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-AFL-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-AFL-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE 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:	8999.5 lumens
Efficiency:	N/A
Efficacy:	56.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

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

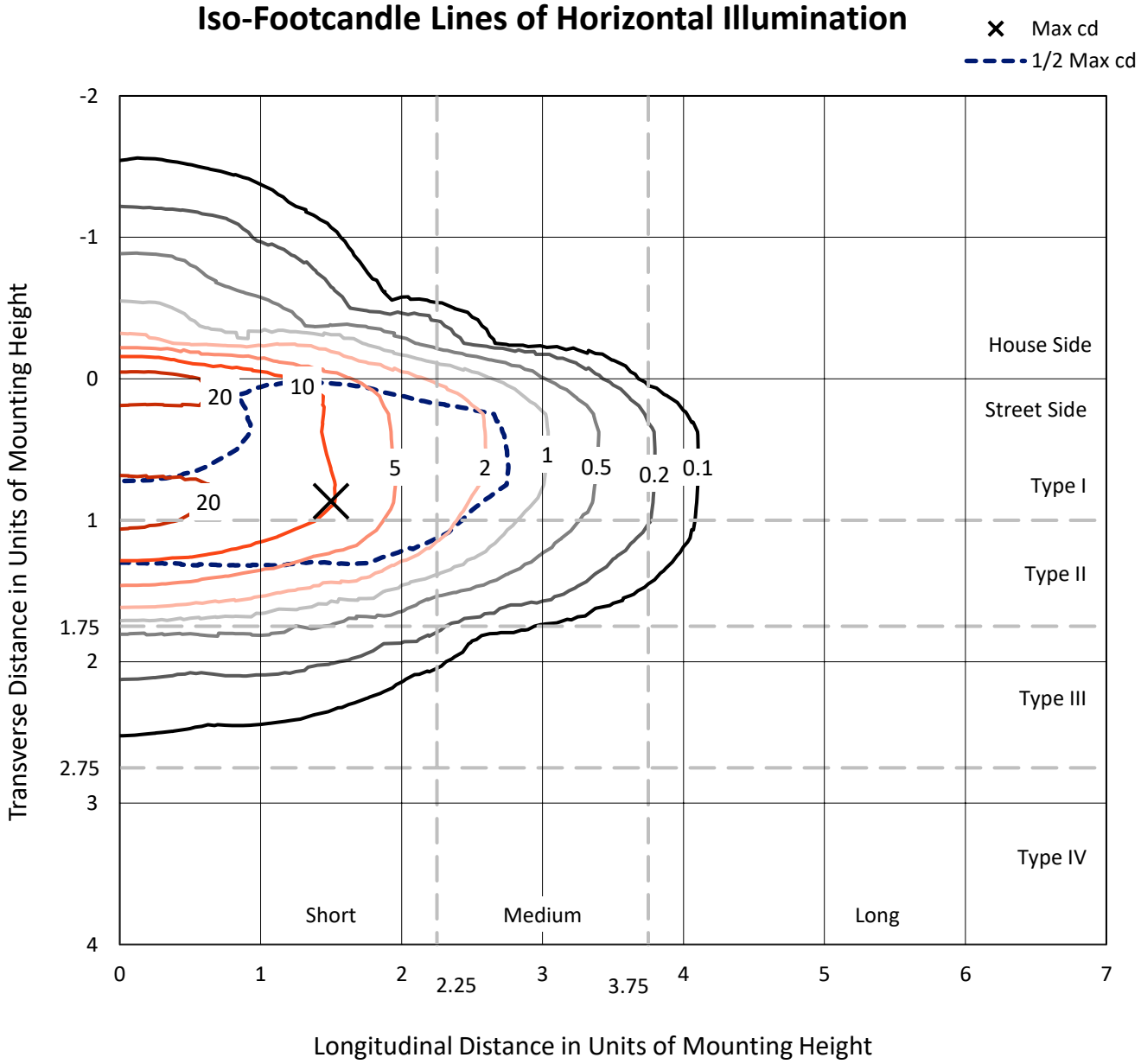


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



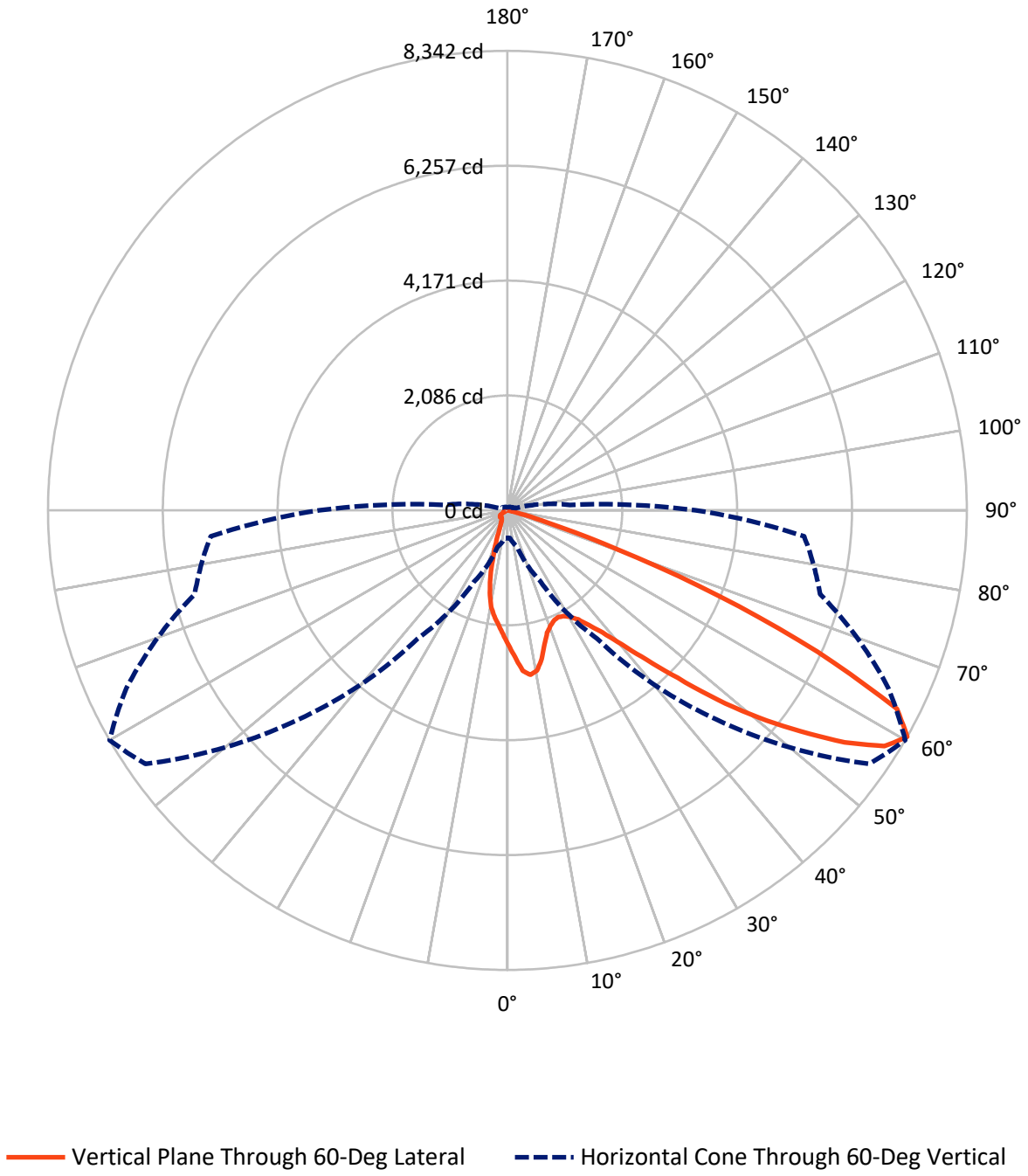
