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-T2-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-T2-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 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:	8186.5 lumens
Efficiency:	N/A
Efficacy:	51.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B2 - 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

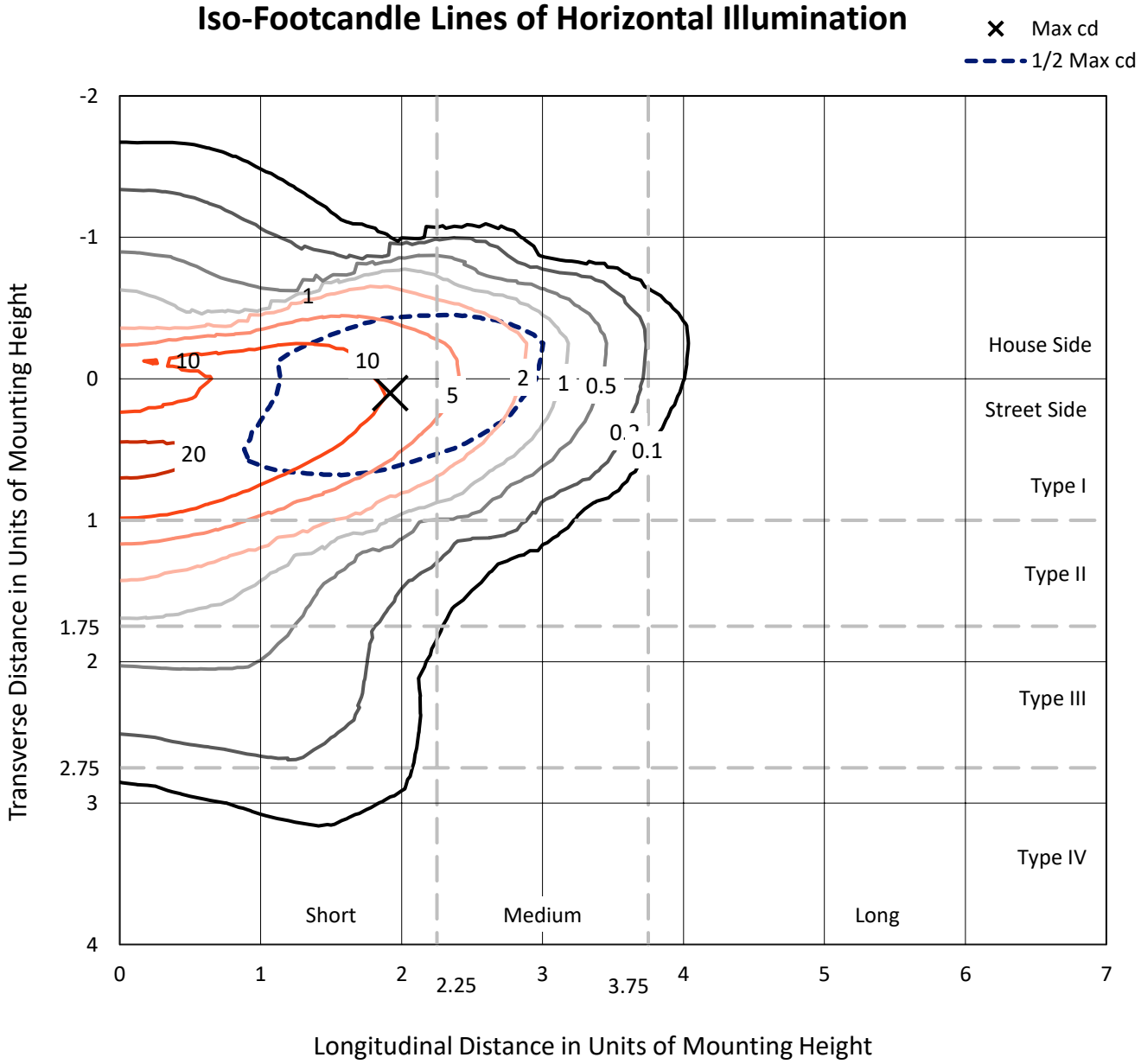


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



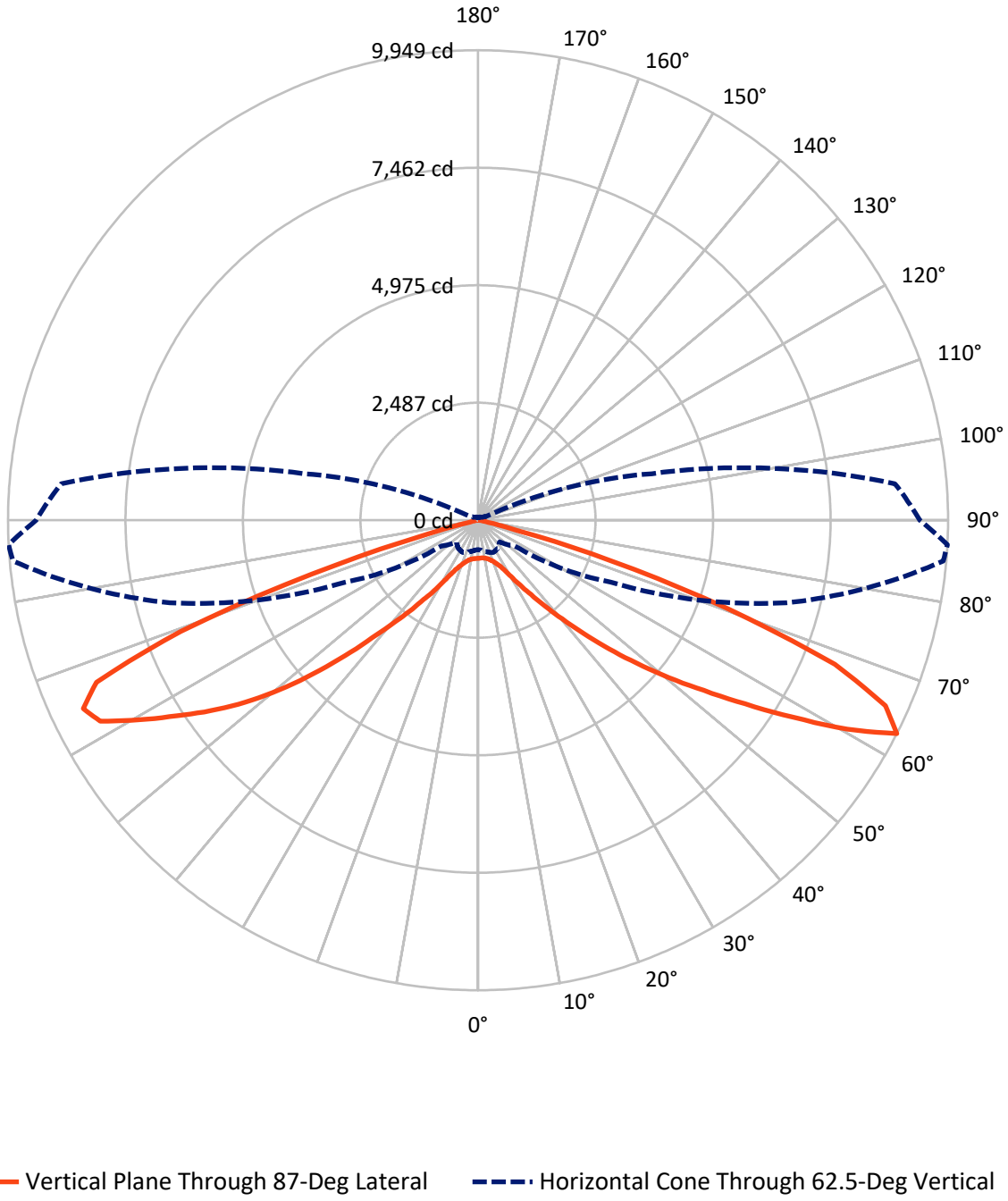
Based on 10 foot mounting height. Maximum calculated value = 22.2 fc
Type I - Short - N/A

