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-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:	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-T2U
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 URBAN DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8375.2 lumens
Efficiency:	N/A
Efficacy:	64.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
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

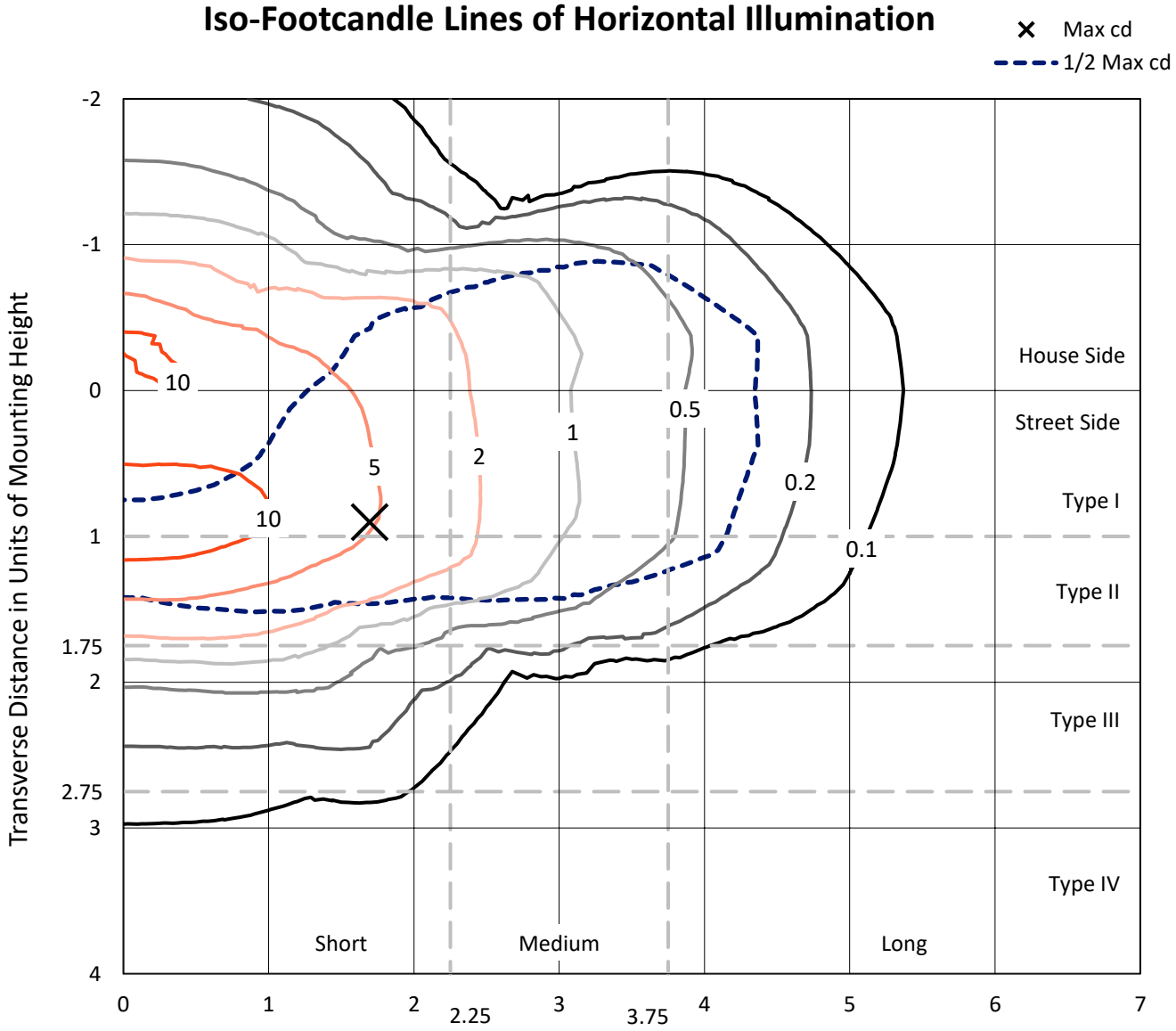


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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