Based on 10 foot mounting height. Maximum calculated value = 25.4 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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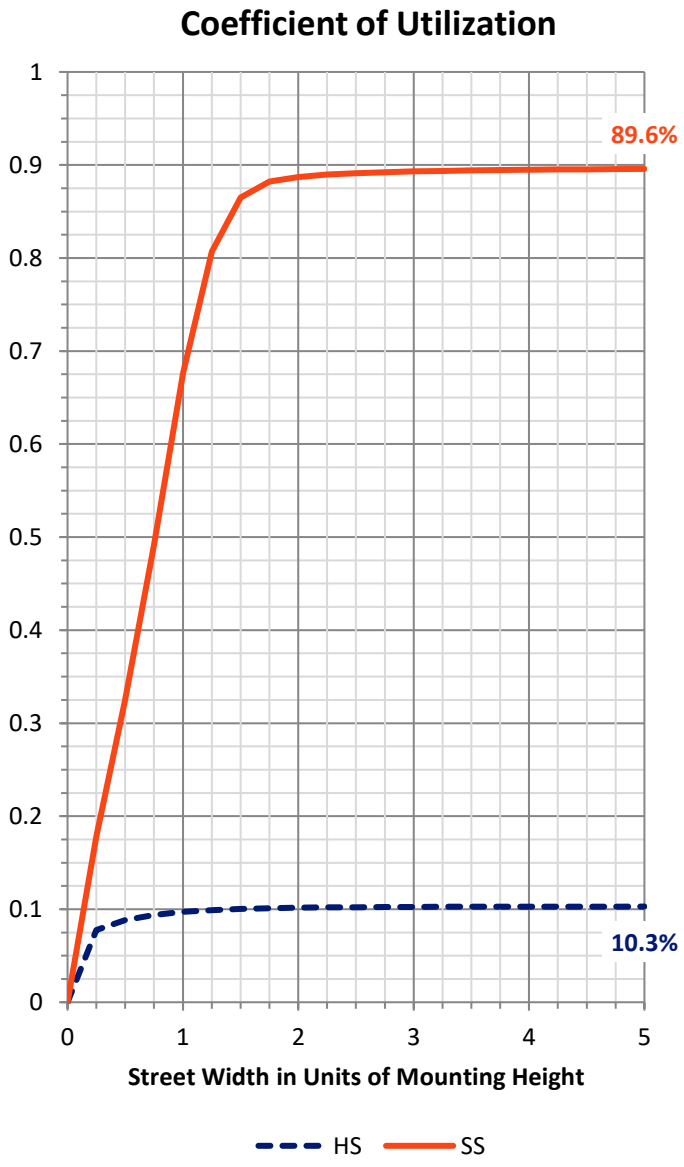
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	930.1	0.0	930.1
	% Fixture	10.3	0.0	10.3
Street Side	Lumens	8069.4	0.0	8069.4
	% Fixture	89.7	0.0	89.7
Total	Lumens	8999.5	0.0	8999.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.7	2.4
10°-20°	456.3	5.1
20°-30°	656.0	7.3
30°-40°	1165.1	12.9
40°-50°	2190.4	24.3
50°-60°	2516.7	28.0
60°-70°	1451.2	16.1
70°-80°	333.5	3.7
80°-90°	14.4	0.2
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°	8999.5	100.0
0°-180°	8999.5	100.0



