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: P1704729

Luminaire Tested: GSS-SB2A-AMB-U-T4FT-HSS

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-T4FT-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T4 FORWARD THROW DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3076.8 lumens
Efficiency:	N/A
Efficacy:	45.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

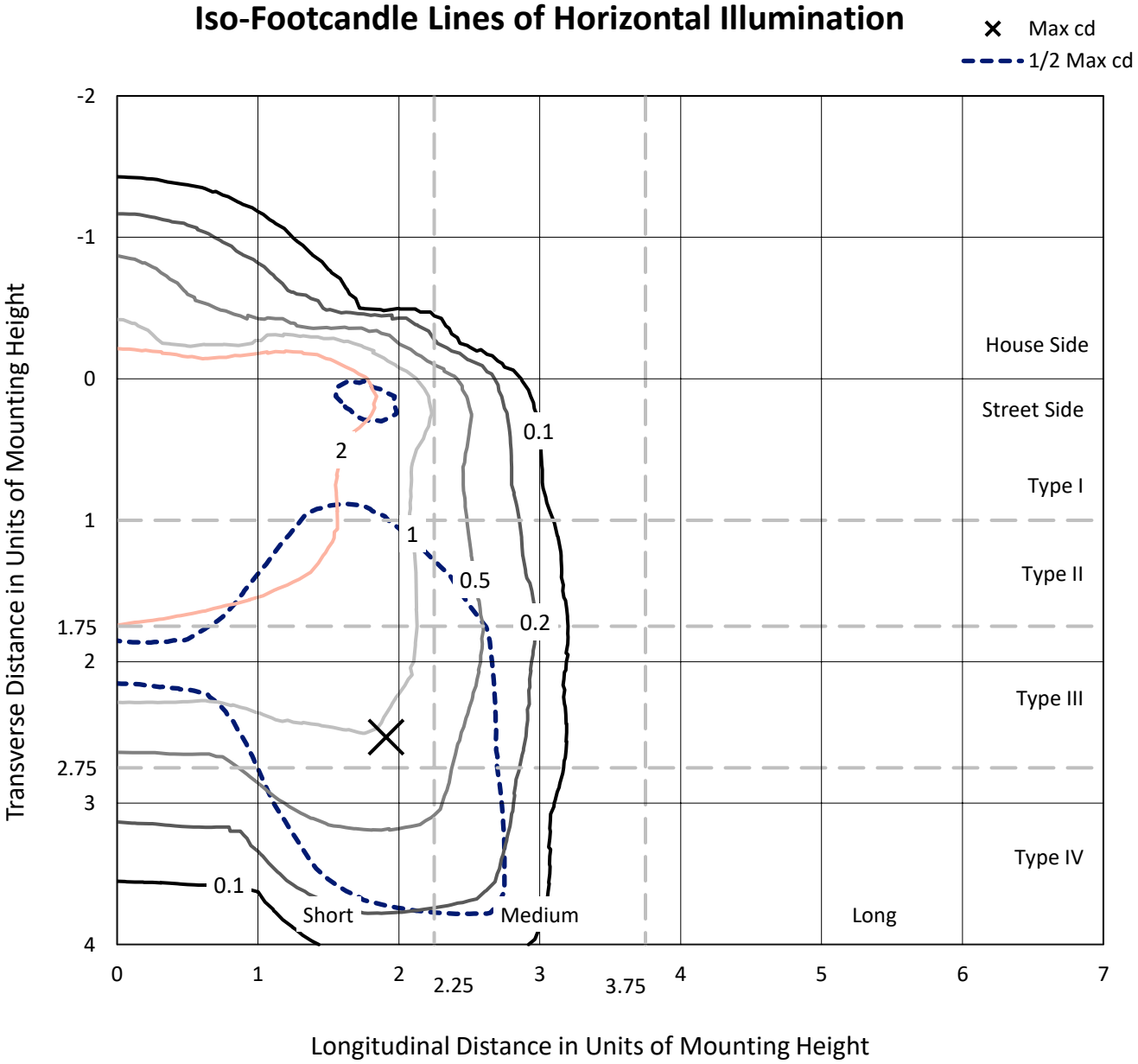


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REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



