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-T4W-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-T4W-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T4 WIDE 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:	15105.6 lumens
Efficiency:	N/A
Efficacy:	222.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

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

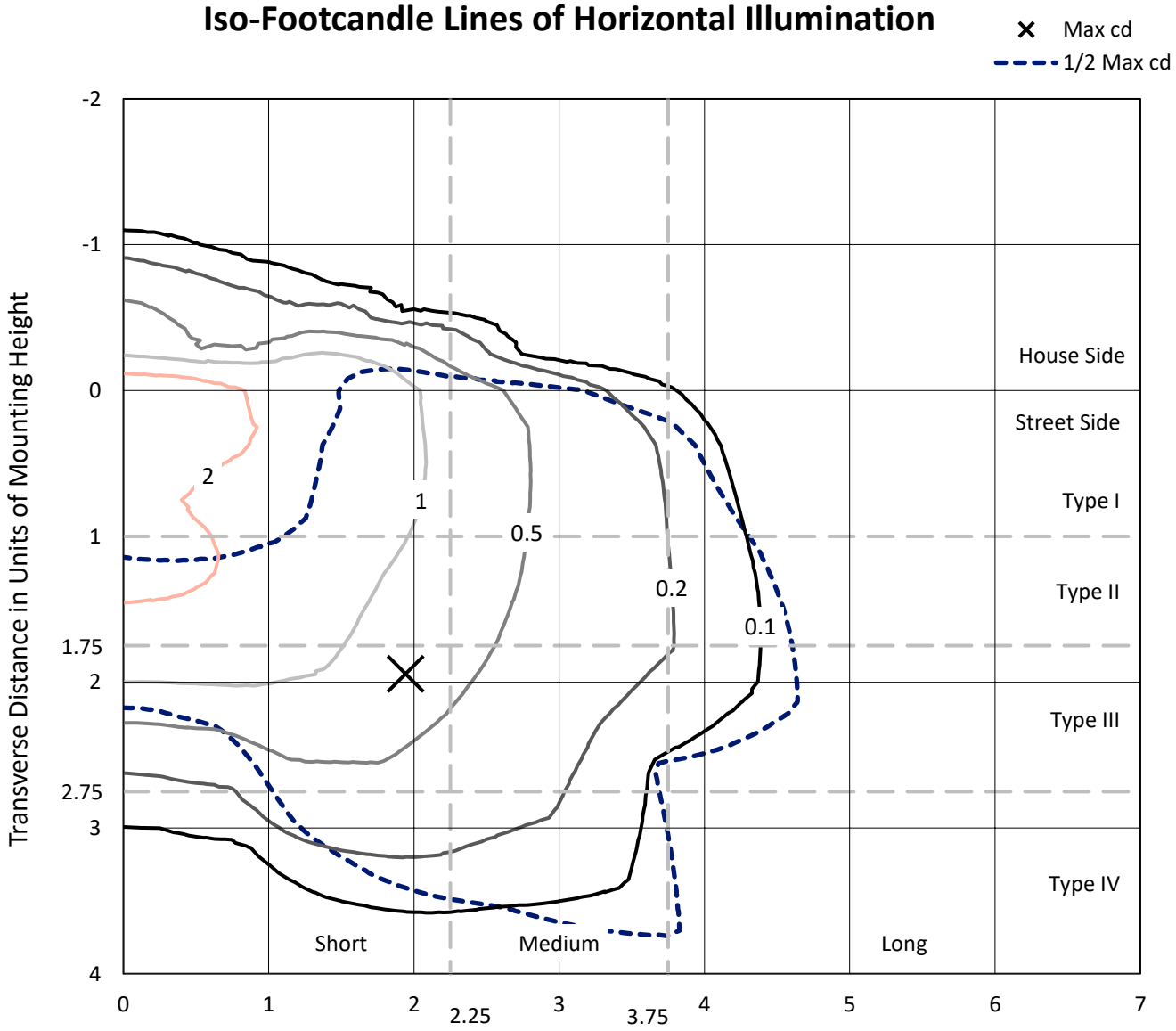


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REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



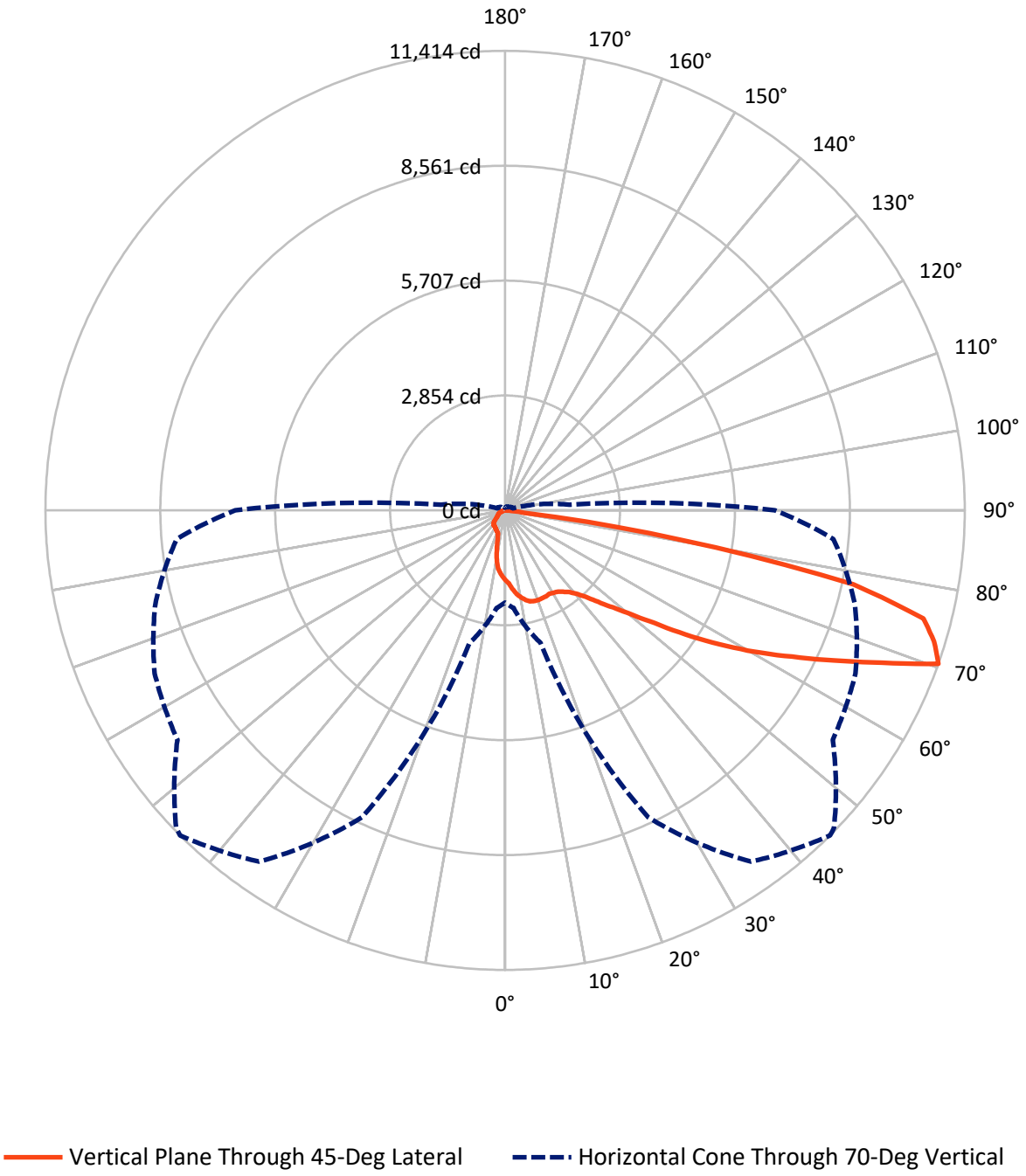
Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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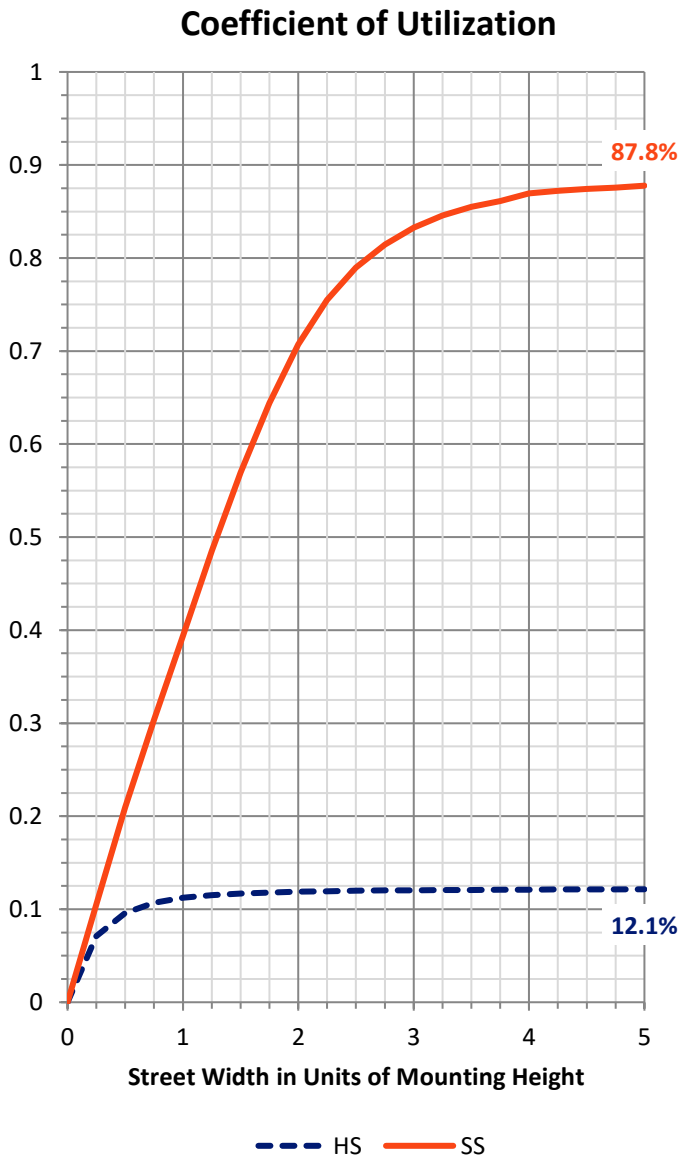
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1852.1	0.0	1852.1
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	13253.5	0.0	13253.5
	% Fixture	87.7	0.0	87.7
Total	Lumens	15105.6	0.0	15105.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.2	1.1
10°-20°	473.5	3.1
20°-30°	739.0	4.9
30°-40°	1046.9	6.9
40°-50°	1718.5	11.4
50°-60°	3114.5	20.6
60°-70°	4377.9	29.0
70°-80°	3281.2	21.7
80°-90°	186.9	1.2
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°	15105.6	100.0
0°-180°	15105.6	100.0



