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: P1704732

Luminaire Tested: GSS-SB5A-AMB-U-T3-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:	P1704732
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-AMB-U-T3-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T3 DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7839 lumens
Efficiency:	N/A
Efficacy:	48.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	160.6
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

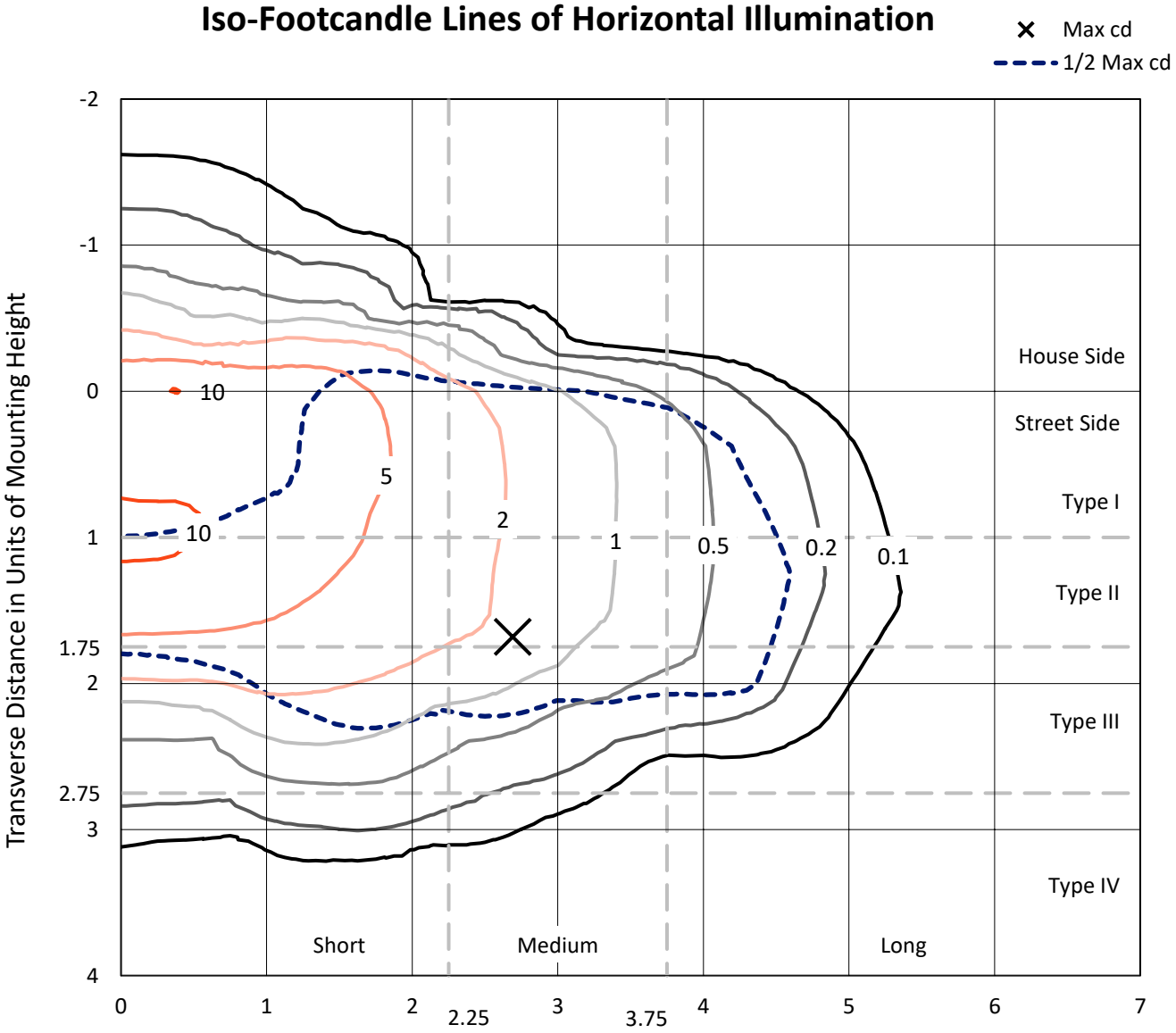


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



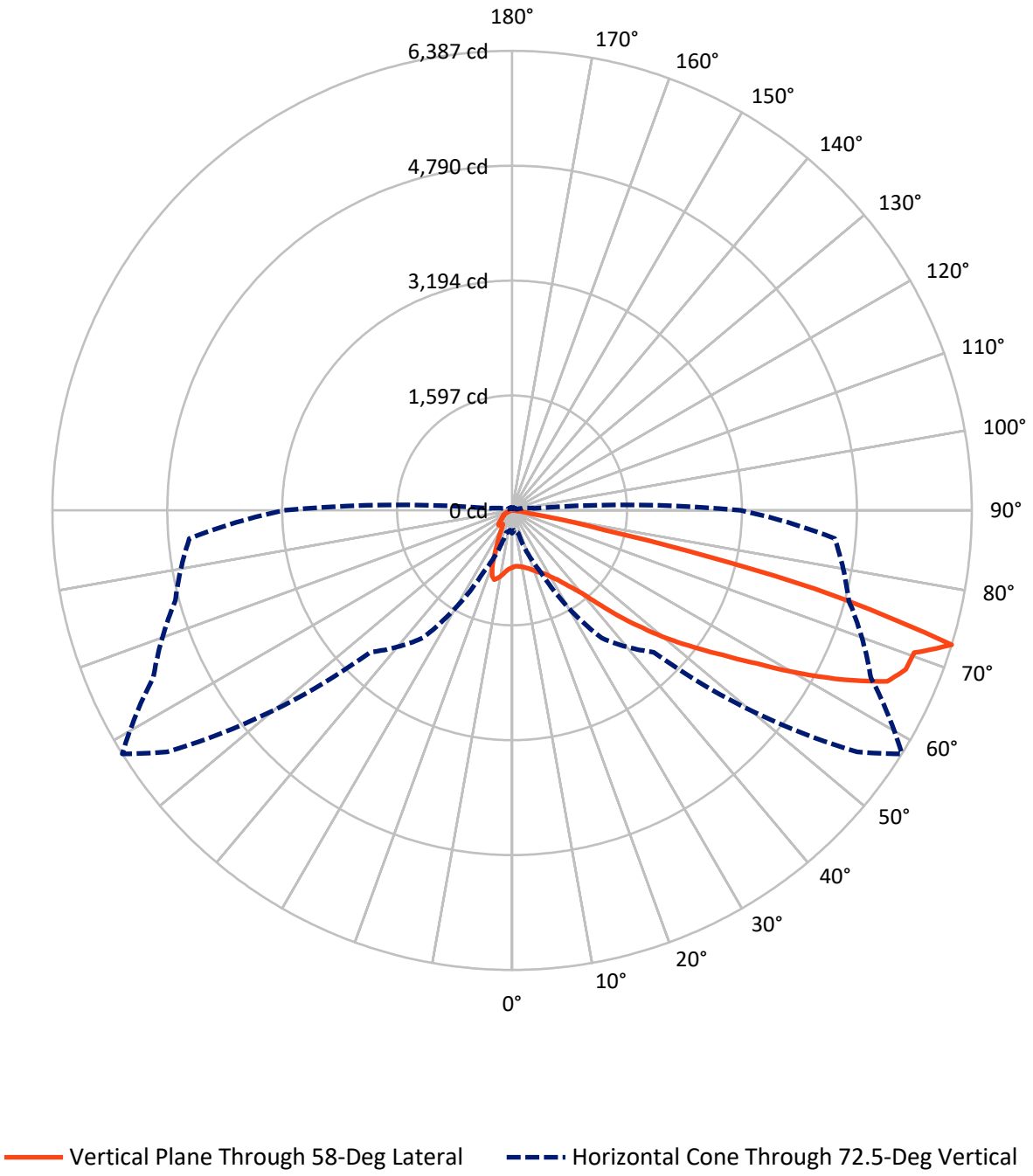
