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-SL4-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-SL4-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T4 SPILL CONTROL 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:	2843.1 lumens
Efficiency:	N/A
Efficacy:	41.8 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

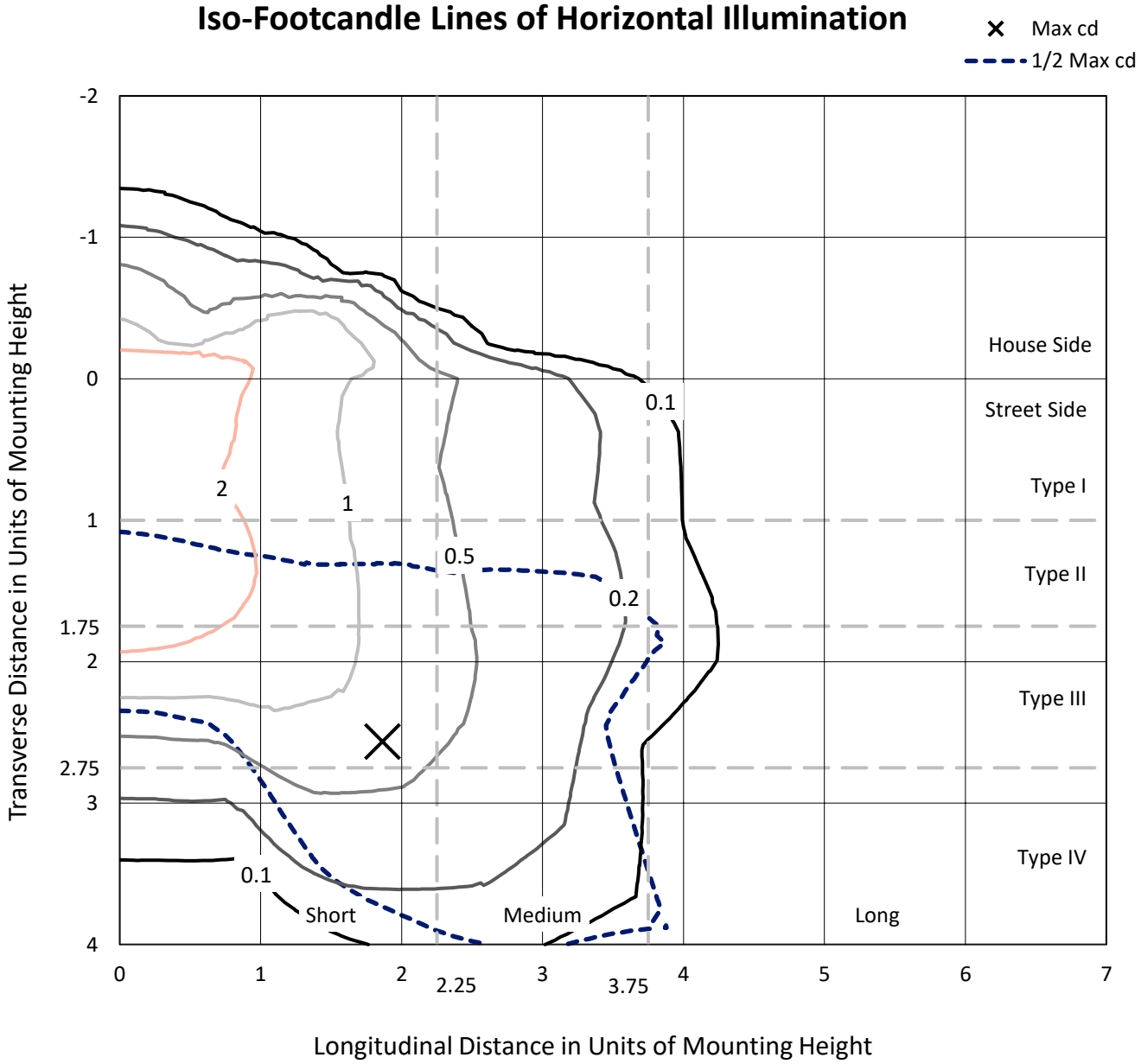


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REPORT NUMBER: P1704729
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Iso-Footcandle Lines of Horizontal Illumination