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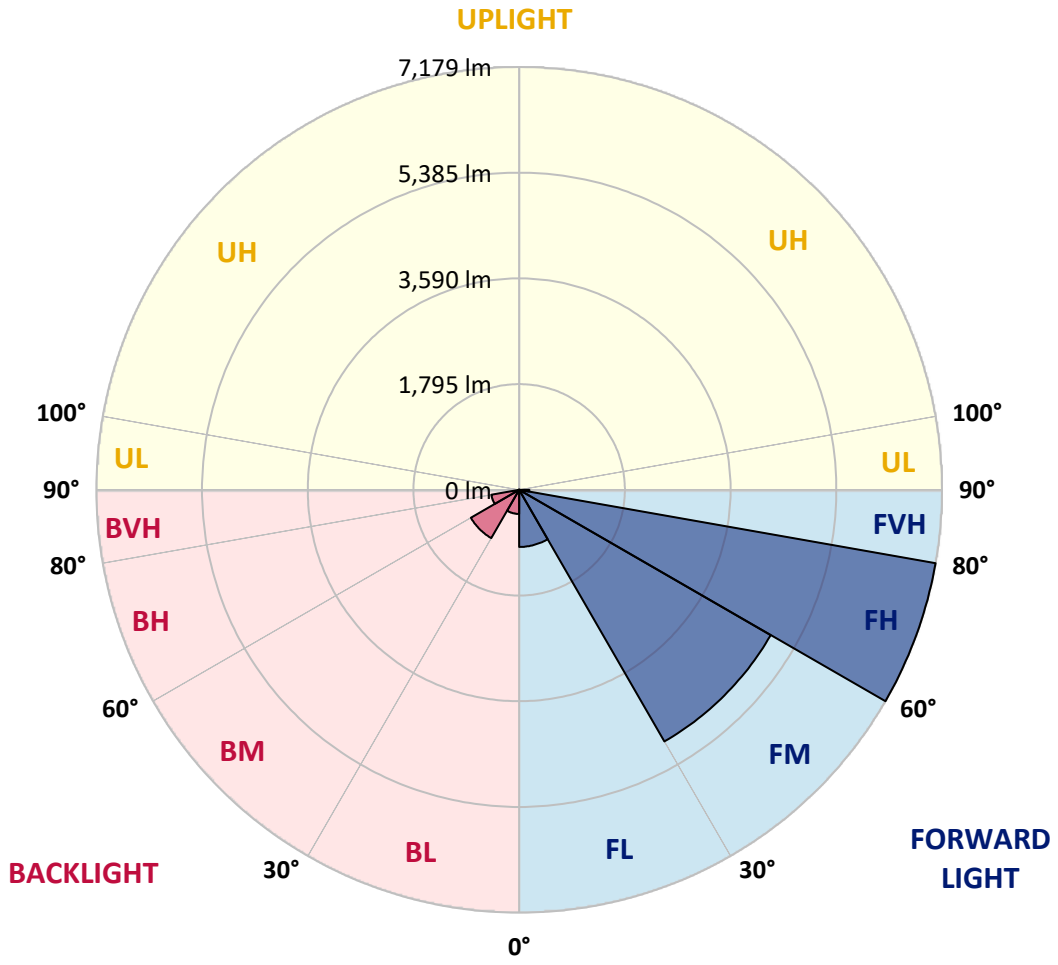
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	969.9	6.4			
FM	(30°-60°)	4932.9	32.7			
FH	(60°-80°)	7179.4	47.5			G3/7500
FVH	(80°-90°)	171.3	1.1			G2/225
BL	(0°-30°)	409.8	2.7	B1/500		
BM	(30°-60°)	947.0	6.3	B1/1000		
BH	(60°-80°)	479.7	3.2	B1/500		G1/500
BVH	(80°-90°)	15.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1737.2	1737.2	1737.2	1737.2	1737.2	*1737.2*	1737.2	1737.2	1737.2	1737.2	1737.2
2.5°	1894.2	1884.4	1864.7	1864.7	1845.1	*1815.7*	1805.9	1805.9	1786.2	1766.6	1747.0
5°	2110.1	2080.7	2070.8	2061.0	2002.1	*1962.9*	1943.3	1913.8	1864.7	1815.7	1766.6
7.5°	2326.0	2286.8	2237.7	2218.1	2159.2	*2100.3*	2080.7	2031.6	1953.1	1884.4	1815.7
10°	2463.4	2434.0	2404.5	2345.6	2286.8	*2198.4*	2188.6	2129.7	2051.2	1962.9	1874.6
12.5°	2561.6	2522.3	2483.0	2414.3	2345.6	*2286.8*	2267.1	2218.1	2139.5	2051.2	1943.3
15°	2610.6	2571.4	2532.1	2453.6	2394.7	*2345.6*	2326.0	2296.6	2218.1	2139.5	2021.8
17.5°	2571.4	2551.7	2502.7	2434.0	2394.7	*2365.3*	2345.6	2345.6	2286.8	2208.2	2090.5
20°	2512.5	2492.9	2443.8	2394.7	2375.1	*2375.1*	2355.5	2345.6	2326.0	2267.1	2139.5
22.5°	2453.6	2434.0	2404.5	2355.5	2335.8	*2365.3*	2345.6	2384.9	2355.5	2306.4	2178.8