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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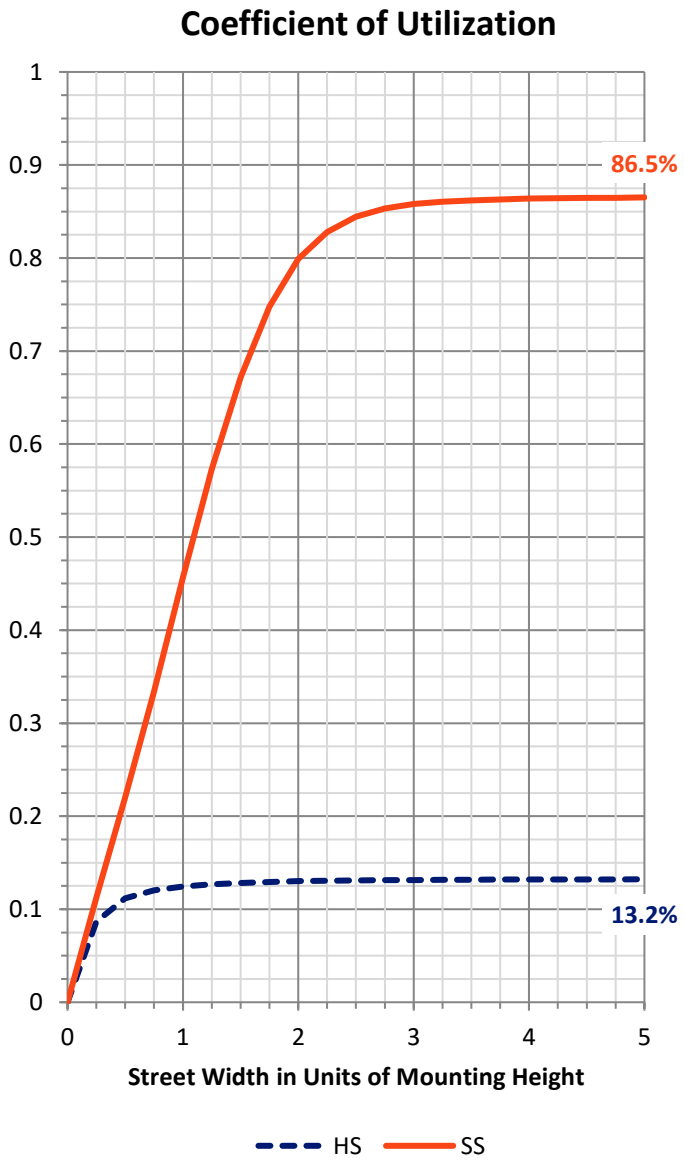
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1046.4	0.0	1046.4
	% Fixture	13.3	0.0	13.3
Street Side	Lumens	6792.6	0.0	6792.6
	% Fixture	86.7	0.0	86.7
Total	Lumens	7839.0	0.0	7839.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	1.0
10°-20°	226.1	2.9
20°-30°	361.7	4.6
30°-40°	609.2	7.8
40°-50°	1178.5	15.0
50°-60°	1968.4	25.1
60°-70°	2197.6	28.0
70°-80°	1169.1	14.9
80°-90°	50.9	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°	7839.0	100.0
0°-180°	7839.0	100.0