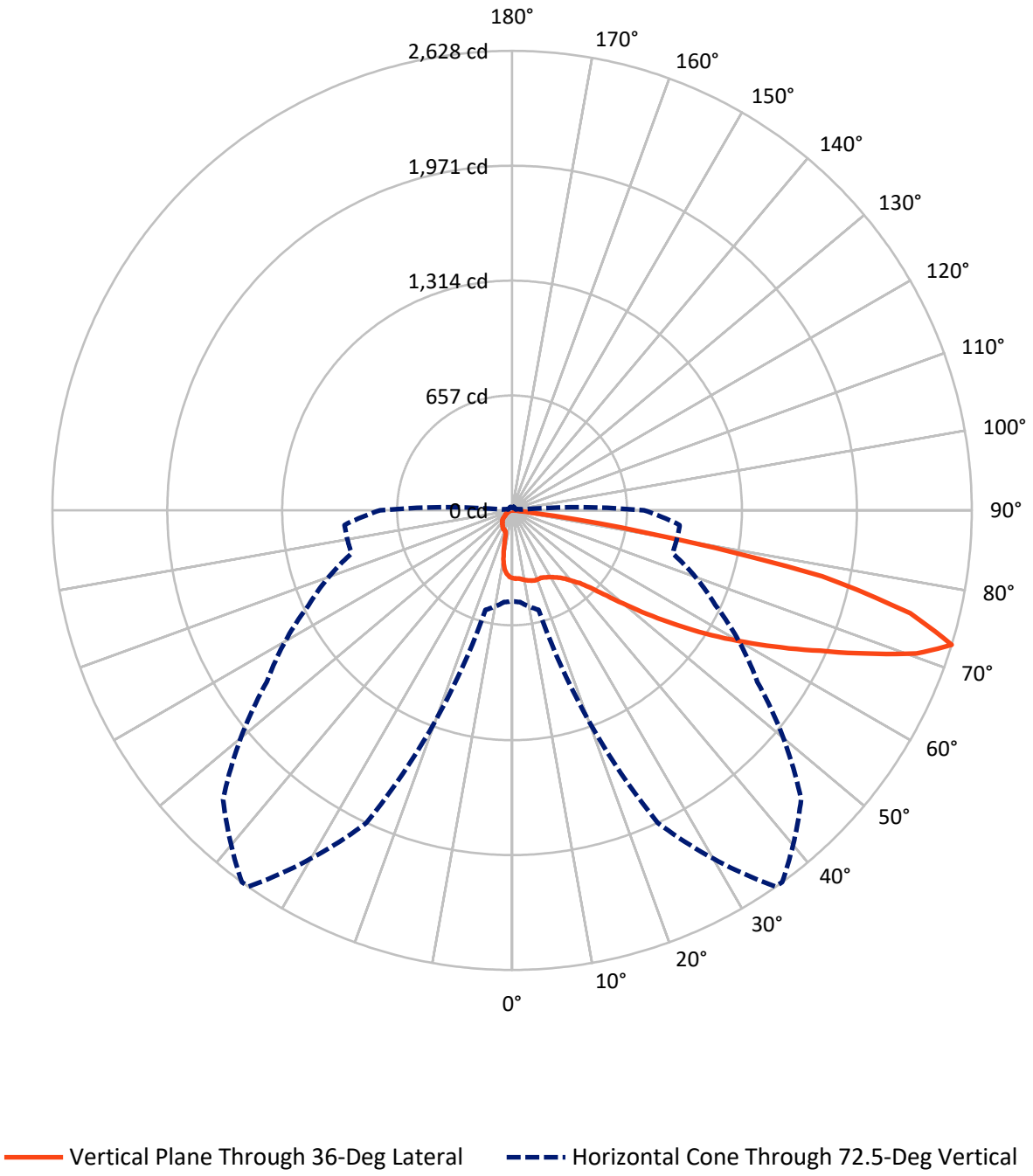
Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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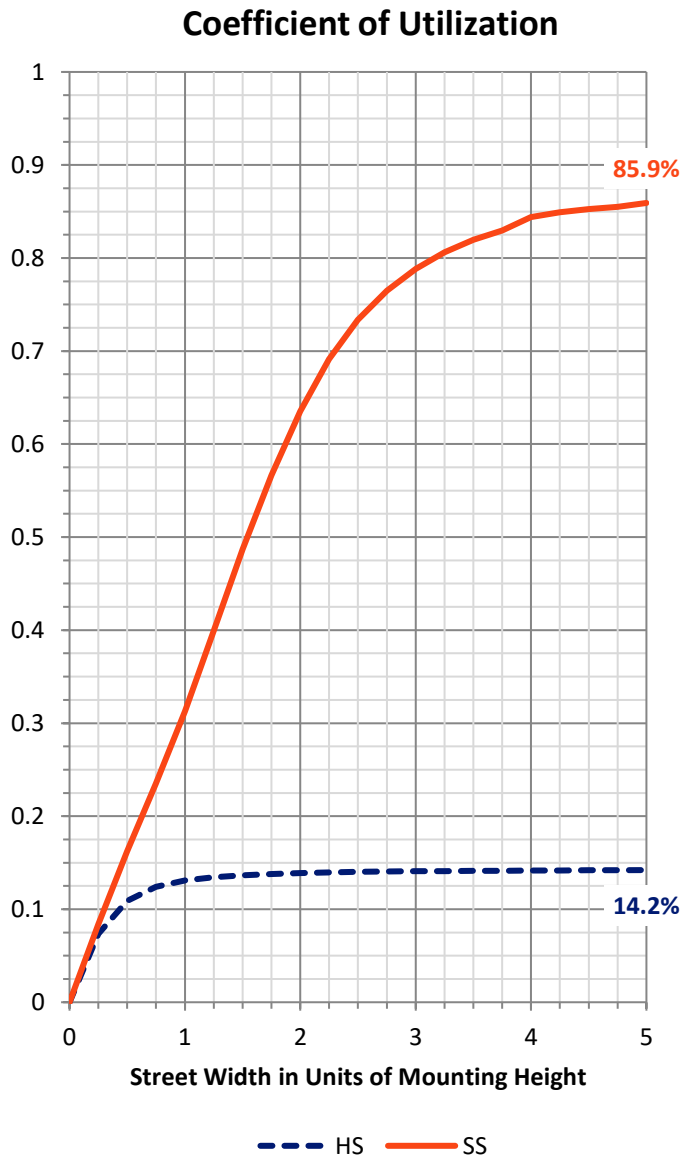
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	408.2	0.0	408.2
	% Fixture	14.4	0.0	14.4
Street Side	Lumens	2434.9	0.0	2434.9
	% Fixture	85.6	0.0	85.6
Total	Lumens	2843.1	0.0	2843.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	1.3
10°-20°	94.5	3.3
20°-30°	147.3	5.2
30°-40°	210.9	7.4
40°-50°	342.5	12.0
50°-60°	598.4	21.0
60°-70°	761.5	26.8
70°-80°	614.2	21.6
80°-90°	38.0	1.3
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°	2843.1	100.0
0°-180°	2843.1	100.0



