Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1704729

Luminaire Tested: GSS-SB2A-AMB-U-T3LG

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:	P1704729
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-AMB-U-T3LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4330.6 lumens
Efficiency:	N/A
Efficacy:	63.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	68
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

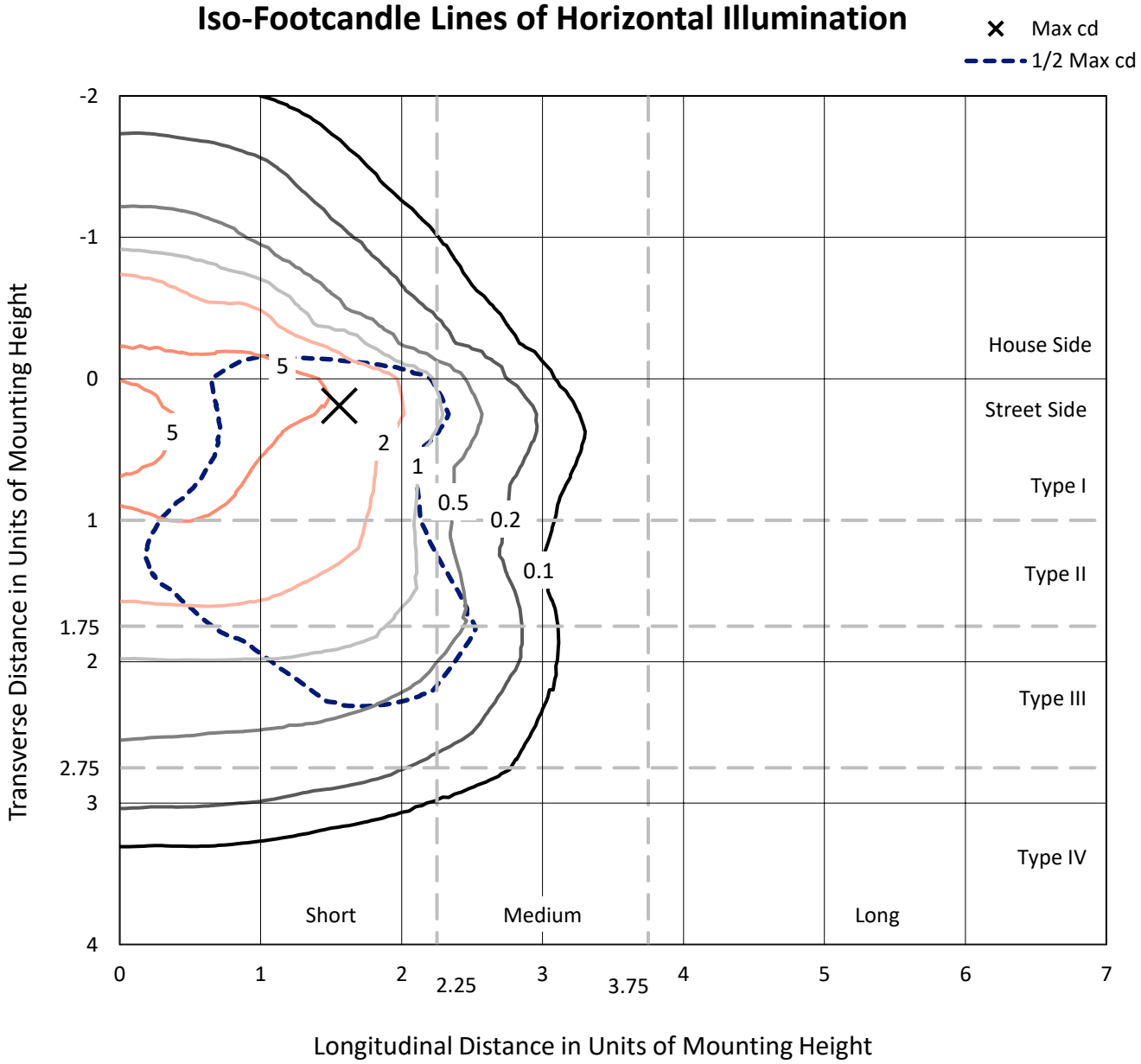


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Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



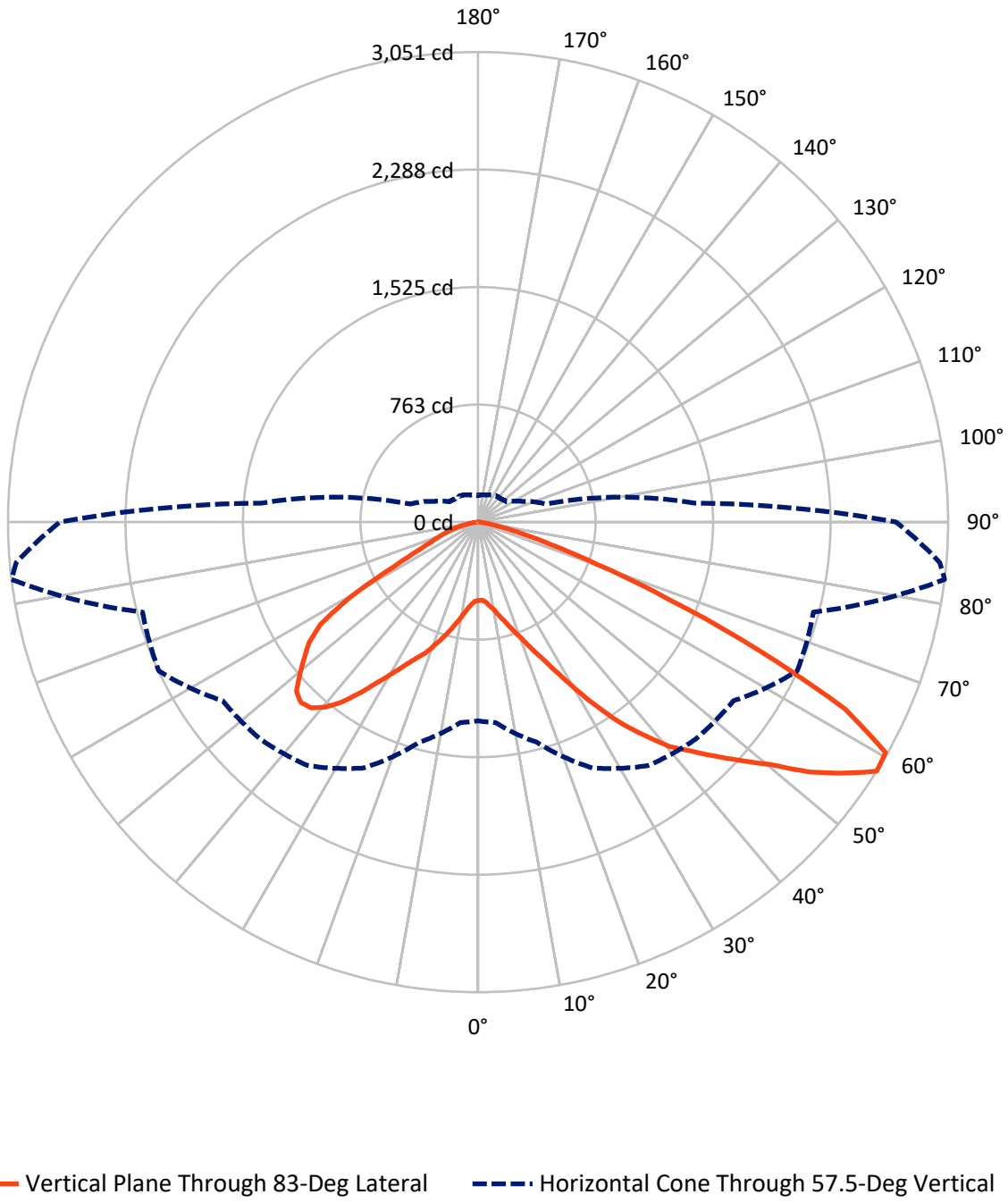
Based on 10 foot mounting height. Maximum calculated value = 8.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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Scaled Data Report