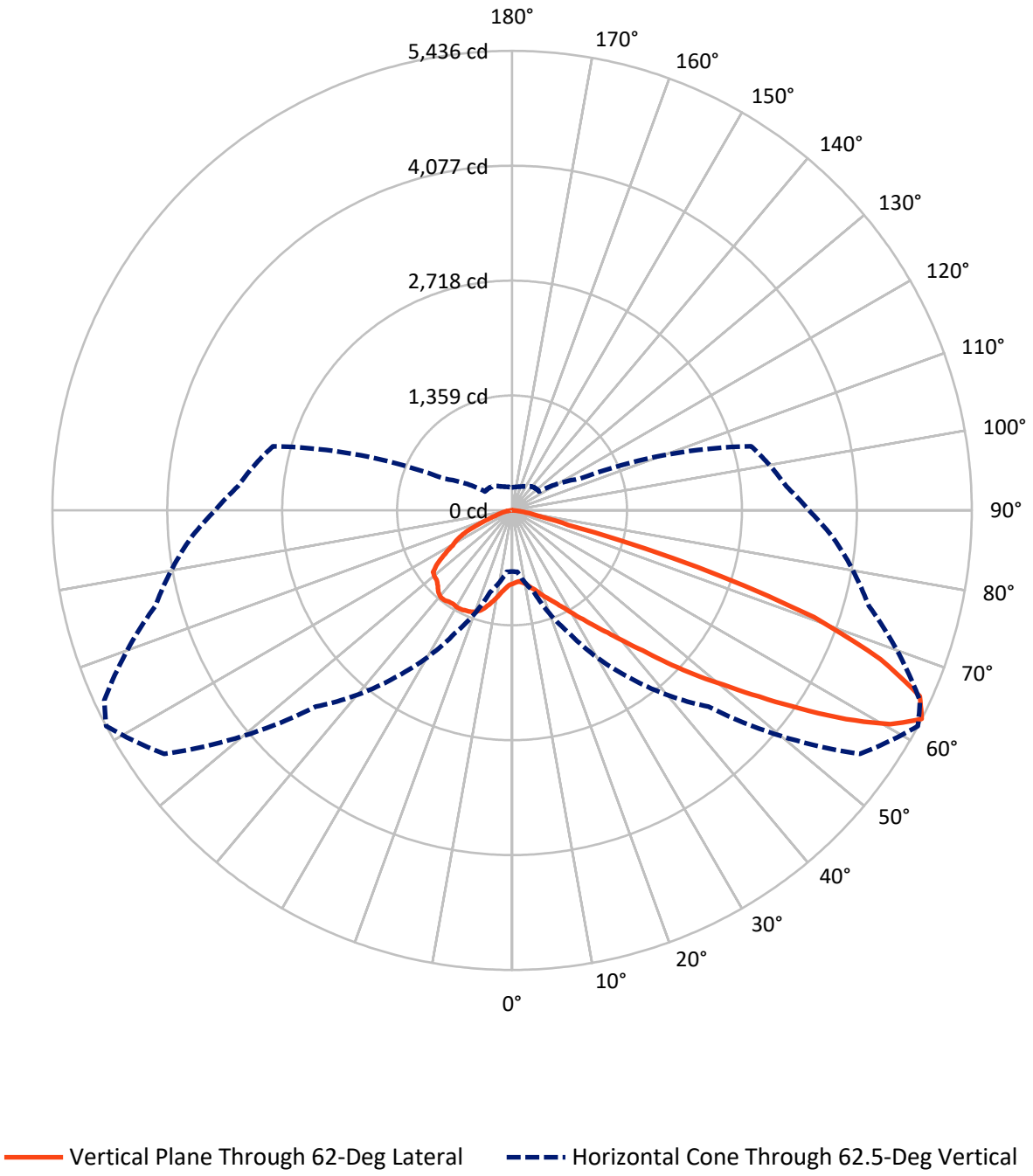
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
Type II - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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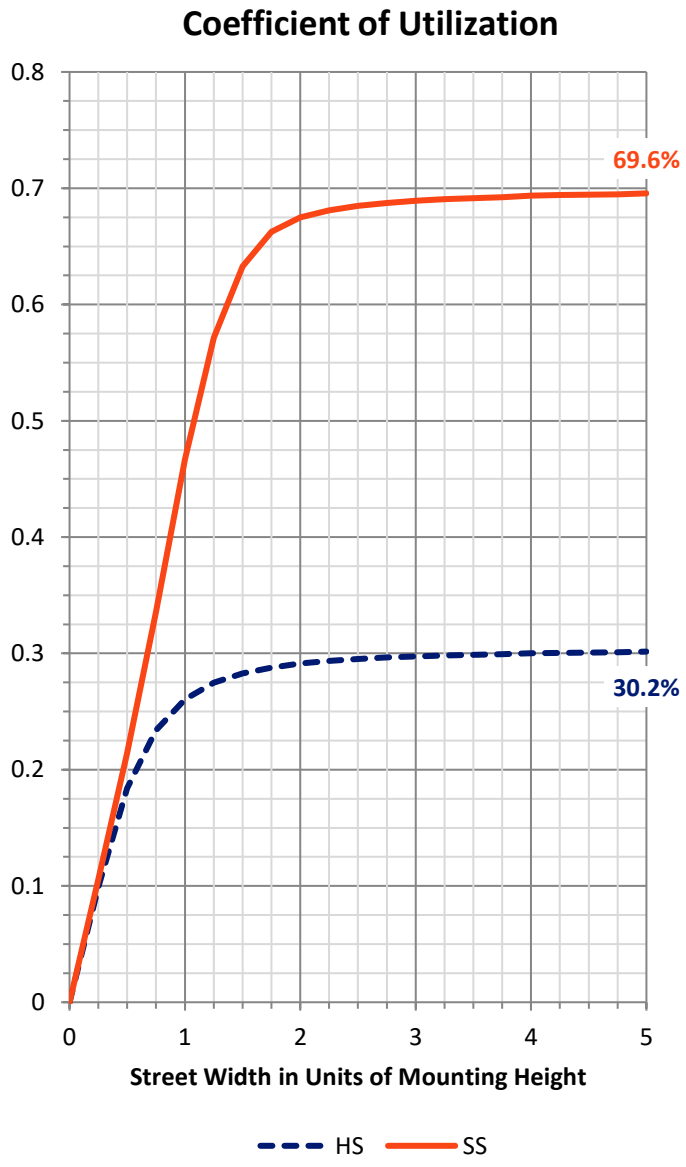
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2541.5	0.0	2541.5
	% Fixture	30.3	0.0	30.3
Street Side	Lumens	5833.7	0.0	5833.7
	% Fixture	69.7	0.0	69.7
Total	Lumens	8375.2	0.0	8375.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	1.0
10°-20°	302.5	3.6
20°-30°	586.4	7.0
30°-40°	949.6	11.3
40°-50°	1570.5	18.8
50°-60°	2088.5	24.9
60°-70°	1769.9	21.1
70°-80°	940.4	11.2
80°-90°	80.6	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°	8375.2	100.0
0°-180°	8375.2	100.0



