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: P1704730

Luminaire Tested: GSS-SB3A-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:	P1704730
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-AMB-U-SL4-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 SPILL CONTROL DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4262.4 lumens
Efficiency:	N/A
Efficacy:	42.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	101
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

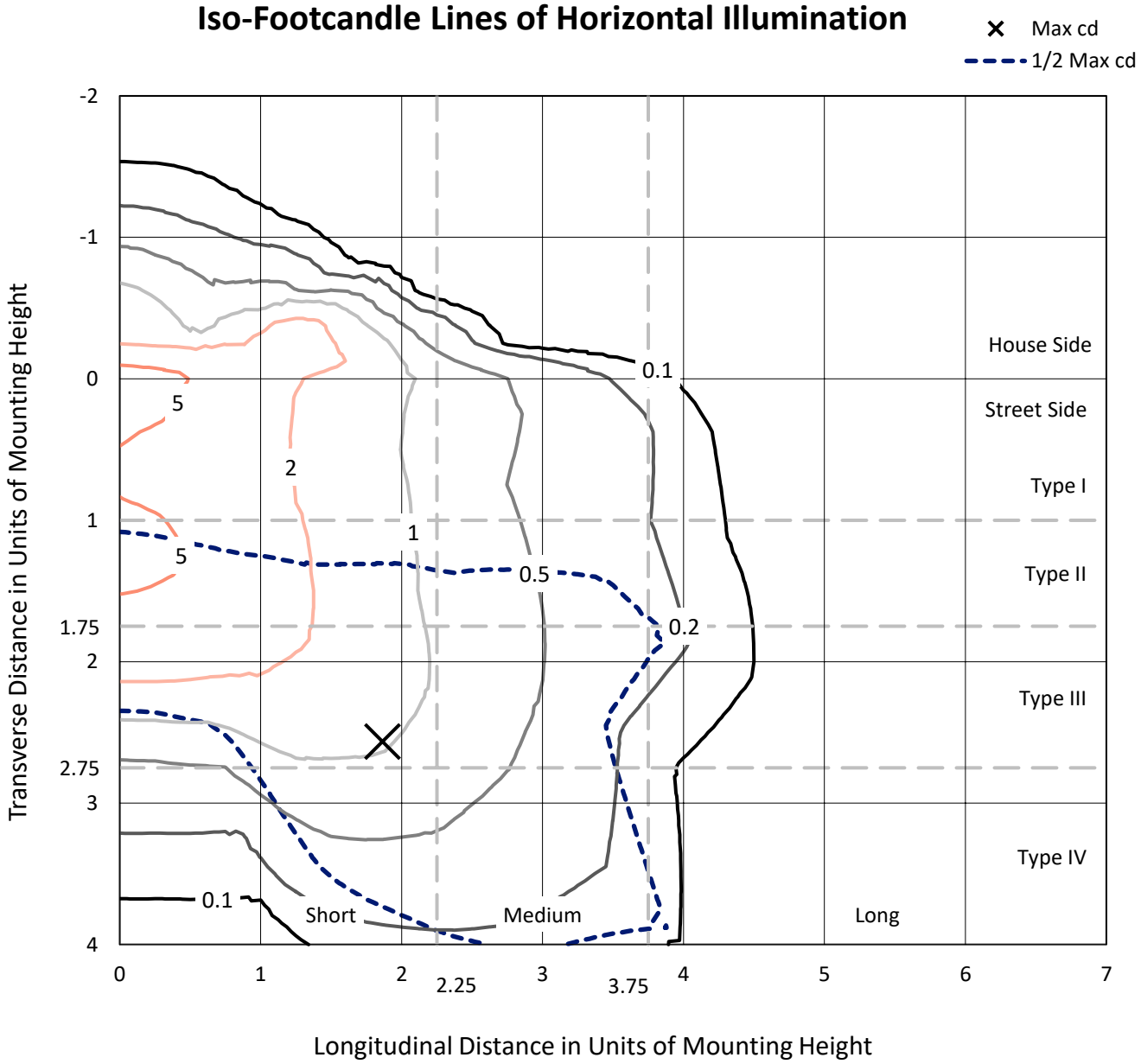


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



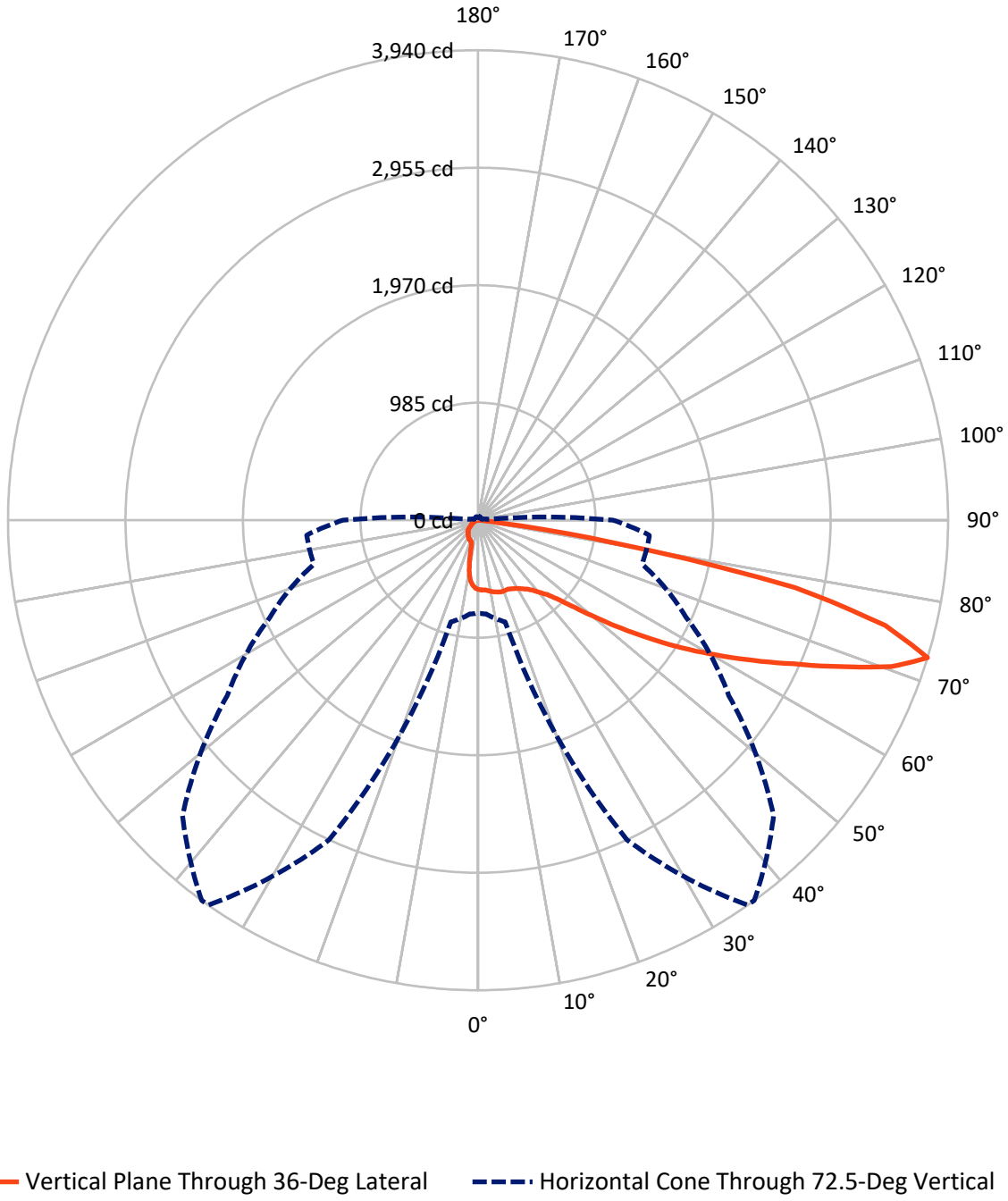