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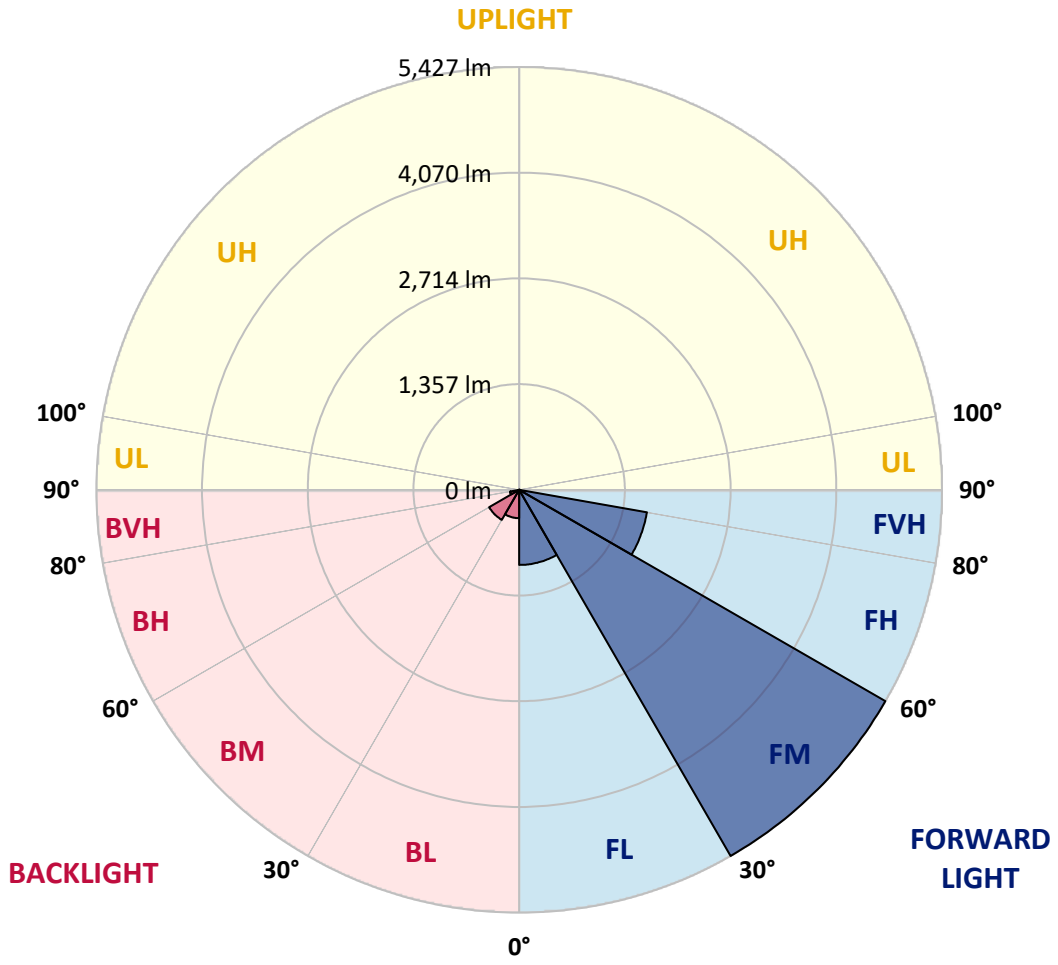
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	964.3	10.7			
FM	(30°-60°)	5427.2	60.3			
FH	(60°-80°)	1665.9	18.5			G1/1800
FVH	(80°-90°)	12.1	0.1			G1/100
BL	(0°-30°)	363.7	4.0	B1/500		
BM	(30°-60°)	445.1	4.9	B1/1000		
BH	(60°-80°)	118.9	1.3	B1/500		G1/500
BVH	(80°-90°)	2.4	0.0			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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1
2.5°	2896.5	2840.2	2849.5	2807.3	2769.7	2741.6	2708.7	2666.5	2624.2	2553.8	2492.8
5°	2915.3	2896.5	2896.5	2920.0	2948.1	2962.2	2943.4	2924.7	2873.0	2746.3	2572.6
7.5°	2455.2	2417.7	2469.3	2591.3	2680.5	2849.5	2985.7	3013.8	3023.2	2943.4	2689.9
10°	2037.4	2032.7	2051.5	2164.2	2286.2	2525.6	2844.8	2957.5	3046.7	3089.0	2802.6
12.5°	1783.9	1779.2	1798.0	1859.0	1990.5	2197.0	2549.1	2765.0	2976.3	3178.2	2920.0
15°	1657.1	1652.5	1661.8	1713.5	1798.0	1971.7	2281.5	2520.9	2835.5	3243.9	3032.6
17.5°	1596.1	1582.0	1582.0	1624.3	1699.4	1840.2	2136.0	2333.2	2661.8	3323.7	3164.1
20°	1553.9	1549.2	1544.5	1577.3	1647.8	1793.3	2028.0	2234.6	2525.6	3389.4	3258.0
22.5°	1582.0	1586.7	1572.6	1591.4	1657.1	1779.2	1985.8	2168.8	2455.2	3394.1	3370.6
25°	1704.1	1680.6	1661.8	1661.8	1708.8	1812.1	1990.5	2145.4	2417.7	3361.2	3483.3
27.5°	1896.6	1877.8	1844.9	1807.4	1826.1	1887.2	2046.8	2173.5	2408.3	3361.2	3577.2
30°	2281.5	2239.3	2159.5	2051.5	2013.9	2028.0	2136.0	2239.3	2450.5	3394.1	3671.1
32.5°	2934.0	2887.1	2708.7	2516.2	2328.5	2248.7	2295.6	2361.3	2535.0	3403.5	3779.0
35°	3849.5	3788.4	3572.5	3178.2	2802.6	2567.9	2511.5	2563.2	2689.9	3483.3	3896.4
37.5°	4783.7	4769.6	4506.7	4060.7	3497.4	3084.3	2835.5	2812.0	2896.5	3628.8	4070.1
40°	5661.5	5605.2	5361.1	4952.7	4389.3	3760.3	3281.4	3192.2	3192.2	3802.5	4262.6
42.5°	6285.9	6187.3	5976.1	5670.9	5253.1	4558.3	3901.1	3703.9	3567.8	4079.5	4558.3
45°	6478.4	6431.4	6356.3	6224.9	5924.4	5459.7	4703.9	4337.7	4074.8	4398.7	4764.9
47.5°	6238.9	6201.4	6281.2	6525.3	6450.2	6168.5	5609.9	5131.1	4675.7	4746.1	4999.6
50°	5060.6	5117.0	5793.0	6389.2	6703.7	6844.5	6417.3	5910.3	5332.9	5084.1	5220.3
52.5°	4168.7	4220.3	4478.5	5736.6	6572.3	7257.6	7215.4	6661.5	5980.8	5412.7	5393.9
55°	3065.5	3131.2	3412.9	4403.4	5868.1	7271.7	7933.7	7431.3	6473.7	5628.7	5506.6
57.5°	1727.6	1760.4	2159.5	2830.8	4572.4	6656.8	8337.4	8074.5	7027.6	5778.9	5506.6
60°	507.0	502.3	685.4	1427.1	2840.2	5365.8	8022.8	8342.1	7633.2	5877.5	5408.0
62.5°	328.6	328.6	338.0	563.3	1305.1	3140.6	7032.3	7938.3	7680.2	5694.4	4840.0
65°	253.5	253.5	253.5	380.3	619.7	1506.9	5084.1	6192.0	6478.4	5370.5	4581.8
67.5°	211.3	211.3	211.3	277.0	394.3	661.9	2286.2	4135.8	5065.3	5318.8	4450.4
70°	178.4	173.7	178.4	220.6	277.0	375.6	873.2	2107.8	3342.5	4492.6	4051.3
72.5°	145.5	140.8	145.5	173.7	201.9	234.7	291.1	746.4	1699.4	3309.6	3032.6
75°	98.6	98.6	108.0	122.1	140.8	159.6	145.5	234.7	647.8	1600.8	1323.8