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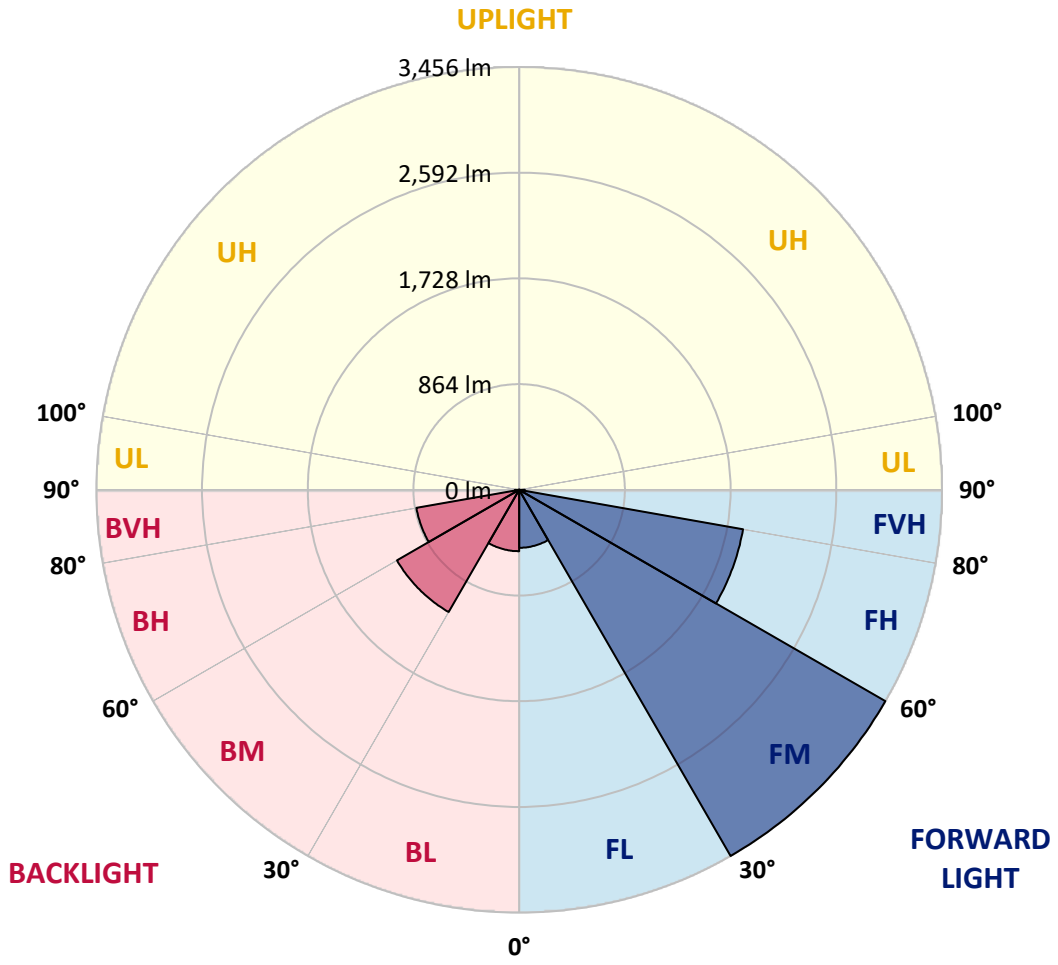
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	473.8	5.7			
FM	(30°-60°)	3455.8	41.3			
FH	(60°-80°)	1857.7	22.2			G2/5000
FVH	(80°-90°)	46.4	0.6			G1/100
BL	(0°-30°)	501.8	6.0	B2/1000		
BM	(30°-60°)	1152.9	13.8	B2/2500		
BH	(60°-80°)	852.5	10.2	B2/1000		G2/1000
BVH	(80°-90°)	34.3	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 II Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	867.9	867.9	867.9	867.9	867.9	867.9	867.9	*867.9*	867.9	867.9	867.9
2.5°	844.2	840.3	840.3	840.3	840.3	848.2	848.2	*852.1*	860.0	863.9	867.9
5°	816.6	812.7	812.7	816.6	824.5	828.4	844.2	*844.2*	856.0	871.8	883.7
7.5°	820.5	816.6	816.6	820.5	824.5	832.4	848.2	*860.0*	863.9	887.6	911.3
10°	844.2	844.2	844.2	844.2	848.2	856.0	871.8	*883.7*	891.6	919.2	950.7
12.5°	887.6	883.7	887.6	883.7	887.6	891.6	907.3	*927.1*	938.9	966.5	998.1
15°	938.9	934.9	938.9	934.9	934.9	934.9	958.6	*966.5*	982.3	1021.7	1053.3
17.5°	1006.0	998.1	1002.0	990.2	986.2	986.2	1002.0	*1021.7*	1037.5	1084.9	1116.4
20°	1069.1	1065.1	1057.2	1053.3	1045.4	1045.4	1057.2	*1084.9*	1096.7	1155.9	1175.6
22.5°	1136.1	1136.1	1120.4	1120.4	1112.5	1116.4	1128.2	*1144.0*	1159.8	1226.9	1242.6
25°	1254.5	1246.6	1219.0	1195.3	1191.4	1195.3	1207.1	*1219.0*	1234.8	1305.8	1305.8
27.5°	1459.6	1455.7	1404.4	1345.2	1290.0	1286.0	1301.8	*1305.8*	1329.4	1388.6	1376.8
30°	1755.5	1723.9	1660.8	1578.0	1455.7	1400.4	1408.3	*1416.2*	1432.0	1483.3	1459.6
32.5°	2039.5	2019.8	1948.8	1842.3	1692.4	1566.1	1526.7	*1534.6*	1546.4	1593.7	1550.4
35°	2390.6	2378.8	2299.9	2153.9	1960.6	1771.3	1688.4	*1676.6*	1688.4	1716.0	1652.9
37.5°	2777.2	2741.7	2670.7	2501.1	2268.3	2023.7	1877.8	*1834.4*	1846.2	1865.9	1779.2
40°	3175.7	3171.7	3088.9	2942.9	2631.3	2335.4	2114.5	*2035.6*	2027.7	2047.4	1937.0
42.5°	3546.5	3530.7	3471.5	3353.2	3088.9	2722.0	2406.4	*2264.4*	2248.6	2228.9	2106.6
45°	3759.5	3755.6	3767.4	3763.4	3574.1	3211.2	2781.2	*2568.1*	2516.9	2461.6	2303.8
47.5°	3771.3	3775.3	3889.7	4019.9	3980.4	3779.2	3195.4	*2899.5*	2824.6	2690.4	2512.9
50°	3526.8	3542.5	3787.1	4106.7	4292.1	4307.8	3708.2	*3242.7*	3136.2	2950.8	2745.7
52.5°	3163.8	3155.9	3428.1	3885.7	4426.2	4718.1	4201.3	*3660.9*	3491.2	3226.9	2974.5
55°	2651.0	2690.4	3045.5	3424.2	4193.4	4982.4	4694.4	*4138.2*	3948.9	3534.6	3230.9
57.5°	2063.2	2118.4	2528.7	3017.9	3633.3	4797.0	4970.6	*4658.9*	4445.9	3854.2	3499.1
60°	1199.3	1254.5	1716.0	2418.2	3120.4	4138.2	5124.4	*5136.3*	4919.3	4181.6	3731.9
62.5°	*721.9*	*729.8*	*998.1*	*1605.6*	*2414.3*	*3282.2*	*5021.9*	*5436.1*	*5321.7*	*4367.0*	*3818.7*
65°	445.8	453.7	583.8	942.8	1510.9	2280.2	4363.1	*5298.0*	5207.3	4232.9	3668.8
67.5°	362.9	366.9	426.1	587.8	1017.8	1096.7	2954.7	*4702.3*	4931.1	4110.6	3617.5
70°	343.2	343.2	347.2	410.3	749.5	650.9	1491.2	*3787.1*	4434.1	4004.1	3503.1
72.5°	280.1	284.0	315.6	311.6	524.7	461.6	433.9	*2292.0*	3301.9	3960.7	3432.1
75°	193.3	197.2	228.8	284.0	323.5	315.6	319.5	*690.4*	1881.7	3735.8	3392.6
77.5°	138.1	142.0	165.7	201.2	224.9	209.1	260.4	*315.6*	465.5	2248.6	2564.2