25°	2404.5	2384.9	2365.3	2316.2	2316.2	*2365.3*	2345.6	2394.7	2394.7	2345.6	2237.7
27.5°	2384.9	2375.1	2345.6	2296.6	2316.2	*2345.6*	2345.6	2434.0	2443.8	2404.5	2316.2
30°	2404.5	2394.7	2365.3	2335.8	2326.0	*2375.1*	2375.1	2463.4	2502.7	2483.0	2384.9
32.5°	2483.0	2453.6	2424.2	2375.1	2384.9	*2404.5*	2414.3	2512.5	2581.2	2551.7	2453.6
35°	2591.0	2581.2	2532.1	2473.2	2453.6	*2483.0*	2473.2	2581.2	2679.3	2649.9	2522.3
37.5°	2777.5	2777.5	2689.1	2610.6	2571.4	*2571.4*	2561.6	2659.7	2787.3	2767.7	2640.1
40°	3091.5	3071.9	2964.0	2816.7	2738.2	*2718.6*	2708.8	2806.9	2944.3	2944.3	2787.3
42.5°	3817.8	3739.3	3484.1	3130.8	2964.0	*2934.5*	2895.3	3003.2	3140.6	3140.6	2983.6
45°	4593.1	4544.1	4269.3	3709.8	3258.4	*3238.8*	3199.5	3258.4	3425.2	3493.9	3287.8
47.5°	5348.9	5250.7	4966.1	4445.9	3729.5	*3601.9*	3592.1	3592.1	3837.4	3935.6	3670.6
50°	6016.2	5927.9	5653.1	5152.6	4436.1	*4043.5*	4014.1	4023.9	4288.9	4455.7	4161.3
52.5°	6438.3	6408.8	6212.5	5859.2	5211.5	*4652.0*	4622.6	4553.9	4828.7	5034.8	4750.2
55°	6801.4	6742.5	6781.8	6614.9	6124.2	*5437.2*	5348.9	5132.9	5496.1	5721.8	5339.0
57.5°	7194.0	7154.7	7360.8	7390.2	7154.7	*6271.4*	6173.3	5869.0	6242.0	6408.8	6006.4
60°	7498.2	7478.6	7822.1	8234.3	8077.3	*7135.1*	6987.9	6654.2	7066.4	7213.6	6742.5