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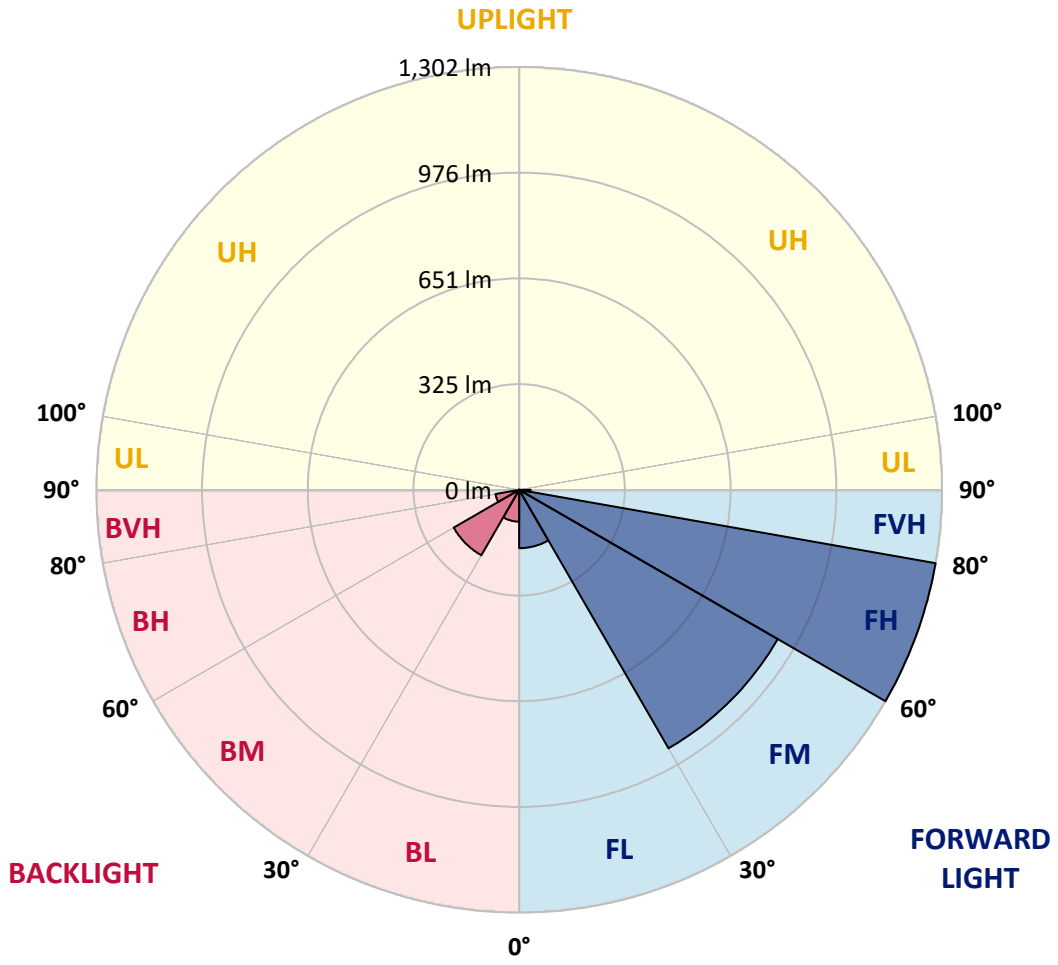
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	179.6	6.3			
FM	(30°-60°)	918.9	32.3			
FH	(60°-80°)	1301.6	45.8			G1/1800
FVH	(80°-90°)	34.7	1.2			G1/100
BL	(0°-30°)	98.0	3.4	B0/110		
BM	(30°-60°)	232.9	8.2	B1/1000		
BH	(60°-80°)	74.1	2.6	B0/110		G0/110
BVH	(80°-90°)	3.2	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	387.1	387.1	387.1	387.1	387.1	*387.1*	387.1	387.1	387.1	387.1	387.1
2.5°	395.1	391.1	389.1	389.1	389.1	*391.1*	389.1	389.1	387.1	385.1	385.1
5°	399.1	397.1	395.1	395.1	393.1	*391.1*	393.1	389.1	389.1	389.1	389.1
7.5°	405.1	403.1	401.1	399.1	397.1	*397.1*	397.1	395.1	393.1	393.1	391.1
10°	411.0	413.0	407.1	405.1	403.1	*405.1*	403.1	401.1	399.1	397.1	395.1
12.5°	425.0	421.0	417.0	413.0	409.1	*411.0*	413.0	409.1	409.1	409.1	403.1
15°	433.0	433.0	425.0	421.0	417.0	*417.0*	415.0	415.0	417.0	417.0	413.0
17.5°	435.0	429.0	423.0	421.0	423.0	*421.0*	419.0	419.0	425.0	425.0	425.0
20°	429.0	427.0	419.0	417.0	419.0	*421.0*	423.0	425.0	429.0	435.0	437.0
22.5°	431.0	427.0	419.0	415.0	417.0	*419.0*	425.0	431.0	433.0	439.0	445.0
25°	449.0	445.0	431.0	423.0	423.0	*425.0*	433.0	437.0	435.0	443.0	454.9
27.5°	466.9	464.9	445.0	435.0	437.0	*433.0*	439.0	439.0	441.0	445.0	458.9
30°	492.9	488.9	466.9	453.0	445.0	*443.0*	449.0	449.0	449.0	445.0	460.9
32.5°	532.8	522.8	496.9	470.9	456.9	*456.9*	458.9	460.9	453.0	445.0	462.9
35°	566.7	560.7	532.8	496.9	470.9	*472.9*	472.9	468.9	458.9	449.0	462.9
37.5°	636.5	624.6	582.7	534.8	498.8	*496.9*	484.9	480.9	468.9	451.0	460.9
40°	740.3	722.3	668.5	588.6	530.8	*530.8*	506.8	496.9	478.9	456.9	466.9
42.5°	868.0	862.0	788.2	672.4	572.7	*568.7*	530.8	510.8	490.9	464.9	472.9
45°	1069.5	1051.6	959.8	796.2	636.5	*630.5*	562.7	532.8	504.8	480.9	482.9
47.5°	1332.9	1291.0	1163.3	951.8	738.3	*728.3*	618.6	562.7	528.8	504.8	502.8
50°	1582.3	1542.4	1380.8	1125.4	870.0	*854.0*	712.4	604.6	558.7	530.8	526.8
52.5°	1807.8	1769.9	1616.3	1319.0	1019.6	*1003.7*	818.1	670.4	600.6	564.7	556.7
55°	1947.5	1905.6	1793.9	1514.5	1187.3	*1167.3*	931.8	746.3	656.5	604.6	600.6
57.5°	2051.3	2019.3	1903.6	1696.1	1370.8	*1346.9*	1059.5	836.1	730.3	654.5	646.5
60°	2091.2	2049.3	1985.4	1835.8	1556.4	*1528.5*	1197.2	939.8	812.1	714.3	698.4
62.5°	2107.1	2079.2	2039.3	1945.5	1744.0	*1726.0*	1346.9	1061.5	909.9	778.2	762.2
65°	1759.9	1777.9	1967.5	2101.1	1953.5	*1935.5*	1536.4	1211.2	1013.7	808.1	776.2
67.5°	1157.3	1185.3	1460.6	2161.0	2202.9	*2183.0*	1755.9	1368.8	1037.6	824.1	850.0
70°	720.3	746.3	983.7	2131.1	2458.3	*2452.3*	2081.2	1450.6	1147.3	895.9	919.9
72.5°	*518.8*	*526.8*	*588.6*	*1971.4*	*2625.9*	*2627.9*	*2336.6*	*1712.0*	*1283.0*	*949.8*	*961.8*
75°	353.2	361.2	421.0	1620.3	2362.5	*2350.6*	2284.7	1845.7	1430.7	949.8	850.0