Based on 10 foot mounting height. Maximum calculated value = 6.2 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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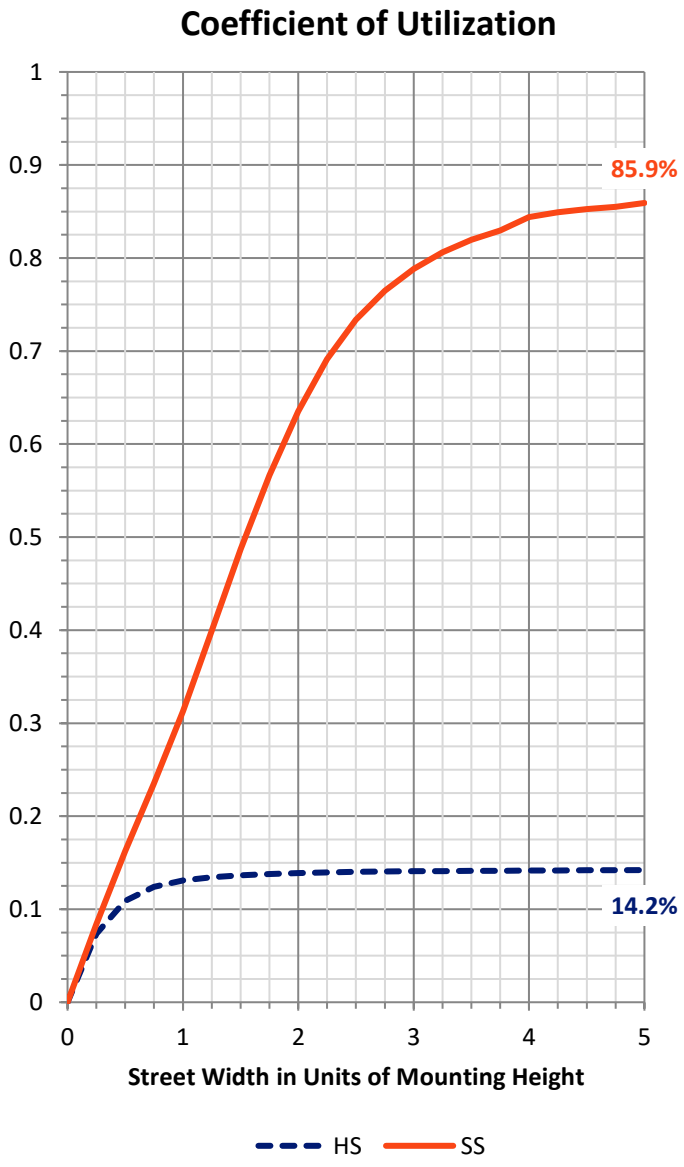
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	612.0	0.0	612.0
	% Fixture	14.4	0.0	14.4
Street Side	Lumens	3650.3	0.0	3650.3
	% Fixture	85.6	0.0	85.6
Total	Lumens	4262.4	0.0	4262.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.7	1.3
10°-20°	141.7	3.3
20°-30°	220.9	5.2
30°-40°	316.1	7.4
40°-50°	513.5	12.0
50°-60°	897.1	21.0
60°-70°	1141.6	26.8
70°-80°	920.8	21.6
80°-90°	56.9	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°	4262.4	100.0
0°-180°	4262.4	100.0



