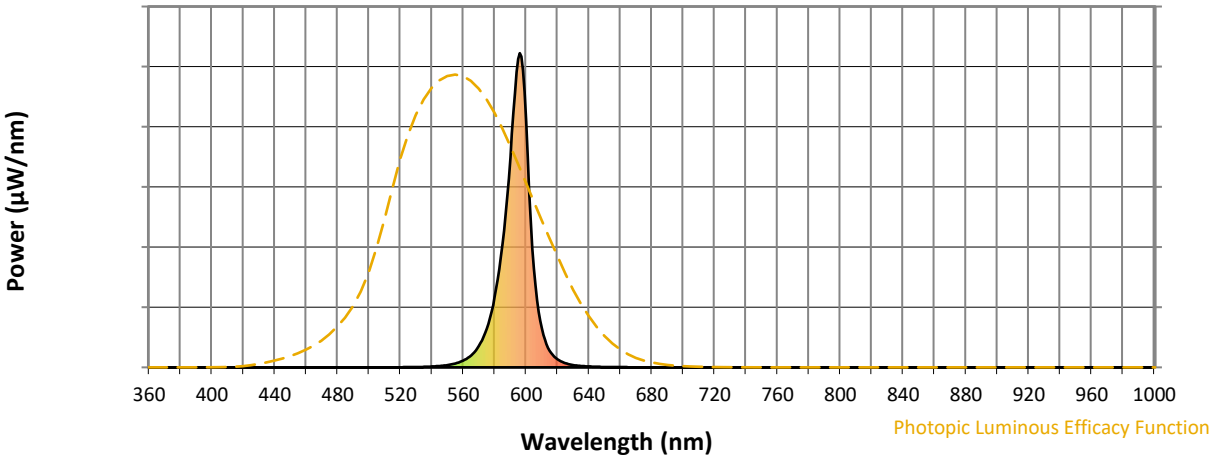


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

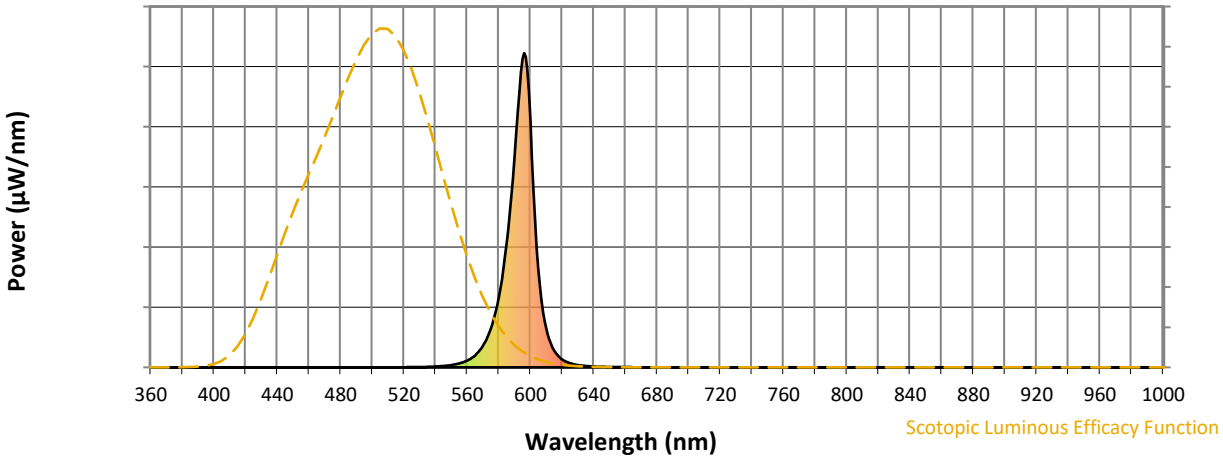


Photopic Lumens: NR

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

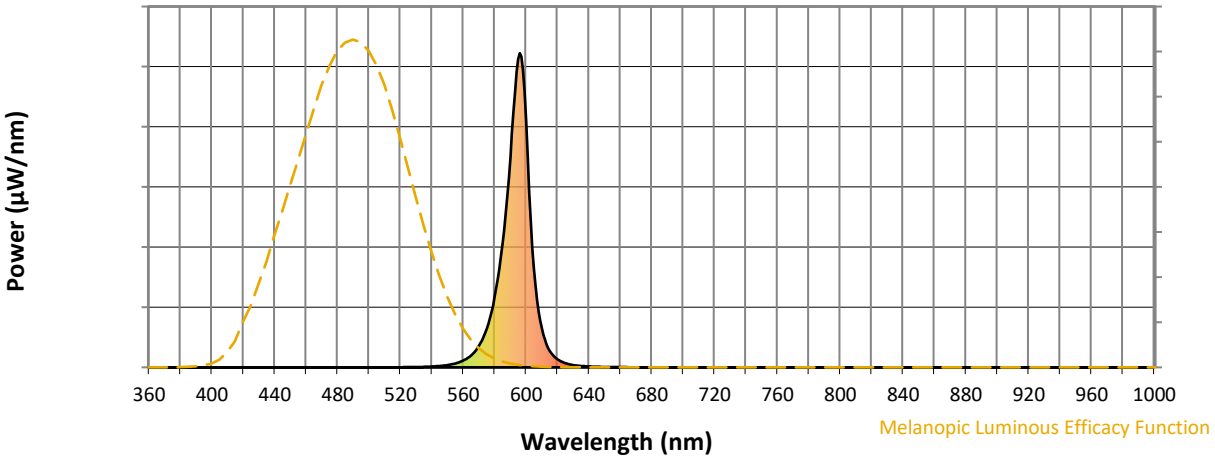


Scotopic Lumens: NR **S/P: 0.23**