77.5°	93.8	97.8	127.7	889.9	1708.1	*1811.8*	1889.6	995.7	1265.1	622.6	385.1
80°	27.9	29.9	49.9	145.7	708.4	*766.2*	1209.2	245.4	355.2	157.6	55.9
82.5°	12.0	12.0	31.9	47.9	103.8	*113.7*	233.5	51.9	103.8	33.9	16.0
85°	4.0	6.0	16.0	21.9	23.9	*23.9*	25.9	16.0	29.9	18.0	6.0
87.5°	0.0	2.0	2.0	4.0	4.0	*4.0*	4.0	4.0	4.0	4.0	4.0
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-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1
2.5°	387.1	387.1	385.1	385.1	381.1	383.1	381.1	379.1	377.1	379.1	377.1
5°	385.1	385.1	381.1	379.1	373.1	369.1	365.2	363.2	359.2	359.2	361.2
7.5°	389.1	387.1	383.1	375.1	367.2	355.2	341.2	331.2	323.3	317.3	319.3
10°	393.1	391.1	383.1	371.1	353.2	329.2	293.3	261.4	243.4	233.5	233.5
12.5°	401.1	399.1	389.1	367.2	335.2	273.4	219.5	179.6	155.6	145.7	147.7
15°	409.1	407.1	395.1	363.2	287.3	201.5	143.7	133.7	135.7	135.7	137.7
17.5°	421.0	419.0	403.1	343.2	227.5	137.7	127.7	129.7	131.7	133.7	135.7
20°	433.0	431.0	415.0	309.3	161.6	123.7	123.7	125.7	127.7	131.7	131.7
22.5°	445.0	445.0	425.0	259.4	121.7	117.7	119.7	121.7	125.7	127.7	127.7
25°	456.9	460.9	425.0	199.5	113.7	113.7	117.7	119.7	121.7	125.7	125.7
27.5°	464.9	470.9	409.1	139.7	107.8	109.7	113.7	115.7	119.7	123.7	123.7
30°	472.9	482.9	383.1	111.7	103.8	103.8	107.8	111.7	115.7	121.7	121.7
32.5°	480.9	494.9	357.2	109.7	99.8	99.8	103.8	107.8	113.7	117.7	119.7
35°	484.9	508.8	335.2	123.7	95.8	95.8	97.8	101.8	109.7	115.7	115.7
37.5°	486.9	522.8	321.3	149.7	97.8	91.8	91.8	95.8	101.8	109.7	111.7
40°	494.9	540.7	317.3	189.6	107.8	89.8	89.8	89.8	93.8	101.8	103.8
42.5°	500.8	554.7	331.2	211.5	121.7	85.8	83.8	81.8	81.8	87.8	87.8
45°	514.8	576.7	411.0	219.5	131.7	81.8	77.8	71.8	69.8	71.8	71.8
47.5°	532.8	610.6	562.7	227.5	127.7	77.8	69.8	61.9	59.9	59.9	61.9
50°	552.7	670.4	736.3	245.4	117.7	73.8	59.9	53.9	53.9	53.9	53.9
52.5°	590.6	754.3	840.1	233.5	105.8	63.9	51.9	47.9	47.9	47.9	47.9
55°	630.5	842.1	842.1	173.6	93.8	55.9	45.9	45.9	45.9	43.9	43.9
57.5°	680.4	925.9	732.3	113.7	77.8	47.9	41.9	41.9	41.9	39.9	39.9
60°	748.3	945.8	532.8	79.8	55.9	41.9	39.9	39.9	37.9	35.9	35.9
62.5°	828.1	838.1	293.3	51.9	41.9	35.9	35.9	35.9	33.9	29.9	29.9
65°	838.1	558.7	109.7	37.9	33.9	31.9	31.9	31.9	27.9	23.9	23.9
67.5°	880.0	365.2	39.9	31.9	29.9	27.9	27.9	27.9	23.9	21.9	20.0
70°	840.1	151.6	27.9	25.9	23.9	21.9	23.9	23.9	21.9	18.0	18.0
72.5°	*754.3*	*55.9*	*21.9*	*21.9*	*20.0*	*18.0*	*20.0*	*21.9*	*18.0*	*16.0*	*16.0*
75°	538.8	23.9	16.0	16.0	14.0	14.0	16.0	18.0	16.0	14.0	14.0
77.5°	199.5	16.0	14.0	12.0	10.0	12.0	14.0	14.0	12.0	12.0	10.0
80°	39.9	12.0	10.0	8.0	8.0	10.0	12.0	12.0	10.0	10.0	10.0
82.5°	12.0	8.0	8.0	6.0	6.0	8.0	8.0	8.0	8.0	8.0	8.0
85°	6.0	4.0	4.0	6.0	6.0	6.0	6.0	8.0	8.0	8.0	8.0
87.5°	4.0	4.0	2.0	2.0	4.0	4.0	4.0	6.0	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