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Luminous Intensity Polar Plot



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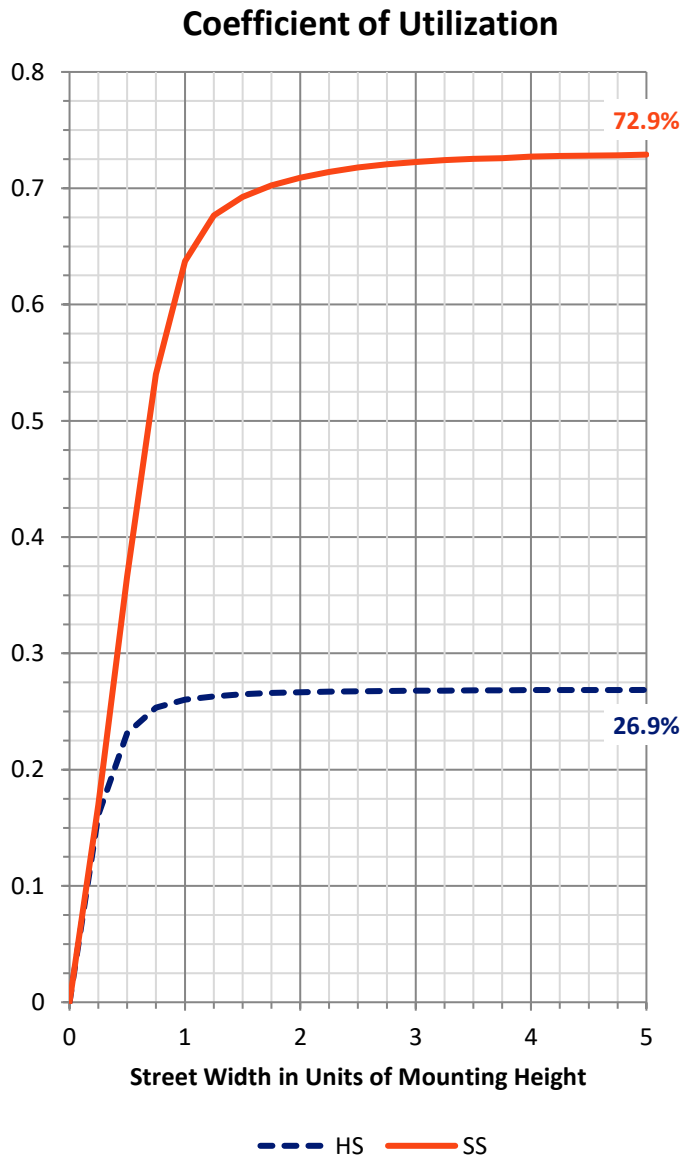
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2223.3	0.0	2223.3
	% Fixture	27.2	0.0	27.2
Street Side	Lumens	5963.2	0.0	5963.2
	% Fixture	72.8	0.0	72.8
Total	Lumens	8186.5	0.0	8186.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.1	1.0
10°-20°	265.2	3.2
20°-30°	629.8	7.7
30°-40°	1241.5	15.2
40°-50°	1792.9	21.9
50°-60°	2041.7	24.9
60°-70°	1728.9	21.1
70°-80°	381.0	4.7
80°-90°	23.3	0.3
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°	8186.5	100.0
0°-180°	8186.5	100.0