80°	90.7	94.7	110.5	138.1	165.7	126.2	149.9	*205.1*	213.0	875.8	1270.3
82.5°	47.3	51.3	59.2	78.9	94.7	82.8	67.1	*102.6*	122.3	244.6	232.7
85°	15.8	15.8	23.7	27.6	35.5	39.4	31.6	*47.3*	51.3	78.9	55.2
87.5°	3.9	3.9	3.9	3.9	3.9	7.9	11.8	*11.8*	15.8	15.8	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-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9
2.5°	871.8	875.8	879.7	879.7	887.6	891.6	895.5	899.4	899.4	903.4	907.3
5°	883.7	895.5	907.3	919.2	923.1	938.9	938.9	950.7	946.8	950.7	954.7
7.5°	919.2	931.0	950.7	966.5	978.3	986.2	990.2	1002.0	1006.0	1006.0	1002.0
10°	962.6	982.3	1006.0	1029.6	1045.4	1057.2	1057.2	1061.2	1065.1	1061.2	1061.2
12.5°	1017.8	1037.5	1065.1	1096.7	1116.4	1120.4	1124.3	1116.4	1100.6	1084.9	1084.9
15°	1073.0	1096.7	1132.2	1159.8	1179.5	1183.5	1151.9	1120.4	1112.5	1108.5	1100.6
17.5°	1132.2	1151.9	1191.4	1226.9	1242.6	1203.2	1167.7	1171.6	1187.4	1195.3	1187.4
20°	1179.5	1199.3	1242.6	1270.3	1274.2	1211.1	1219.0	1262.4	1270.3	1266.3	1266.3
22.5°	1238.7	1250.5	1274.2	1301.8	1278.2	1246.6	1301.8	1301.8	1290.0	1270.3	1274.2
25°	1293.9	1290.0	1305.8	1317.6	1270.3	1309.7	1309.7	1278.2	1242.6	1234.8	1238.7
27.5°	1349.2	1325.5	1317.6	1325.5	1293.9	1305.8	1258.4	1203.2	1171.6	1159.8	1167.7
30°	1412.3	1368.9	1329.4	1313.7	1329.4	1250.5	1151.9	1088.8	1053.3	1041.5	1045.4
32.5°	1483.3	1420.2	1333.4	1313.7	1293.9	1132.2	1002.0	907.3	907.3	923.1	927.1
35°	1581.9	1491.2	1349.2	1349.2	1226.9	978.3	789.0	769.3	769.3	777.1	781.1
37.5°	1676.6	1570.1	1368.9	1412.3	1136.1	800.8	666.7	643.0	623.3	603.6	615.4
40°	1814.7	1672.6	1420.2	1455.7	1033.6	654.9	603.6	568.1	528.6	504.9	516.8
42.5°	1980.3	1802.8	1487.2	1463.6	923.1	603.6	576.0	540.5	497.1	461.6	477.3
45°	2126.3	1940.9	1589.8	1451.7	789.0	595.7	587.8	548.3	489.2	457.6	469.4
47.5°	2315.7	2090.8	1708.1	1443.8	682.5	647.0	607.5	532.6	465.5	433.9	441.8
50°	2532.6	2272.3	1858.1	1428.1	686.4	670.6	591.7	493.1	418.2	378.7	382.7
52.5°	2745.7	2465.6	2067.1	1388.6	714.0	658.8	536.5	418.2	378.7	366.9	362.9
55°	2974.5	2666.8	2284.1	1258.4	670.6	576.0	437.9	390.5	362.9	343.2	343.2
57.5°	3219.0	2887.7	2520.8	1096.7	587.8	493.1	398.4	362.9	343.2	327.4	327.4
60°	3432.1	3132.3	2749.6	966.5	465.5	414.2	370.8	339.3	315.6	303.8	299.8
62.5°	*3511.0*	*3254.6*	*2927.1*	*883.7*	*390.5*	*378.7*	*351.1*	*311.6*	*288.0*	*276.1*	*272.2*
65°	3416.3	3278.2	2946.8	749.5	335.3	335.3	319.5	284.0	260.4	244.6	244.6
67.5°	3459.7	3455.7	3136.2	544.4	291.9	291.9	288.0	248.5	228.8	217.0	217.0
70°	3388.7	3538.6	3084.9	327.4	236.7	244.6	240.6	217.0	197.2	189.4	189.4
72.5°	3384.7	3688.5	2907.4	213.0	193.3	201.2	197.2	185.4	165.7	161.7	157.8
75°	3345.3	3720.1	2473.5	169.6	153.9	157.8	161.7	157.8	138.1	138.1	134.1
77.5°	2528.7	2509.0	1341.3	130.2	118.3	122.3	130.2	126.2	110.5	126.2	106.5
80°	1376.8	1282.1	402.4	86.8	82.8	90.7	94.7	90.7	78.9	94.7	75.0
82.5°	280.1	335.3	122.3	55.2	51.3	55.2	59.2	51.3	43.4	39.4	35.5
85°	43.4	51.3	47.3	31.6	23.7	23.7	27.6	19.7	15.8	11.8	11.8
87.5°	19.7	19.7	15.8	11.8	7.9	3.9	3.9	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