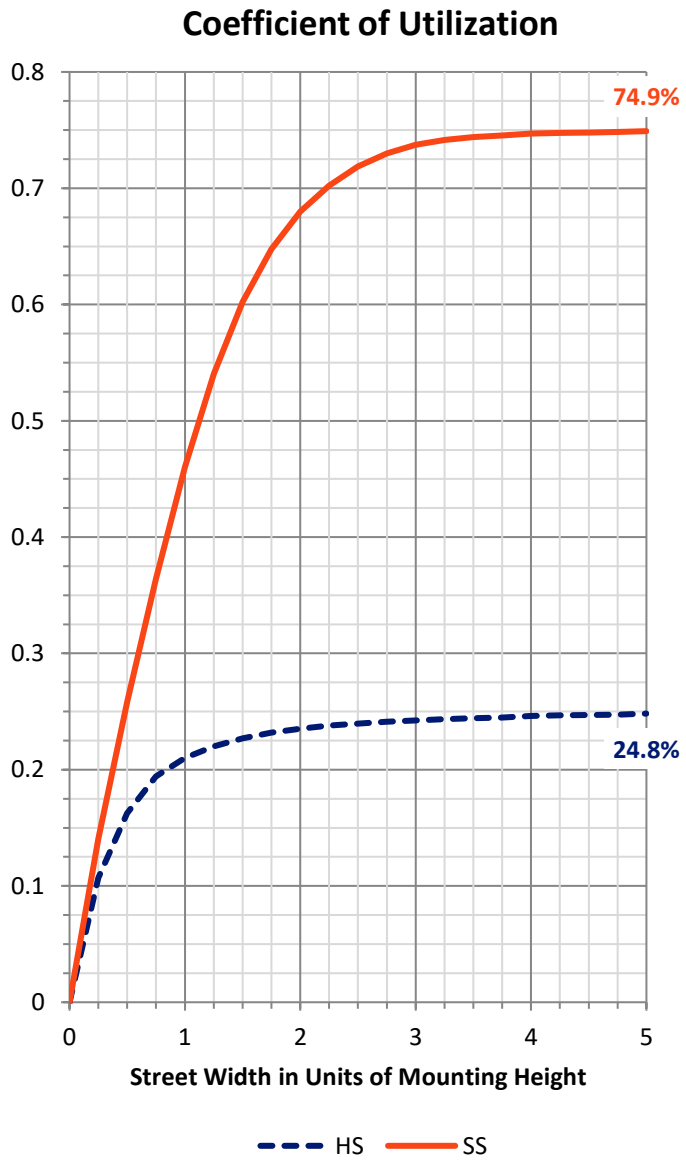
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1083.4	0.0	1083.4
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	3247.1	0.0	3247.1
	% Fixture	75.0	0.0	75.0
Total	Lumens	4330.6	0.0	4330.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	1.1
10°-20°	161.0	3.7
20°-30°	314.0	7.3
30°-40°	563.2	13.0
40°-50°	870.8	20.1
50°-60°	1070.8	24.7
60°-70°	953.5	22.0
70°-80°	319.4	7.4
80°-90°	28.1	0.6
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°	4330.6	100.0
0°-180°	4330.6	100.0