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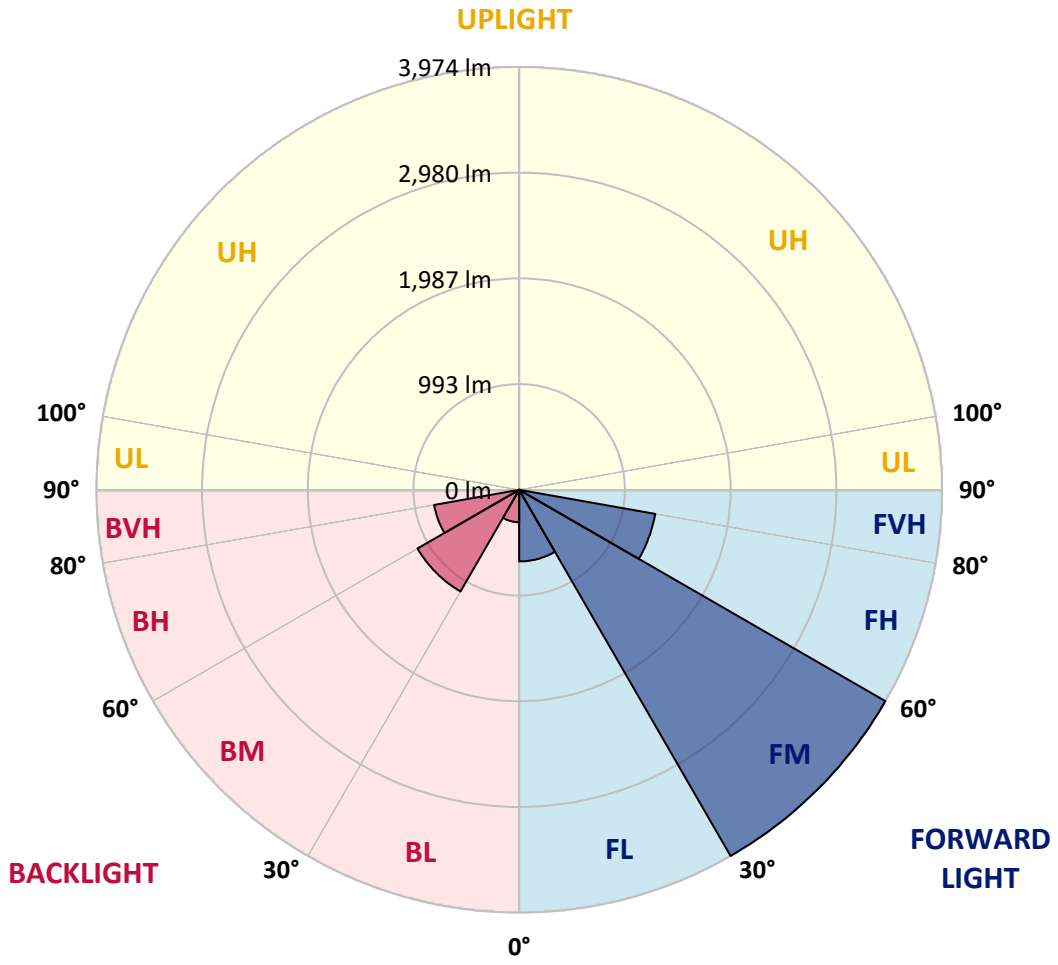
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	672.7	8.2			
FM	(30°-60°)	3973.5	48.5			
FH	(60°-80°)	1298.6	15.9			G1/1800
FVH	(80°-90°)	18.4	0.2			G1/100
BL	(0°-30°)	304.4	3.7	B1/500		
BM	(30°-60°)	1102.6	13.5	B2/2500		
BH	(60°-80°)	811.3	9.9	B2/1000		G2/1000
BVH	(80°-90°)	5.0	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87°
0°	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	*807.2*
2.5°	788.4	783.8	783.8	788.4	783.8	783.8	788.4	788.4	793.1	802.5	*802.5*
5°	793.1	788.4	788.4	788.4	783.8	783.8	779.1	779.1	788.4	802.5	*802.5*
7.5°	816.6	816.6	811.9	807.2	802.5	797.8	783.8	783.8	783.8	802.5	*807.2*
10°	872.9	872.9	868.2	854.1	835.4	826.0	807.2	793.1	797.8	807.2	*816.6*
12.5°	985.6	985.6	980.9	948.0	915.2	877.6	840.1	826.0	811.9	821.3	*830.7*
15°	1210.8	1196.7	1163.9	1102.9	1037.2	971.5	910.5	863.5	840.1	854.1	*854.1*
17.5°	1581.6	1576.9	1501.8	1398.5	1262.4	1121.7	1018.4	933.9	887.0	887.0	*891.7*
20°	2022.7	1989.9	1938.3	1806.8	1614.4	1389.2	1182.7	1037.2	952.7	929.2	*929.2*
22.5°	2435.7	2426.3	2365.3	2229.2	2018.0	1731.8	1431.4	1192.1	1041.9	994.9	*994.9*
25°	2867.5	2862.8	2811.2	2642.2	2421.6	2126.0	1764.6	1426.7	1182.7	1079.4	*1074.7*
27.5°	3196.0	3181.9	3158.5	3059.9	2876.9	2534.3	2144.8	1741.1	1379.8	1201.4	*1196.7*
30°	3515.1	3491.7	3472.9	3397.8	3233.6	2956.7	2548.4	2093.1	1647.3	1412.6	*1384.5*
32.5°	3670.0	3665.3	3702.9	3707.6	3585.5	3374.3	2952.0	2496.7	2018.0	1652.0	*1637.9*
35°	3684.1	3698.2	3796.7	3867.1	3895.3	3740.4	3416.6	2909.7	2384.1	1980.5	*1933.6*
37.5°	3609.0	3623.1	3754.5	3881.2	4026.7	4040.8	3848.4	3411.9	2848.7	2379.4	*2309.0*
40°	3416.6	3440.1	3571.5	3754.5	4007.9	4228.5	4284.8	3914.1	3350.9	2825.3	*2745.5*
42.5°	3120.9	3106.8	3275.8	3524.5	3862.4	4252.0	4557.0	4453.8	3923.4	3355.6	*3275.8*
45°	2684.5	2707.9	2825.3	3139.7	3576.2	4172.2	4707.2	4941.8	4547.6	3956.3	*3881.2*
47.5°	2172.9	2196.4	2327.8	2675.1	3158.5	3862.4	4697.8	5383.0	5218.7	4613.3	*4519.5*
50°	1647.3	1652.0	1755.2	2079.0	2642.2	3458.8	4486.6	5622.4	5964.9	5336.1	*5237.5*
52.5°	1229.6	1220.2	1271.8	1478.3	1989.9	2867.5	4134.6	5622.4	6753.4	6105.7	*5983.7*
55°	1027.8	1027.8	1004.3	1027.8	1351.6	2126.0	3524.5	5444.0	7246.2	7100.7	*6861.3*
57.5°	882.3	901.1	905.8	872.9	933.9	1365.7	2717.3	5007.6	7457.4	8128.5	*7865.7*
60°	704.0	713.4	746.2	821.3	793.1	854.1	1745.8	4341.1	7387.0	9456.6	*8982.6*
62.5°	*624.2*	*633.6*	*689.9*	*755.6*	*727.4*	*647.6*	*952.7*	*3102.1*	*6753.4*	*9883.7*	*9949.4*
65°	530.3	549.1	643.0	750.9	661.7	535.0	558.5	1609.7	5223.4	9043.6	*9475.4*
67.5°	431.8	445.8	563.2	718.0	638.3	427.1	403.6	661.7	3632.5	7649.8	*8147.2*
70°	309.7	337.9	464.6	666.4	610.1	347.3	309.7	389.5	1778.7	5209.4	*5584.8*
72.5°	183.0	197.1	333.2	581.9	563.2	295.7	192.4	267.5	628.9	2604.7	*2937.9*
75°	117.3	126.7	187.7	413.0	464.6	230.0	140.8	187.7	281.6	741.5	*830.7*
77.5°	61.0	61.0	122.0	295.7	286.3	183.0	107.9	107.9	169.0	215.9	*220.6*