62.5°	7586.5	7586.5	8234.3	8921.3	9068.5	*7998.7*	7822.1	7517.8	7998.7	8038.0	7360.8
65°	5996.6	6055.5	7517.8	9333.5	10040.1	*8980.2*	8833.0	8518.9	8774.1	8401.1	7537.5
67.5°	3651.0	3866.9	5329.2	8774.1	10697.7	*10089.2*	10010.7	9520.0	9107.8	8509.1	7812.3
70°	*2286.8*	*2434.0*	*3405.6*	*8410.9*	*10648.6*	*11414.2*	*11355.3*	*9932.2*	*9598.5*	*8990.0*	*8185.2*
72.5°	1756.8	1766.6	2365.3	7409.9	10982.3	*11139.4*	11070.7	10992.1	10256.1	8999.8	7881.0
75°	824.4	893.1	1236.6	4769.8	8921.3	*10727.1*	10619.2	10697.7	10874.4	8577.8	6752.3
77.5°	274.8	284.6	451.5	1717.5	4642.2	*8842.8*	8872.2	5388.1	9382.6	5947.5	3101.4
80°	108.0	117.8	255.2	608.5	1246.4	*4436.1*	4593.1	1570.3	3003.2	1589.9	549.6
82.5°	39.3	49.1	137.4	265.0	637.9	*471.1*	471.1	343.5	775.3	382.8	127.6
85°	19.6	29.4	58.9	98.1	235.5	*137.4*	127.6	108.0	274.8	186.5	58.9
87.5°	0.0	0.0	9.8	19.6	19.6	*19.6*	19.6	29.4	49.1	39.3	29.4
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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CATALOG NUMBER: GSS-SB2A-AMB-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2	1737.2
2.5°	1737.2	1727.3	1717.5	1678.3	1668.4	1648.8	1639.0	1639.0	1609.6	1629.2	1619.4
5°	1737.2	1727.3	1678.3	1619.4	1589.9	1550.7	1521.2	1501.6	1482.0	1491.8	1482.0