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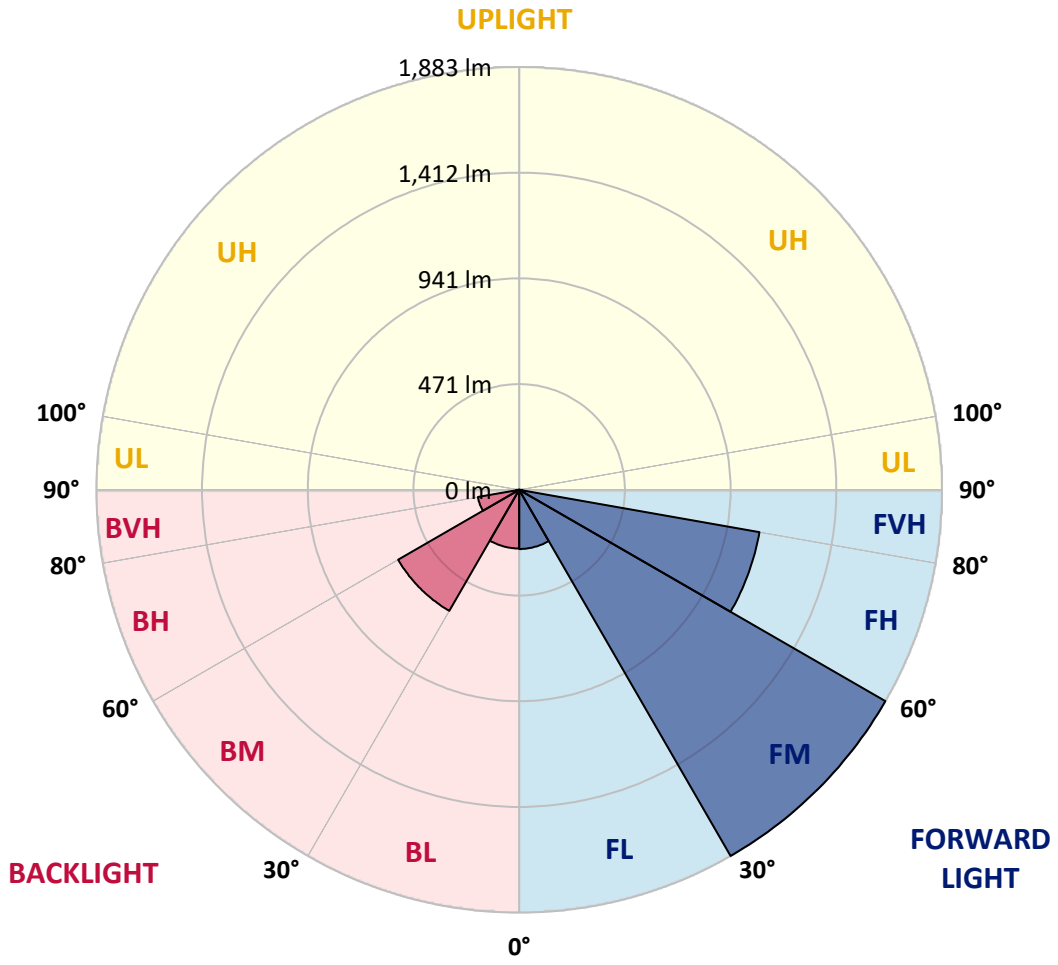
Scaled Data Report