80°	28.2	32.9	75.1	169.0	187.7	103.2	75.1	75.1	103.2	126.7	*122.0*
82.5°	9.4	9.4	42.2	84.5	122.0	46.9	37.5	46.9	56.3	75.1	*70.4*
85°	4.7	4.7	14.1	23.5	37.5	18.8	14.1	23.5	28.2	37.5	*32.9*
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	9.4	14.1	*9.4*
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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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2
2.5°	807.2	811.9	821.3	826.0	835.4	844.8	854.1	858.8	858.8	863.5	872.9
5°	807.2	816.6	840.1	858.8	891.7	915.2	933.9	938.6	948.0	952.7	952.7
7.5°	816.6	826.0	858.8	910.5	948.0	976.2	999.6	1004.3	994.9	999.6	994.9
10°	821.3	844.8	887.0	948.0	1013.7	1027.8	1023.1	990.2	957.4	933.9	929.2
12.5°	840.1	863.5	924.5	1032.5	1084.1	1060.6	952.7	811.9	713.4	657.0	661.7
15°	868.2	896.4	994.9	1126.3	1145.1	962.1	736.8	549.1	431.8	384.8	370.8
17.5°	905.8	943.3	1102.9	1262.4	1112.3	779.1	492.8	323.8	244.0	225.3	225.3
20°	948.0	1004.3	1253.1	1361.0	994.9	572.6	300.4	215.9	201.8	197.1	197.1
22.5°	1013.7	1084.1	1407.9	1361.0	830.7	375.4	215.9	197.1	187.7	187.7	187.7
25°	1098.2	1187.4	1600.4	1300.0	643.0	244.0	201.8	187.7	178.3	178.3	178.3
27.5°	1215.5	1351.6	1769.3	1196.7	455.2	206.5	187.7	178.3	173.6	173.6	173.6
30°	1398.5	1558.1	1919.5	1079.4	305.1	187.7	173.6	169.0	169.0	169.0	169.0
32.5°	1637.9	1849.1	2083.7	943.3	225.3	178.3	169.0	164.3	164.3	164.3	164.3
35°	1891.3	2130.7	2182.3	783.8	192.4	164.3	159.6	154.9	154.9	154.9	154.9
37.5°	2257.4	2515.5	2224.5	610.1	178.3	154.9	150.2	150.2	145.5	140.8	140.8
40°	2661.0	2928.5	2229.2	441.2	173.6	150.2	145.5	136.1	131.4	126.7	126.7
42.5°	3186.6	3454.1	2238.6	314.4	169.0	150.2	136.1	131.4	122.0	117.3	117.3
45°	3843.7	4134.6	2332.5	253.4	173.6	145.5	126.7	122.0	117.3	112.6	112.6
47.5°	4505.4	4941.8	2557.7	239.3	178.3	136.1	122.0	112.6	107.9	103.2	103.2
50°	5270.4	5697.4	2848.7	244.0	169.0	126.7	112.6	107.9	103.2	98.6	98.6
52.5°	5960.3	6462.4	3116.2	258.1	159.6	122.0	107.9	103.2	98.6	93.9	93.9
55°	6748.7	7072.5	3365.0	262.8	145.5	112.6	103.2	98.6	93.9	89.2	89.2
57.5°	7523.1	7645.1	3665.3	248.7	131.4	107.9	98.6	93.9	84.5	79.8	79.8
60°	8442.9	8245.8	3834.3	225.3	117.3	98.6	89.2	84.5	79.8	70.4	70.4
62.5°	*9353.4*	*8860.6*	*3806.1*	*187.7*	*103.2*	*89.2*	*79.8*	*75.1*	*65.7*	*56.3*	*56.3*
65°	9705.4	8959.2	3125.6	154.9	89.2	75.1	70.4	65.7	56.3	42.2	42.2
67.5°	8898.1	8691.6	2149.4	117.3	79.8	61.0	61.0	56.3	46.9	37.5	37.5
70°	6392.0	6936.4	1004.3	79.8	65.7	51.6	46.9	46.9	37.5	28.2	28.2
72.5°	3496.4	3843.7	276.9	61.0	51.6	37.5	37.5	37.5	32.9	23.5	23.5
75°	1013.7	1182.7	75.1	42.2	32.9	23.5	28.2	28.2	23.5	14.1	14.1
77.5°	225.3	178.3	42.2	28.2	18.8	18.8	18.8	18.8	14.1	9.4	4.7
80°	112.6	89.2	28.2	18.8	14.1	14.1	9.4	9.4	4.7	4.7	0.0
82.5°	65.7	46.9	23.5	14.1	9.4	9.4	4.7	4.7	4.7	0.0	0.0
85°	28.2	18.8	14.1	9.4	4.7	4.7	4.7	4.7	0.0	0.0	0.0
87.5°	14.1	9.4	9.4	4.7	4.7	4.7	4.7	4.7	0.0	0.0	0.0
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