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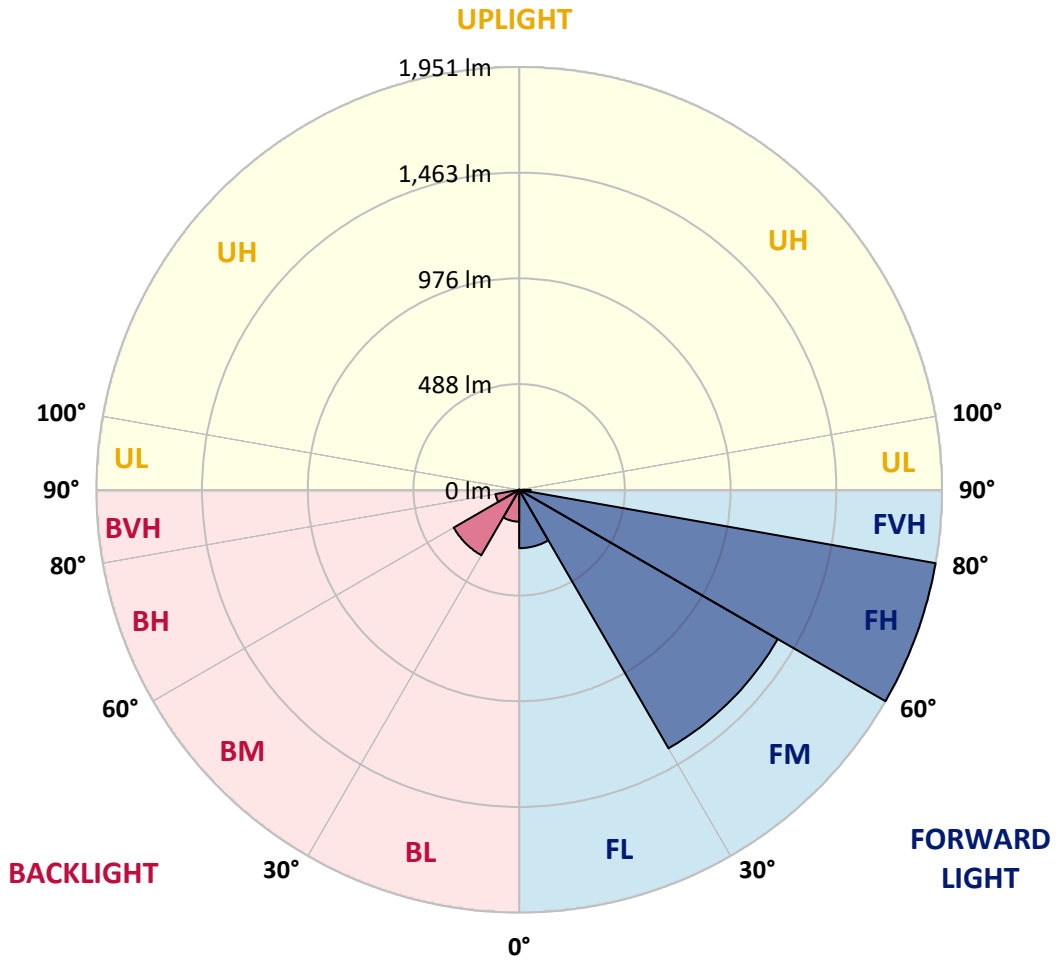
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-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°)	269.3	6.3			
FM	(30°-60°)	1377.6	32.3			
FH	(60°-80°)	1951.3	45.8			G2/5000
FVH	(80°-90°)	52.1	1.2			G1/100
BL	(0°-30°)	146.9	3.4	B1/500		
BM	(30°-60°)	349.1	8.2	B1/1000		
BH	(60°-80°)	111.1	2.6	B1/500		G1/500
BVH	(80°-90°)	4.8	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	580.3	580.3	580.3	580.3	580.3	*580.3*	580.3	580.3	580.3	580.3	580.3
2.5°	592.3	586.3	583.3	583.3	583.3	*586.3*	583.3	583.3	580.3	577.3	577.3
5°	598.3	595.3	592.3	592.3	589.3	*586.3*	589.3	583.3	583.3	583.3	583.3
7.5°	607.3	604.3	601.3	598.3	595.3	*595.3*	595.3	592.3	589.3	589.3	586.3
10°	616.2	619.2	610.3	607.3	604.3	*607.3*	604.3	601.3	598.3	595.3	592.3
12.5°	637.2	631.2	625.2	619.2	613.2	*616.2*	619.2	613.2	613.2	613.2	604.3
15°	649.1	649.1	637.2	631.2	625.2	*625.2*	622.2	622.2	625.2	625.2	619.2
17.5°	652.1	643.2	634.2	631.2	634.2	*631.2*	628.2	628.2	637.2	637.2	637.2
20°	643.2	640.2	628.2	625.2	628.2	*631.2*	634.2	637.2	643.2	652.1	655.1
22.5°	646.1	640.2	628.2	622.2	625.2	*628.2*	637.2	646.1	649.1	658.1	667.1
25°	673.1	667.1	646.1	634.2	634.2	*637.2*	649.1	655.1	652.1	664.1	682.0
27.5°	700.0	697.0	667.1	652.1	655.1	*649.1*	658.1	658.1	661.1	667.1	688.0
30°	738.9	732.9	700.0	679.1	667.1	*664.1*	673.1	673.1	673.1	667.1	691.0
32.5°	798.7	783.8	744.9	706.0	685.0	*685.0*	688.0	691.0	679.1	667.1	694.0
35°	849.6	840.6	798.7	744.9	706.0	*709.0*	709.0	703.0	688.0	673.1	694.0
37.5°	954.3	936.3	873.5	801.7	747.9	*744.9*	726.9	720.9	703.0	676.1	691.0
40°	1109.8	1082.9	1002.1	882.5	795.7	*795.7*	759.8	744.9	717.9	685.0	700.0
42.5°	1301.3	1292.3	1181.6	1008.1	858.5	*852.6*	795.7	765.8	735.9	697.0	709.0
45°	1603.4	1576.5	1438.9	1193.6	954.3	*945.3*	843.6	798.7	756.8	720.9	723.9
47.5°	1998.3	1935.5	1744.0	1426.9	1106.8	*1091.9*	927.3	843.6	792.7	756.8	753.8
50°	2372.2	2312.4	2070.1	1687.2	1304.3	*1280.3*	1067.9	906.4	837.6	795.7	789.7
52.5°	2710.2	2653.4	2423.1	1977.3	1528.6	*1504.7*	1226.5	1005.1	900.4	846.6	834.6
55°	2919.6	2856.8	2689.3	2270.5	1779.9	*1750.0*	1397.0	1118.8	984.2	906.4	900.4
57.5°	3075.2	3027.3	2853.8	2542.7	2055.1	*2019.2*	1588.4	1253.4	1094.9	981.2	969.2
60°	3135.0	3072.2	2976.5	2752.1	2333.3	*2291.4*	1794.9	1409.0	1217.5	1070.9	1047.0
62.5°	3158.9	3117.1	3057.2	2916.6	2614.5	*2587.6*	2019.2	1591.4	1364.1	1166.7	1142.7
65°	2638.4	2665.4	2949.5	3150.0	2928.6	*2901.7*	2303.4	1815.8	1519.6	1211.5	1163.7
67.5°	1735.0	1776.9	2189.7	3239.7	3302.5	*3272.6*	2632.5	2052.1	1555.5	1235.5	1274.3
70°	1079.9	1118.8	1474.8	3194.8	3685.4	*3676.5*	3120.1	2174.8	1720.1	1343.2	1379.0
72.5°	*777.8*	*789.7*	*882.5*	*2955.5*	*3936.7*	*3939.7*	*3503.0*	*2566.6*	*1923.5*	*1423.9*	*1441.9*
75°	529.5	541.4	631.2	2429.0	3541.8	*3523.9*	3425.2	2767.1	2144.9	1423.9	1274.3
77.5°	140.6	146.6	191.5	1334.2	2560.7	*2716.2*	2832.9	1492.7	1896.6	933.3	577.3