77.5°	75.1	75.1	79.8	89.2	93.9	108.0	89.2	103.3	197.2	394.3	262.9
80°	28.2	32.9	56.3	65.7	56.3	61.0	51.6	61.0	79.8	140.8	98.6
82.5°	9.4	9.4	37.6	32.9	37.6	28.2	28.2	32.9	42.3	70.4	32.9
85°	4.7	4.7	14.1	14.1	18.8	14.1	14.1	18.8	23.5	28.2	14.1
87.5°	0.0	0.0	0.0	0.0	0.0	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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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1	2441.1
2.5°	2441.1	2408.3	2337.8	2276.8	2220.5	2168.8	2145.4	2098.4	2089.0	2103.1	2089.0
5°	2478.7	2408.3	2258.0	2121.9	2028.0	1938.8	1849.6	1793.3	1751.0	1732.3	1722.9
7.5°	2544.4	2408.3	2197.0	2018.6	1859.0	1685.3	1516.3	1403.6	1286.3	1253.4	1215.9
10°	2610.1	2431.7	2159.5	1910.6	1638.4	1328.5	1032.8	812.1	685.4	610.3	619.7
12.5°	2671.2	2450.5	2117.2	1765.1	1295.7	868.5	530.5	408.4	361.5	342.7	333.3
15°	2736.9	2469.3	2042.1	1535.1	910.7	469.4	338.0	281.7	262.9	253.5	248.8
17.5°	2797.9	2478.7	1952.9	1211.2	525.8	319.2	253.5	234.7	225.3	220.6	220.6
20°	2858.9	2488.1	1816.8	873.2	361.5	248.8	225.3	211.3	201.9	197.2	197.2
22.5°	2901.2	2488.1	1600.8	549.3	267.6	220.6	206.6	192.5	183.1	178.4	178.4
25°	2971.6	2464.6	1323.8	375.6	230.0	211.3	197.2	183.1	169.0	164.3	164.3
27.5°	2995.1	2436.4	1051.6	291.1	211.3	197.2	183.1	169.0	154.9	150.2	150.2
30°	3032.6	2384.8	784.0	230.0	192.5	183.1	173.7	159.6	145.5	140.8	140.8
32.5°	3074.9	2319.1	539.9	211.3	178.4	169.0	159.6	145.5	136.1	136.1	136.1
35°	3135.9	2253.3	413.1	192.5	164.3	154.9	145.5	136.1	136.1	136.1	136.1
37.5°	3239.2	2206.4	342.7	187.8	159.6	145.5	136.1	140.8	150.2	154.9	154.9
40°	3375.3	2140.7	295.8	183.1	154.9	140.8	136.1	150.2	145.5	136.1	131.4
42.5°	3544.3	2079.6	277.0	187.8	154.9	136.1	136.1	140.8	122.1	108.0	108.0
45°	3675.8	2009.2	281.7	192.5	159.6	126.8	126.8	117.4	103.3	93.9	93.9
47.5°	3765.0	1882.5	291.1	201.9	154.9	122.1	112.7	108.0	89.2	89.2	89.2
50°	3844.8	1783.9	291.1	201.9	150.2	112.7	108.0	98.6	84.5	79.8	79.8
52.5°	3849.5	1666.5	262.9	197.2	140.8	103.3	103.3	84.5	75.1	70.4	70.4
55°	3779.0	1553.9	234.7	178.4	126.8	93.9	93.9	75.1	70.4	65.7	65.7
57.5°	3675.8	1361.4	197.2	145.5	112.7	89.2	79.8	70.4	65.7	65.7	61.0
60°	*3417.6*	*1140.8*	*159.6*	*112.7*	*98.6*	*79.8*	*75.1*	*65.7*	*61.0*	*56.3*	*56.3*
62.5°	2868.3	859.1	122.1	93.9	89.2	75.1	70.4	61.0	56.3	46.9	42.3
65°	2718.1	737.0	93.9	75.1	75.1	65.7	61.0	56.3	42.3	28.2	28.2
67.5°	2520.9	422.5	75.1	56.3	61.0	56.3	51.6	46.9	37.6	23.5	23.5
70°	2145.4	187.8	61.0	46.9	56.3	51.6	42.3	42.3	28.2	18.8	18.8
72.5°	1319.1	93.9	46.9	37.6	46.9	28.2	37.6	32.9	23.5	14.1	9.4
75°	474.1	65.7	32.9	28.2	28.2	23.5	28.2	23.5	14.1	9.4	4.7
77.5°	150.2	51.6	23.5	18.8	14.1	14.1	18.8	14.1	4.7	4.7	0.0
80°	65.7	37.6	14.1	9.4	9.4	9.4	9.4	4.7	0.0	0.0	0.0
82.5°	23.5	28.2	9.4	9.4	4.7	4.7	4.7	0.0	0.0	0.0	0.0
85°	9.4	9.4	4.7	4.7	4.7	4.7	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.7	4.7	4.7	4.7	0.0	0.0	0.0	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