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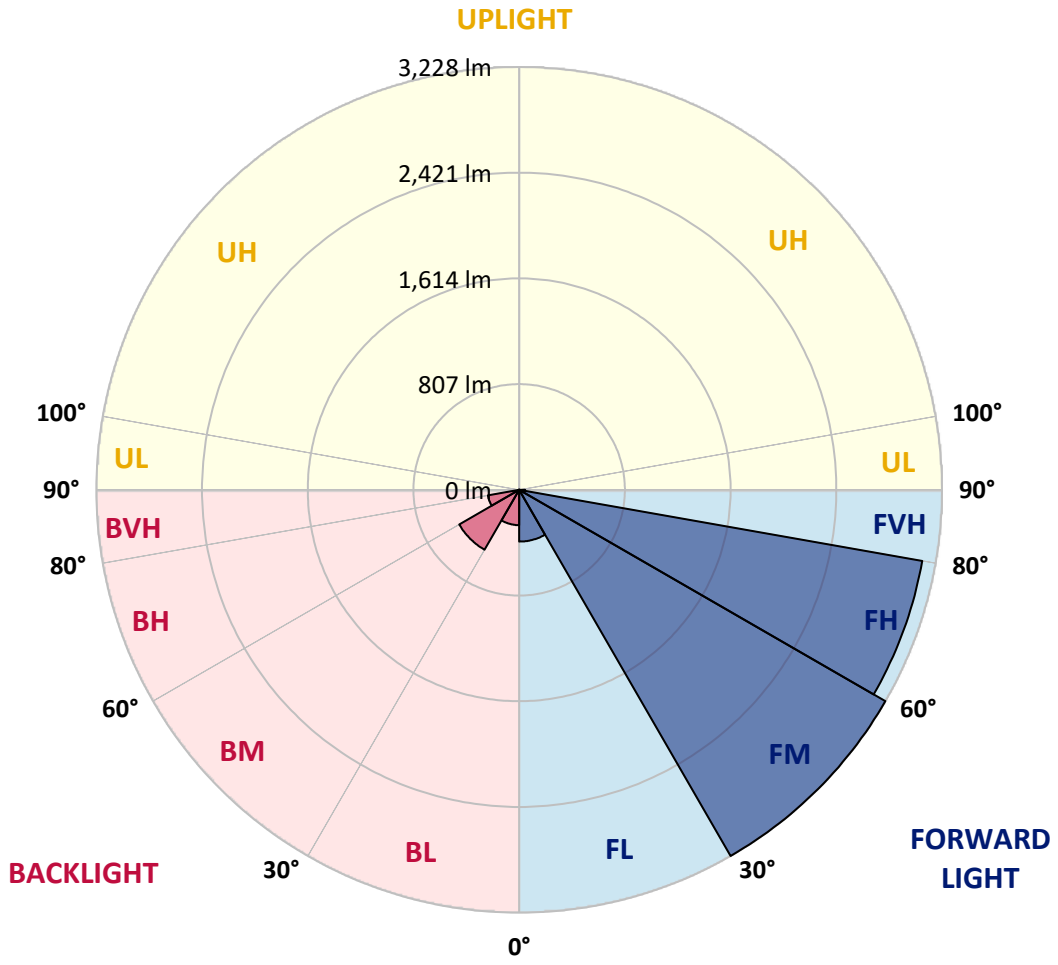
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	395.3	5.0			
FM	(30°-60°)	3228.0	41.2			
FH	(60°-80°)	3124.4	39.9			G2/5000
FVH	(80°-90°)	44.9	0.6			G1/100
BL	(0°-30°)	269.8	3.4	B1/500		
BM	(30°-60°)	528.2	6.7	B1/1000		
BH	(60°-80°)	242.3	3.1	B1/500		G1/500
BVH	(80°-90°)	6.0	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1
2.5°	774.3	769.6	764.9	769.6	769.6	774.3	779.0	779.0	783.7	788.4	797.8
5°	741.5	736.8	736.8	741.5	750.9	760.2	769.6	779.0	788.4	807.2	821.3
7.5°	741.5	736.8	736.8	741.5	750.9	760.2	779.0	788.4	802.5	840.0	868.2
10°	750.9	750.9	750.9	760.2	760.2	774.3	793.1	797.8	830.6	882.3	924.5
12.5°	764.9	764.9	764.9	774.3	779.0	788.4	802.5	816.6	854.1	938.6	994.9
15°	783.7	779.0	783.7	793.1	802.5	811.9	825.9	835.3	877.6	994.9	1070.0
17.5°	802.5	797.8	802.5	807.2	816.6	830.6	854.1	863.5	915.1	1046.5	1145.1
20°	821.3	816.6	821.3	825.9	835.3	854.1	887.0	896.3	948.0	1098.1	1215.5
22.5°	840.0	830.6	835.3	840.0	854.1	872.9	919.8	933.9	980.8	1145.1	1262.4
25°	868.2	858.8	854.1	863.5	872.9	901.0	952.7	962.0	1027.7	1192.0	1314.0
27.5°	1084.1	1065.3	990.2	915.1	901.0	933.9	994.9	1009.0	1079.4	1267.1	1375.0
30°	1309.3	1290.5	1234.2	1116.9	971.4	980.8	1051.2	1074.7	1149.8	1342.2	1426.6
32.5°	1497.0	1478.3	1431.3	1332.8	1149.8	1051.2	1116.9	1145.1	1229.5	1417.3	1483.0
35°	1731.7	1698.8	1656.6	1539.3	1389.1	1196.7	1220.2	1248.3	1337.5	1525.2	1567.4
37.5°	2079.0	2050.8	1971.0	1830.2	1633.1	1431.3	1337.5	1370.3	1468.9	1670.7	1694.1
40°	2473.2	2454.4	2402.8	2266.7	1985.1	1722.3	1548.7	1534.6	1619.0	1834.9	1853.7
42.5°	2829.8	2811.0	2773.5	2675.0	2421.5	2107.1	1844.3	1792.7	1792.7	2032.0	2046.1
45°	3172.4	3167.7	3120.8	3008.1	2797.0	2538.9	2210.4	2116.5	2022.6	2252.6	2290.1
47.5°	3472.7	3454.0	3463.4	3355.4	3130.2	2975.3	2581.1	2440.3	2299.5	2520.1	2562.3
50°	3679.2	3679.2	3759.0	3698.0	3463.4	3327.3	2947.1	2801.7	2646.8	2853.3	2867.4
52.5°	3815.3	3843.5	3979.6	4017.1	3871.6	3707.4	3294.4	3153.6	3022.2	3266.3	3266.3
55°	3909.2	3928.0	4096.9	4265.8	4322.2	4101.6	3665.2	3547.8	3463.4	3721.5	3613.5
57.5°	3848.2	3820.0	4082.8	4397.2	4636.6	4556.8	4115.7	4017.1	3942.0	4204.8	3989.0
60°	3552.5	3571.3	3857.6	4387.9	4796.1	4904.1	4660.0	4599.0	4491.1	4655.4	4359.7
62.5°	2369.9	2491.9	3144.2	4181.4	4875.9	5138.7	5209.1	5185.7	4993.2	5119.9	4599.0
65°	1201.4	1229.5	1703.5	3402.3	4688.2	5218.5	5687.8	5730.0	5396.8	5138.7	4387.9
67.5°	821.3	830.6	976.1	2801.7	4054.7	5213.8	5974.1	5899.0	5246.7	4936.9	4340.9
70°	610.1	614.8	694.5	2060.2	3346.0	4599.0	5894.3	5927.1	5335.8	4955.7	4322.2
72.5°	319.1	276.9	323.8	957.4	2163.4	2787.6	5852.0	6387.0	5500.1	4843.1	4500.5
75°	79.8	84.5	122.0	276.9	619.5	1328.1	2867.4	4350.3	5612.7	4908.8	4359.7
77.5°	42.2	46.9	65.7	131.4	253.4	281.6	647.6	1318.7	4120.4	3651.1	2477.8