80°	41.9	44.9	74.8	218.4	1062.0	*1148.7*	1812.8	367.9	532.5	236.3	83.8
82.5°	17.9	17.9	47.9	71.8	155.6	*170.5*	350.0	77.8	155.6	50.9	23.9
85°	6.0	9.0	23.9	32.9	35.9	*35.9*	38.9	23.9	44.9	26.9	9.0
87.5°	0.0	3.0	3.0	6.0	6.0	*6.0*	6.0	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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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	580.3	580.3	580.3	580.3	580.3	580.3	580.3	580.3	580.3	580.3	580.3
2.5°	580.3	580.3	577.3	577.3	571.4	574.4	571.4	568.4	565.4	568.4	565.4
5°	577.3	577.3	571.4	568.4	559.4	553.4	547.4	544.4	538.5	538.5	541.4
7.5°	583.3	580.3	574.4	562.4	550.4	532.5	511.5	496.6	484.6	475.6	478.6
10°	589.3	586.3	574.4	556.4	529.5	493.6	439.7	391.9	365.0	350.0	350.0
12.5°	601.3	598.3	583.3	550.4	502.6	409.8	329.1	269.2	233.3	218.4	221.4
15°	613.2	610.3	592.3	544.4	430.8	302.1	215.4	200.4	203.4	203.4	206.4
17.5°	631.2	628.2	604.3	514.5	341.0	206.4	191.5	194.4	197.4	200.4	203.4
20°	649.1	646.1	622.2	463.7	242.3	185.5	185.5	188.5	191.5	197.4	197.4
22.5°	667.1	667.1	637.2	388.9	182.5	176.5	179.5	182.5	188.5	191.5	191.5
25°	685.0	691.0	637.2	299.1	170.5	170.5	176.5	179.5	182.5	188.5	188.5
27.5°	697.0	706.0	613.2	209.4	161.5	164.5	170.5	173.5	179.5	185.5	185.5
30°	709.0	723.9	574.4	167.5	155.6	155.6	161.5	167.5	173.5	182.5	182.5
32.5°	720.9	741.9	535.5	164.5	149.6	149.6	155.6	161.5	170.5	176.5	179.5
35°	726.9	762.8	502.6	185.5	143.6	143.6	146.6	152.6	164.5	173.5	173.5
37.5°	729.9	783.8	481.6	224.4	146.6	137.6	137.6	143.6	152.6	164.5	167.5
40°	741.9	810.7	475.6	284.2	161.5	134.6	134.6	134.6	140.6	152.6	155.6
42.5°	750.8	831.6	496.6	317.1	182.5	128.6	125.6	122.6	122.6	131.6	131.6
45°	771.8	864.5	616.2	329.1	197.4	122.6	116.7	107.7	104.7	107.7	107.7
47.5°	798.7	915.4	843.6	341.0	191.5	116.7	104.7	92.7	89.7	89.7	92.7
50°	828.6	1005.1	1103.8	367.9	176.5	110.7	89.7	80.8	80.8	80.8	80.8
52.5°	885.5	1130.8	1259.4	350.0	158.5	95.7	77.8	71.8	71.8	71.8	71.8
55°	945.3	1262.4	1262.4	260.3	140.6	83.8	68.8	68.8	68.8	65.8	65.8
57.5°	1020.1	1388.0	1097.9	170.5	116.7	71.8	62.8	62.8	62.8	59.8	59.8
60°	1121.8	1417.9	798.7	119.7	83.8	62.8	59.8	59.8	56.8	53.8	53.8
62.5°	1241.4	1256.4	439.7	77.8	62.8	53.8	53.8	53.8	50.9	44.9	44.9
65°	1256.4	837.6	164.5	56.8	50.9	47.9	47.9	47.9	41.9	35.9	35.9
67.5°	1319.2	547.4	59.8	47.9	44.9	41.9	41.9	41.9	35.9	32.9	29.9
70°	1259.4	227.3	41.9	38.9	35.9	32.9	35.9	35.9	32.9	26.9	26.9
72.5°	*1130.8*	*83.8*	*32.9*	*32.9*	*29.9*	*26.9*	*29.9*	*32.9*	*26.9*	*23.9*	*23.9*
75°	807.7	35.9	23.9	23.9	20.9	20.9	23.9	26.9	23.9	20.9	20.9
77.5°	299.1	23.9	20.9	17.9	15.0	17.9	20.9	20.9	17.9	17.9	15.0
80°	59.8	17.9	15.0	12.0	12.0	15.0	17.9	17.9	15.0	15.0	15.0
82.5°	17.9	12.0	12.0	9.0	9.0	12.0	12.0	12.0	12.0	12.0	12.0
85°	9.0	6.0	6.0	9.0	9.0	9.0	9.0	12.0	12.0	12.0	12.0
87.5°	6.0	6.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	9.0	9.0
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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Peachtree City, GA 30269