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			

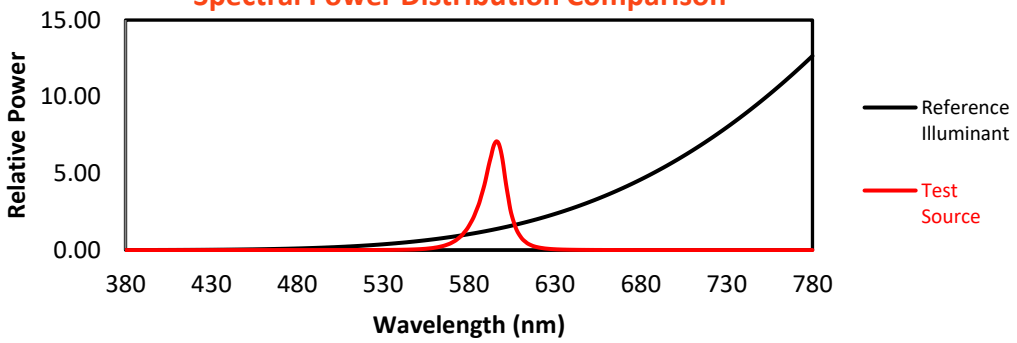
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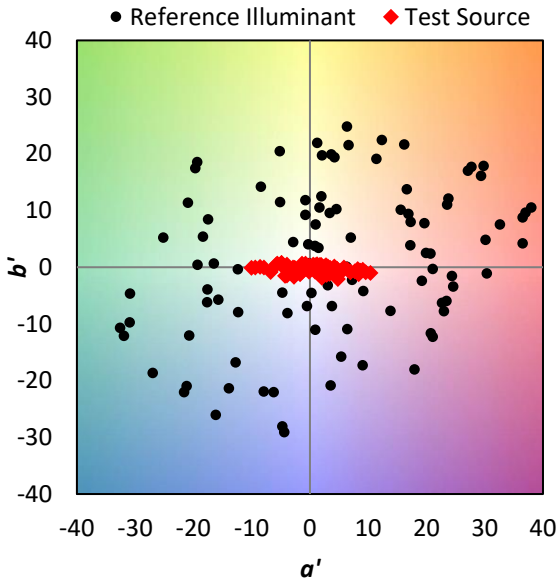
Summary

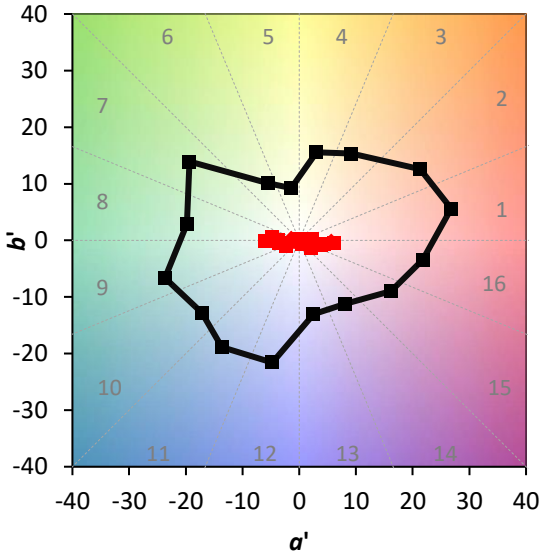
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