80°	28.2	32.9	42.2	70.4	136.1	122.0	197.1	244.0	797.8	1633.1	605.4
82.5°	14.1	14.1	28.2	37.5	70.4	56.3	75.1	93.9	173.6	319.1	79.8
85°	9.4	9.4	18.8	18.8	28.2	23.5	28.2	32.9	61.0	65.7	37.5
87.5°	0.0	0.0	4.7	9.4	9.4	9.4	14.1	14.1	18.8	18.8	18.8
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1	793.1
2.5°	797.8	802.5	807.2	807.2	807.2	807.2	811.9	811.9	807.2	811.9	811.9
5°	821.3	830.6	835.3	835.3	830.6	830.6	821.3	821.3	816.6	816.6	821.3
7.5°	877.6	882.3	887.0	882.3	868.2	854.1	835.3	821.3	807.2	807.2	807.2
10°	938.6	948.0	948.0	938.6	915.1	872.9	835.3	793.1	755.6	732.1	732.1
12.5°	1013.7	1018.4	1023.1	994.9	948.0	882.3	760.2	638.2	539.7	502.1	502.1
15°	1093.4	1098.1	1093.4	1046.5	971.4	783.7	563.1	394.2	333.2	314.4	314.4
17.5°	1163.8	1159.1	1145.1	1088.8	891.7	563.1	347.3	291.0	286.3	286.3	281.6
20°	1224.8	1215.5	1192.0	1084.1	703.9	361.4	291.0	276.9	272.2	272.2	272.2
22.5°	1262.4	1253.0	1210.8	994.9	483.4	295.7	281.6	267.5	262.8	258.1	258.1
25°	1304.6	1290.5	1210.8	821.3	328.5	276.9	272.2	253.4	244.0	239.3	239.3
27.5°	1351.6	1328.1	1206.1	600.7	276.9	262.8	253.4	239.3	230.0	220.6	220.6
30°	1398.5	1365.6	1173.2	398.9	248.7	239.3	225.3	215.9	211.2	206.5	206.5
32.5°	1450.1	1393.8	1093.4	272.2	230.0	211.2	197.1	183.0	183.0	187.7	187.7
35°	1515.8	1431.3	999.6	234.6	225.3	192.4	173.6	159.6	159.6	164.3	168.9
37.5°	1609.7	1506.4	901.0	248.7	234.6	178.3	150.2	136.1	136.1	136.1	136.1
40°	1755.1	1609.7	821.3	295.7	248.7	168.9	131.4	117.3	112.6	112.6	112.6
42.5°	1928.8	1741.1	736.8	333.2	253.4	150.2	117.3	107.9	103.2	103.2	103.2
45°	2121.2	1914.7	718.0	323.8	239.3	131.4	103.2	98.6	98.6	93.9	93.9
47.5°	2369.9	2130.6	807.2	300.3	201.8	117.3	98.6	93.9	93.9	89.2	89.2
50°	2660.9	2365.2	919.8	281.6	164.3	107.9	93.9	89.2	89.2	84.5	84.5
52.5°	2975.3	2651.5	943.3	267.5	140.8	98.6	89.2	84.5	84.5	79.8	79.8
55°	3308.5	2919.0	854.1	244.0	126.7	93.9	89.2	84.5	79.8	75.1	75.1
57.5°	3622.9	3120.8	732.1	230.0	117.3	89.2	84.5	79.8	75.1	70.4	70.4
60°	3932.6	3158.3	506.8	211.2	107.9	84.5	79.8	75.1	70.4	65.7	65.7
62.5°	4115.7	2886.1	267.5	187.7	98.6	79.8	75.1	70.4	61.0	51.6	51.6
65°	3829.4	2271.4	159.6	159.6	84.5	70.4	70.4	65.7	51.6	42.2	37.5
67.5°	3655.8	1661.3	103.2	122.0	75.1	61.0	61.0	56.3	46.9	37.5	32.9
70°	3383.6	863.5	79.8	75.1	61.0	46.9	46.9	46.9	42.2	32.9	28.2
72.5°	*3172.4*	*314.4*	*61.0*	*56.3*	*46.9*	*32.9*	*42.2*	*42.2*	*32.9*	*23.5*	*23.5*
75°	2576.4	131.4	46.9	42.2	32.9	28.2	32.9	32.9	23.5	18.8	18.8
77.5°	1210.8	70.4	37.5	32.9	23.5	18.8	23.5	23.5	18.8	14.1	14.1
80°	281.6	46.9	28.2	23.5	18.8	14.1	18.8	14.1	9.4	9.4	9.4
82.5°	61.0	28.2	23.5	18.8	14.1	9.4	9.4	9.4	9.4	4.7	4.7
85°	28.2	18.8	14.1	9.4	9.4	9.4	4.7	4.7	4.7	4.7	4.7
87.5°	14.1	14.1	9.4	9.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7
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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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