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

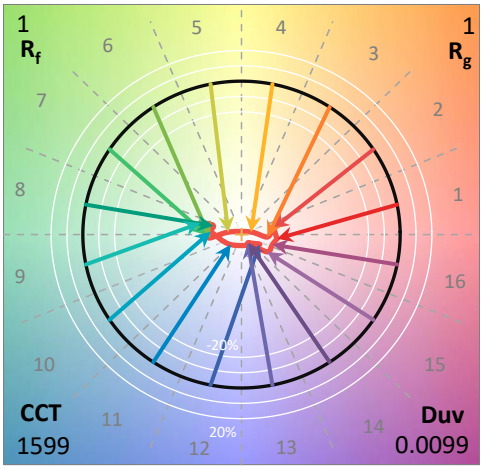
Test Information

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

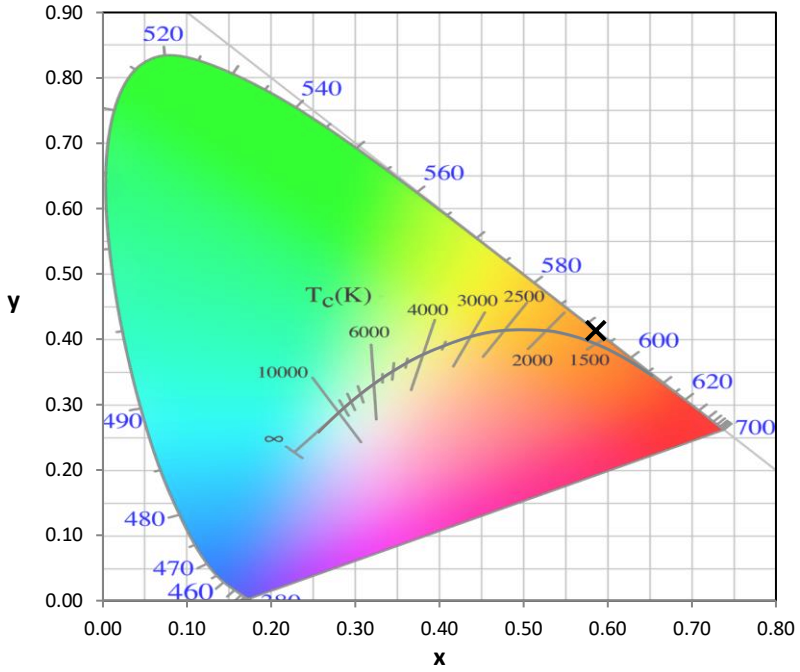
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

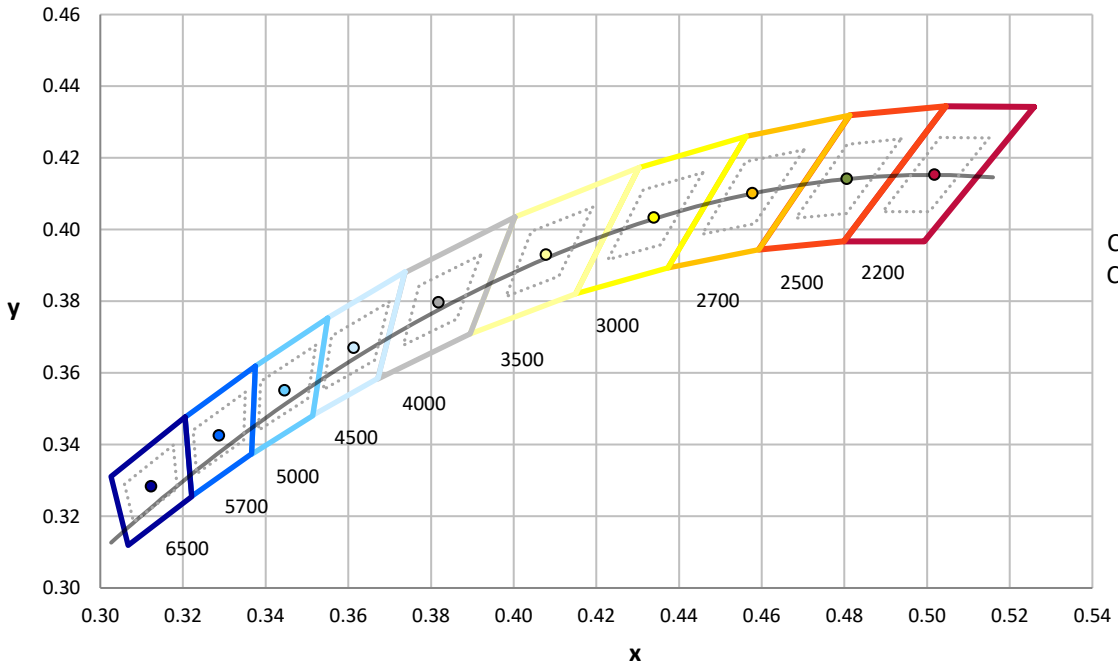
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