REPORT NUMBER: P1704729
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	263.5	6.1			
FM	(30°-60°)	1882.7	43.5			
FH	(60°-80°)	1086.5	25.1			G1/1800
FVH	(80°-90°)	14.4	0.3			G1/100
BL	(0°-30°)	261.1	6.0	B1/500		
BM	(30°-60°)	622.2	14.4	B1/1000		
BH	(60°-80°)	186.5	4.3	B1/500		G1/500
BVH	(80°-90°)	13.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1	*509.1*	509.1
2.5°	491.2	491.2	493.2	495.2	495.2	497.2	497.2	499.1	505.1	*507.1*	507.1
5°	447.2	447.2	453.2	457.2	467.2	483.2	495.2	505.1	513.1	*521.1*	521.1
7.5°	413.3	413.3	413.3	419.3	433.3	457.2	487.2	513.1	537.1	*549.1*	549.1
10°	421.3	423.3	421.3	423.3	429.3	441.2	475.2	521.1	565.0	*579.0*	587.0
12.5°	433.3	435.3	435.3	435.3	441.2	449.2	473.2	533.1	597.0	*626.9*	630.9
15°	449.2	451.2	447.2	451.2	455.2	463.2	481.2	549.1	638.9	*674.9*	684.8
17.5°	471.2	467.2	469.2	469.2	473.2	481.2	505.1	573.0	690.8	*738.7*	746.7
20°	493.2	491.2	491.2	495.2	503.1	515.1	543.1	607.0	752.7	*804.6*	820.6
22.5°	517.1	519.1	521.1	529.1	539.1	559.0	591.0	660.9	822.6	*892.5*	900.5
25°	549.1	553.1	559.0	575.0	593.0	626.9	660.9	742.7	918.4	*988.3*	1000.3
27.5°	613.0	611.0	616.9	630.9	660.9	706.8	762.7	854.5	1036.2	*1114.1*	1134.1
30°	726.8	722.8	718.8	718.8	746.7	814.6	880.5	984.3	1172.0	*1265.8*	1277.8
32.5°	820.6	818.6	826.6	842.6	874.5	928.4	1024.3	1148.0	1327.7	*1433.6*	1443.5
35°	912.4	914.4	916.4	960.4	1032.2	1092.1	1190.0	1315.8	1475.5	*1605.3*	1621.2
37.5°	1022.3	1028.2	1052.2	1080.2	1176.0	1263.8	1345.7	1461.5	1597.3	*1757.0*	1792.9
40°	1138.1	1144.1	1186.0	1221.9	1317.8	1411.6	1481.5	1573.3	1707.1	*1914.7*	1942.7
42.5°	1245.9	1253.9	1315.8	1401.6	1465.5	1531.4	1605.3	1657.2	1777.0	*2032.5*	2084.5
45°	1315.8	1341.7	1433.6	1545.4	1621.2	1653.2	1675.1	1705.1	1846.9	*2168.3*	2226.2
47.5°	1357.7	1383.6	1511.4	1669.2	1739.0	1759.0	1705.1	1757.0	1910.7	*2314.1*	2360.0
50°	1377.7	1411.6	1559.3	1733.0	1828.9	1826.9	1713.1	1804.9	1980.6	*2475.8*	2509.7
52.5°	1413.6	1445.5	1593.3	1761.0	1862.8	1852.8	1739.0	1924.7	2064.5	*2693.4*	2665.5
55°	1341.7	1371.7	1587.3	1763.0	1874.8	1918.7	1834.9	2110.4	2194.3	*2875.1*	2851.1
57.5°	*1289.8*	*1305.8*	*1479.5*	*1761.0*	*1928.7*	*1994.6*	*2022.6*	*2286.1*	*2254.2*	*3050.8*	*3008.9*
60°	1229.9	1241.9	1391.6	1701.1	1966.7	2078.5	2238.2	2346.0	2178.3	*3038.8*	2972.9
62.5°	1112.1	1126.1	1275.8	1585.3	1946.7	2152.3	2415.9	2240.2	1926.7	*2673.4*	2585.6
65°	1020.3	1018.3	1138.1	1387.6	1856.8	2208.2	2455.8	1956.7	1447.5	*1994.6*	1948.7
67.5°	1082.2	1066.2	1130.1	1299.8	1655.2	2246.2	2302.1	1341.7	962.4	*1329.7*	1315.8
70°	962.4	950.4	1016.3	1200.0	1545.4	1952.7	1916.7	786.7	626.9	*814.6*	818.6
72.5°	523.1	525.1	648.9	802.6	1192.0	1433.6	1383.6	437.3	399.3	*481.2*	453.2
75°	103.8	107.8	177.7	291.5	509.1	792.7	597.0	219.6	271.5	*285.5*	267.5
77.5°	73.9	75.9	89.8	113.8	159.7	265.5	193.7	145.8	175.7	*153.7*	151.7
80°	57.9	59.9	63.9	73.9	85.9	99.8	83.9	79.9	95.8	*77.9*	77.9
82.5°	45.9	43.9	41.9	43.9	49.9	47.9	37.9	43.9	53.9	*39.9*	35.9
85°	24.0	26.0	20.0	20.0	20.0	16.0	16.0	20.0	28.0	*18.0*	16.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	*2.0*	2.0
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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Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1	509.1
2.5°	509.1	511.1	519.1	519.1	523.1	527.1	527.1	527.1	527.1	531.1	533.1
5°	525.1	533.1	541.1	549.1	553.1	551.1	553.1	551.1	549.1	549.1	549.1
7.5°	559.0	565.0	579.0	585.0	585.0	579.0	573.0	569.0	563.0	565.0	567.0
10°	597.0	611.0	624.9	624.9	618.9	609.0	585.0	553.1	533.1	527.1	523.1
12.5°	646.9	664.9	676.8	670.9	648.9	583.0	535.1	519.1	515.1	515.1	513.1
15°	702.8	724.8	730.8	710.8	613.0	547.1	535.1	533.1	535.1	539.1	543.1
17.5°	772.7	786.7	784.7	708.8	567.0	547.1	551.1	555.1	555.1	559.0	559.0
20°	844.6	854.5	826.6	640.9	553.1	555.1	563.0	571.0	575.0	575.0	579.0
22.5°	928.4	932.4	858.5	585.0	553.1	555.1	573.0	583.0	589.0	585.0	585.0
25°	1022.3	1002.3	850.6	565.0	541.1	553.1	569.0	577.0	579.0	575.0	577.0
27.5°	1142.1	1100.1	802.6	555.1	525.1	535.1	543.1	547.1	547.1	547.1	547.1
30°	1289.8	1217.9	764.7	555.1	513.1	507.1	505.1	505.1	505.1	505.1	507.1
32.5°	1445.5	1335.7	766.7	569.0	499.1	473.2	465.2	455.2	457.2	457.2	463.2
35°	1605.3	1471.5	806.6	593.0	489.2	445.2	423.3	413.3	409.3	411.3	419.3
37.5°	1757.0	1607.3	860.5	638.9	491.2	419.3	389.3	371.4	357.4	349.4	359.4
40°	1896.8	1713.1	926.4	698.8	501.1	395.3	353.4	325.4	299.5	285.5	289.5
42.5°	2008.6	1785.0	968.4	738.7	501.1	371.4	321.5	289.5	251.6	231.6	231.6
45°	2108.4	1810.9	958.4	750.7	489.2	347.4	291.5	247.6	221.6	211.6	213.6
47.5°	2194.3	1785.0	914.4	710.8	455.2	319.5	259.6	229.6	209.6	201.7	201.7
50°	2304.1	1699.1	806.6	613.0	397.3	285.5	237.6	219.6	205.6	197.7	195.7
52.5°	2465.8	1623.2	662.9	483.2	329.4	245.6	227.6	213.6	201.7	193.7	189.7
55°	2607.6	1547.4	547.1	379.4	265.5	225.6	217.6	207.6	189.7	187.7	181.7
57.5°	*2713.4*	*1411.6*	*453.2*	*317.5*	*229.6*	*211.6*	*207.6*	*195.7*	*181.7*	*177.7*	*171.7*
60°	2651.5	1114.1	371.4	275.5	209.6	195.7	199.7	185.7	165.7	163.7	159.7
62.5°	2296.1	704.8	303.5	231.6	191.7	181.7	185.7	165.7	149.7	145.8	143.8
65°	1645.2	473.2	267.5	209.6	177.7	165.7	163.7	147.7	135.8	131.8	131.8
67.5°	962.4	355.4	227.6	189.7	155.7	151.7	147.7	139.8	131.8	127.8	129.8
70°	499.1	289.5	189.7	169.7	135.8	127.8	135.8	133.8	119.8	121.8	121.8
72.5°	303.5	225.6	173.7	155.7	111.8	107.8	119.8	123.8	113.8	121.8	121.8
75°	213.6	173.7	155.7	137.8	91.8	91.8	105.8	117.8	109.8	115.8	111.8
77.5°	125.8	115.8	119.8	111.8	71.9	73.9	91.8	107.8	93.8	103.8	89.8
80°	67.9	71.9	83.9	69.9	49.9	57.9	71.9	83.9	71.9	73.9	63.9
82.5°	33.9	41.9	55.9	45.9	29.9	35.9	47.9	51.9	43.9	43.9	43.9
85°	12.0	14.0	28.0	22.0	12.0	12.0	22.0	26.0	22.0	20.0	20.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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