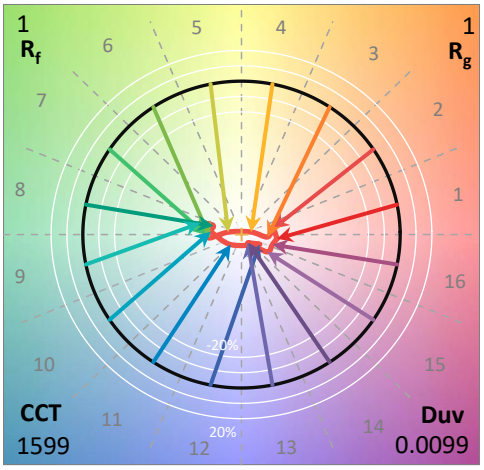
Test Information

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

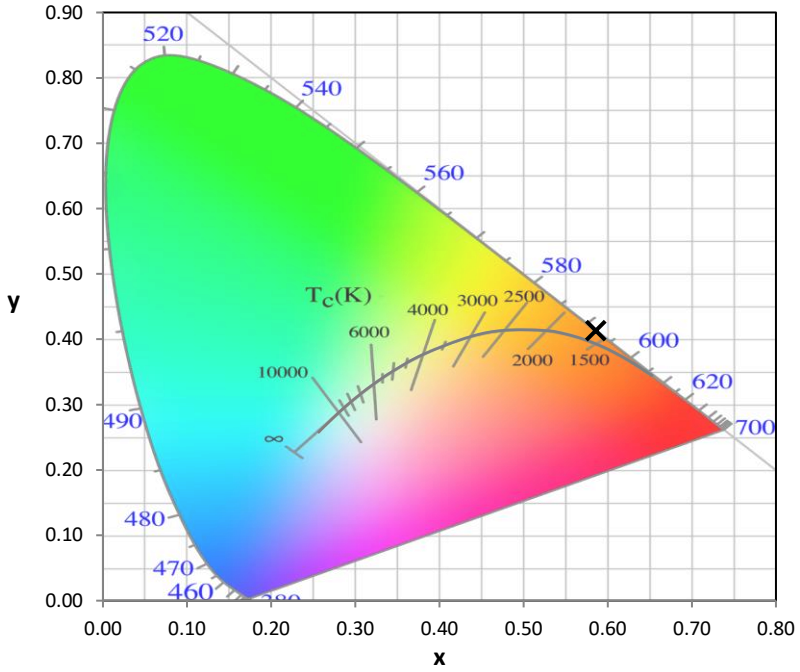
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

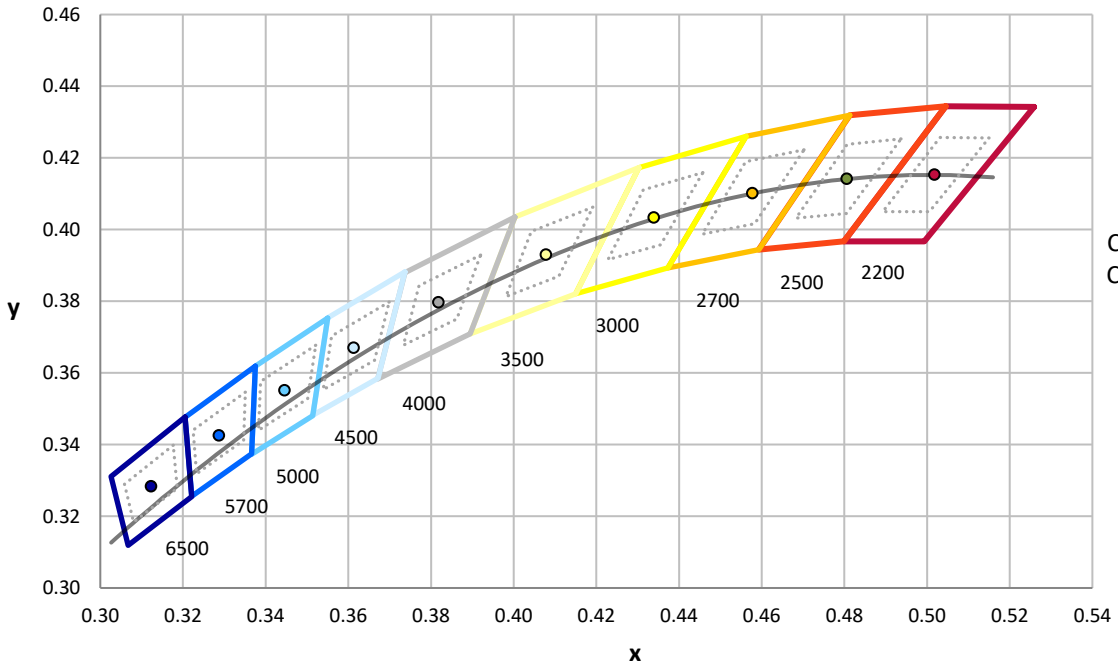
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