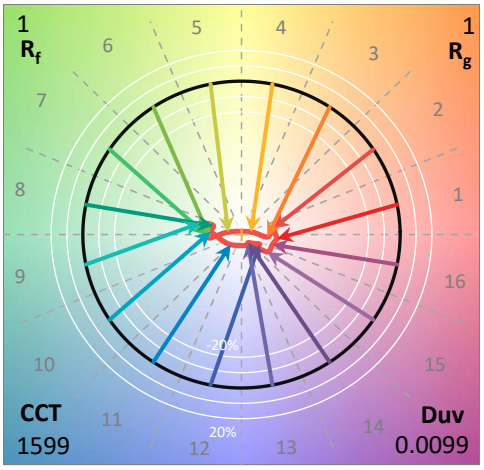
Test Information

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

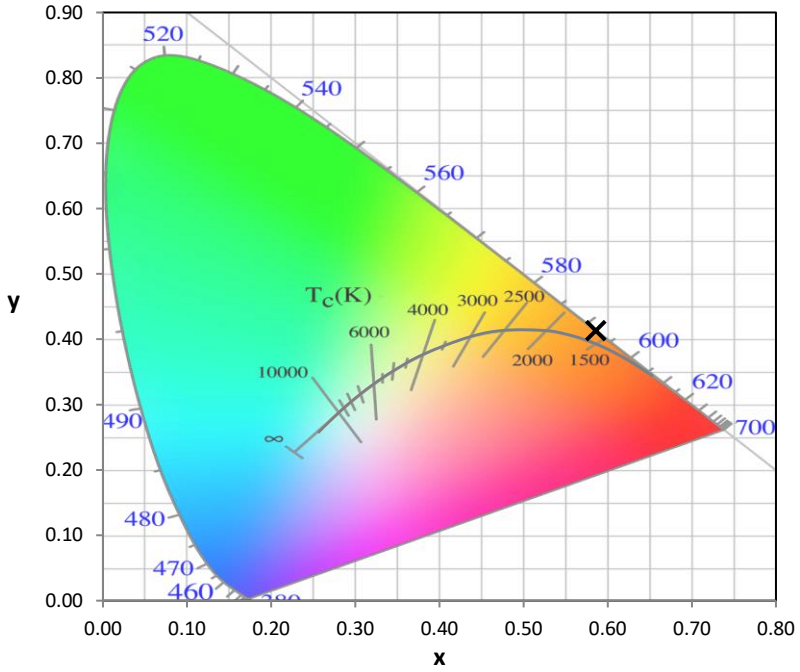
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

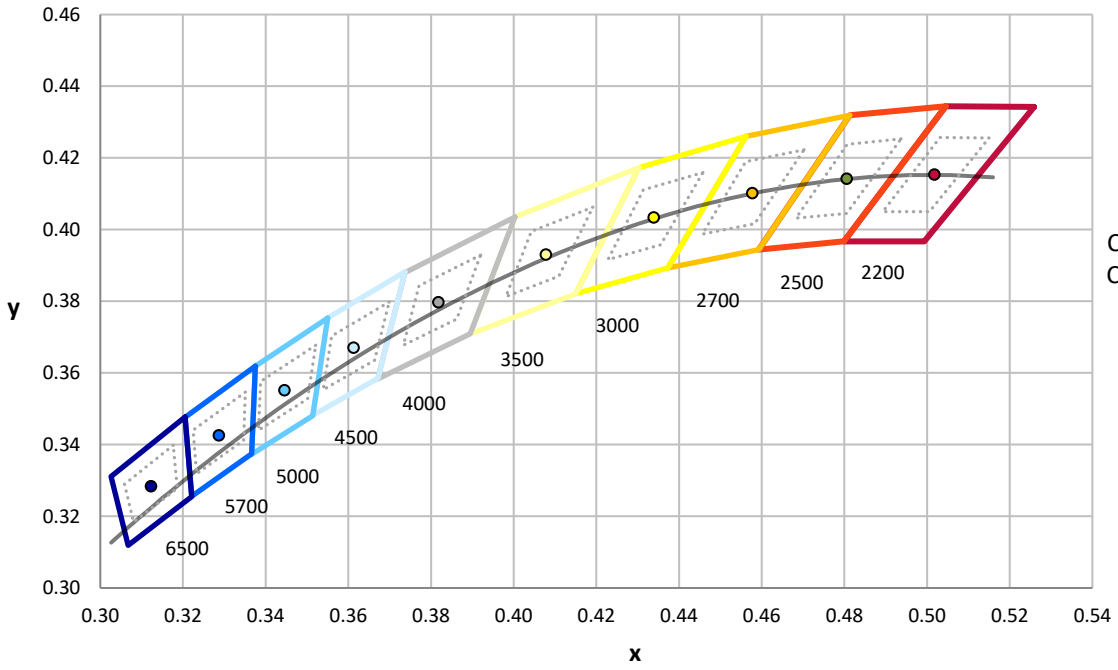
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