7.5°	1766.6	1737.2	1658.6	1580.1	1511.4	1442.7	1374.0	1285.7	1226.8	1207.2	1197.4
10°	1815.7	1776.4	1658.6	1550.7	1413.3	1246.4	1079.6	981.4	893.1	873.5	873.5
12.5°	1874.6	1815.7	1678.3	1501.6	1226.8	971.6	804.8	687.0	647.8	637.9	647.8
15°	1953.1	1874.6	1697.9	1383.8	1010.9	736.1	618.3	608.5	618.3	618.3	628.1
17.5°	2012.0	1923.6	1697.9	1226.8	795.0	598.7	588.9	588.9	598.7	608.5	608.5
20°	2061.0	1972.7	1678.3	1050.1	608.5	569.2	569.2	569.2	579.1	588.9	588.9
22.5°	2110.1	2021.8	1599.7	853.9	549.6	549.6	549.6	559.4	559.4	569.2	569.2
25°	2178.8	2080.7	1521.2	657.6	530.0	530.0	530.0	539.8	539.8	559.4	559.4
27.5°	2247.5	2159.2	1413.3	539.8	500.5	510.3	510.3	510.3	530.0	539.8	539.8
30°	2326.0	2237.7	1295.5	500.5	490.7	490.7	490.7	500.5	510.3	520.2	530.0
32.5°	2394.7	2306.4	1158.1	480.9	471.1	471.1	471.1	480.9	490.7	500.5	500.5
35°	2512.5	2414.3	1040.3	471.1	461.3	471.1	451.5	451.5	451.5	471.1	471.1
37.5°	2600.8	2512.5	932.4	471.1	471.1	461.3	431.8	412.2	402.4	422.0	422.0
40°	2757.8	2649.9	883.3	520.2	500.5	451.5	402.4	363.1	353.3	353.3	363.1
42.5°	2954.1	2806.9	863.7	579.1	510.3	422.0	353.3	304.2	284.6	284.6	294.4
45°	3219.1	3052.3	922.6	608.5	510.3	382.8	304.2	255.2	235.5	235.5	235.5
47.5°	3631.3	3415.4	1109.0	618.3	480.9	323.9	255.2	215.9	206.1	206.1	206.1