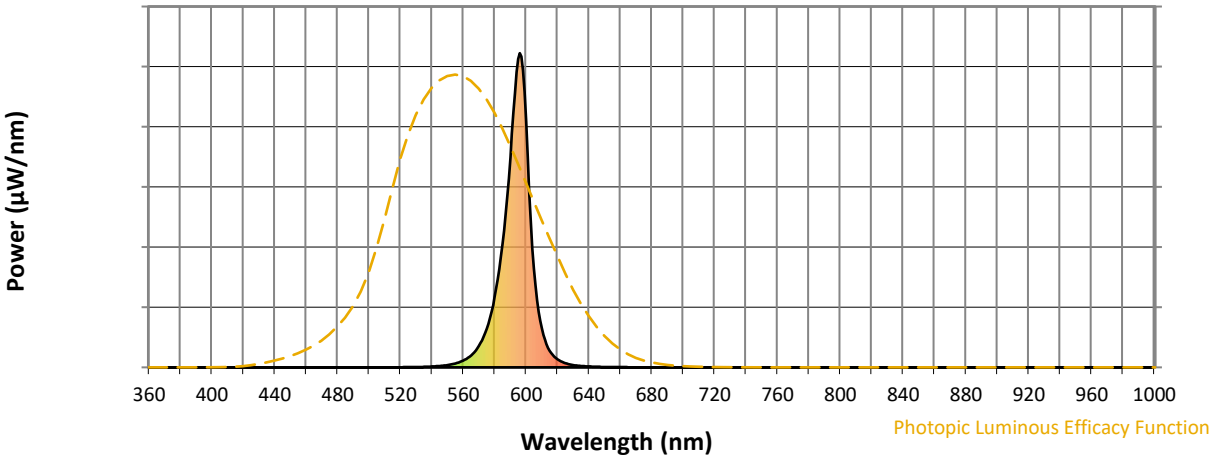


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

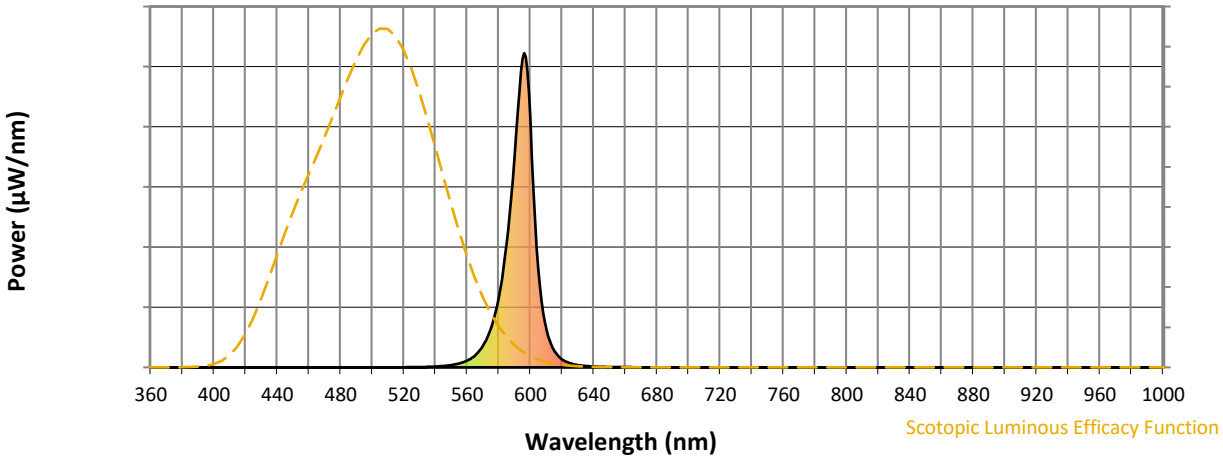


Photopic Lumens: NR

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

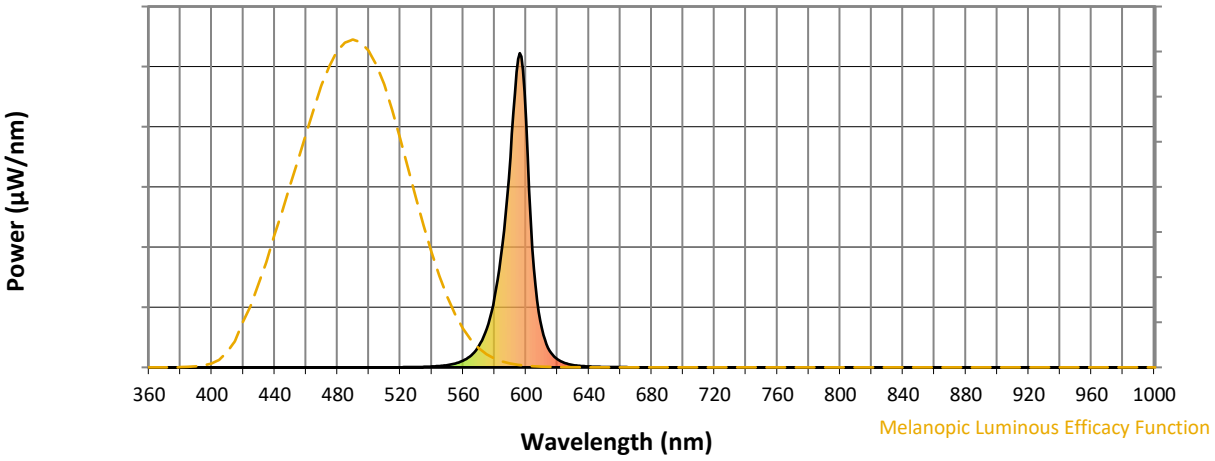


Scotopic Lumens: NR **S/P: 0.23**

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			

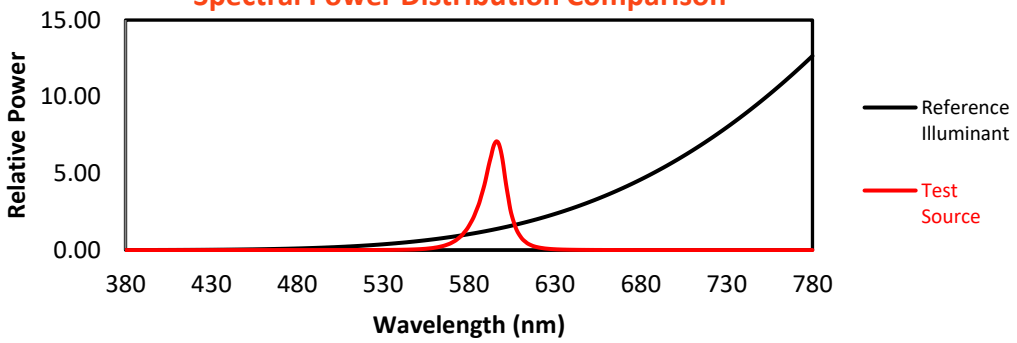
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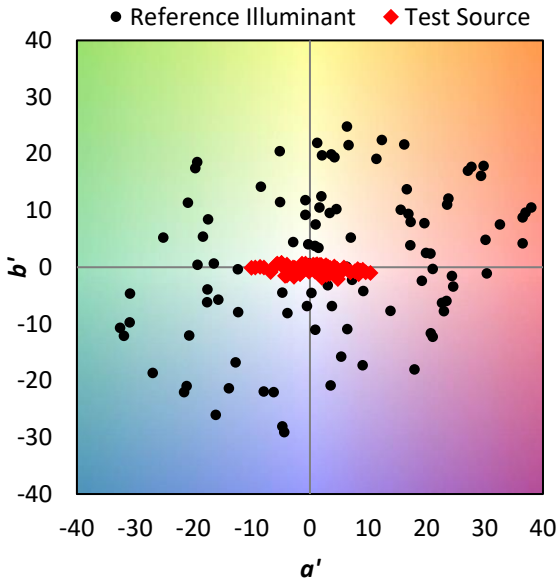
Summary

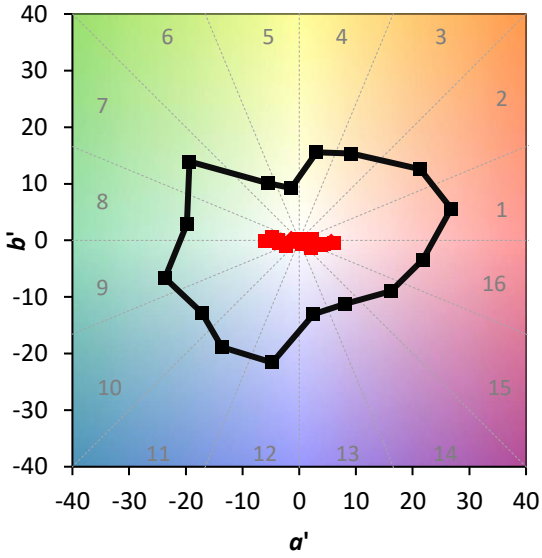
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