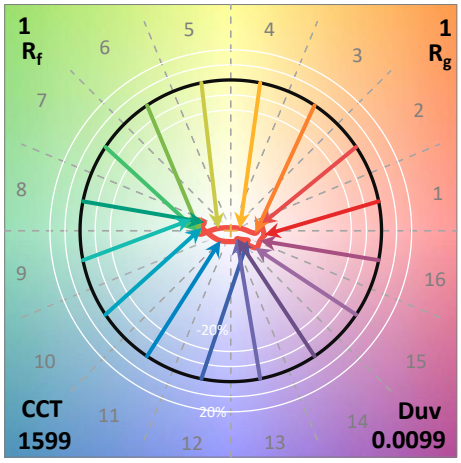
Spectral Power Distribution Comparison

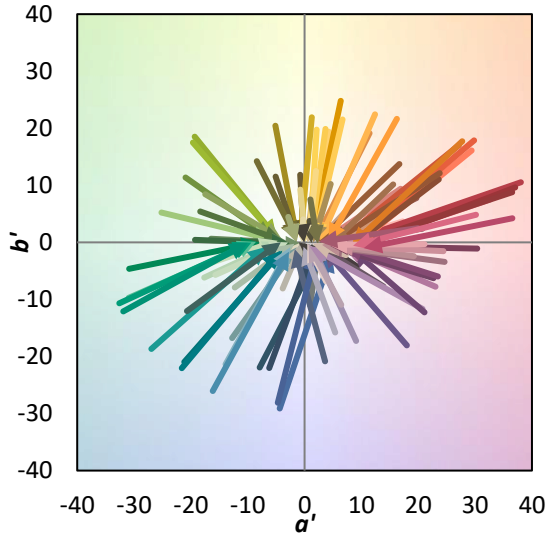


Color Vector Graphics







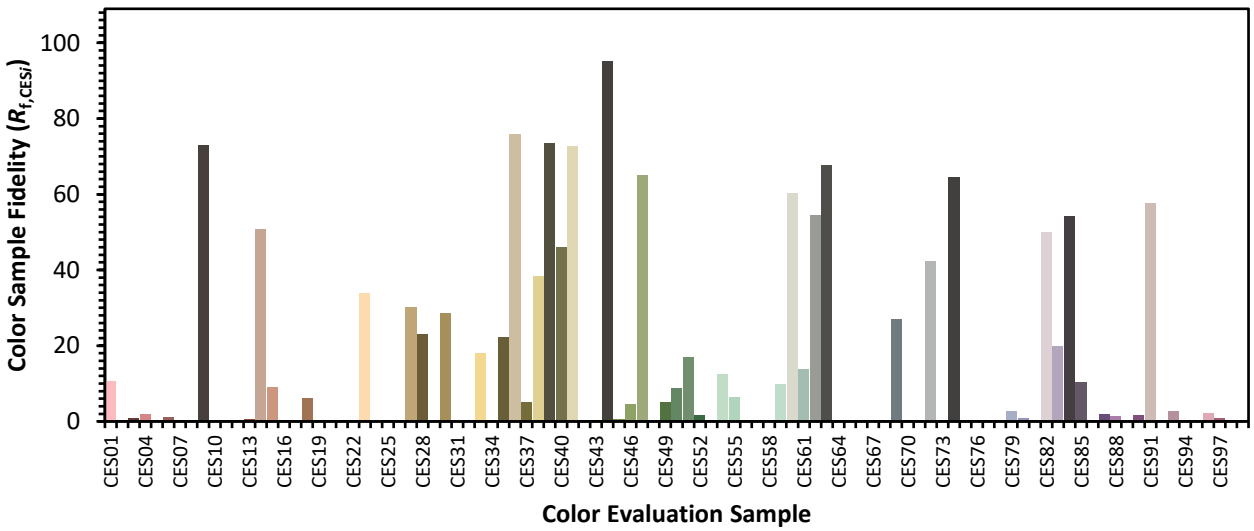


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Individual Sample Fidelity Index ($R_{f,i}$)