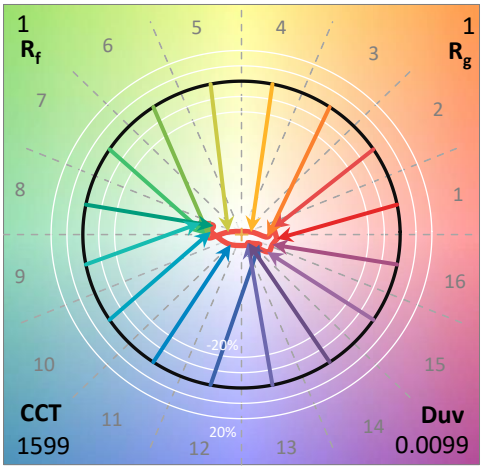
Test Information

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

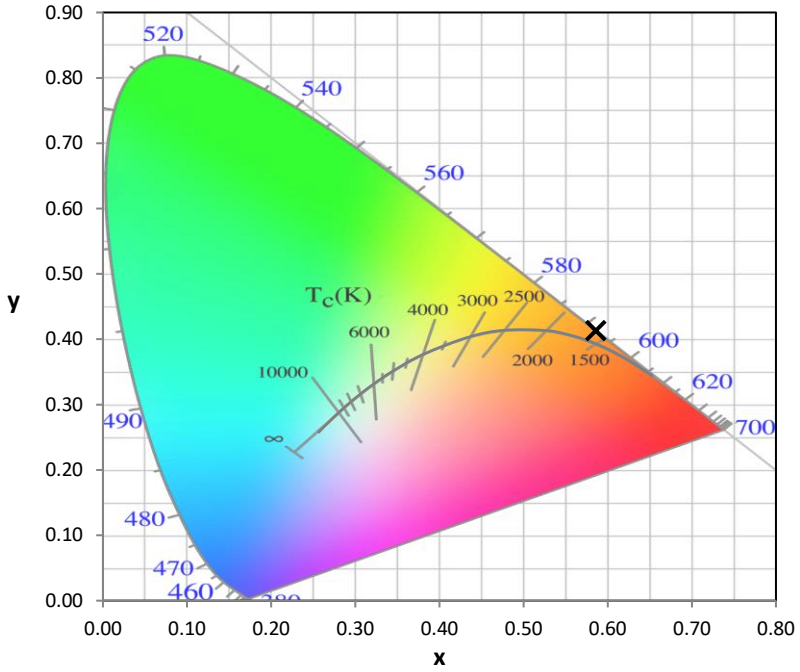
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

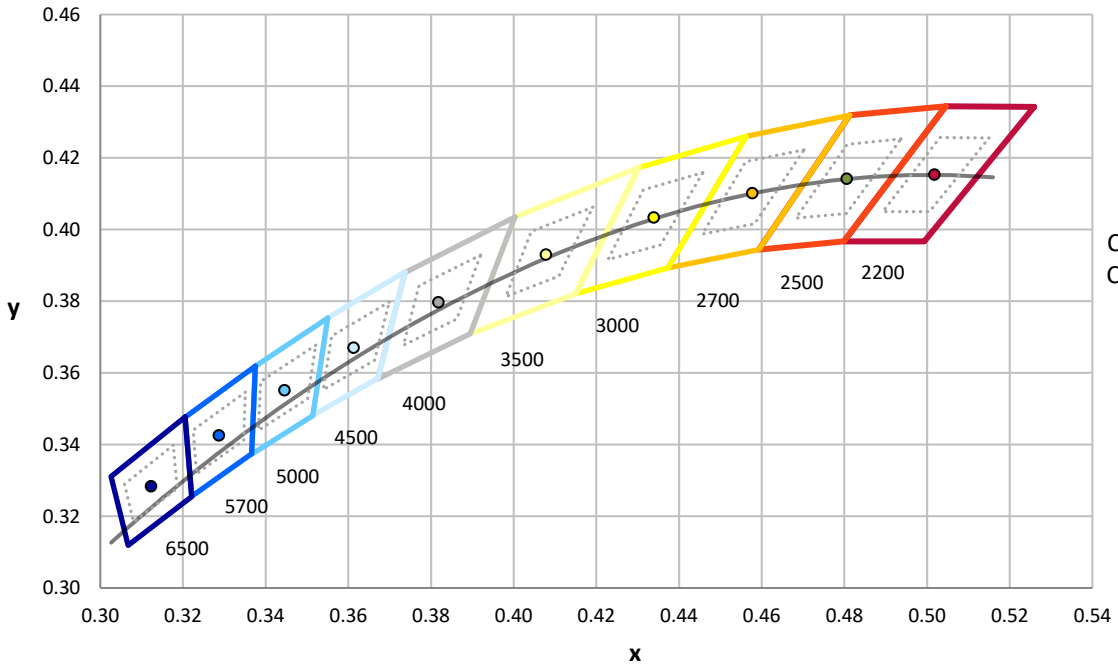
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