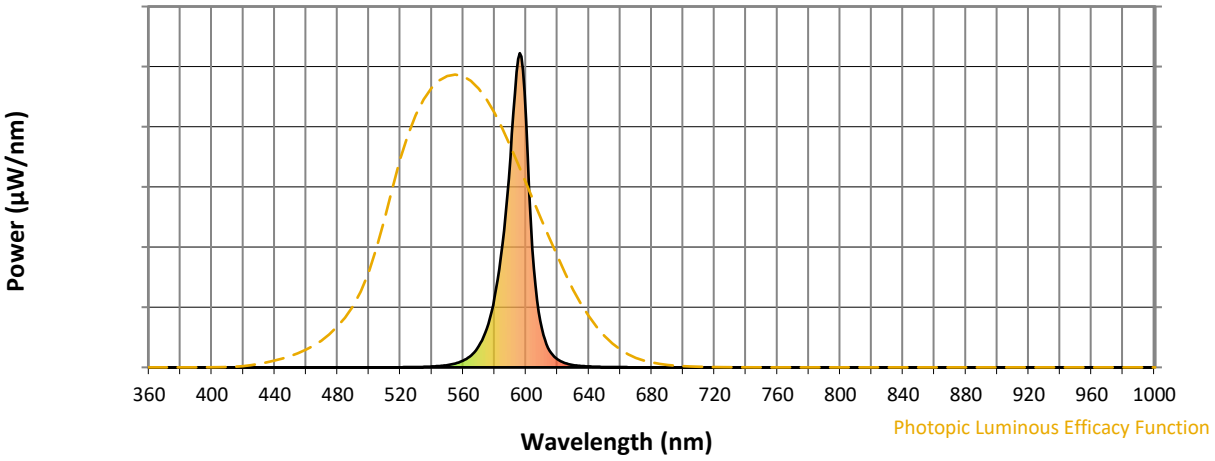


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

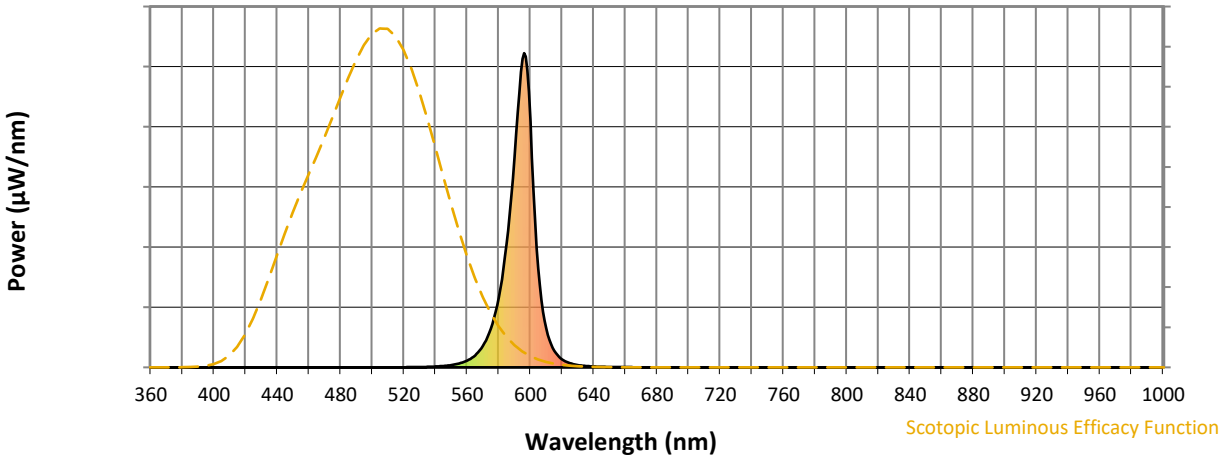


Photopic Lumens: NR

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

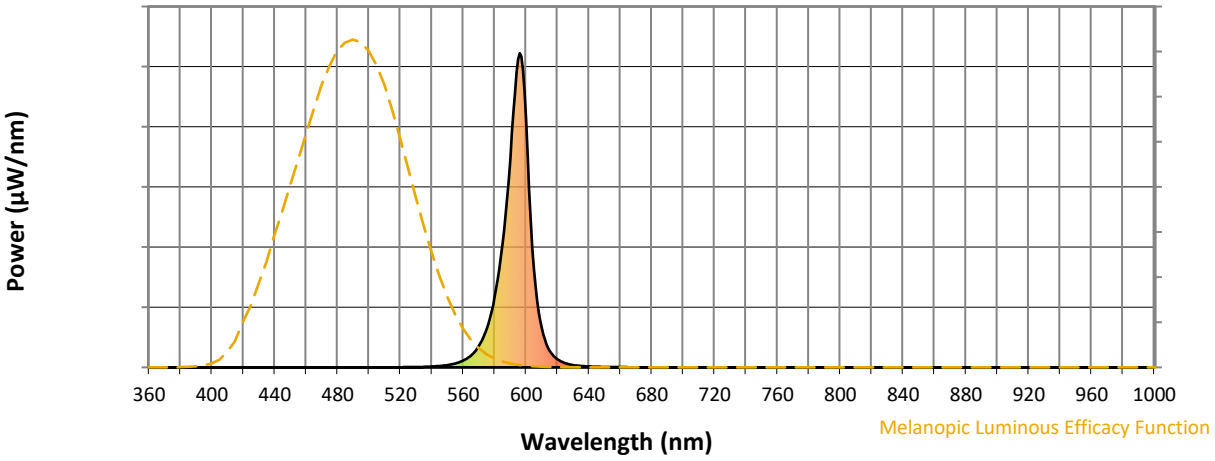


Scotopic Lumens: NR **S/P: 0.23**

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			

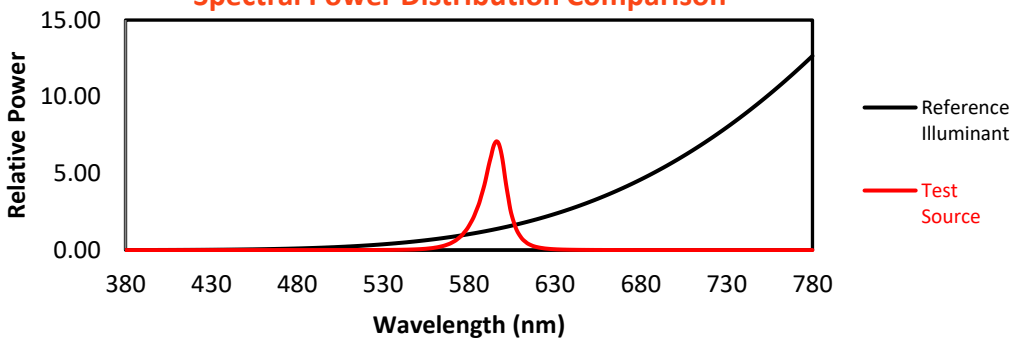
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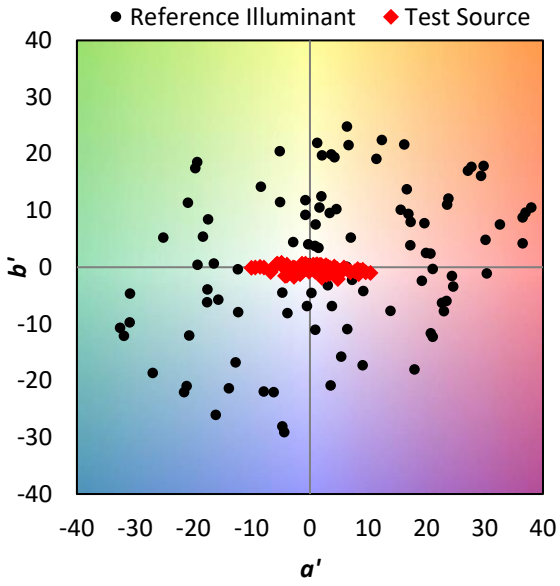
Summary

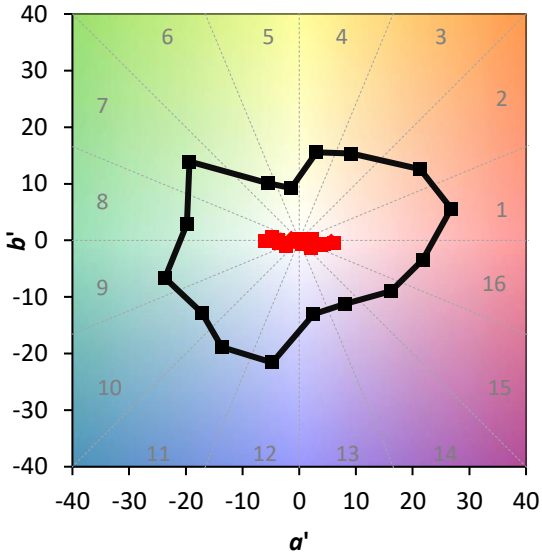
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