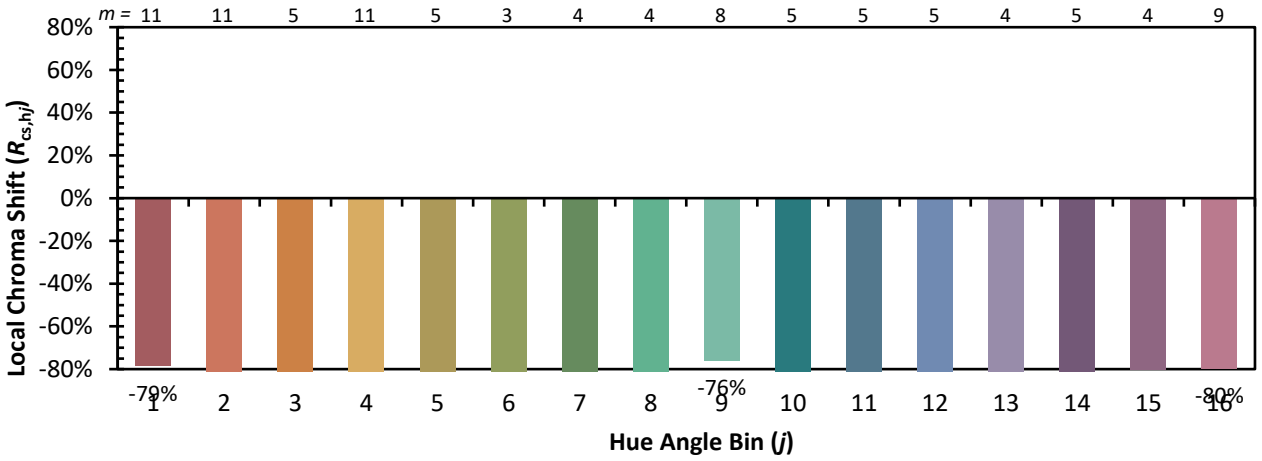
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