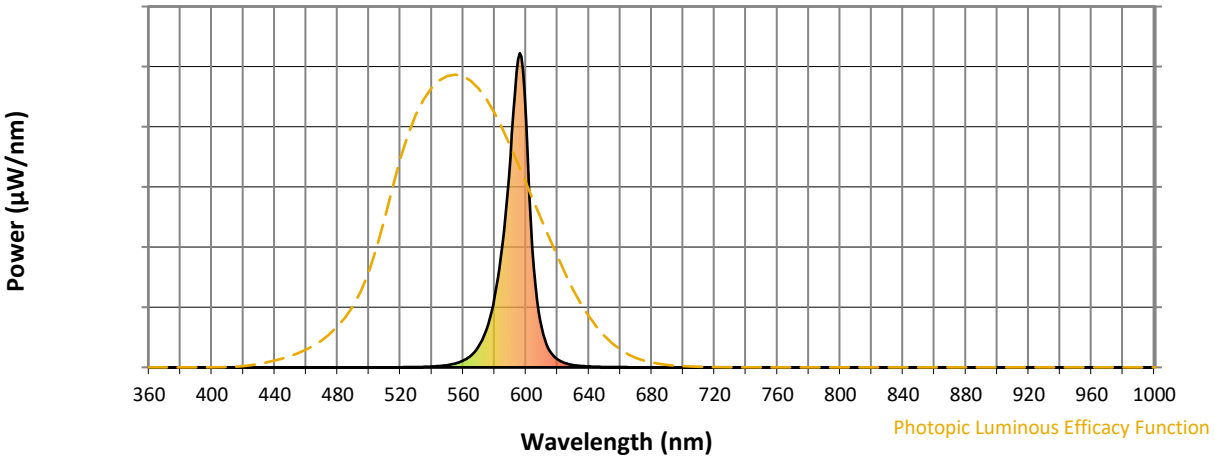


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

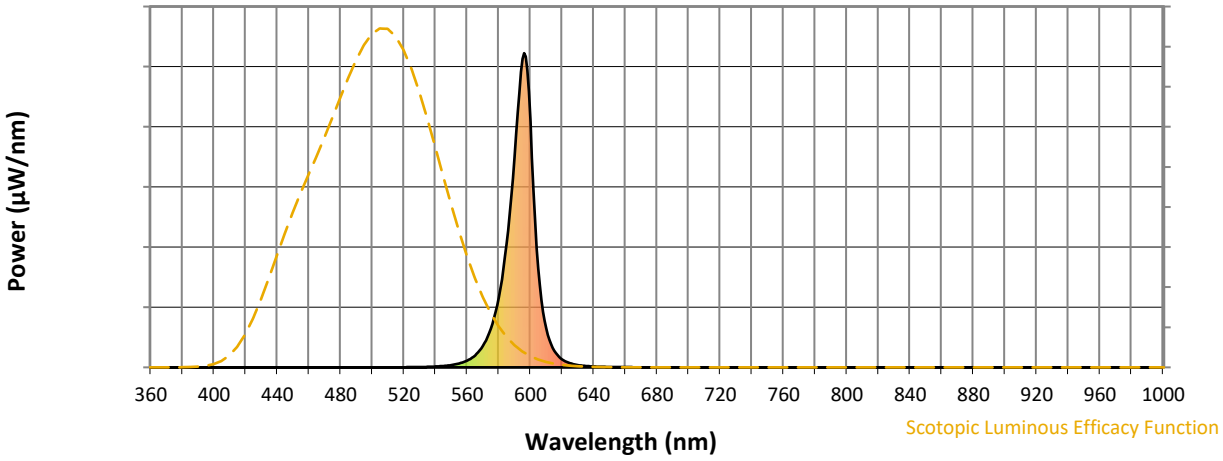


Photopic Lumens: NR

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

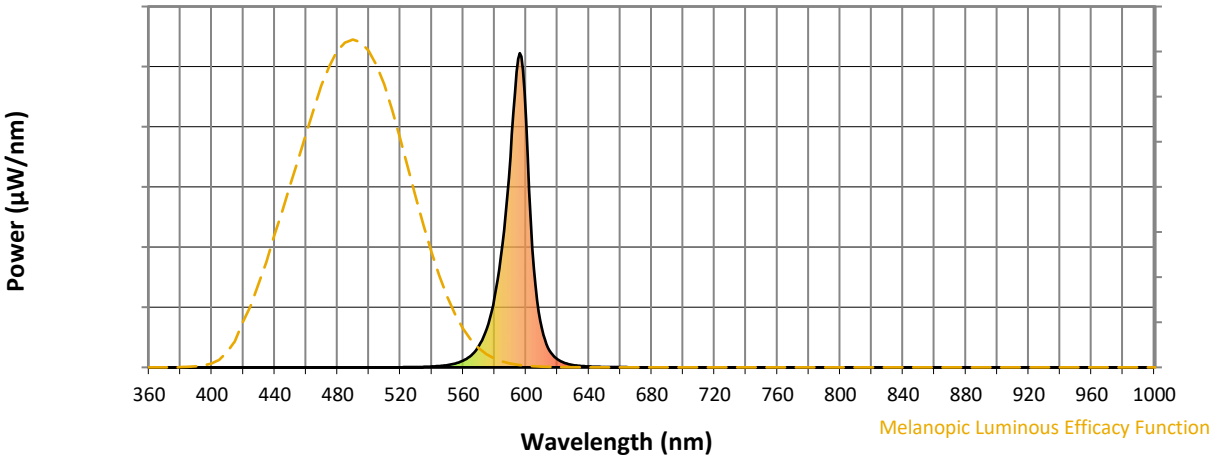


Scotopic Lumens: NR **S/P: 0.23**

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			

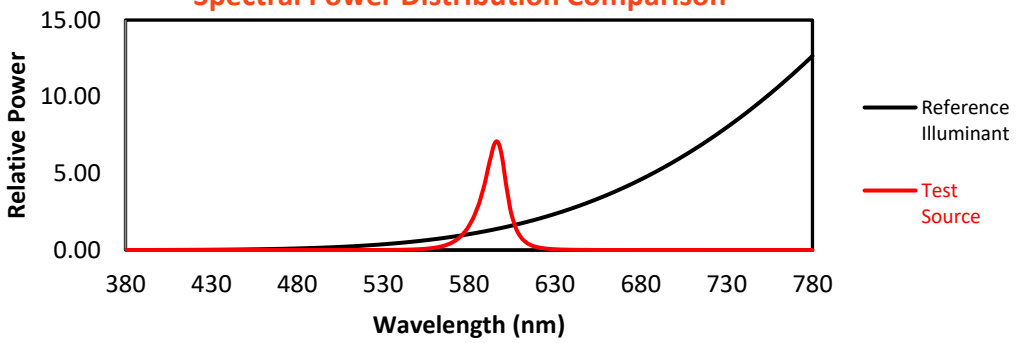
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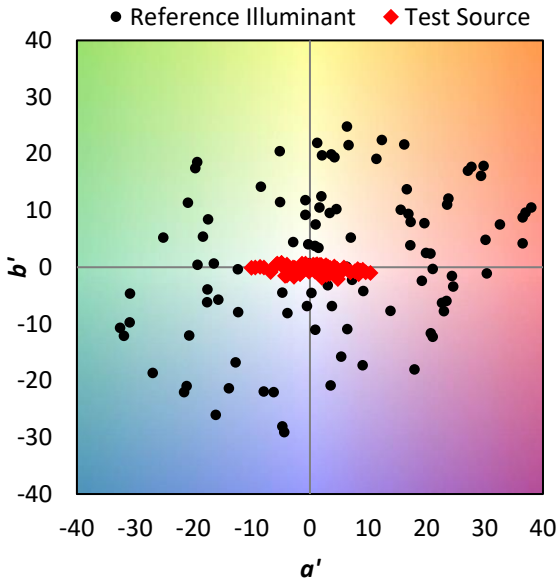
Summary

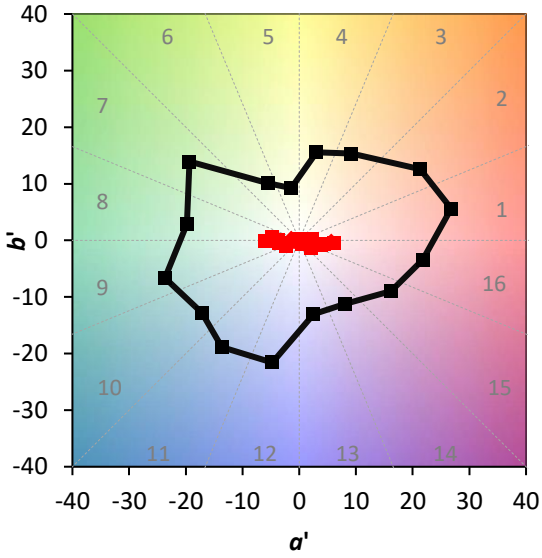
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