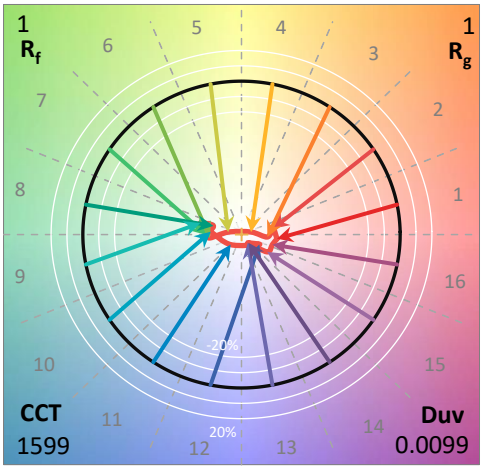
Test Information

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

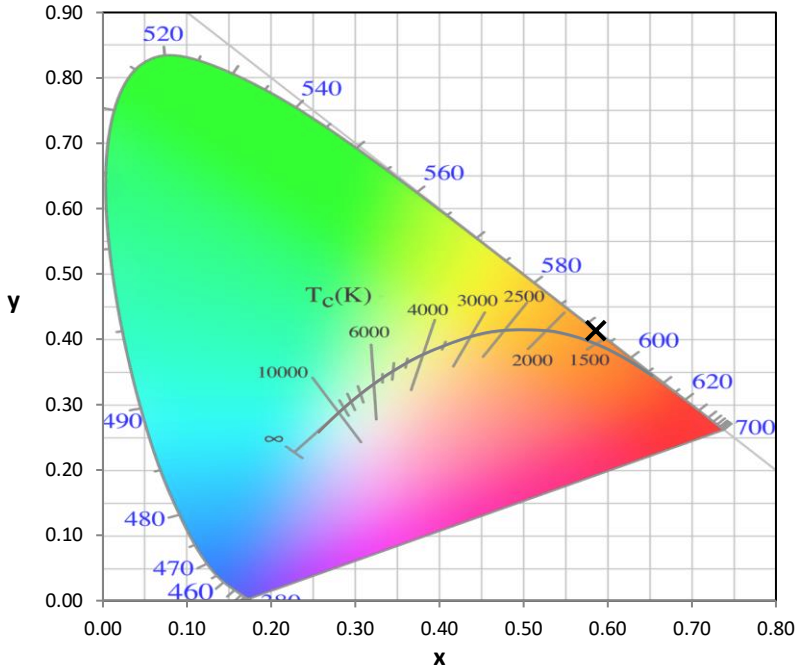
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

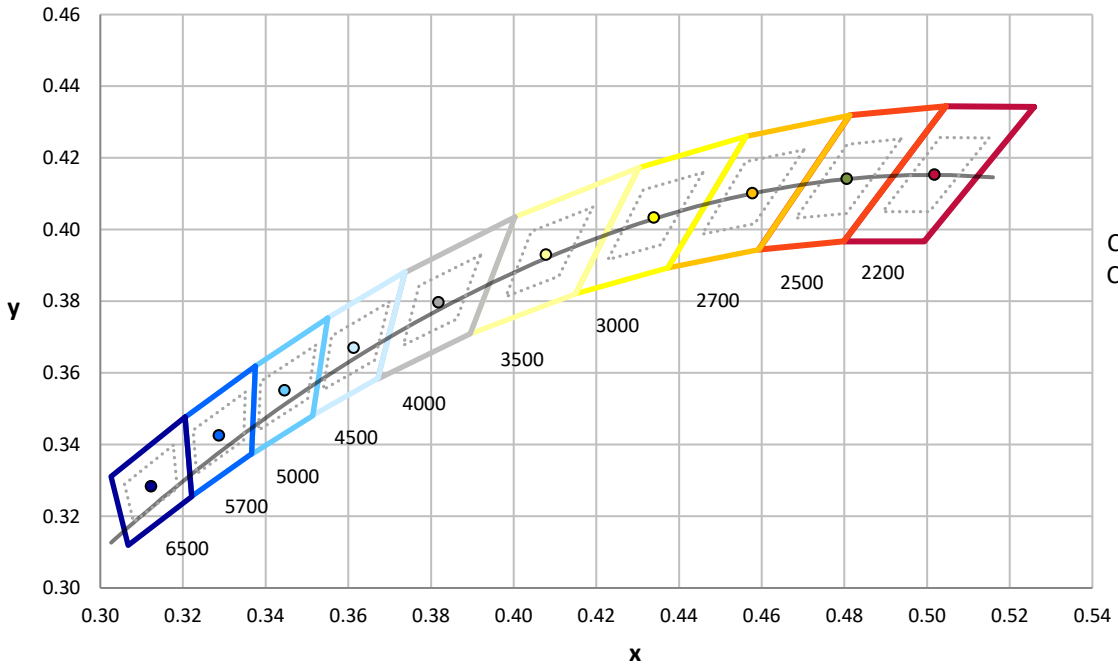
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