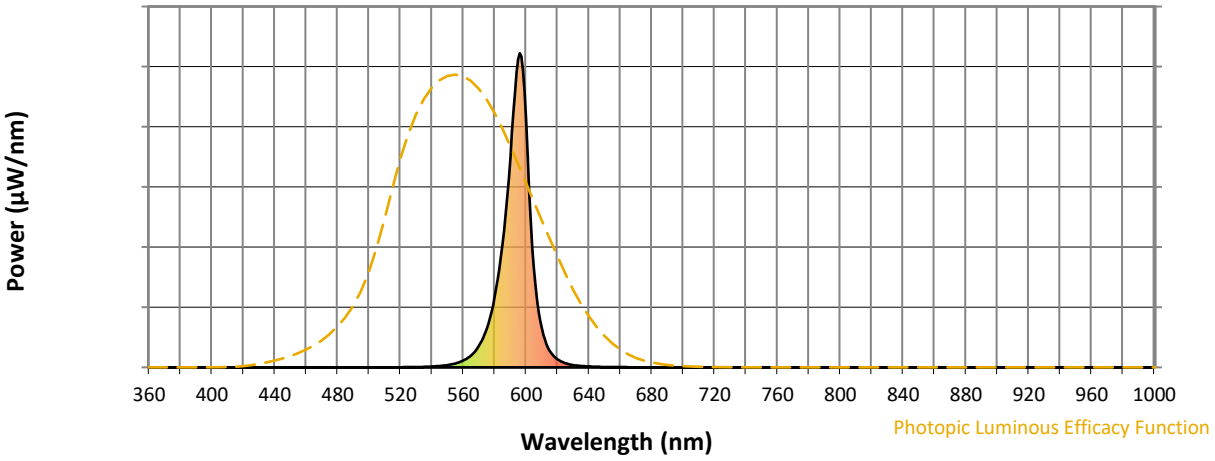


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

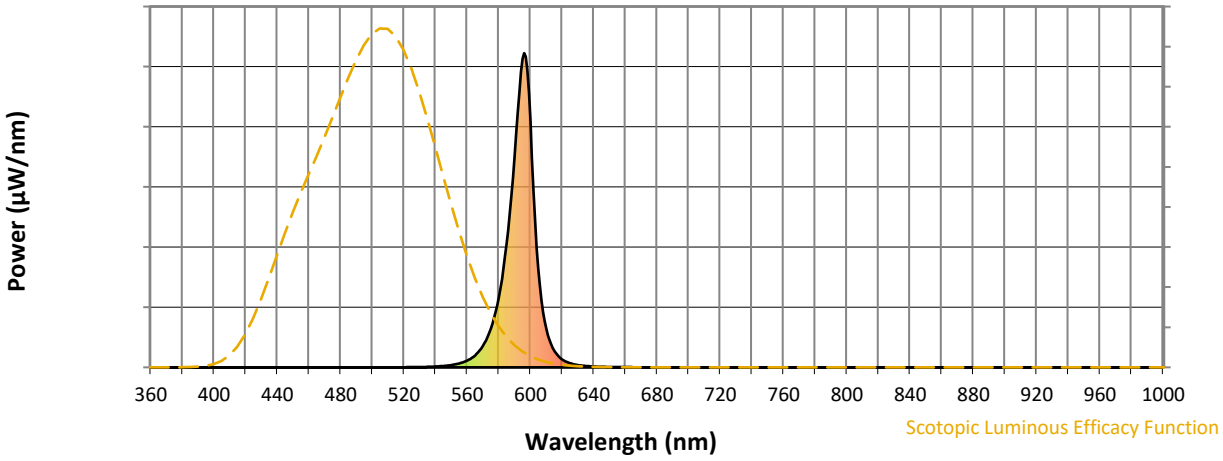


Photopic Lumens: NR

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

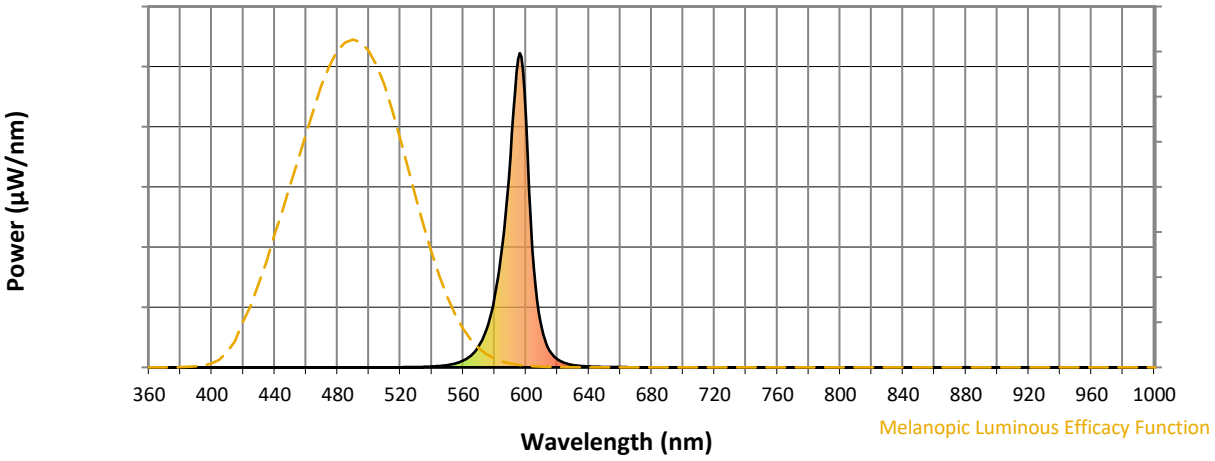


Scotopic Lumens: NR **S/P: 0.23**

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			

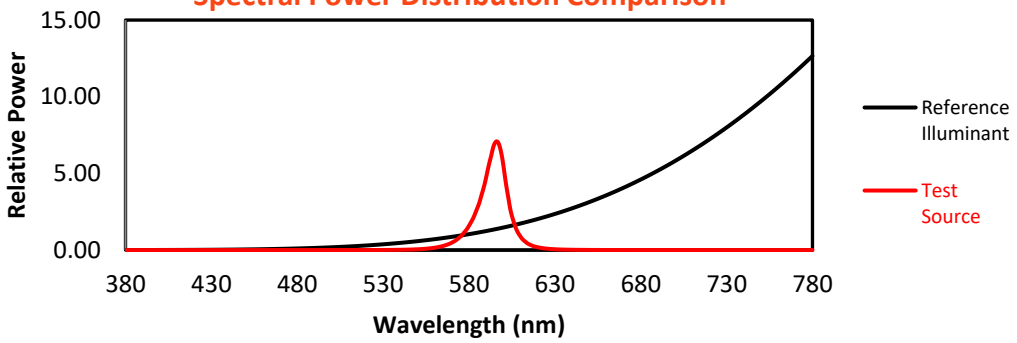
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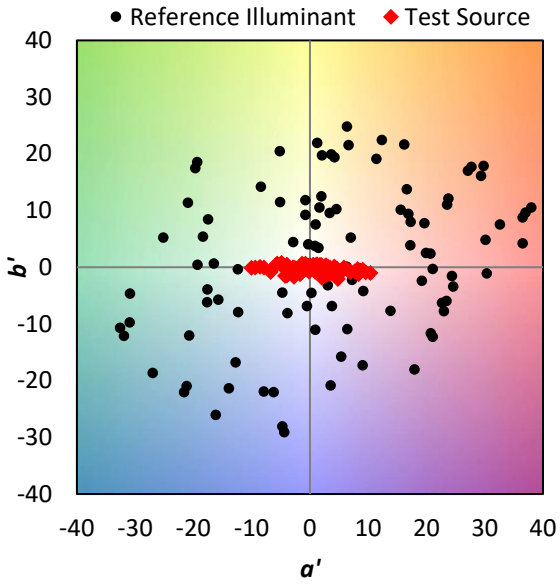
Summary

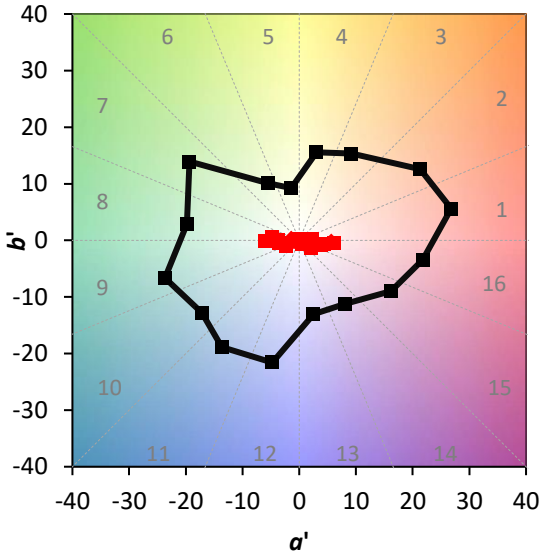
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