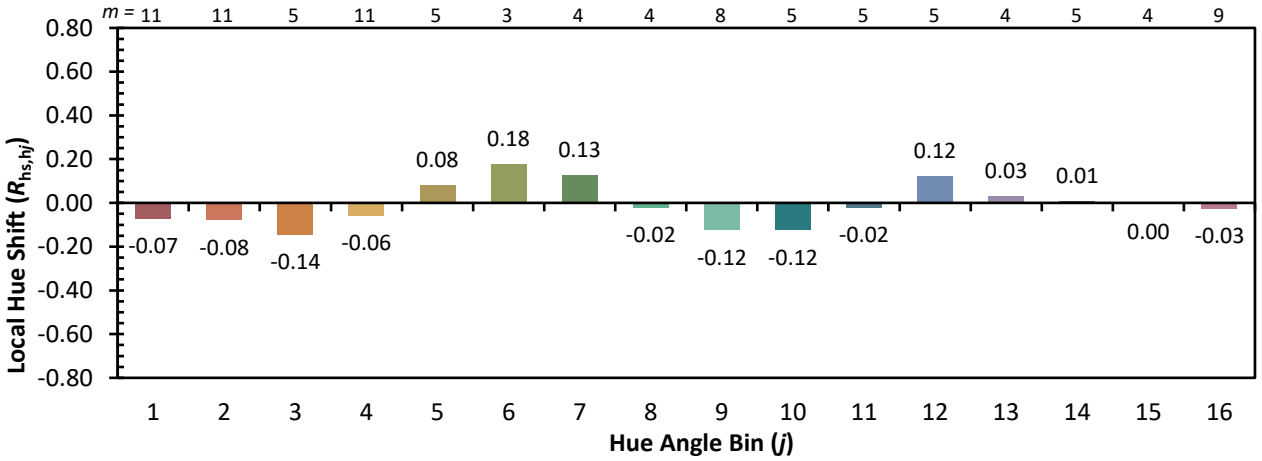


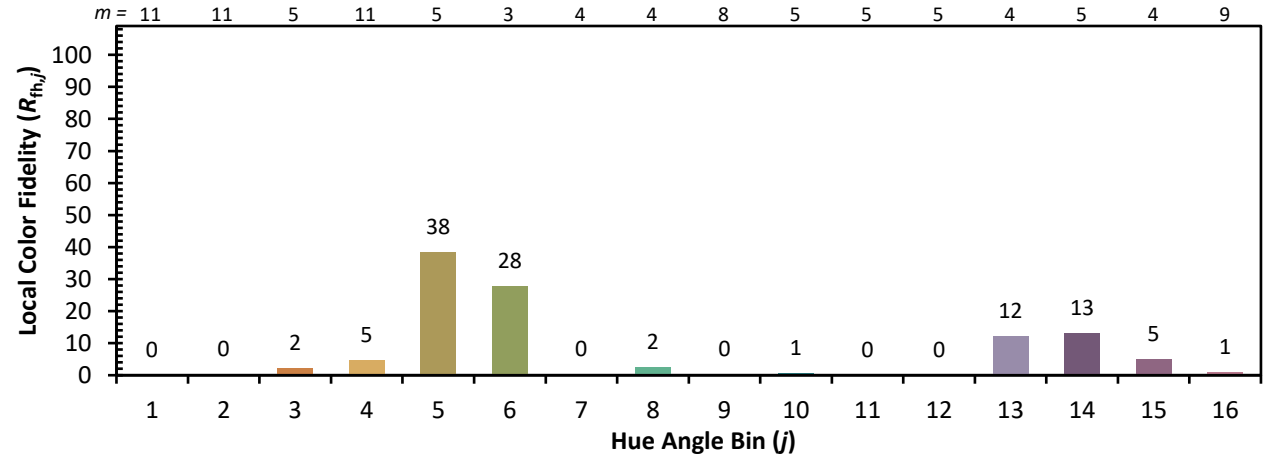
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Color Rendition by Hue-Angle Bin



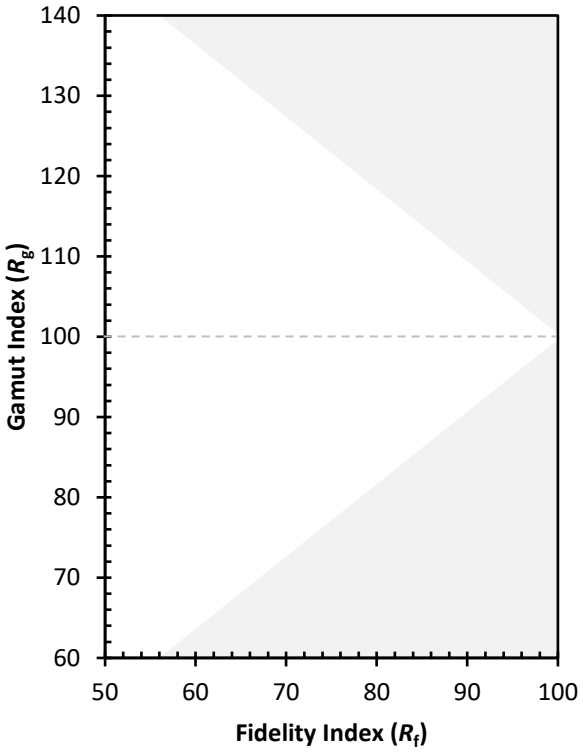


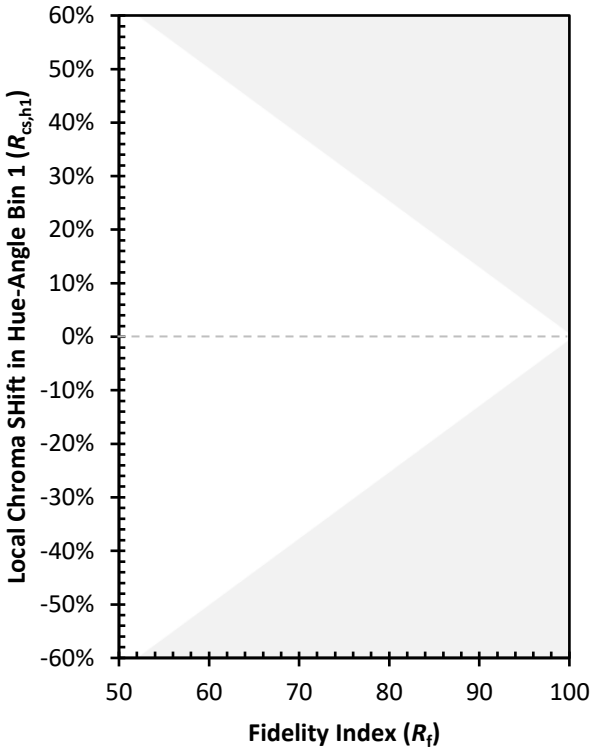


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Measure Comparisons





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