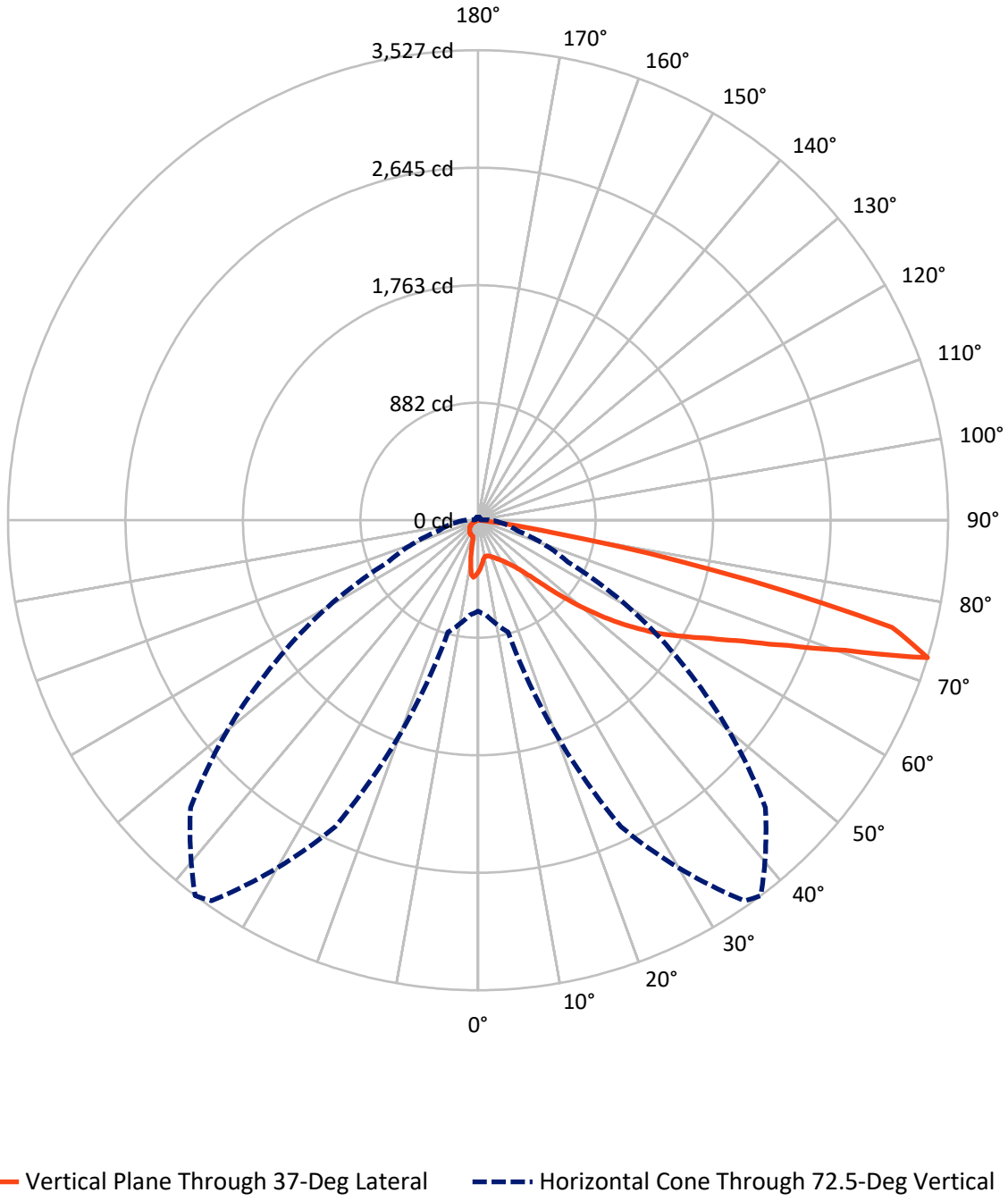
Based on 10 foot mounting height. Maximum calculated value = 3.9 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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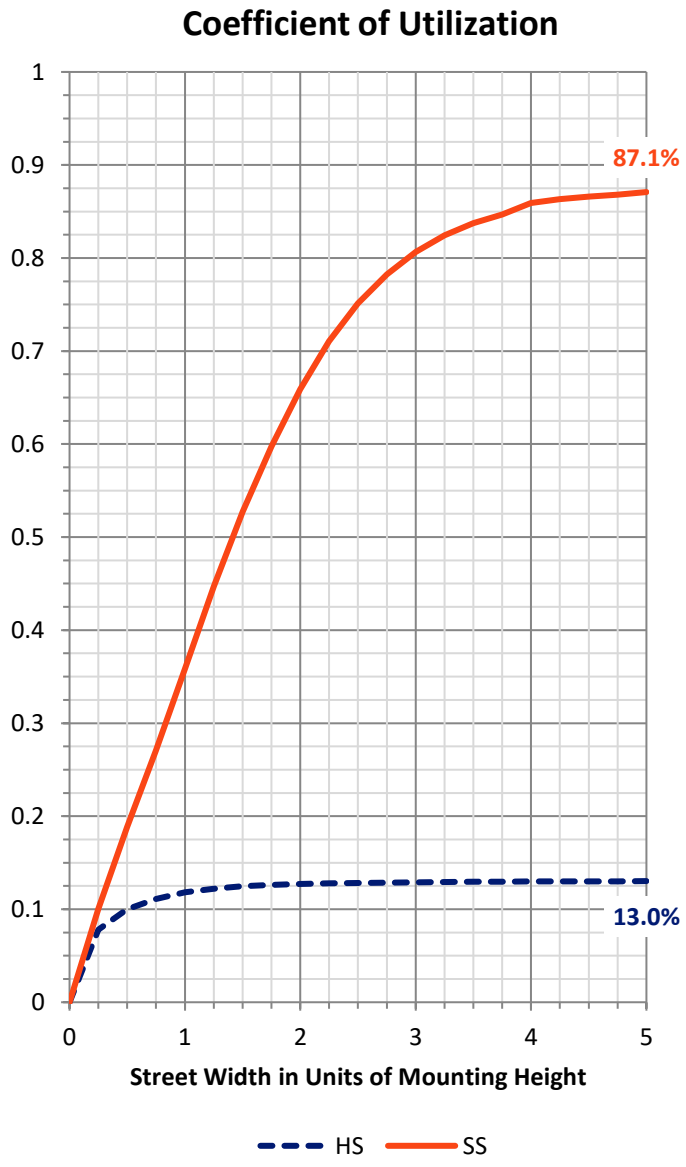
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	404.7	0.0	404.7
	% Fixture	13.2	0.0	13.2
Street Side	Lumens	2672.1	0.0	2672.1
	% Fixture	86.8	0.0	86.8
Total	Lumens	3076.8	0.0	3076.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.5	1.1
10°-20°	80.1	2.6
20°-30°	125.8	4.1
30°-40°	202.7	6.6
40°-50°	402.3	13.1
50°-60°	726.3	23.6
60°-70°	947.2	30.8
70°-80°	536.6	17.4
80°-90°	21.3	0.7
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°	3076.8	100.0
0°-180°	3076.8	100.0