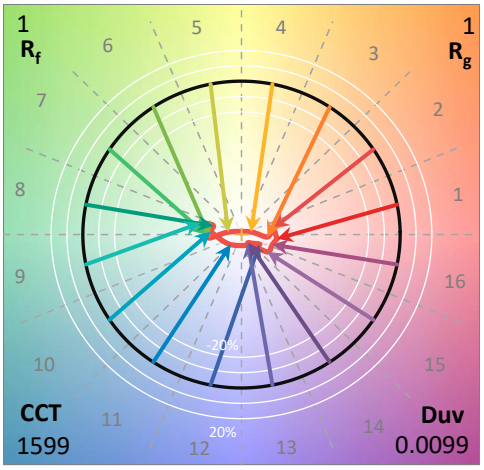
Test Information

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

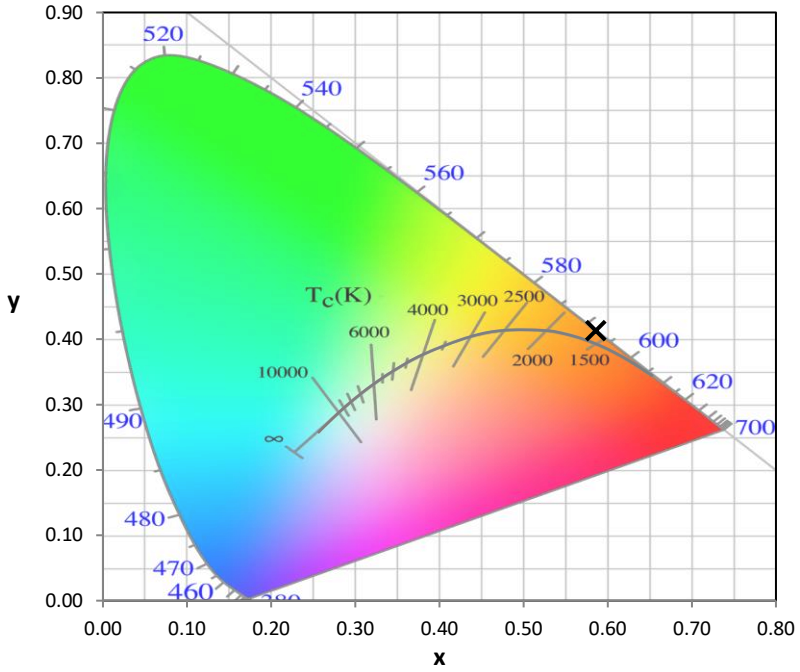
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

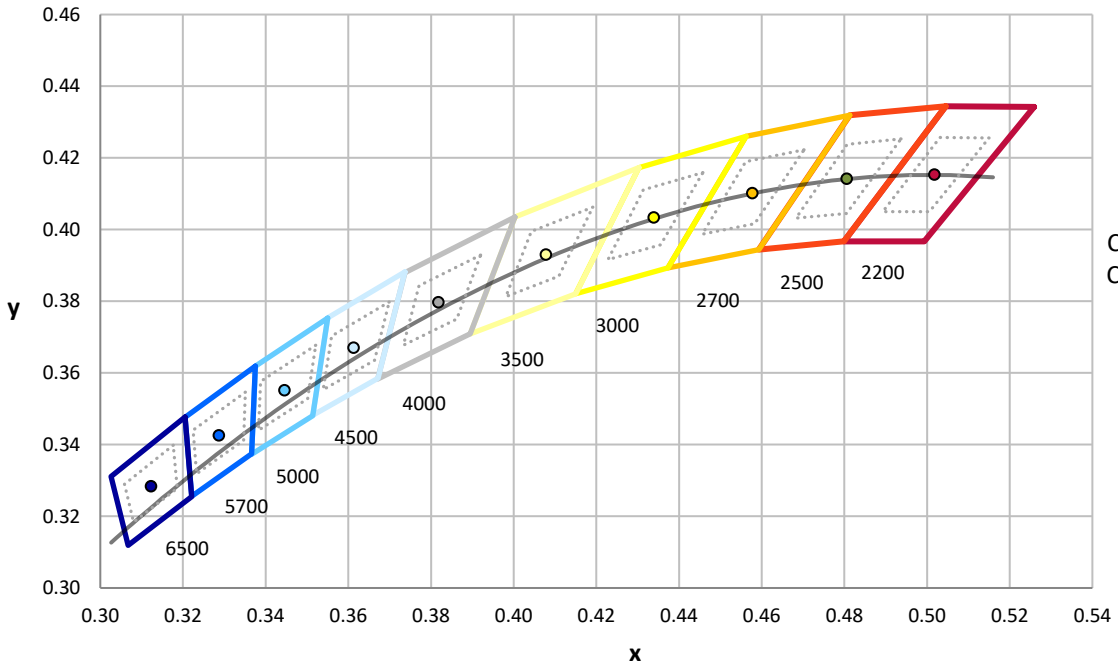
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