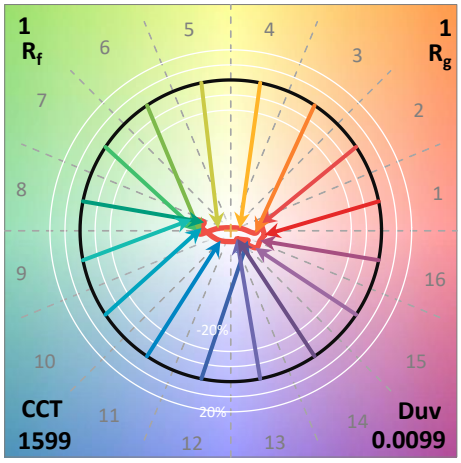
Spectral Power Distribution Comparison

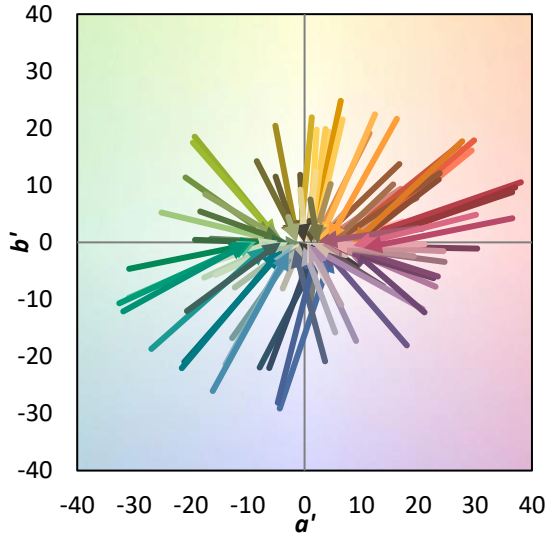


Color Vector Graphics







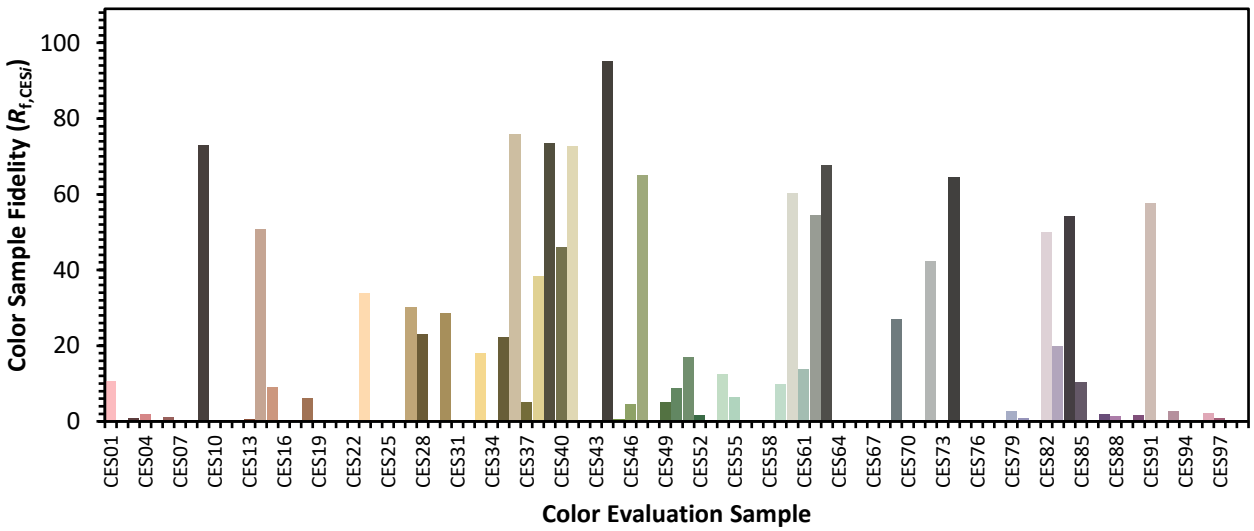


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Individual Sample Fidelity Index ($R_{f,i}$)

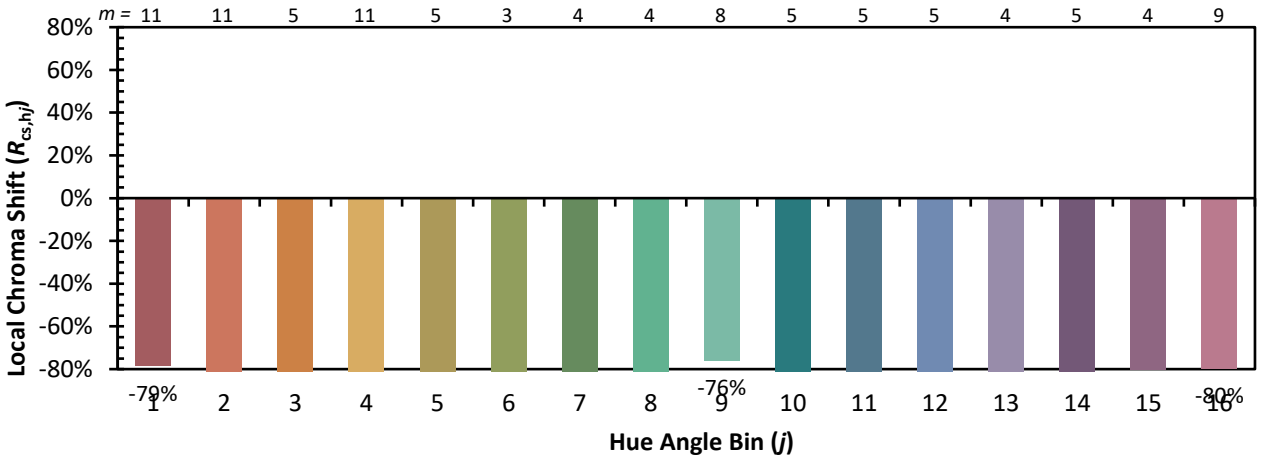
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