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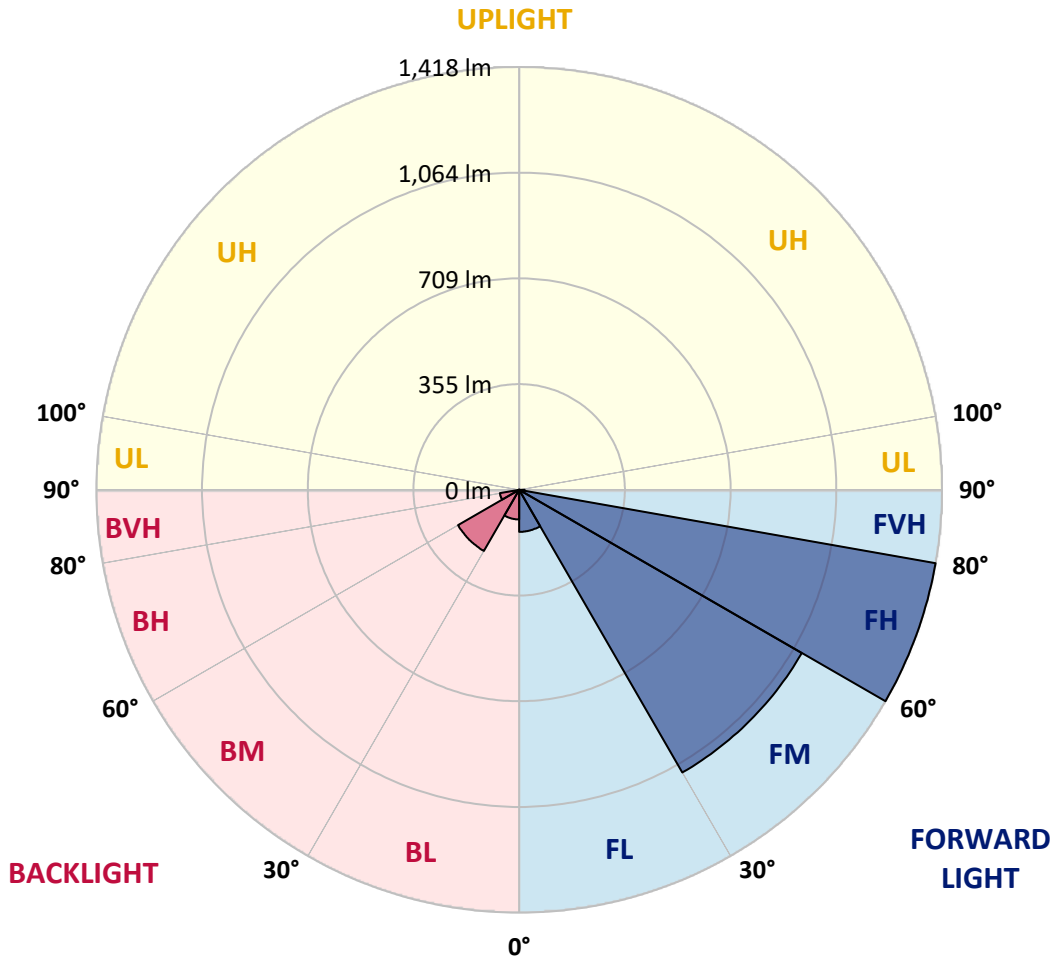
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	140.9	4.6			
FM	(30°-60°)	1094.6	35.6			
FH	(60°-80°)	1418.2	46.1			G1/1800
FVH	(80°-90°)	18.4	0.6			G1/100
BL	(0°-30°)	99.4	3.2	B0/110		
BM	(30°-60°)	236.7	7.7	B1/1000		
BH	(60°-80°)	65.7	2.1	B0/110		G0/110
BVH	(80°-90°)	2.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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REPORT NUMBER: P1704729
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37°	45°	55°	65°	75°	85°
0°	387.2	387.2	387.2	387.2	387.2	*387.2*	387.2	387.2	387.2	387.2	387.2
2.5°	357.3	357.3	357.3	357.3	361.3	*359.3*	363.3	369.3	373.2	379.2	385.2
5°	309.4	309.4	309.4	313.4	321.4	*323.3*	331.3	339.3	353.3	367.3	383.2
7.5°	279.4	277.4	279.4	283.4	293.4	*295.4*	303.4	319.4	337.3	357.3	379.2
10°	265.5	263.5	265.5	269.5	277.4	*279.4*	289.4	305.4	327.3	353.3	381.2
12.5°	261.5	263.5	263.5	265.5	273.4	*275.4*	285.4	303.4	325.3	353.3	381.2
15°	267.5	265.5	265.5	267.5	275.4	*277.4*	287.4	305.4	327.3	357.3	391.2
17.5°	275.4	273.4	271.5	273.4	281.4	*283.4*	295.4	315.4	335.3	363.3	397.2
20°	283.4	285.4	281.4	281.4	291.4	*293.4*	303.4	323.3	349.3	371.3	407.2
22.5°	297.4	297.4	291.4	291.4	303.4	*303.4*	317.4	337.3	359.3	383.2	419.2
25°	313.4	311.4	305.4	305.4	315.4	*317.4*	333.3	353.3	375.2	395.2	435.1
27.5°	329.3	329.3	321.4	321.4	329.3	*331.3*	351.3	377.2	393.2	409.2	455.1
30°	341.3	339.3	335.3	335.3	349.3	*351.3*	371.3	401.2	417.2	431.1	479.0
32.5°	353.3	351.3	351.3	351.3	369.3	*373.2*	399.2	431.1	451.1	463.1	511.0
35°	373.2	369.3	369.3	375.2	397.2	*403.2*	435.1	473.0	497.0	499.0	550.9
37.5°	447.1	439.1	413.2	409.2	433.1	*439.1*	479.0	530.9	556.9	550.9	606.8
40°	638.7	616.8	544.9	485.0	485.0	*493.0*	534.9	604.8	632.7	614.8	674.6
42.5°	832.3	810.4	732.5	626.7	572.8	*572.8*	622.7	698.6	722.5	696.6	762.5
45°	946.1	932.1	870.2	798.4	706.6	*696.6*	724.5	806.4	826.3	784.4	872.2
47.5°	1019.9	1014.0	970.0	944.1	874.2	*864.3*	870.2	952.1	952.1	886.2	1008.0
50°	1133.7	1129.7	1097.8	1087.8	1057.9	*1045.9*	1055.9	1115.8	1073.8	1006.0	1167.6
52.5°	1245.5	1243.5	1225.5	1249.5	1231.5	*1233.5*	1257.5	1289.4	1211.6	1143.7	1347.3
55°	1317.3	1321.3	1355.3	1395.2	1427.1	*1421.1*	1453.1	1465.0	1337.3	1257.5	1568.8
57.5°	1463.1	1445.1	1459.1	1522.9	1592.8	*1602.8*	1638.7	1652.7	1463.1	1385.2	1766.4
60°	1608.8	1582.8	1594.8	1654.7	1762.4	*1768.4*	1842.3	1834.3	1560.9	1497.0	1930.1
62.5°	1806.4	1786.4	1746.5	1800.4	1926.1	*1950.1*	2053.9	2009.9	1656.7	1507.0	1894.2
65°	1776.4	1784.4	1892.2	2017.9	2163.6	*2185.6*	2301.4	2173.6	1614.7	1363.3	1686.6
67.5°	1363.3	1397.2	1606.8	2173.6	2491.0	*2508.9*	2624.7	2189.6	1489.0	1177.6	1259.5
70°	1021.9	1035.9	1227.5	2347.3	2866.2	*2922.1*	3039.9	2111.7	1277.4	730.5	542.9
72.5°	*682.6*	*714.6*	*868.2*	*2536.9*	*3487.0*	*3526.9*	*3049.9*	*1858.3*	*746.5*	*305.4*	*157.7*