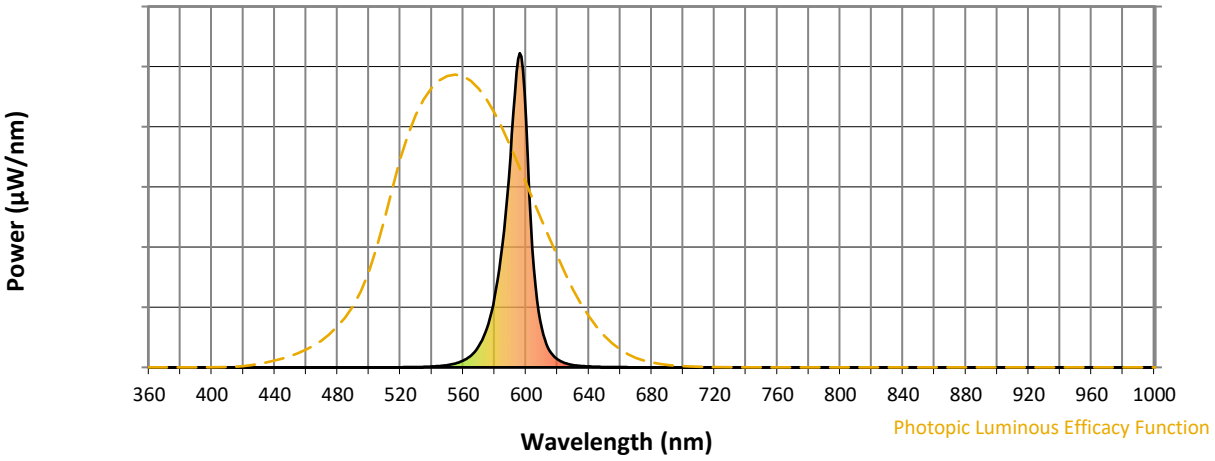


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

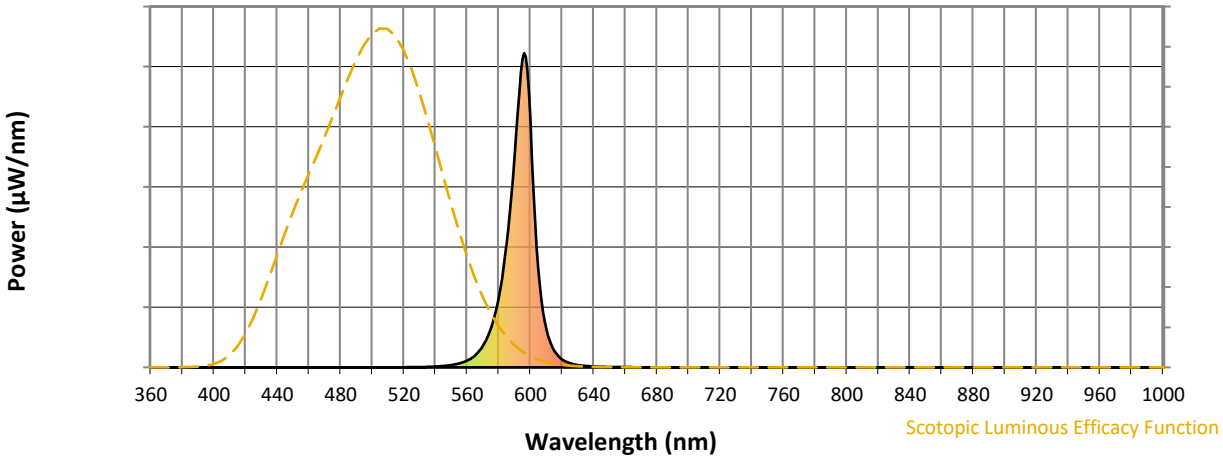


Photopic Lumens: NR

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

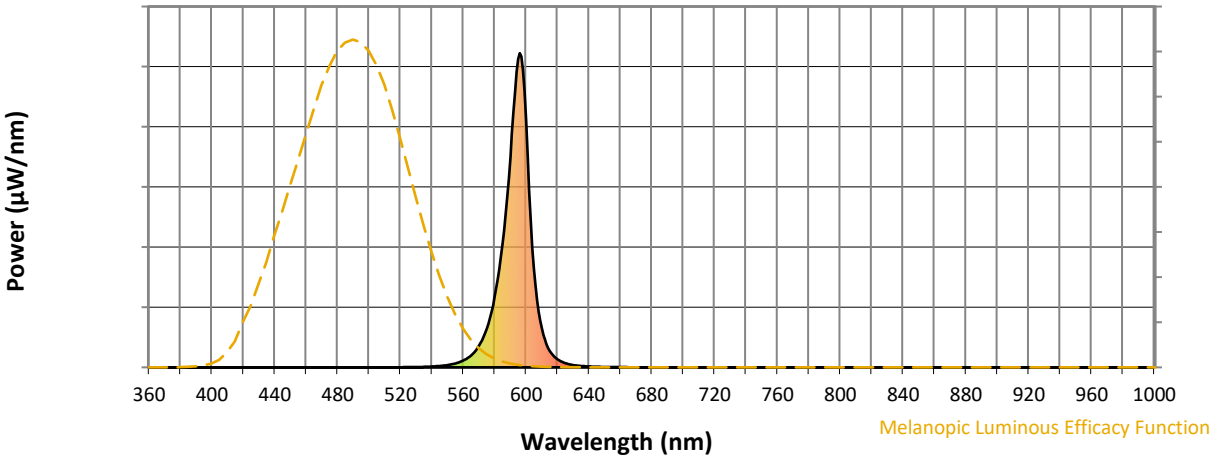


Scotopic Lumens: NR **S/P: 0.23**

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			

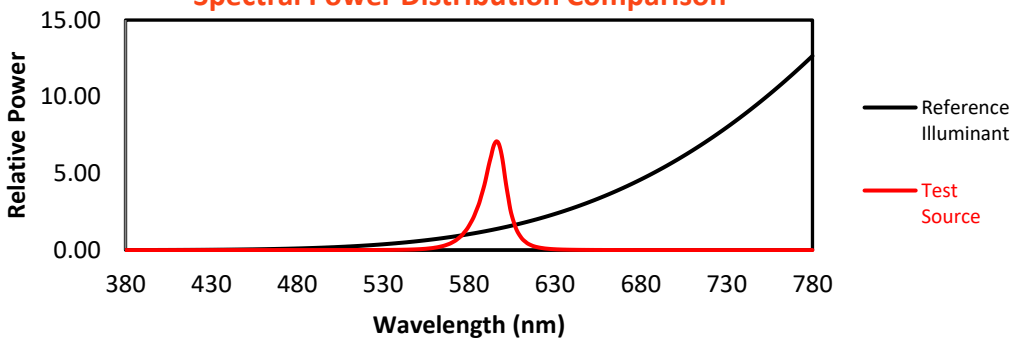
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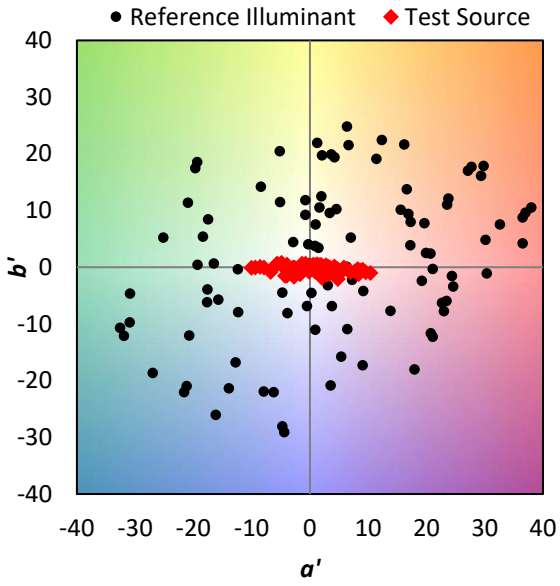
Summary

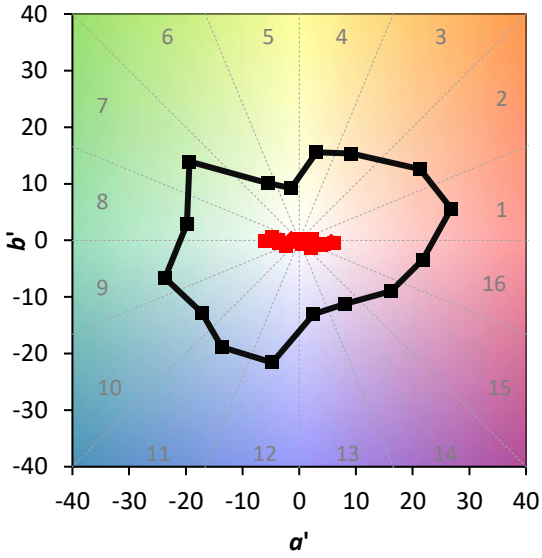
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