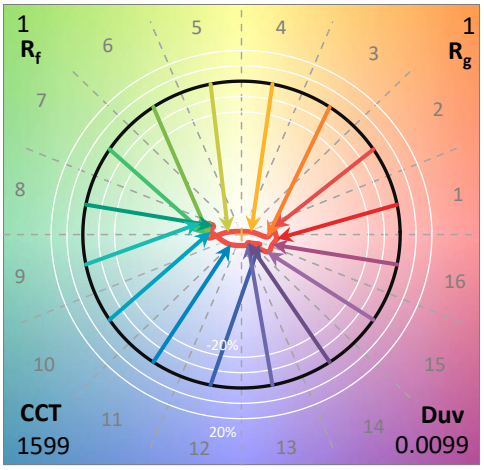
Test Information

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

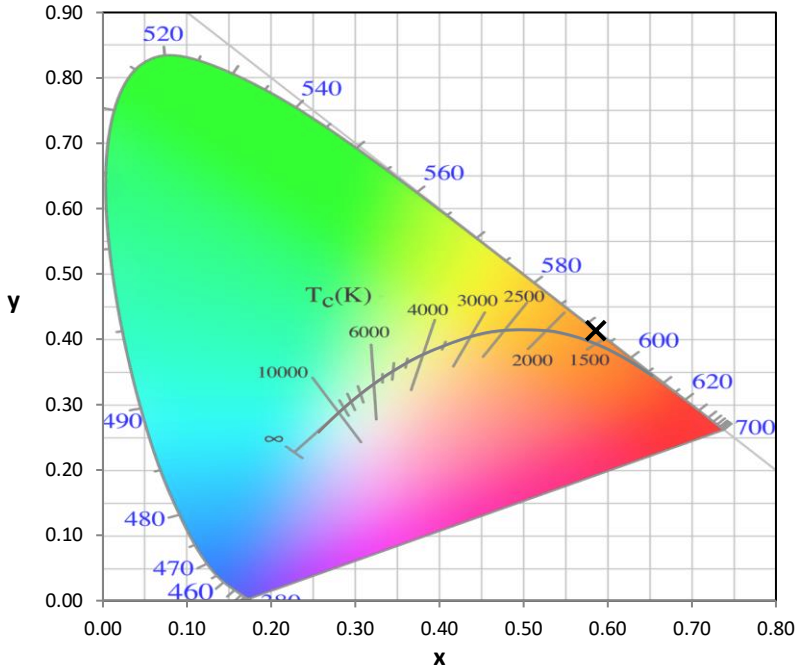
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

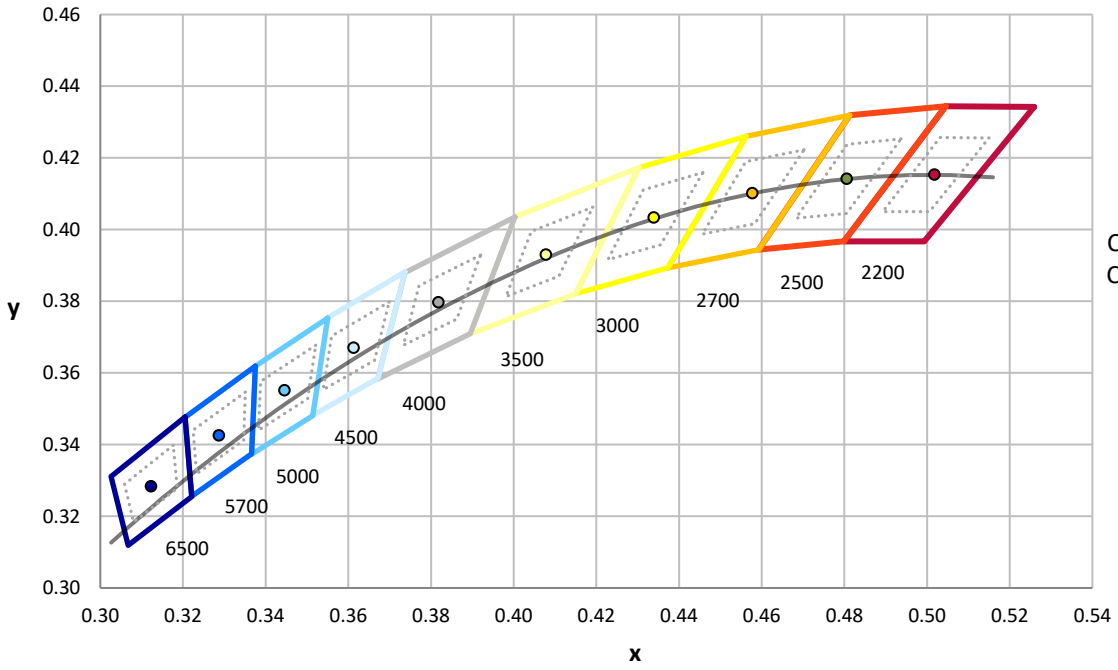
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