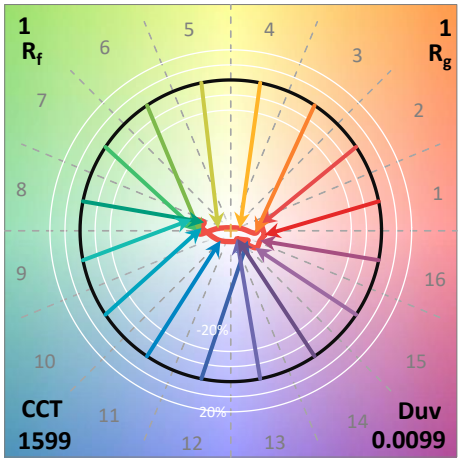
Spectral Power Distribution Comparison

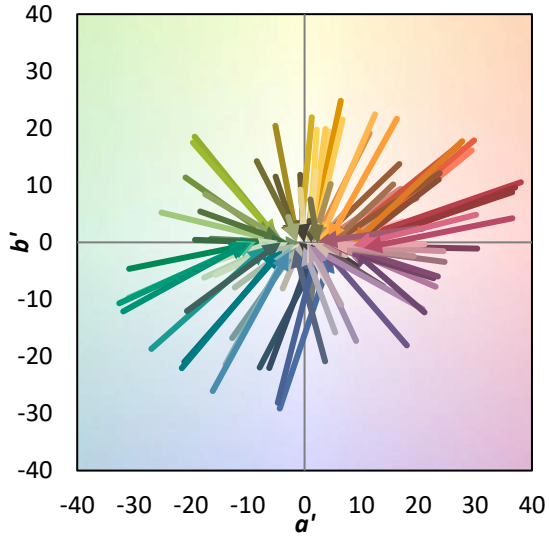


Color Vector Graphics







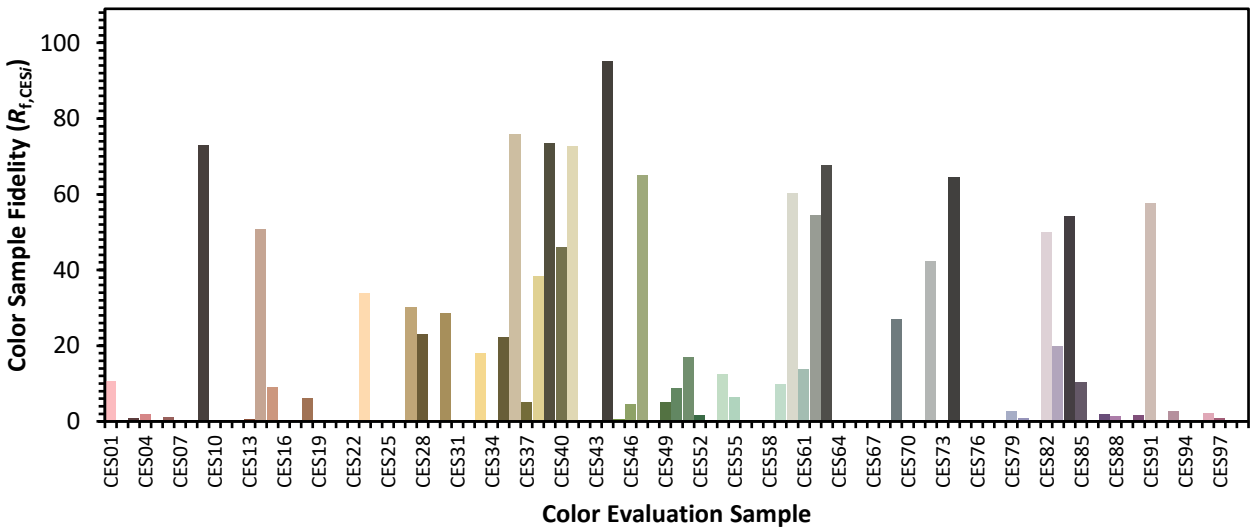


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Individual Sample Fidelity Index ($R_{f,i}$)

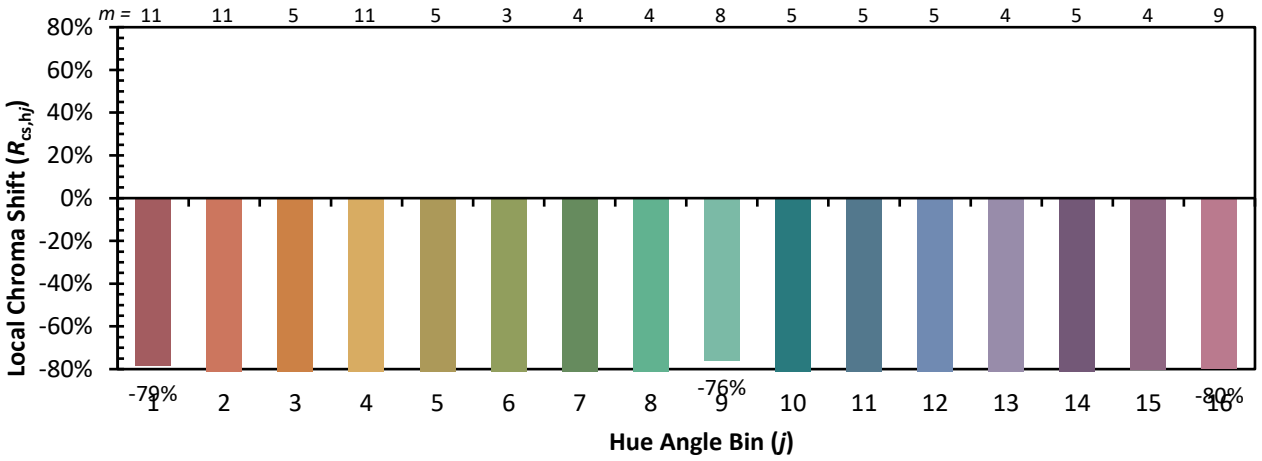
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