75°	427.1	437.1	538.9	2233.5	3305.3	*3209.5*	1860.3	736.5	267.5	137.7	63.9
77.5°	119.8	129.7	161.7	1141.7	1880.2	*1812.3*	670.6	127.7	119.8	87.8	37.9
80°	25.9	29.9	49.9	195.6	550.9	*570.8*	153.7	63.9	71.9	61.9	25.9
82.5°	12.0	14.0	29.9	63.9	105.8	*103.8*	43.9	37.9	47.9	37.9	14.0
85°	6.0	6.0	16.0	25.9	29.9	*27.9*	18.0	14.0	24.0	22.0	10.0
87.5°	0.0	2.0	2.0	4.0	4.0	*4.0*	4.0	4.0	6.0	4.0	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-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	387.2	387.2	387.2	387.2	387.2	387.2	387.2	387.2	387.2	387.2	387.2
2.5°	387.2	389.2	395.2	397.2	403.2	409.2	411.2	413.2	413.2	415.2	415.2
5°	387.2	395.2	407.2	413.2	421.2	427.1	431.1	429.1	429.1	429.1	427.1
7.5°	387.2	397.2	413.2	421.2	429.1	419.2	407.2	387.2	373.2	369.3	369.3
10°	391.2	403.2	419.2	427.1	405.2	365.3	325.3	295.4	269.5	259.5	263.5
12.5°	397.2	409.2	427.1	411.2	349.3	287.4	231.5	185.6	163.7	153.7	153.7
15°	407.2	421.2	435.1	379.2	281.4	197.6	147.7	135.7	133.7	135.7	133.7
17.5°	415.2	429.1	427.1	321.4	211.6	135.7	129.7	129.7	131.7	131.7	131.7
20°	427.1	441.1	415.2	265.5	141.7	125.7	125.7	127.7	127.7	129.7	129.7
22.5°	441.1	455.1	387.2	205.6	121.8	121.8	123.8	125.7	125.7	127.7	127.7
25°	457.1	473.0	353.3	149.7	117.8	119.8	121.8	123.8	125.7	125.7	125.7
27.5°	483.0	497.0	319.4	117.8	113.8	115.8	119.8	123.8	125.7	125.7	123.8
30°	511.0	526.9	285.4	113.8	109.8	113.8	117.8	123.8	125.7	123.8	123.8
32.5°	546.9	562.9	251.5	115.8	109.8	107.8	113.8	121.8	125.7	123.8	123.8
35°	596.8	602.8	227.5	127.7	115.8	105.8	109.8	117.8	123.8	123.8	123.8
37.5°	662.7	652.7	215.6	137.7	119.8	101.8	103.8	109.8	117.8	123.8	123.8
40°	758.5	726.5	211.6	145.7	117.8	97.8	97.8	101.8	109.8	119.8	121.8
42.5°	866.3	806.4	213.6	145.7	111.8	95.8	93.8	95.8	101.8	107.8	109.8
45°	988.0	910.2	237.5	137.7	105.8	91.8	87.8	89.8	91.8	95.8	93.8
47.5°	1129.7	1012.0	279.4	121.8	101.8	89.8	83.8	83.8	81.8	79.8	79.8
50°	1295.4	1101.8	299.4	109.8	97.8	83.8	79.8	75.8	69.9	69.9	67.9
52.5°	1465.0	1193.6	265.5	101.8	91.8	79.8	71.9	67.9	61.9	59.9	59.9
55°	1612.7	1239.5	197.6	95.8	83.8	71.9	63.9	59.9	53.9	51.9	51.9
57.5°	1708.6	1209.6	135.7	87.8	71.9	63.9	57.9	51.9	47.9	45.9	45.9
60°	1730.5	1091.8	95.8	75.8	59.9	55.9	51.9	45.9	43.9	39.9	39.9
62.5°	1554.9	846.3	69.9	61.9	49.9	47.9	43.9	39.9	37.9	33.9	33.9
65°	1273.4	520.9	51.9	45.9	41.9	37.9	37.9	35.9	31.9	27.9	27.9
67.5°	890.2	203.6	33.9	31.9	33.9	31.9	31.9	29.9	27.9	24.0	24.0
70°	359.3	51.9	25.9	24.0	25.9	24.0	25.9	27.9	24.0	22.0	20.0
72.5°	*97.8*	*25.9*	*20.0*	*18.0*	*20.0*	*18.0*	*22.0*	*24.0*	*20.0*	*18.0*	*18.0*
75°	45.9	20.0	16.0	16.0	14.0	14.0	18.0	18.0	18.0	16.0	14.0
77.5°	27.9	14.0	12.0	10.0	10.0	12.0	14.0	16.0	14.0	12.0	12.0
80°	18.0	10.0	8.0	8.0	8.0	10.0	12.0	12.0	10.0	10.0	10.0
82.5°	10.0	8.0	6.0	6.0	6.0	8.0	8.0	8.0	10.0	8.0	8.0
85°	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0	8.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0
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