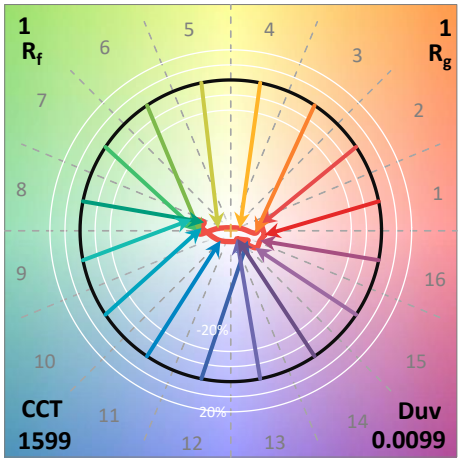
Spectral Power Distribution Comparison

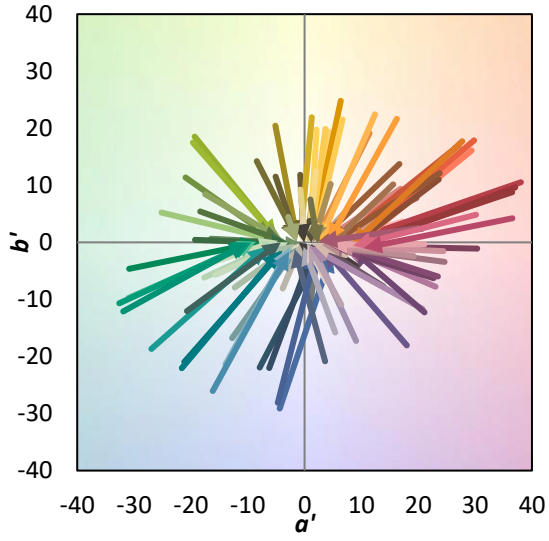


Color Vector Graphics







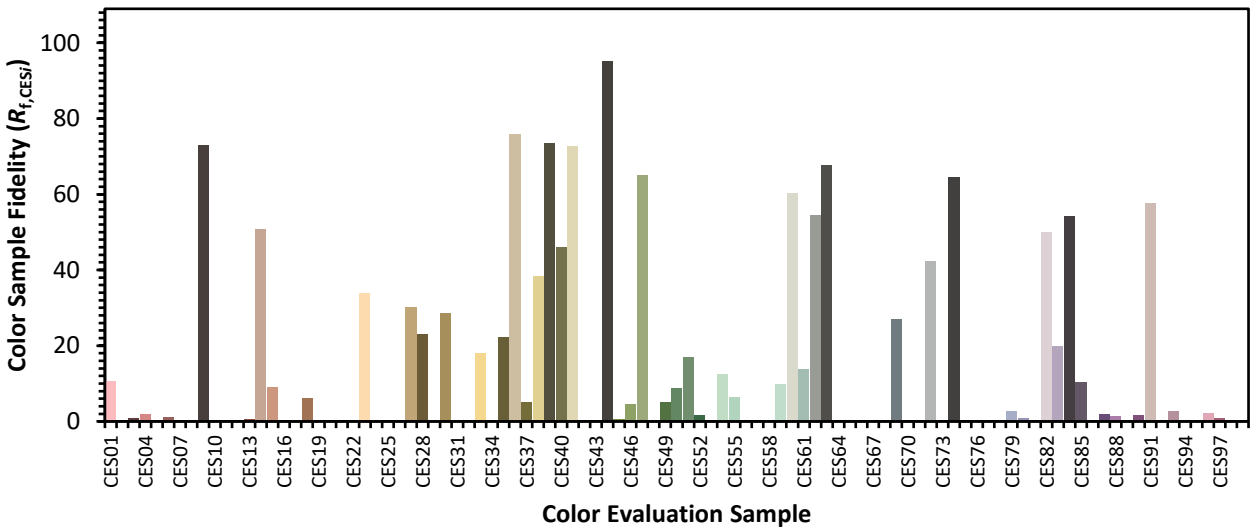


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Individual Sample Fidelity Index ($R_{f,i}$)

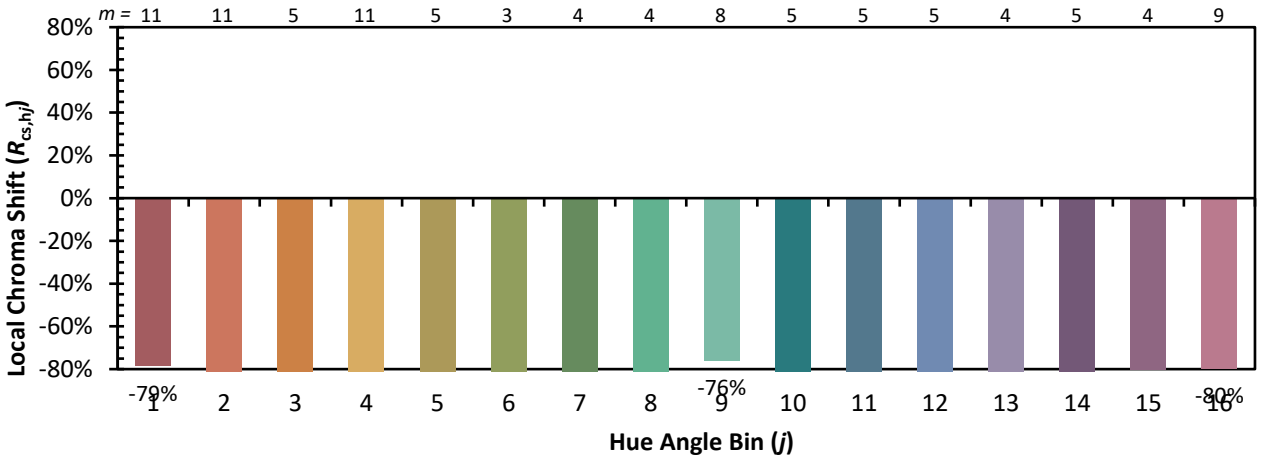
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