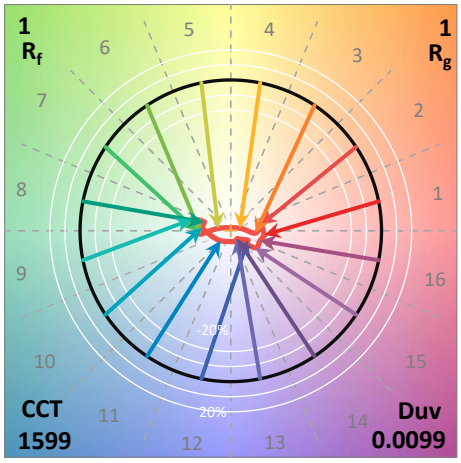
Spectral Power Distribution Comparison

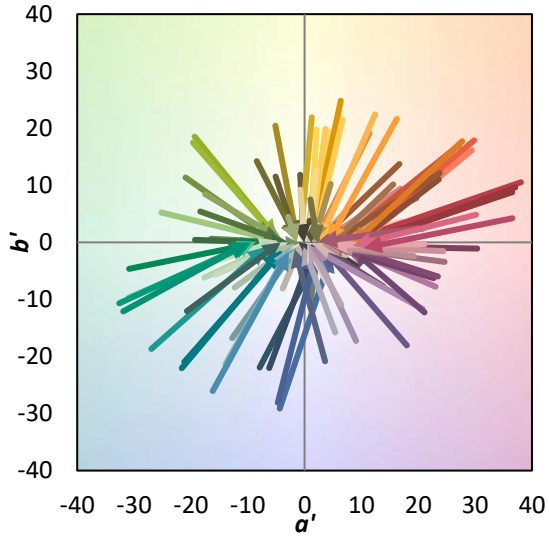


Color Vector Graphics







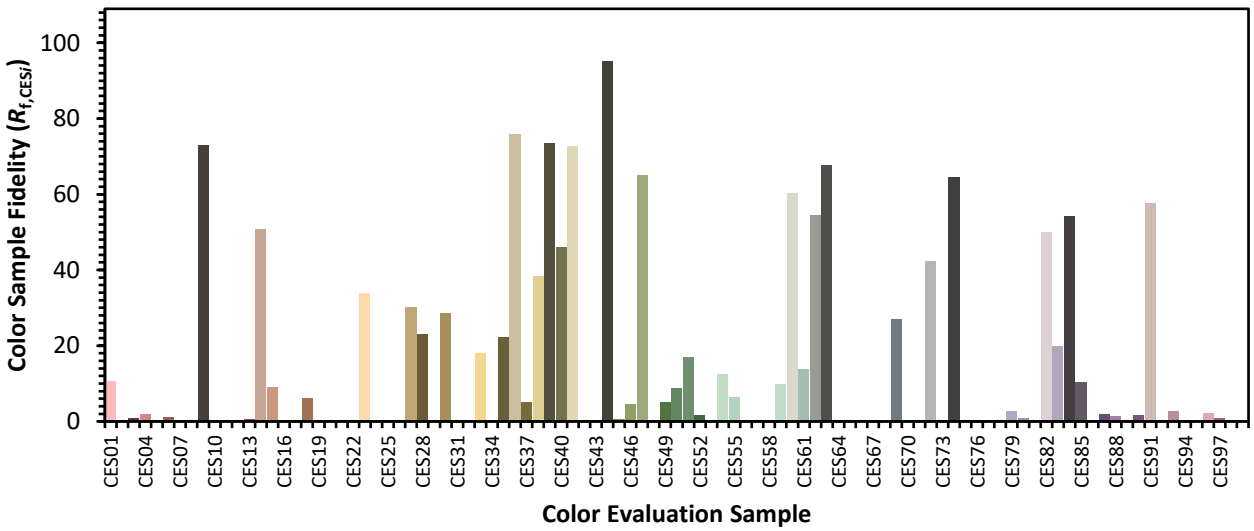


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Individual Sample Fidelity Index ($R_{f,i}$)

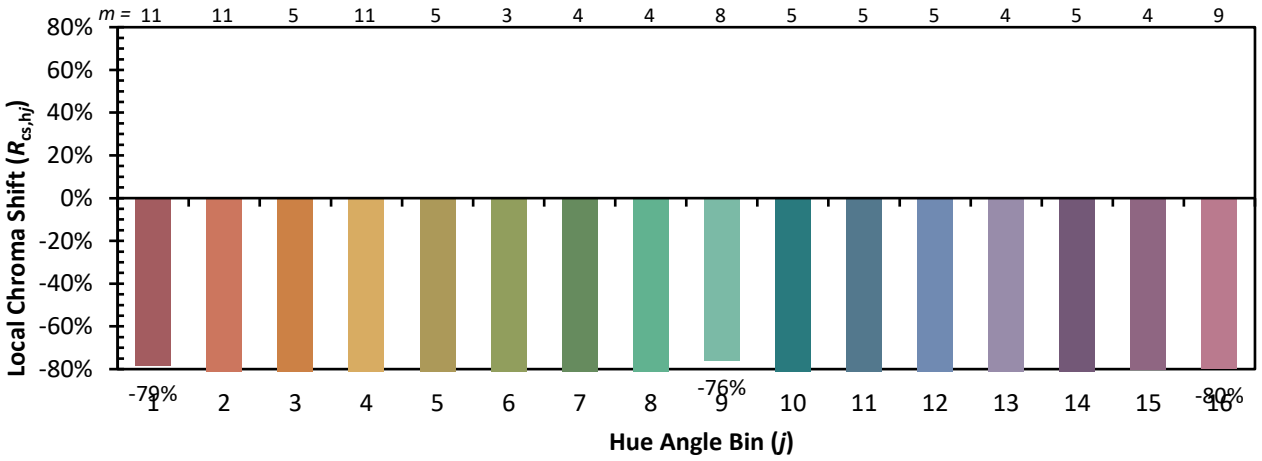
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