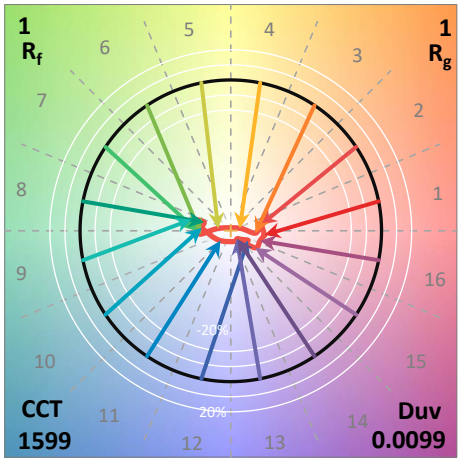
Spectral Power Distribution Comparison

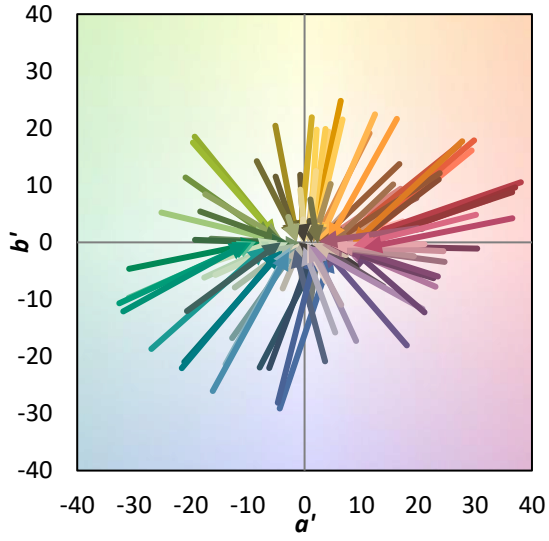


Color Vector Graphics







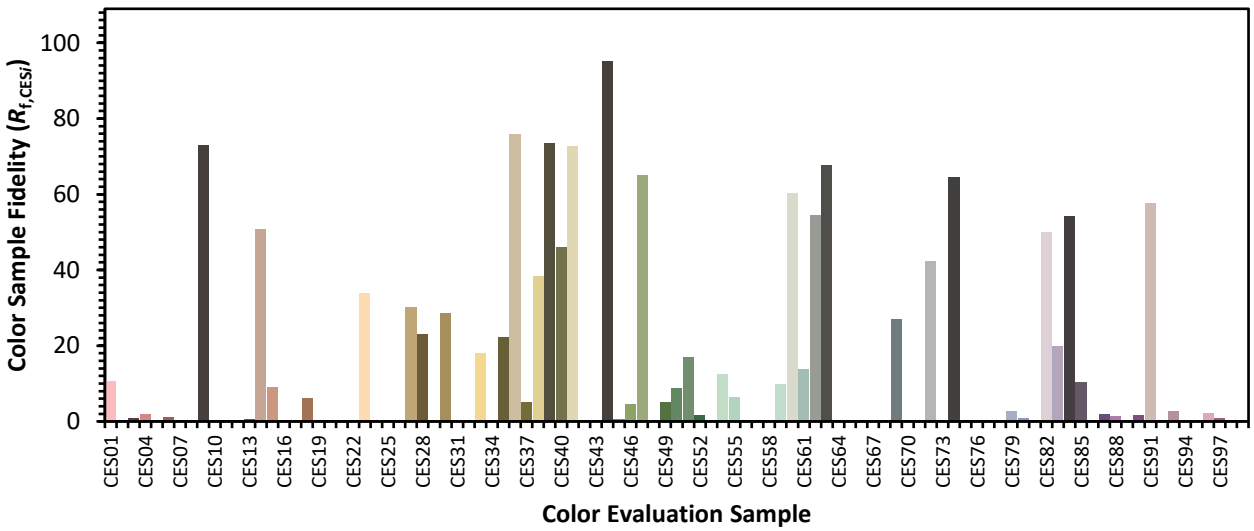


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Individual Sample Fidelity Index ($R_{f,i}$)

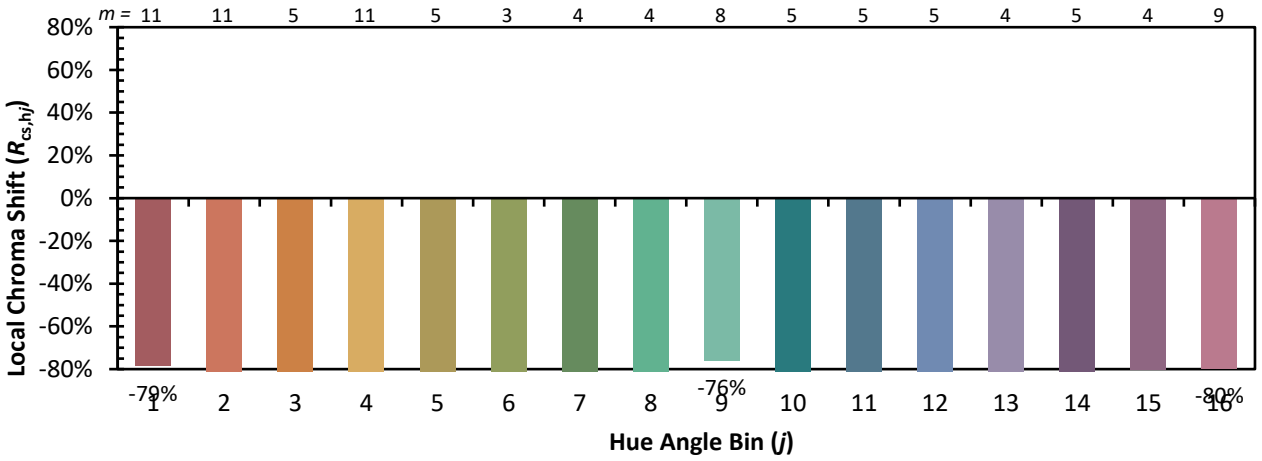
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