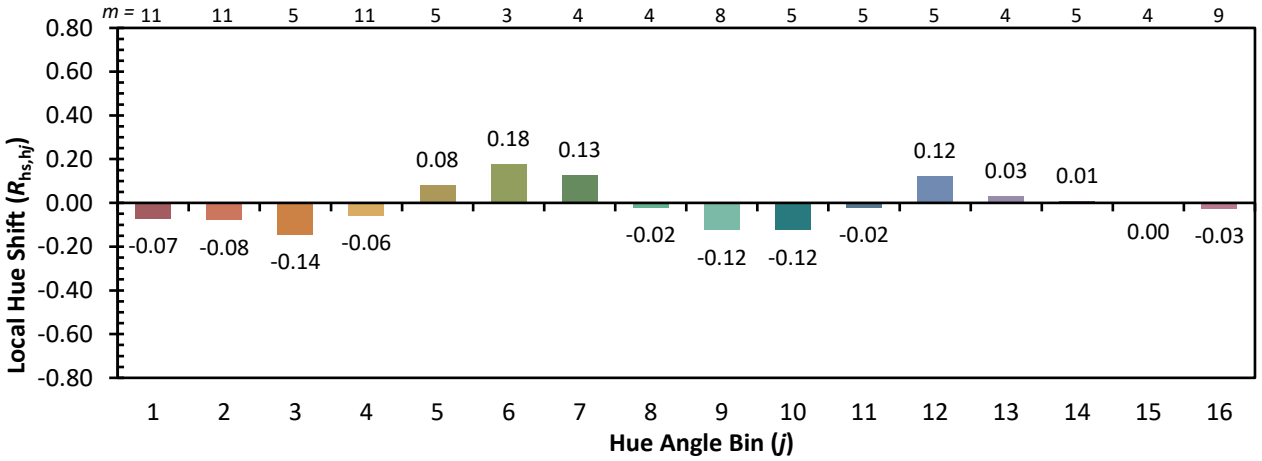


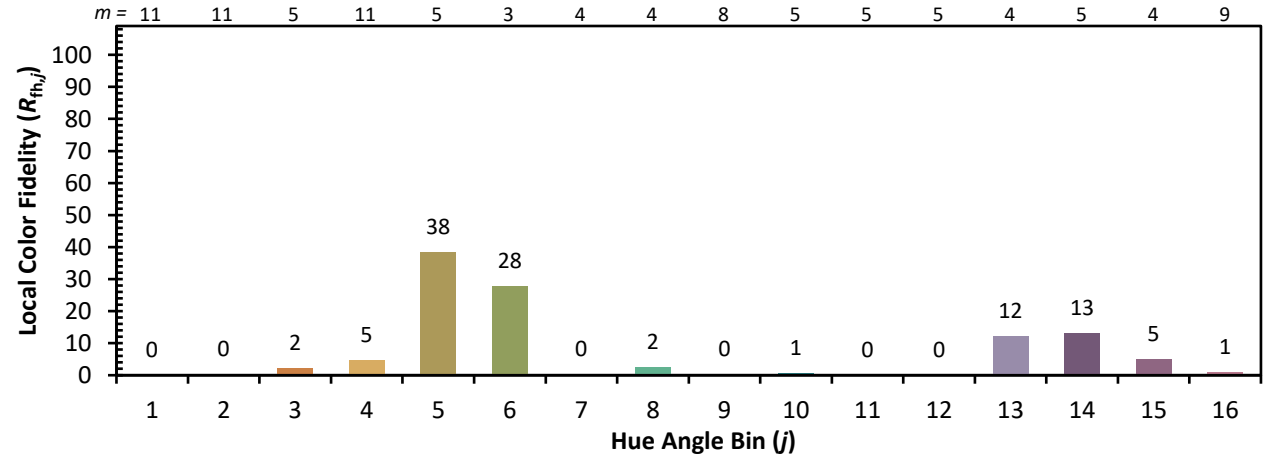
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Color Rendition by Hue-Angle Bin



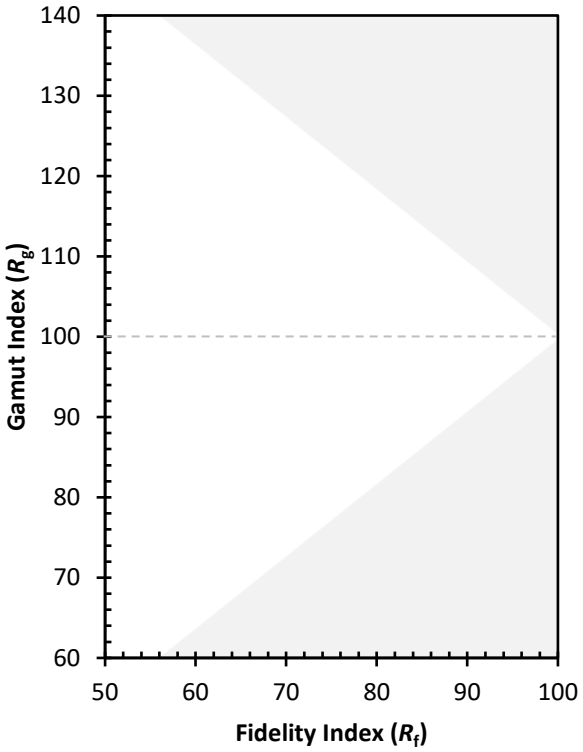


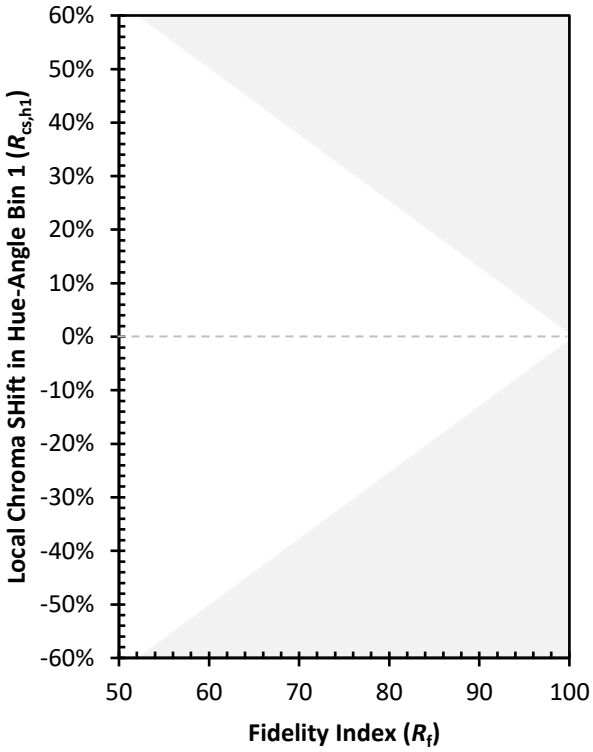


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Measure Comparisons





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