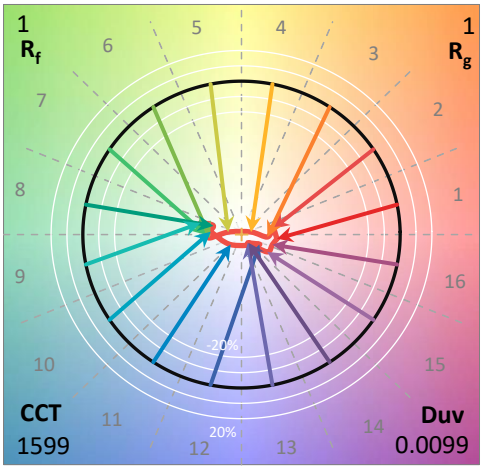
Test Information

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

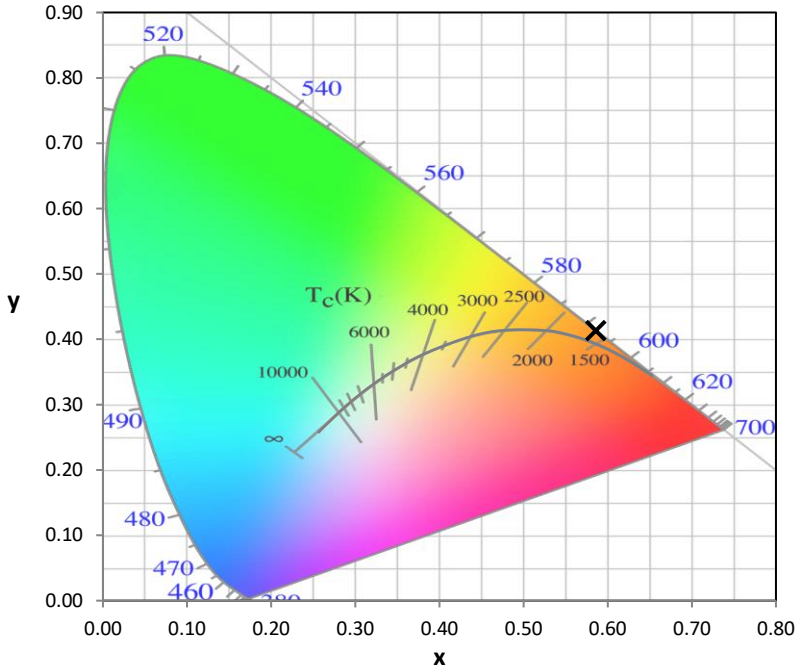
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

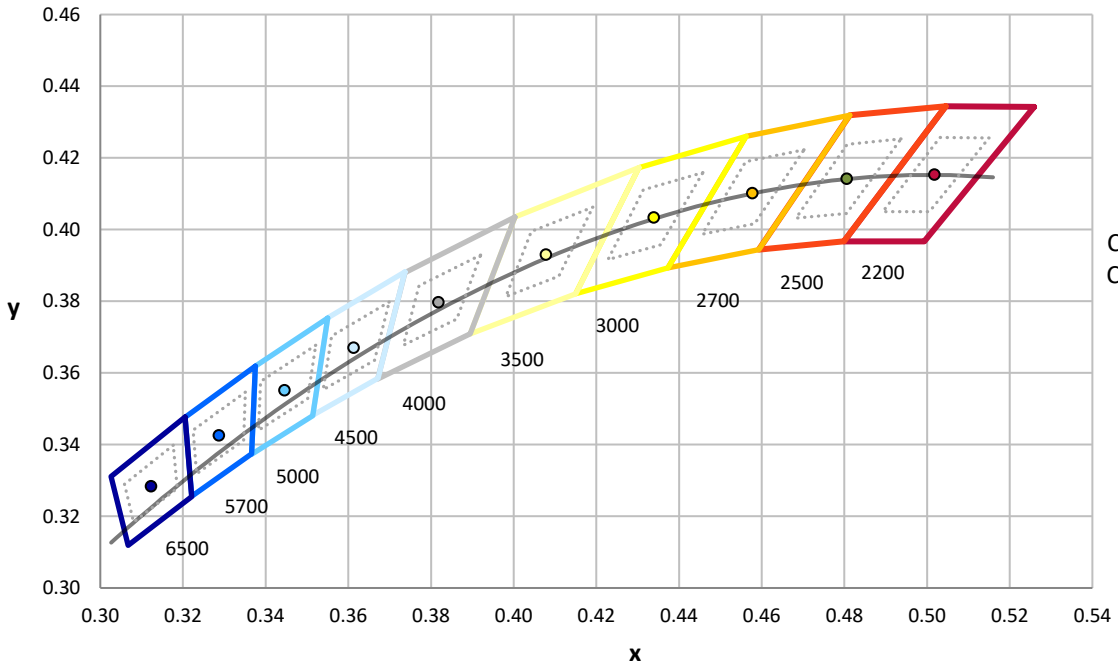
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