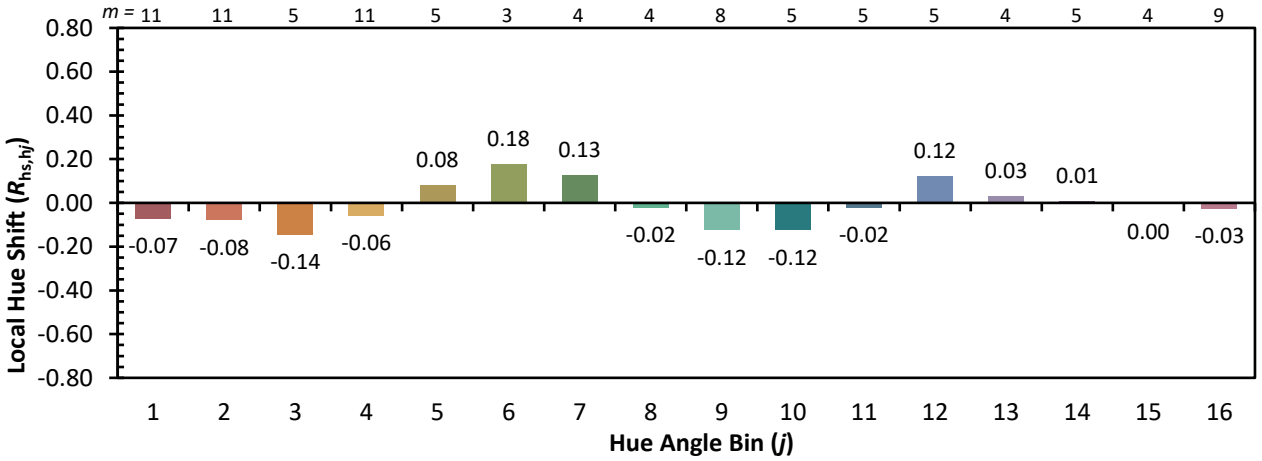


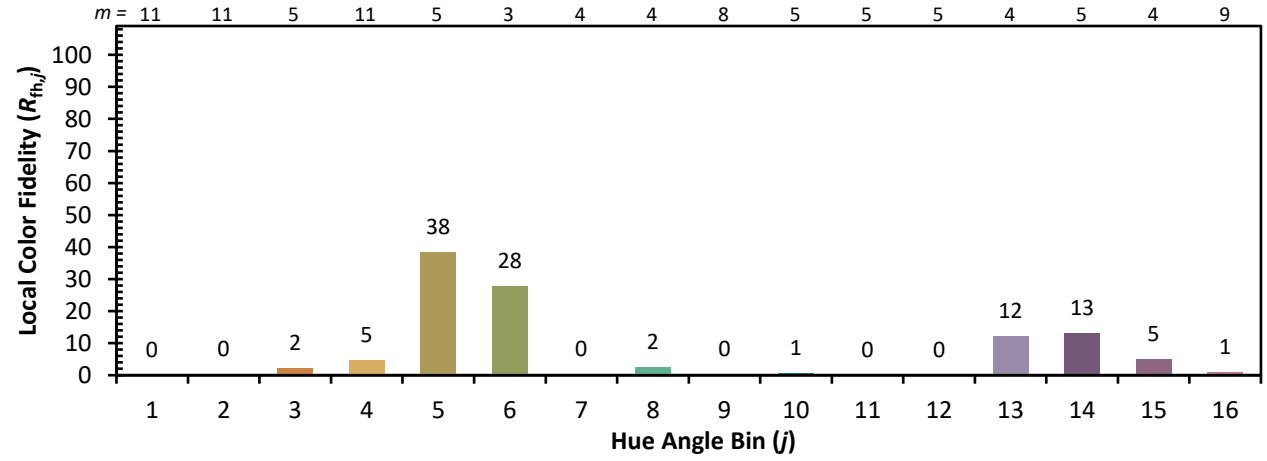
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Color Rendition by Hue-Angle Bin



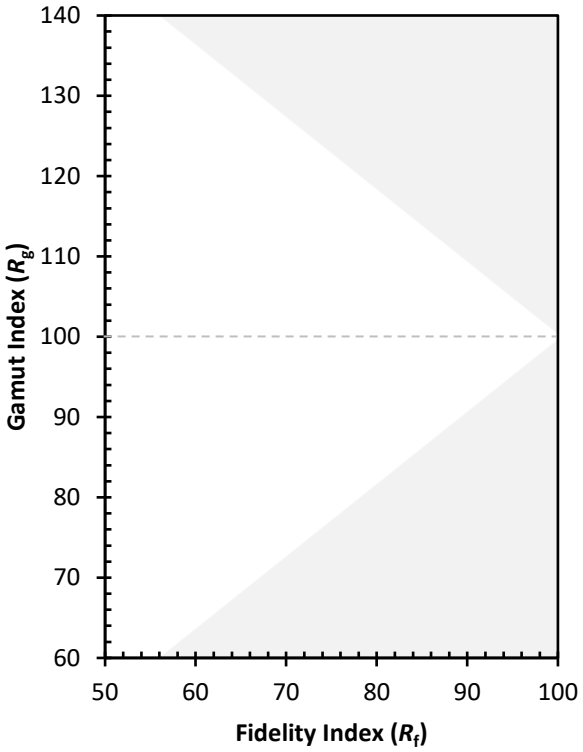


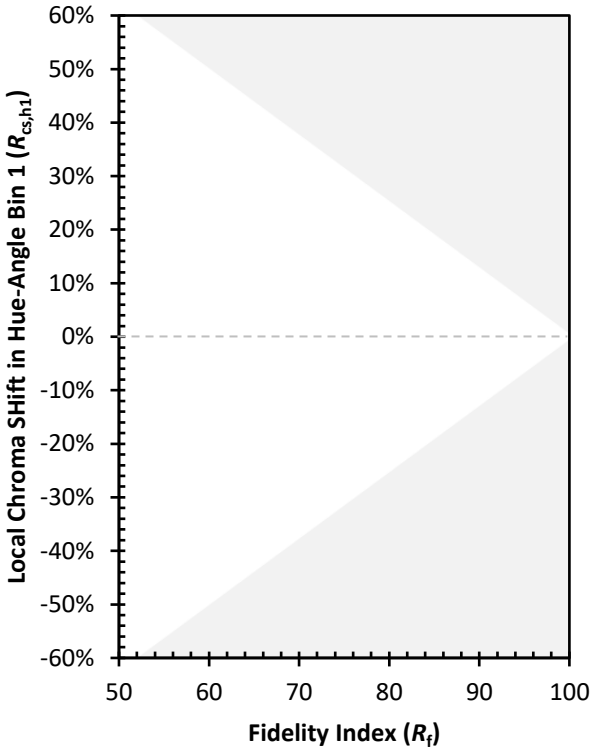


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Measure Comparisons





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