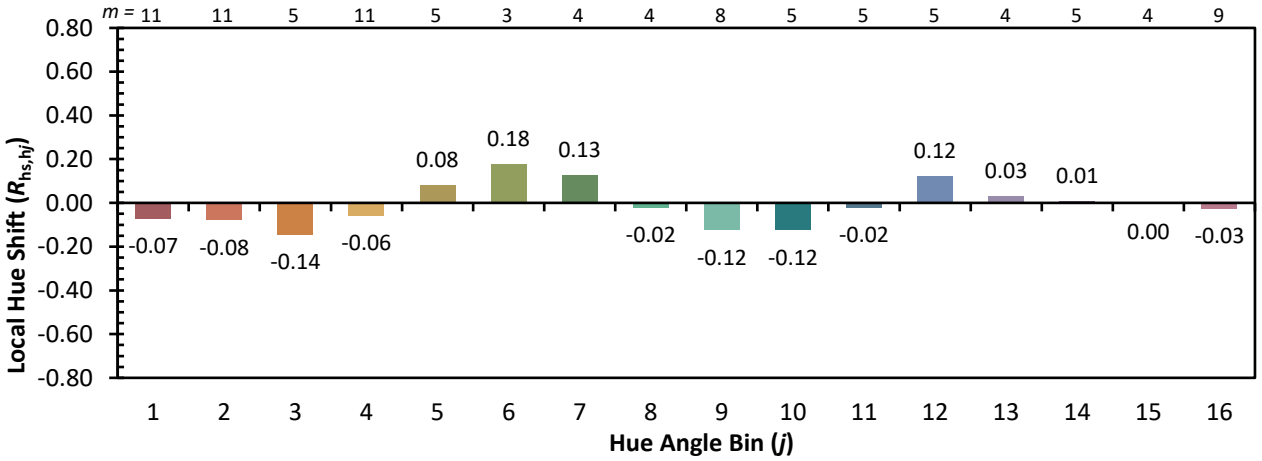


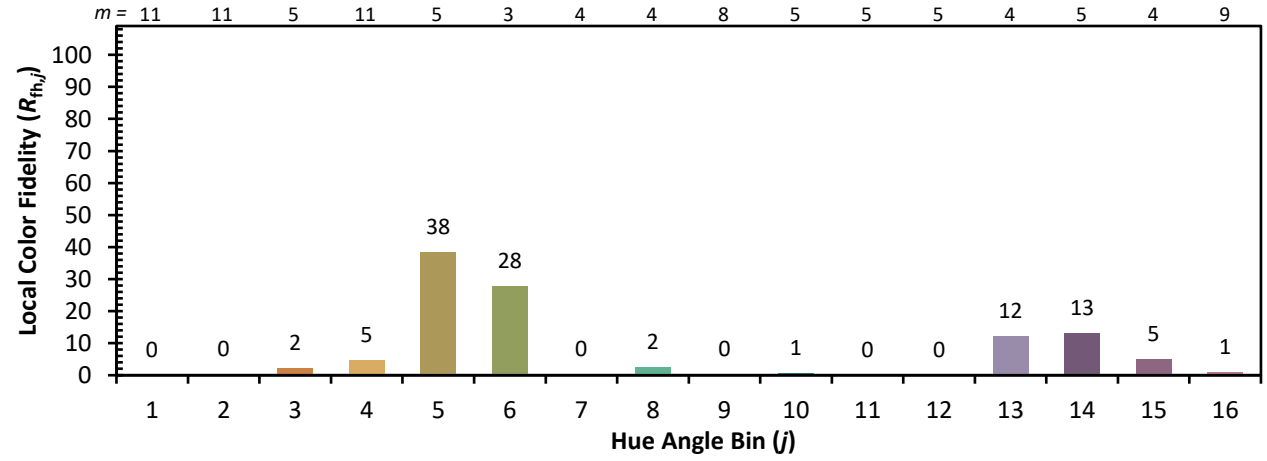
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Color Rendition by Hue-Angle Bin



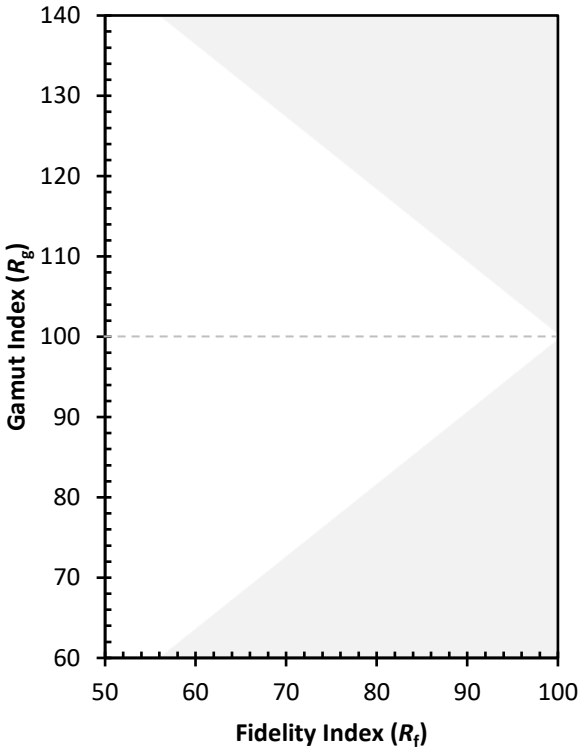


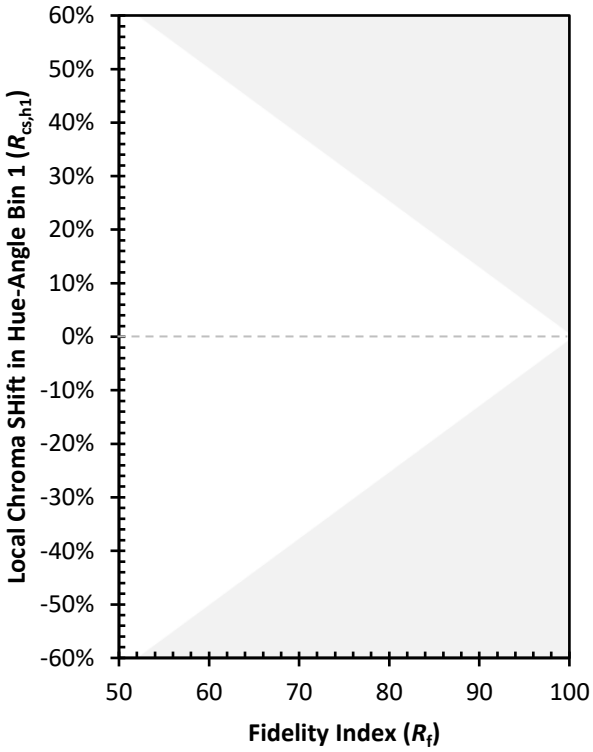


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Measure Comparisons





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