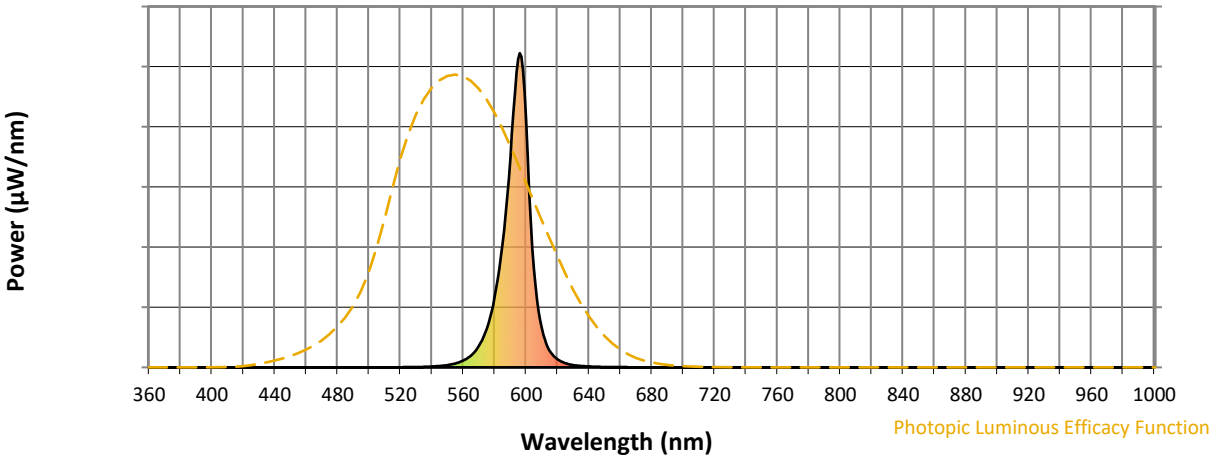


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

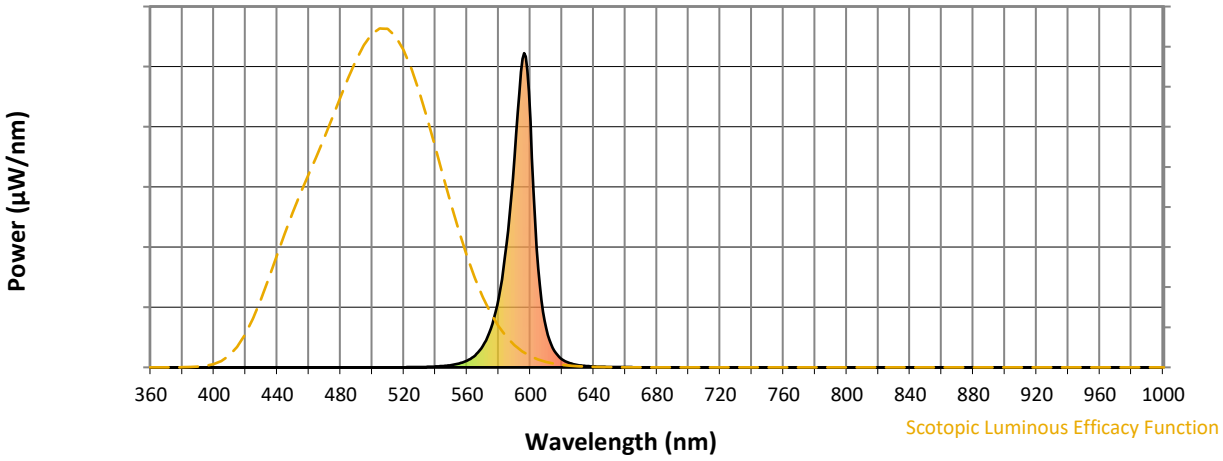


Photopic Lumens: NR

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

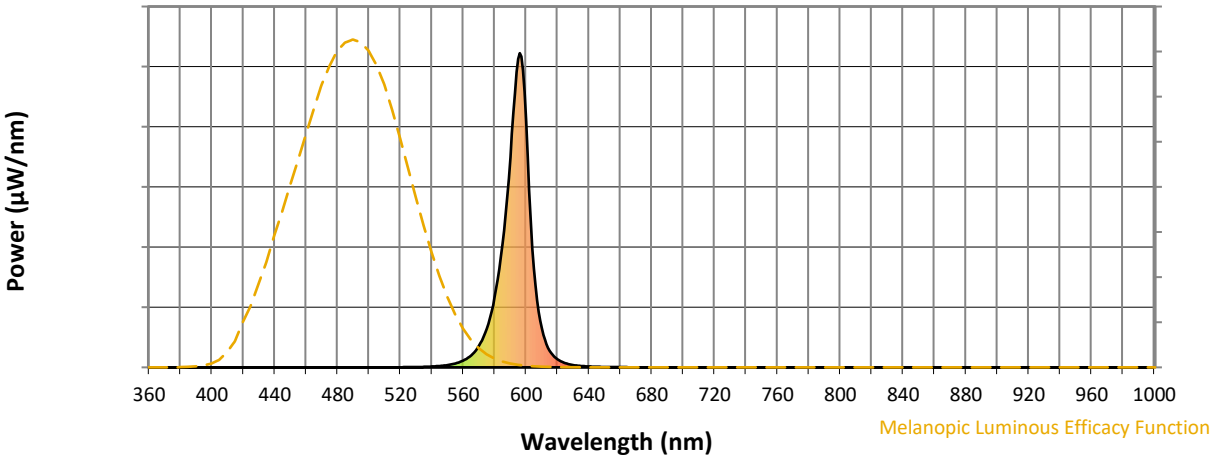


Scotopic Lumens: NR **S/P: 0.23**

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			

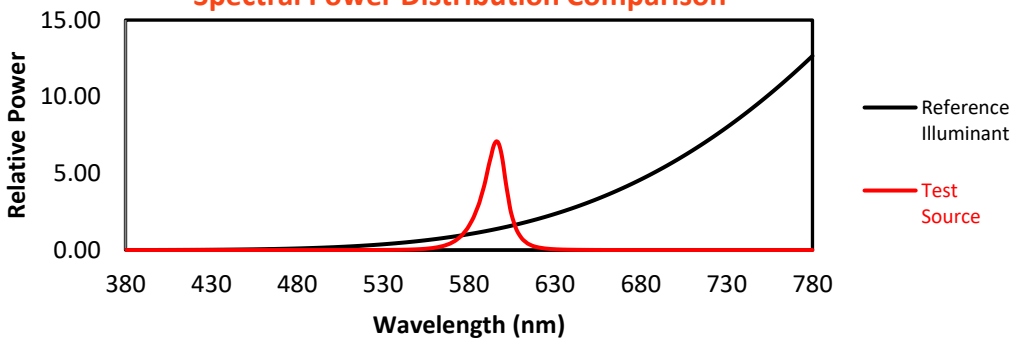
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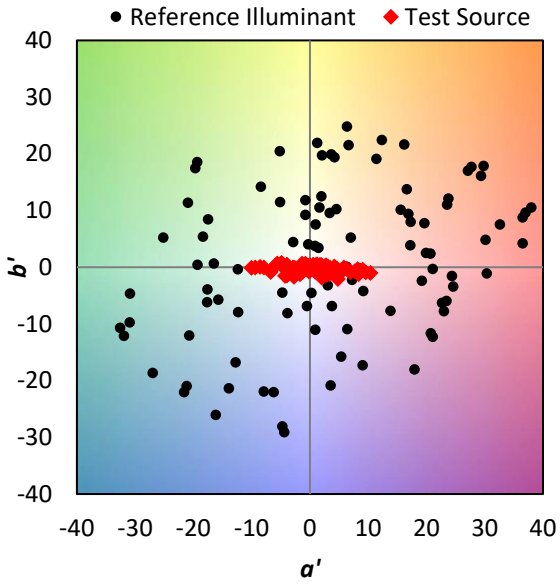
Summary

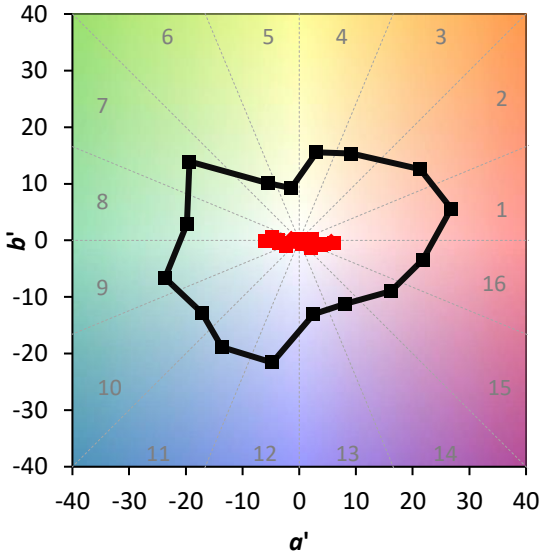
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