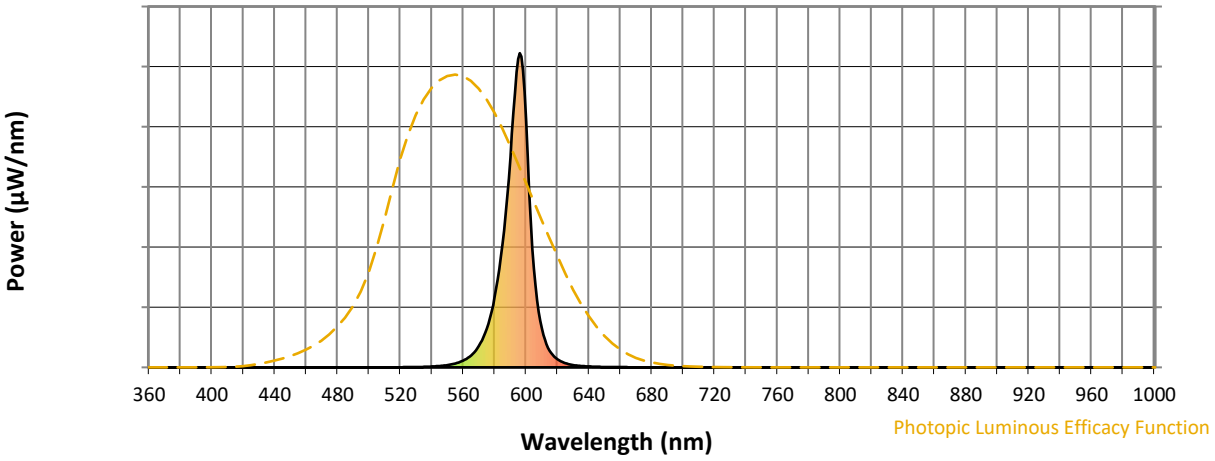


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

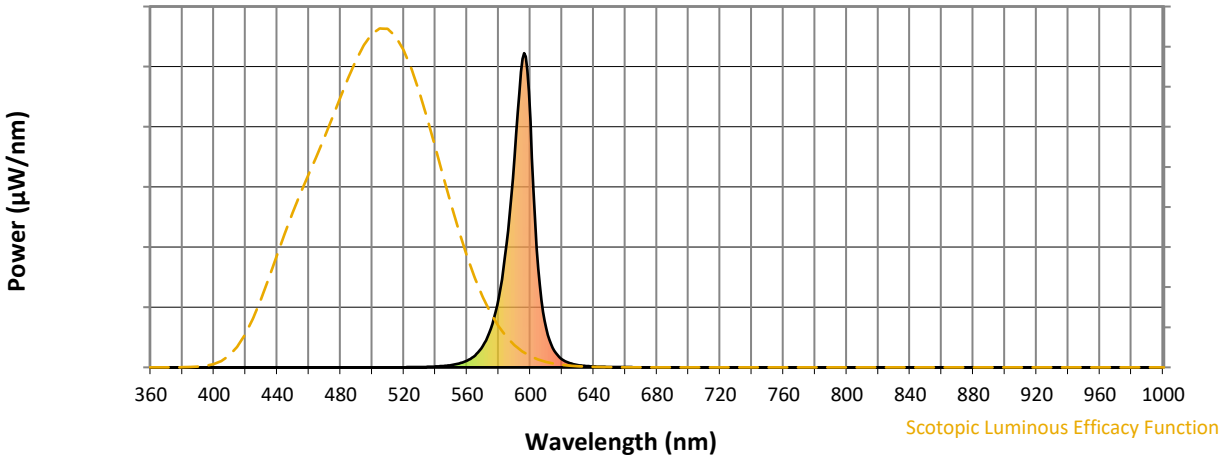


Photopic Lumens: NR

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

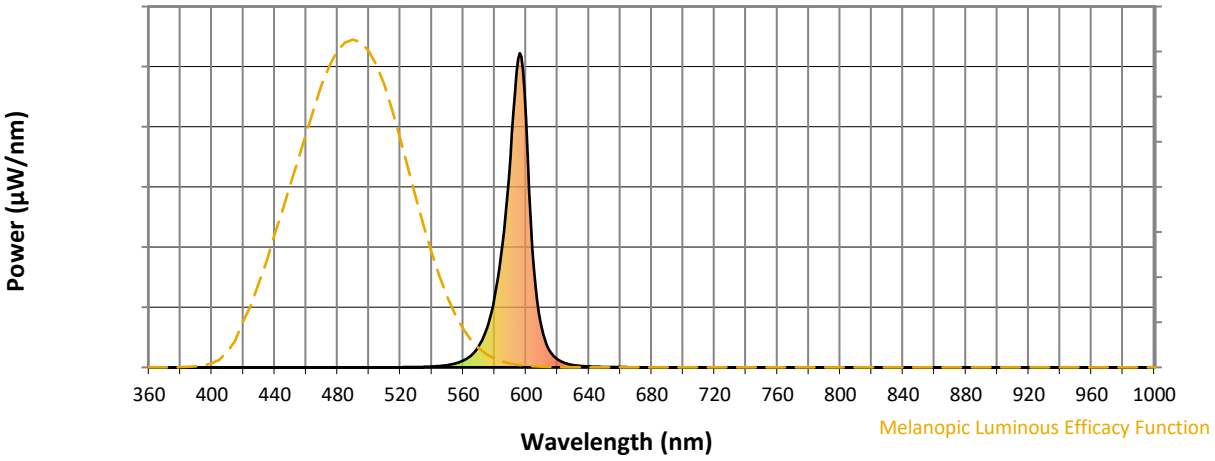


Scotopic Lumens: NR **S/P: 0.23**

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			

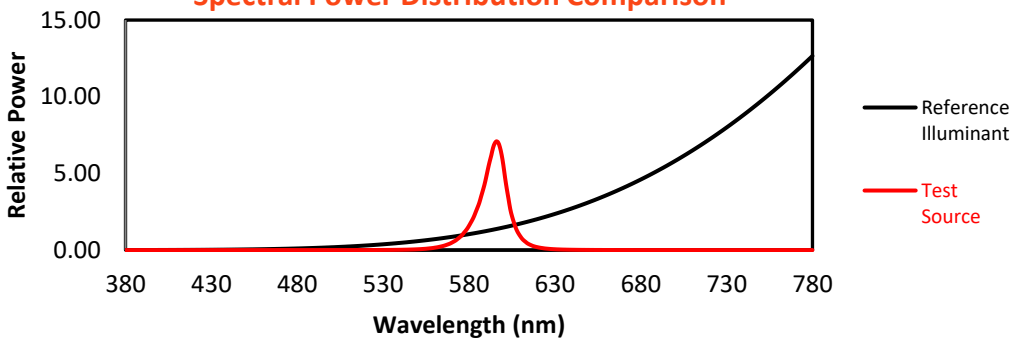
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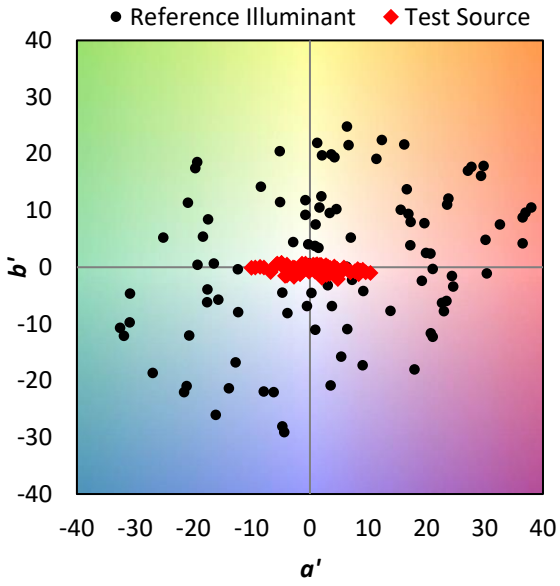
Summary

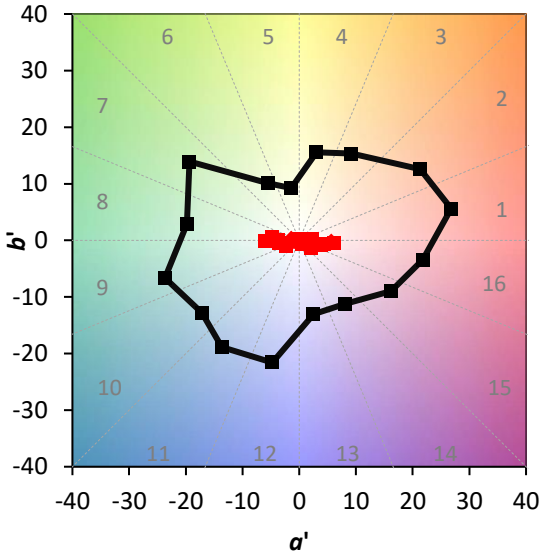
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