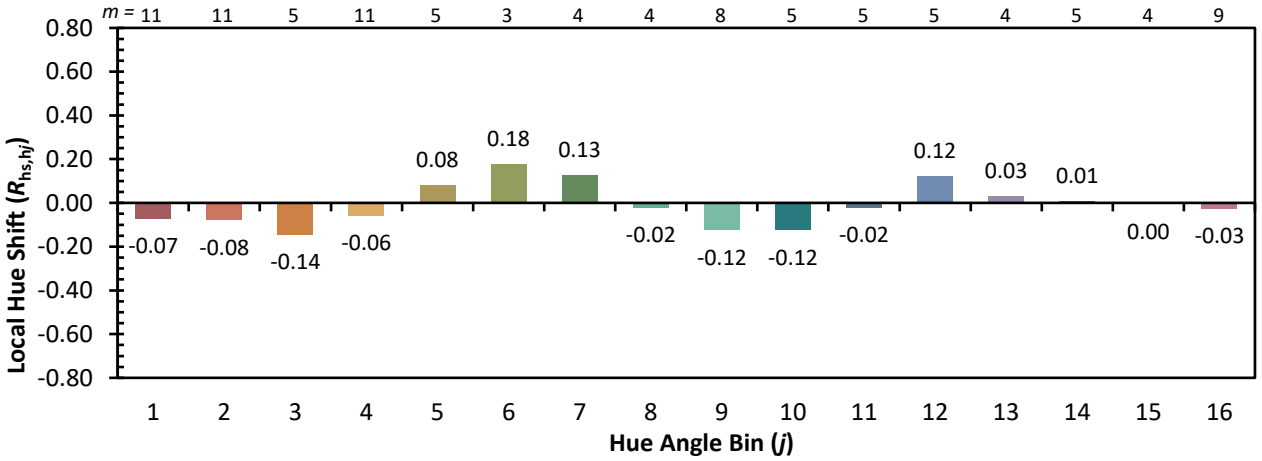


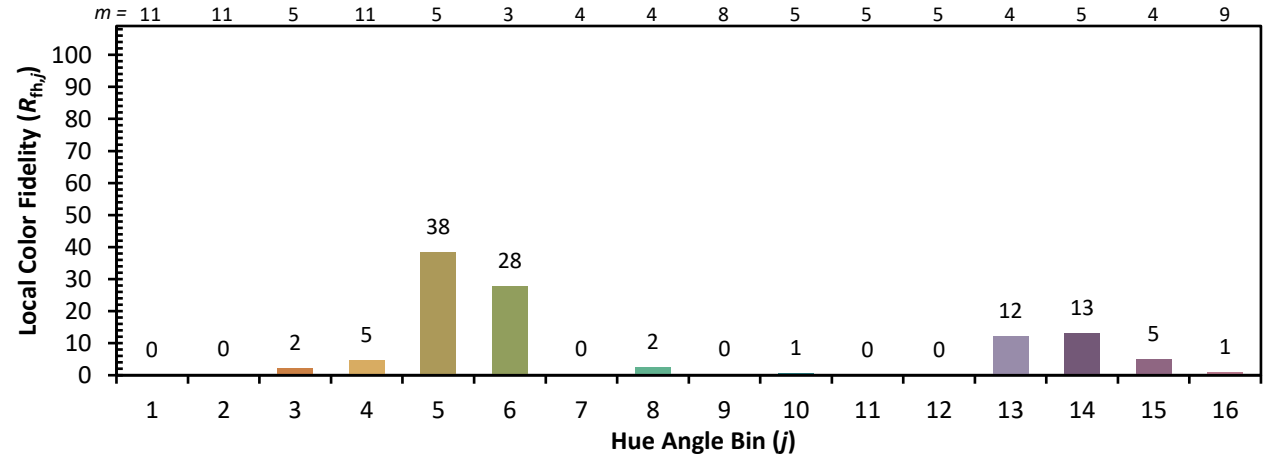
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Color Rendition by Hue-Angle Bin



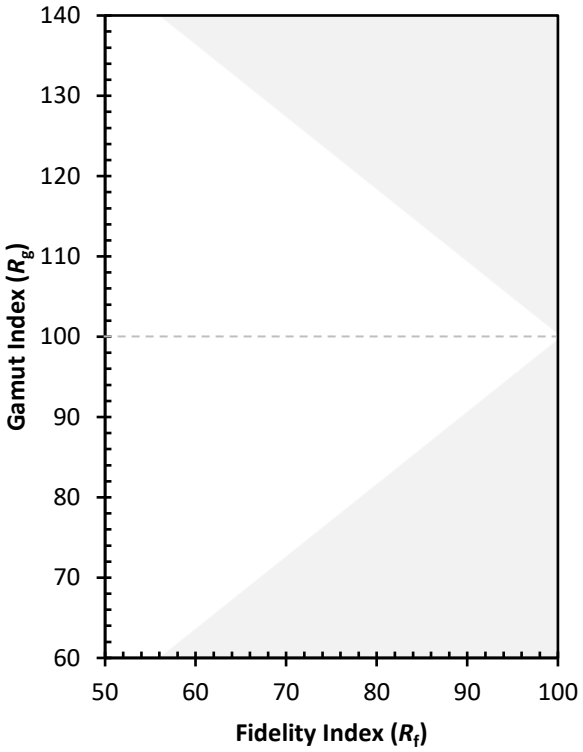


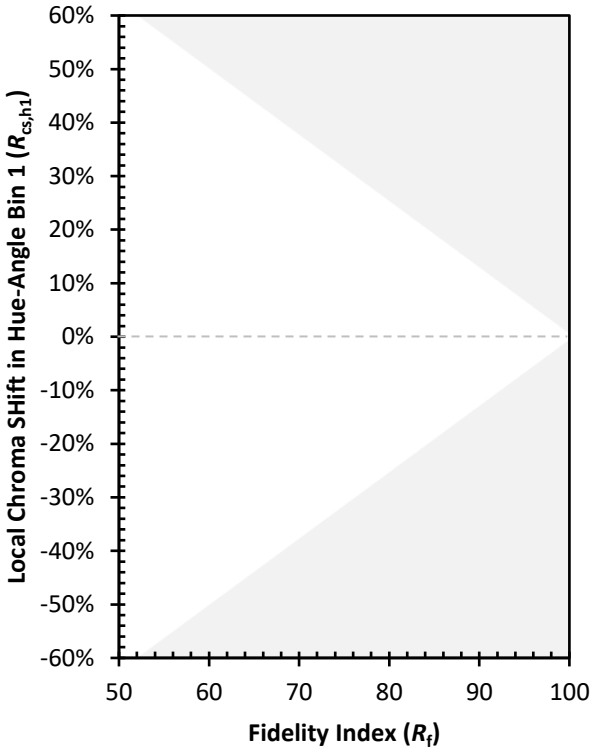


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Measure Comparisons





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