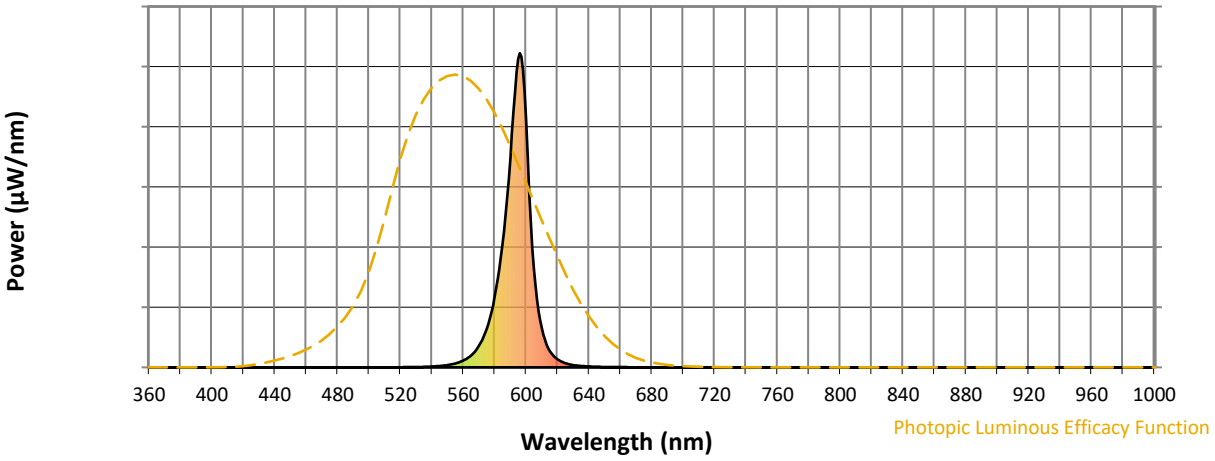


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

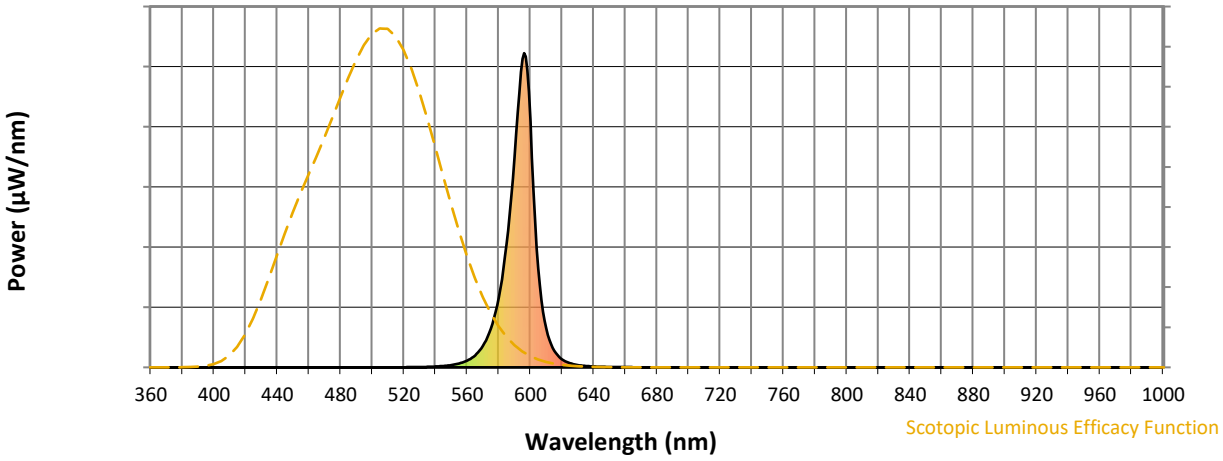


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

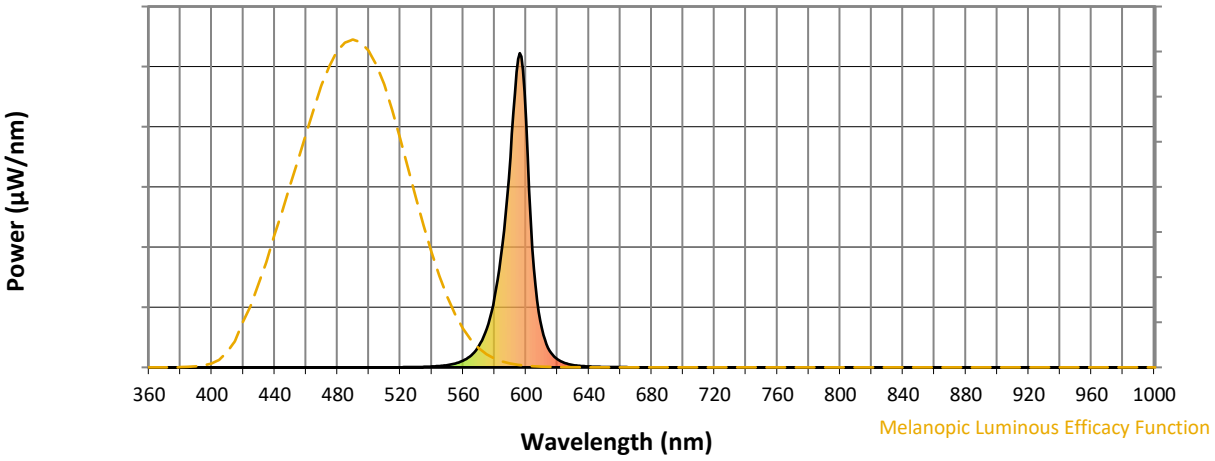


Scotopic Lumens: NR **S/P: 0.23**

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			

REPORT NUMBER: SP3-2509-541-1

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			

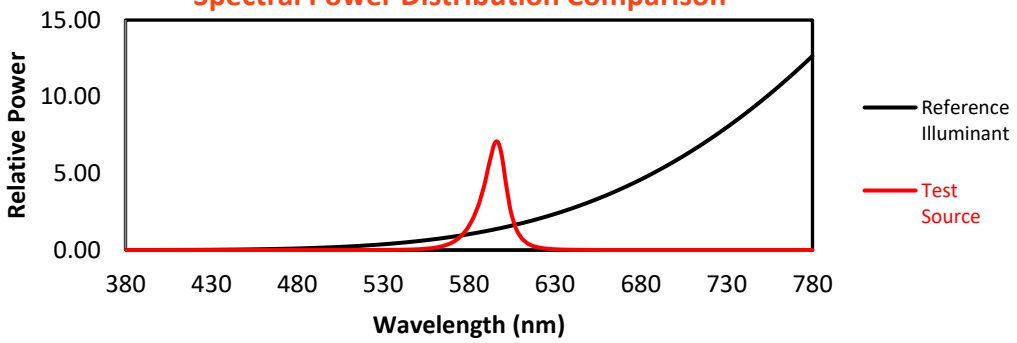
REPORT NUMBER: SP3-2509-541-1

TM-30-18

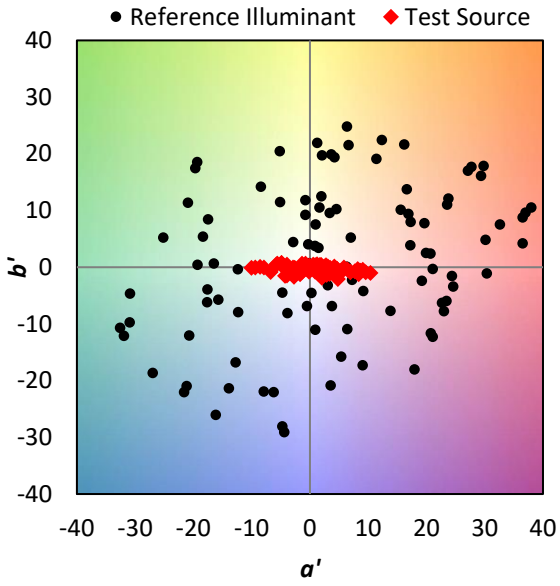
Summary

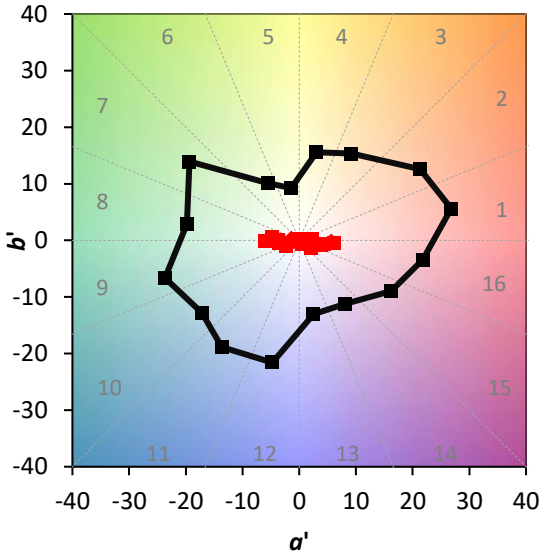
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