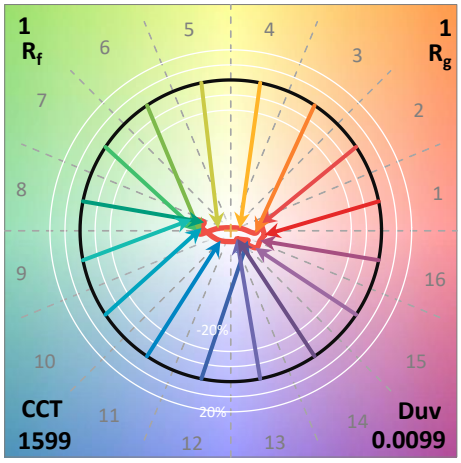
Spectral Power Distribution Comparison

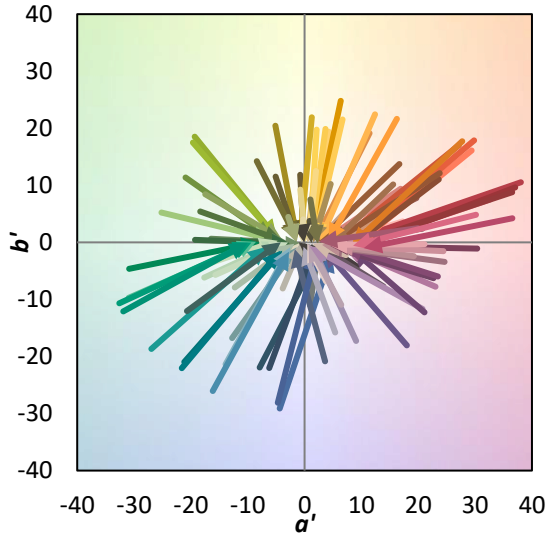


Color Vector Graphics







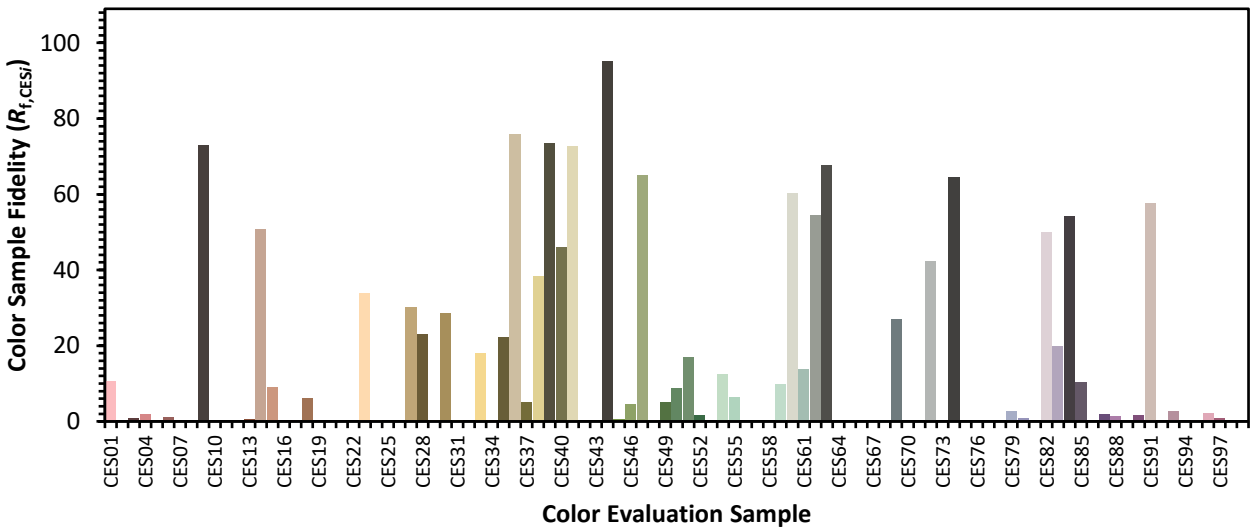


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Individual Sample Fidelity Index ($R_{f,i}$)

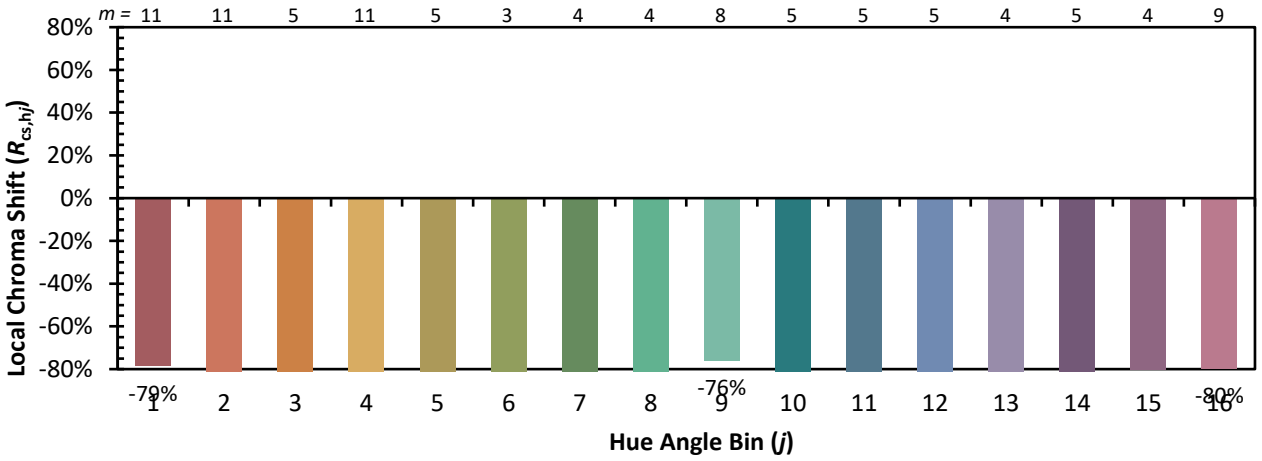
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