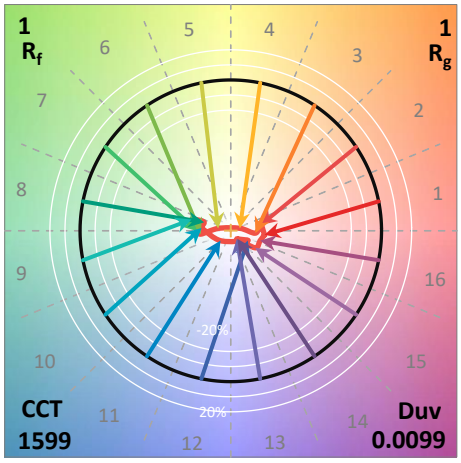
Spectral Power Distribution Comparison

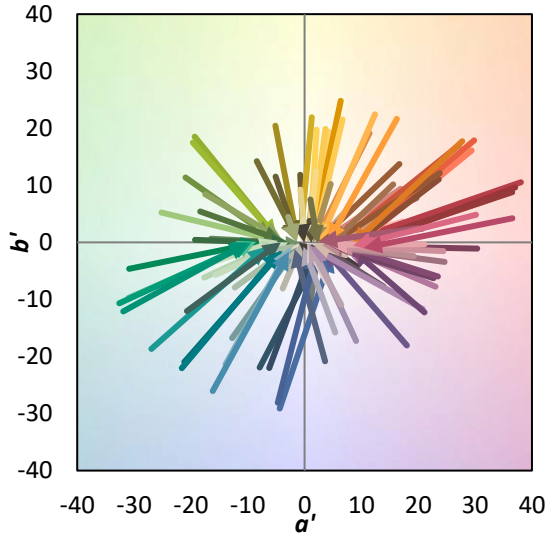


Color Vector Graphics







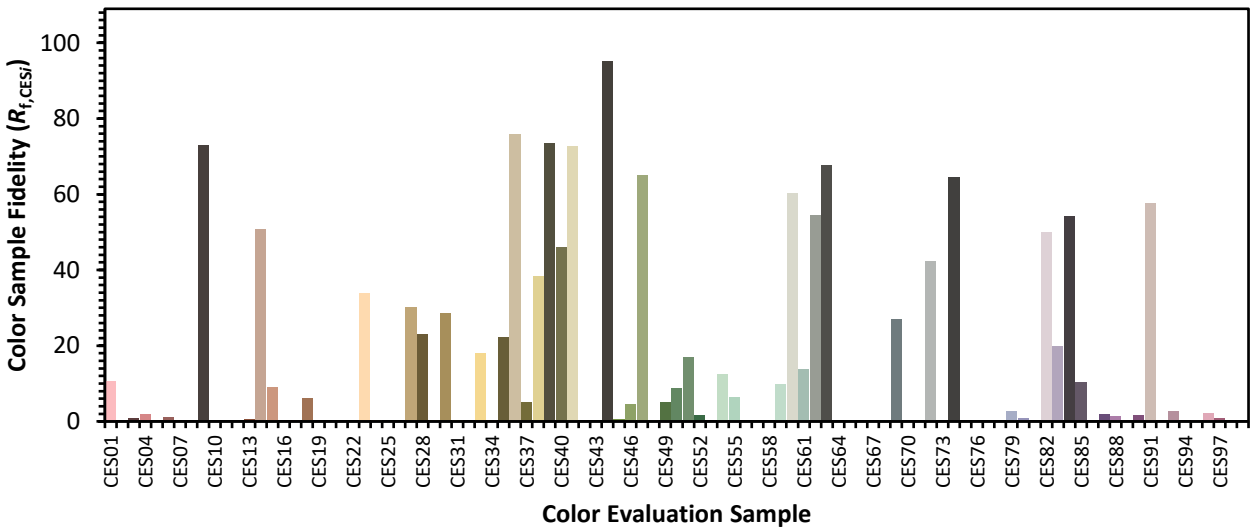


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Individual Sample Fidelity Index ($R_{f,i}$)

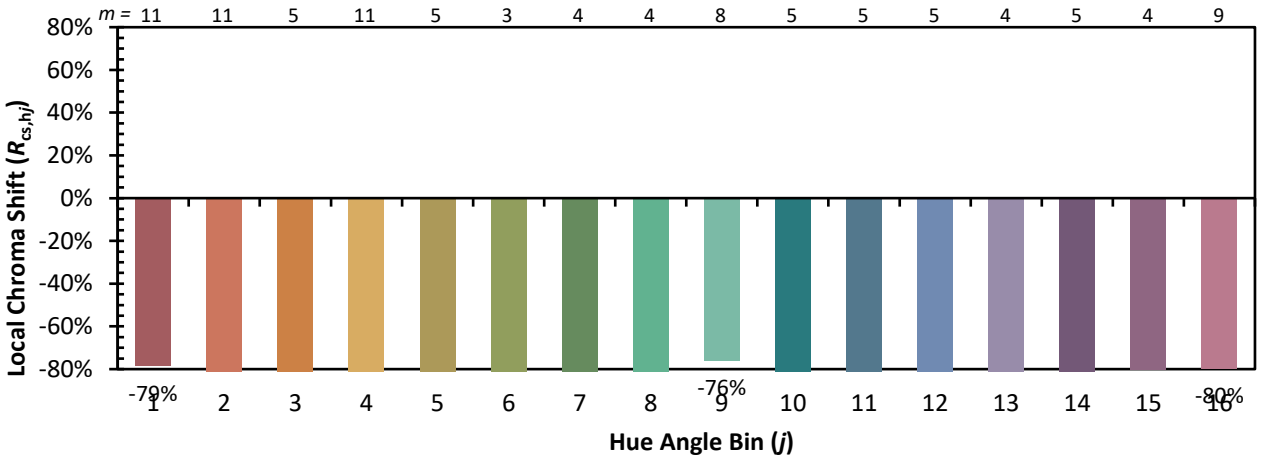
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