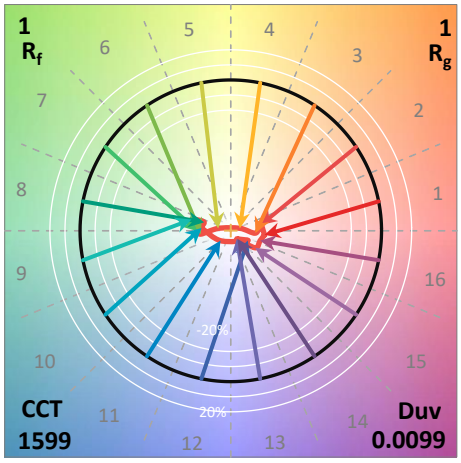
Spectral Power Distribution Comparison

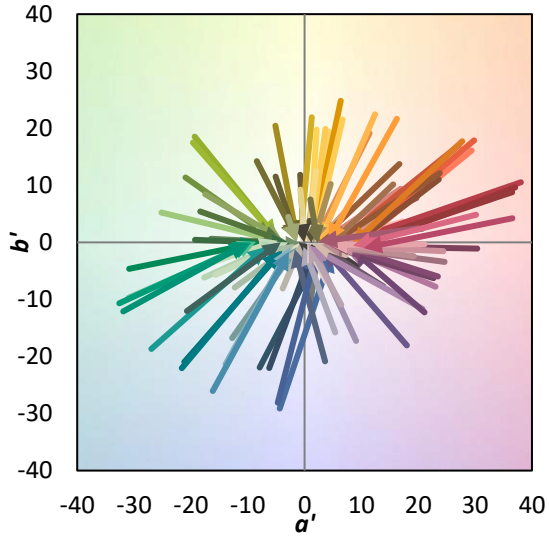


Color Vector Graphics







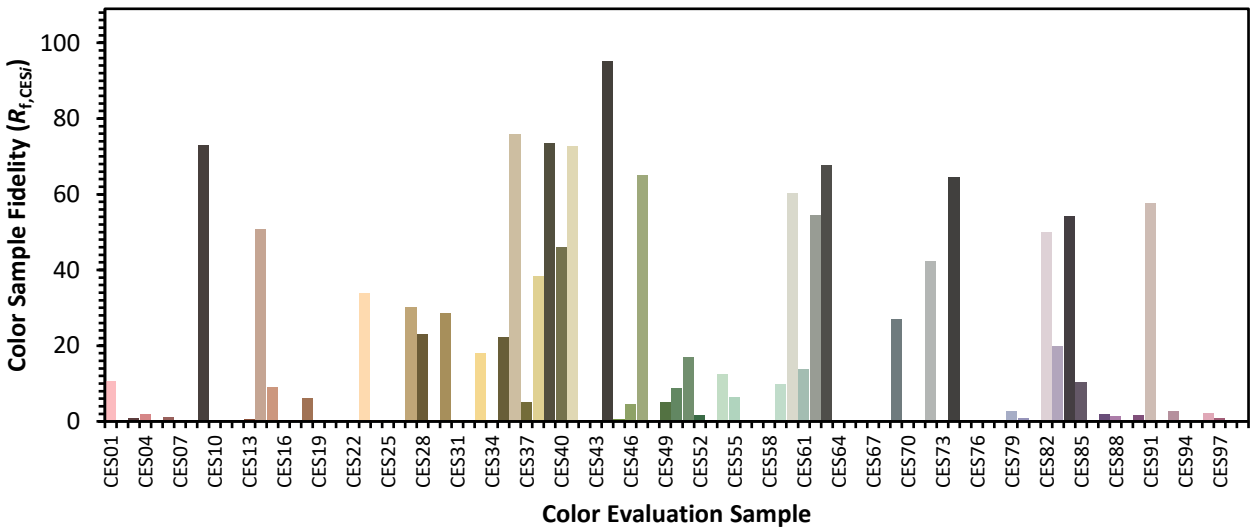


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

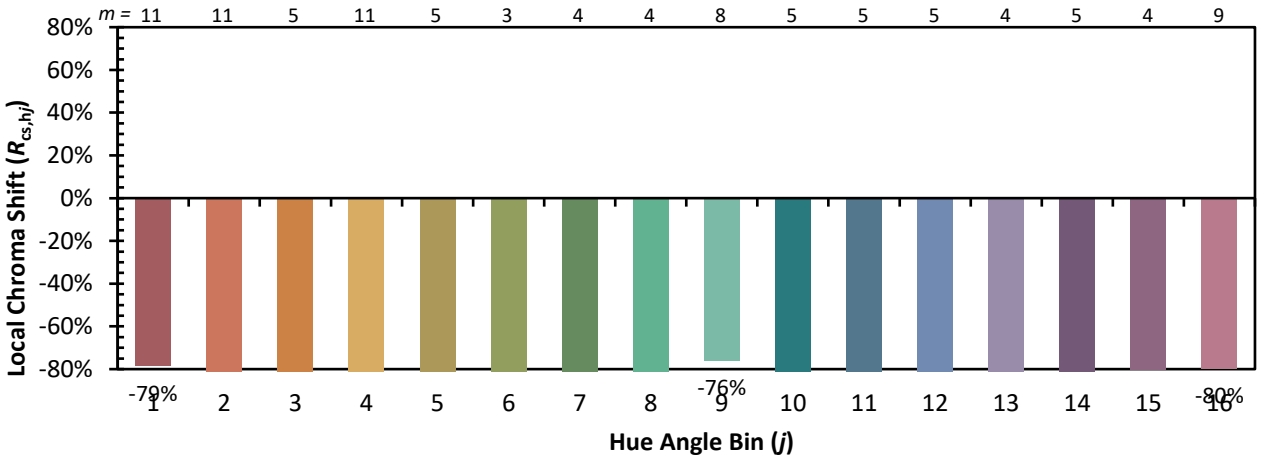
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