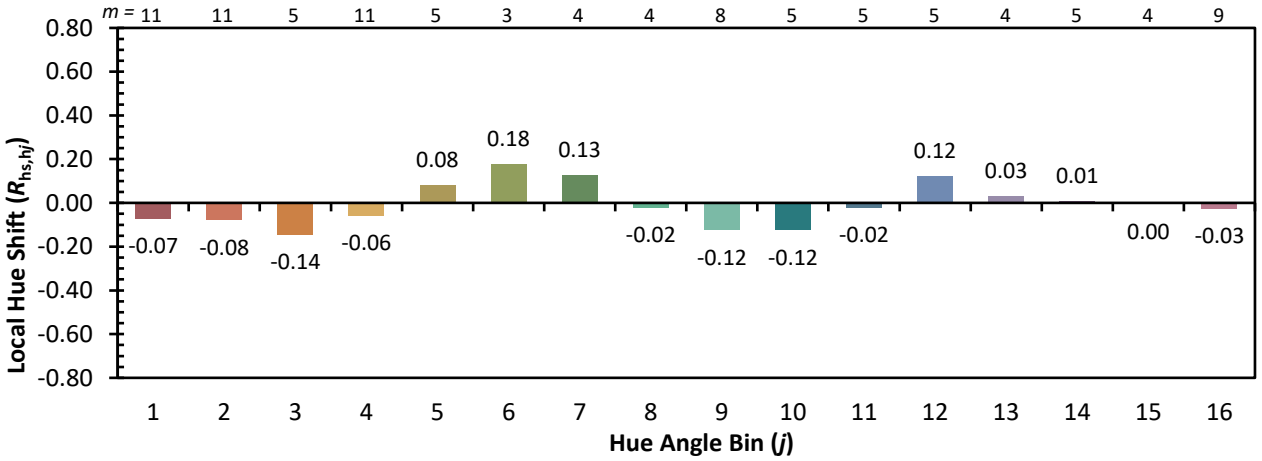


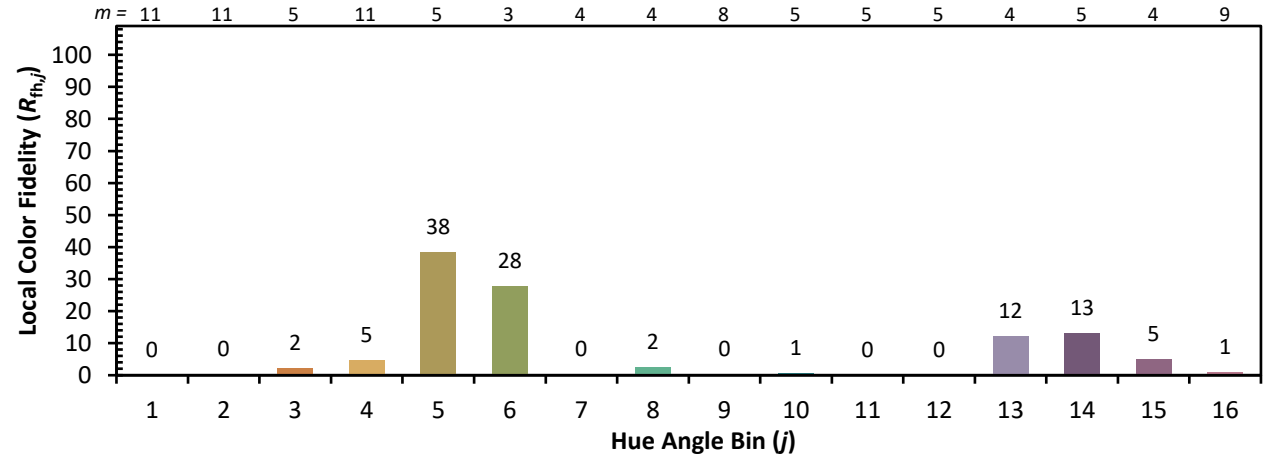
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Color Rendition by Hue-Angle Bin



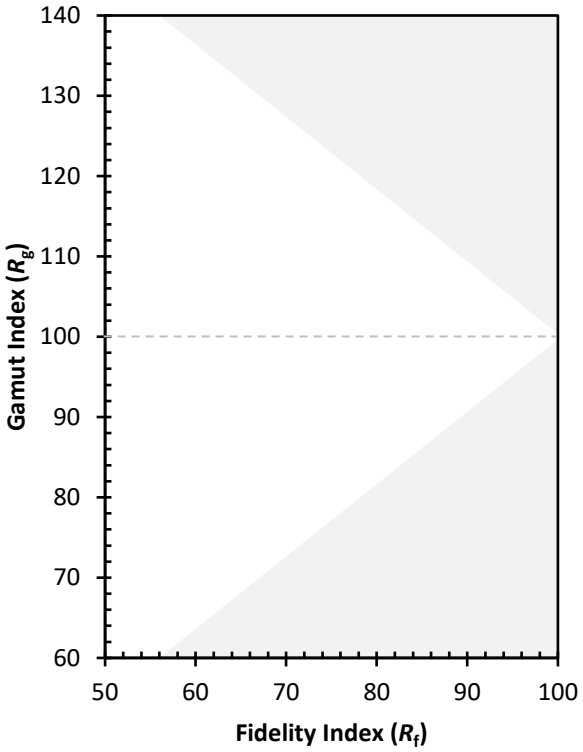


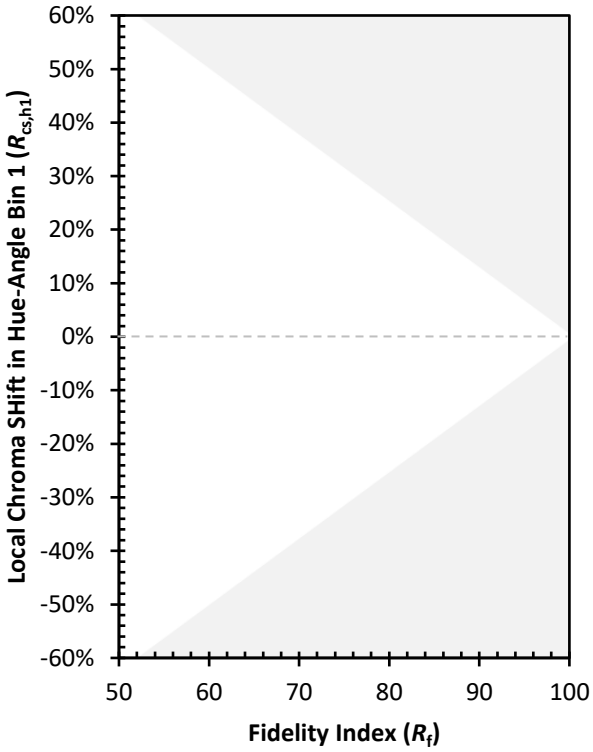


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Measure Comparisons





(END OF REPORT)