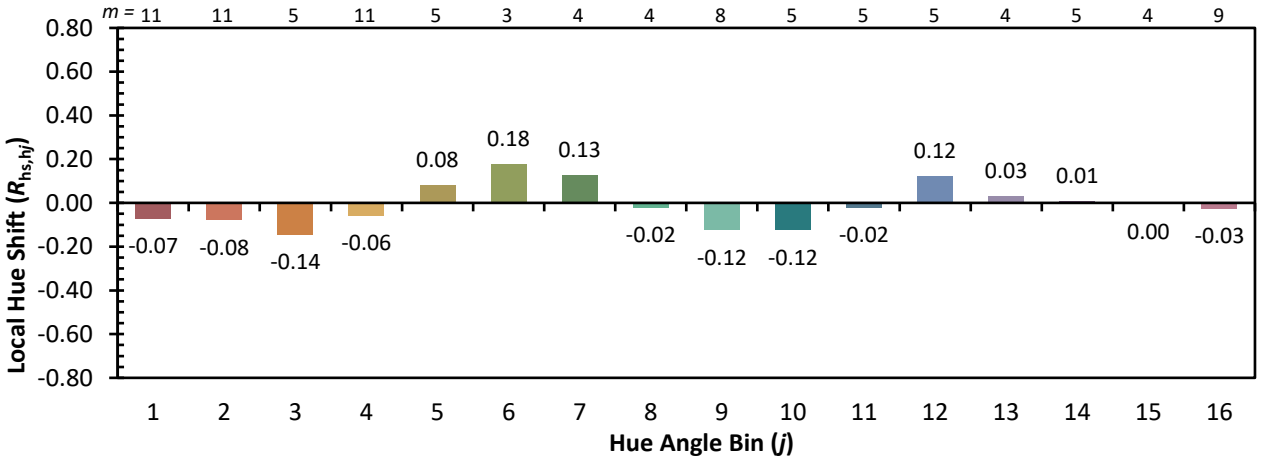


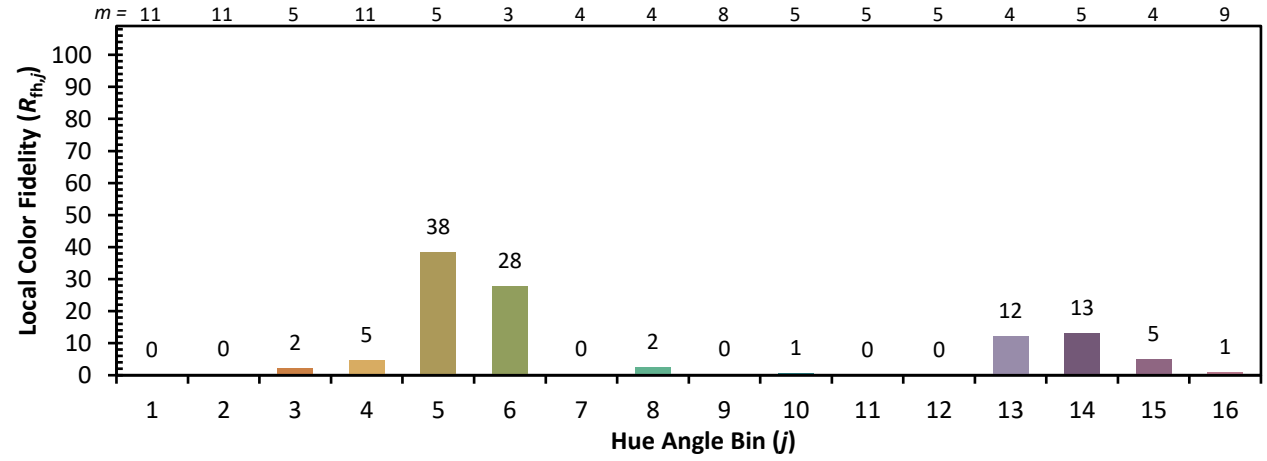
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Color Rendition by Hue-Angle Bin



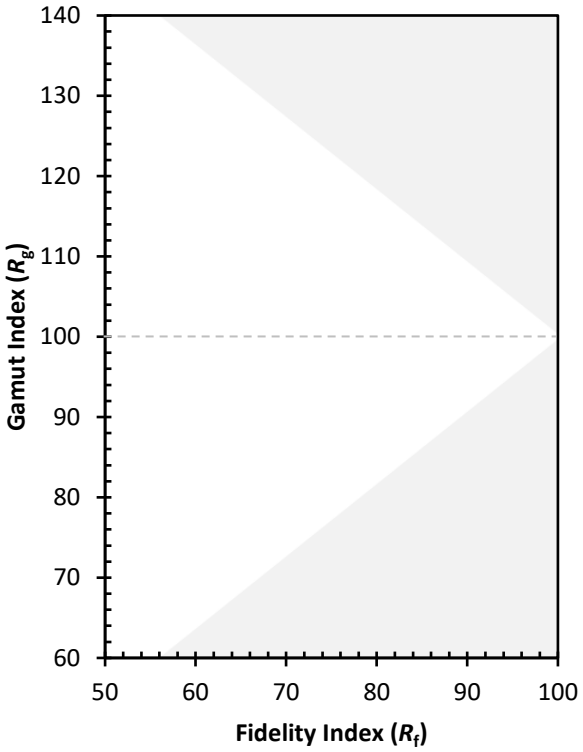


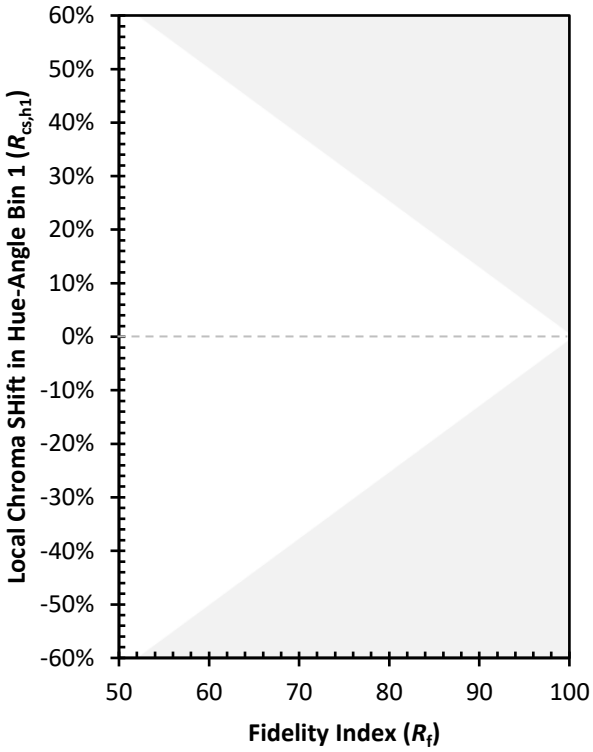


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Measure Comparisons





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