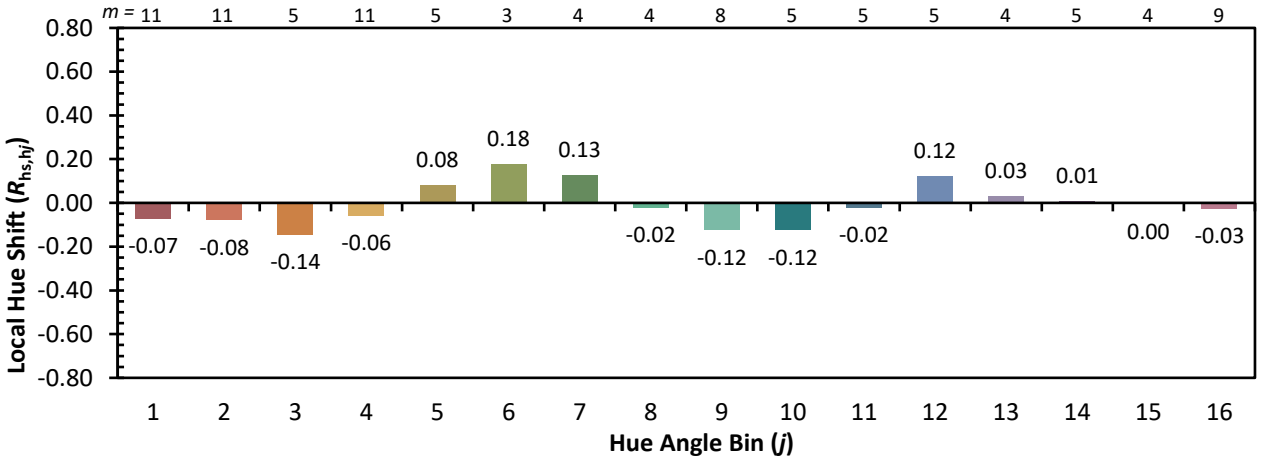


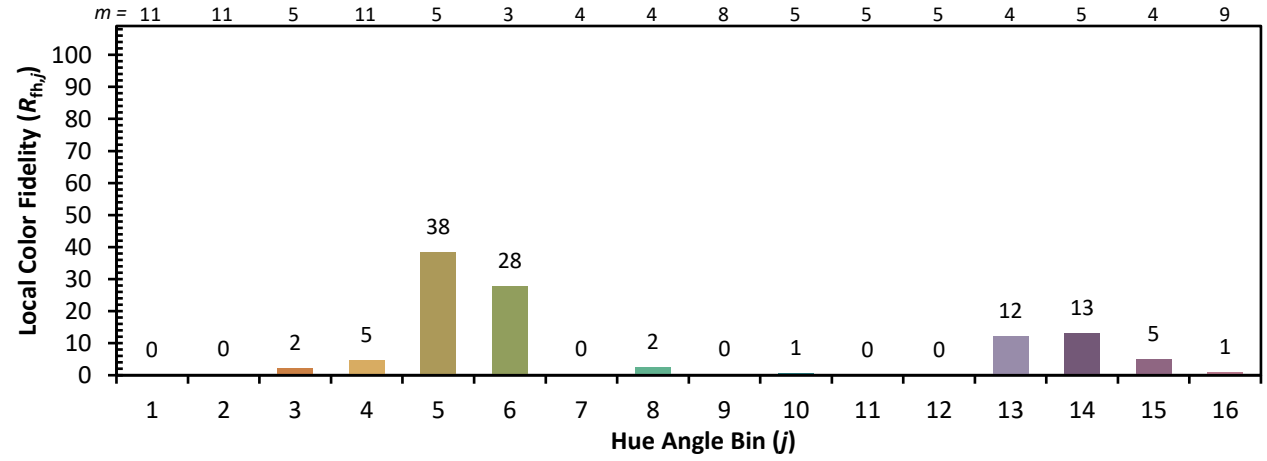
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



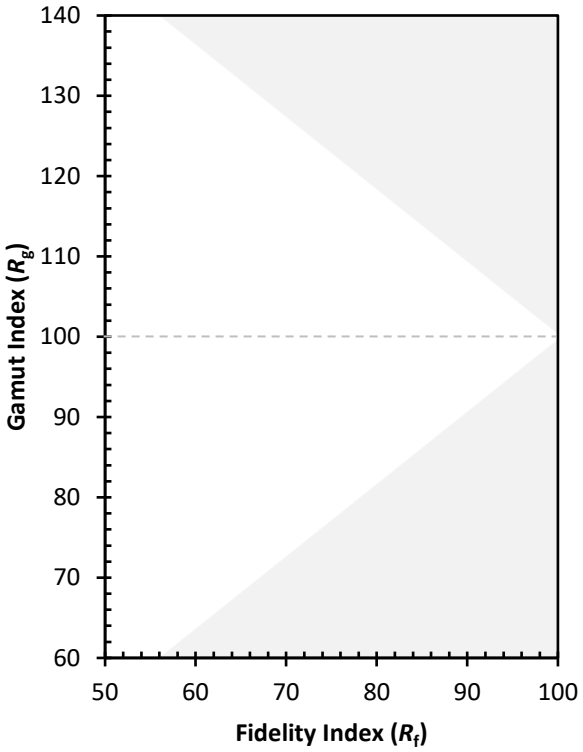


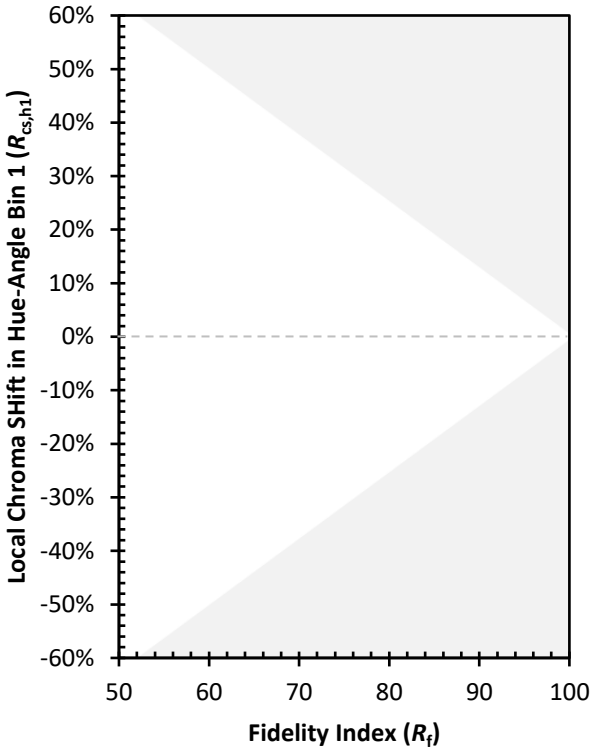


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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