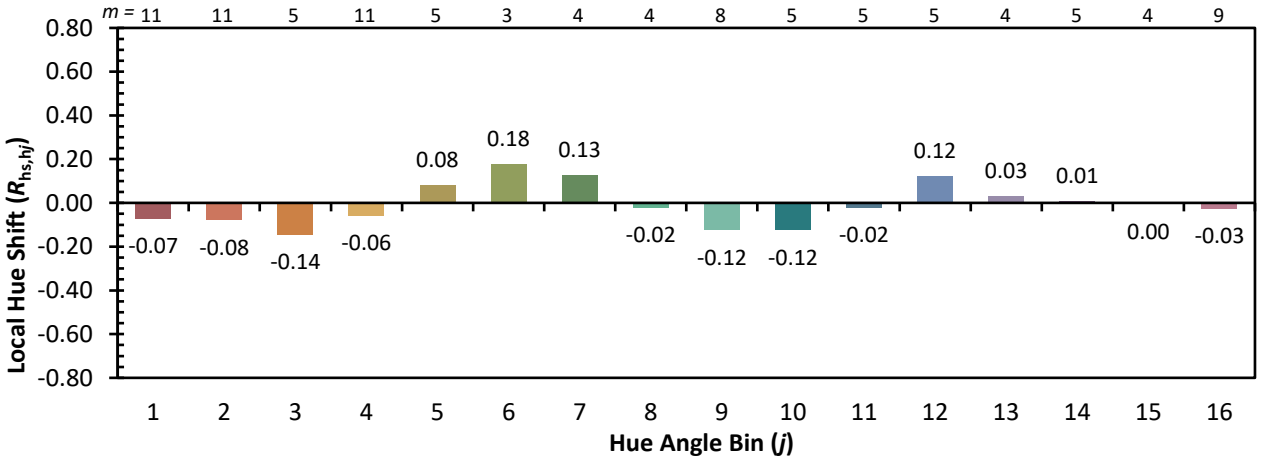


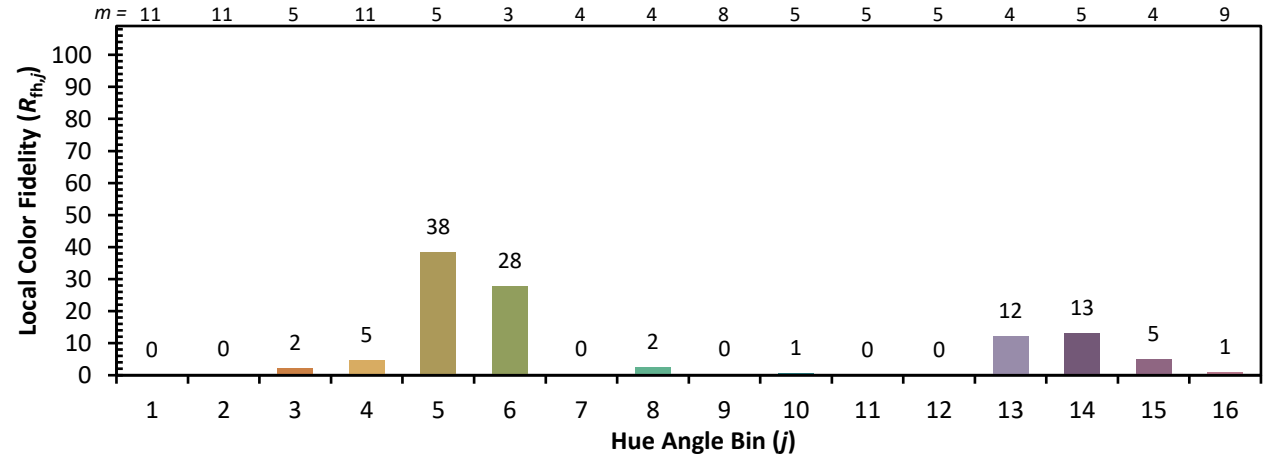
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Color Rendition by Hue-Angle Bin



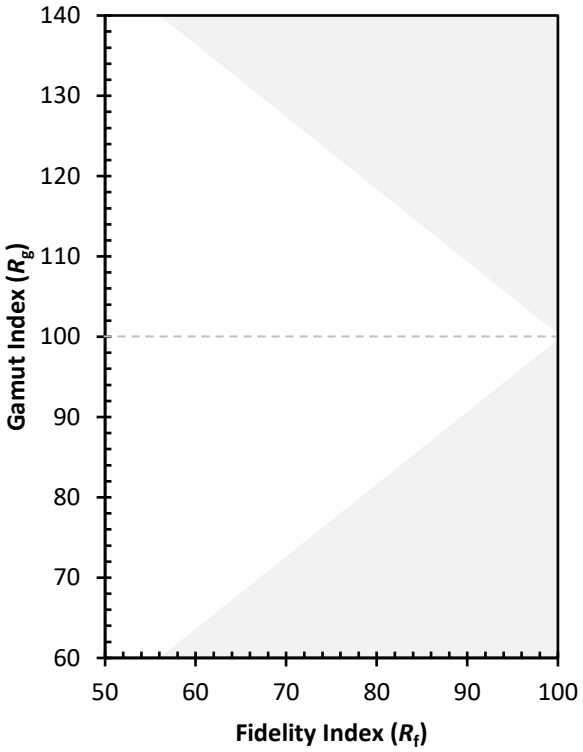


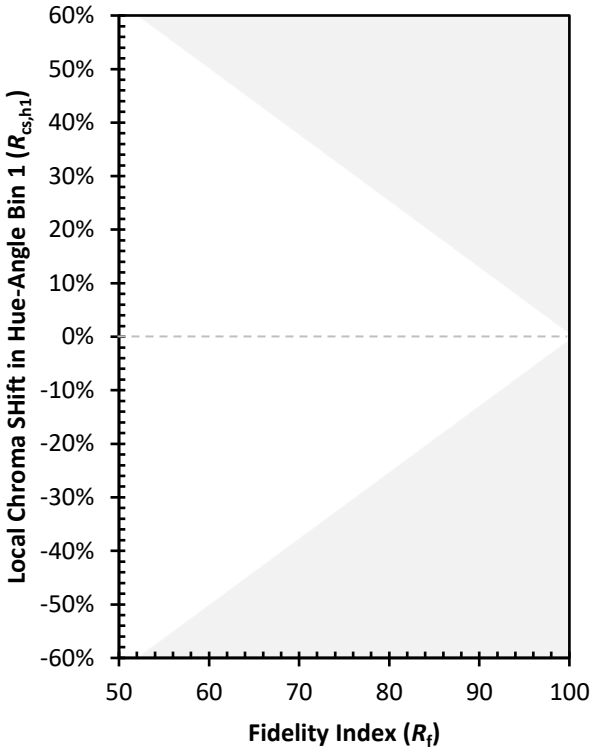


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Measure Comparisons





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