50°	4102.4	3876.7	1403.5	598.7	431.8	274.8	215.9	196.3	186.5	176.7	176.7
52.5°	4720.7	4445.9	1727.3	559.4	382.8	245.4	196.3	186.5	176.7	166.8	166.8
55°	5388.1	5025.0	1864.7	520.2	333.7	225.7	186.5	176.7	166.8	157.0	157.0
57.5°	6114.4	5466.6	1707.7	471.1	294.4	206.1	176.7	166.8	157.0	147.2	147.2
60°	6821.0	5741.4	1275.9	422.0	245.4	196.3	166.8	157.0	137.4	127.6	127.6
62.5°	7380.4	5584.4	785.2	363.1	215.9	176.7	157.0	147.2	127.6	108.0	108.0
65°	7292.1	4632.4	471.1	294.4	186.5	166.8	137.4	127.6	108.0	88.3	88.3
67.5°	7144.9	3376.2	284.6	235.5	166.8	137.4	127.6	117.8	98.1	78.5	78.5
70°	*6703.2*	*1599.7*	*206.1*	*176.7*	*147.2*	*108.0*	*108.0*	*98.1*	*88.3*	*68.7*	*68.7*
72.5°	5702.2	539.8	147.2	137.4	117.8	78.5	88.3	88.3	68.7	58.9	58.9
75°	4063.2	196.3	108.0	98.1	78.5	68.7	78.5	68.7	68.7	58.9	49.1
77.5°	1688.1	108.0	88.3	78.5	58.9	58.9	58.9	58.9	49.1	39.3	39.3
80°	372.9	78.5	68.7	58.9	49.1	49.1	49.1	49.1	39.3	29.4	29.4
82.5°	108.0	58.9	49.1	39.3	39.3	39.3	39.3	29.4	29.4	29.4	29.4
85°	49.1	39.3	29.4	29.4	29.4	29.4	29.4	19.6	29.4	19.6	19.6
87.5°	29.4	19.6	19.6	9.8	9.8	9.8	9.8	19.6	19.6	19.6	19.6
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

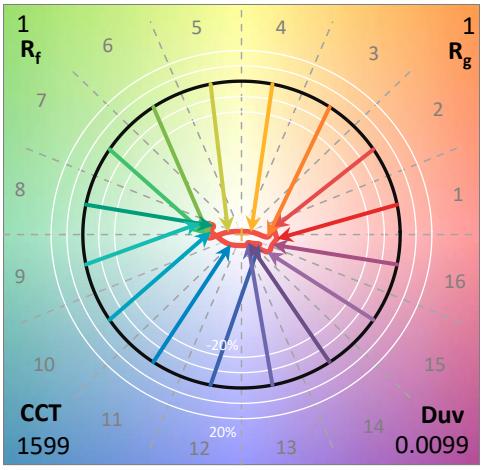
Test Information

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

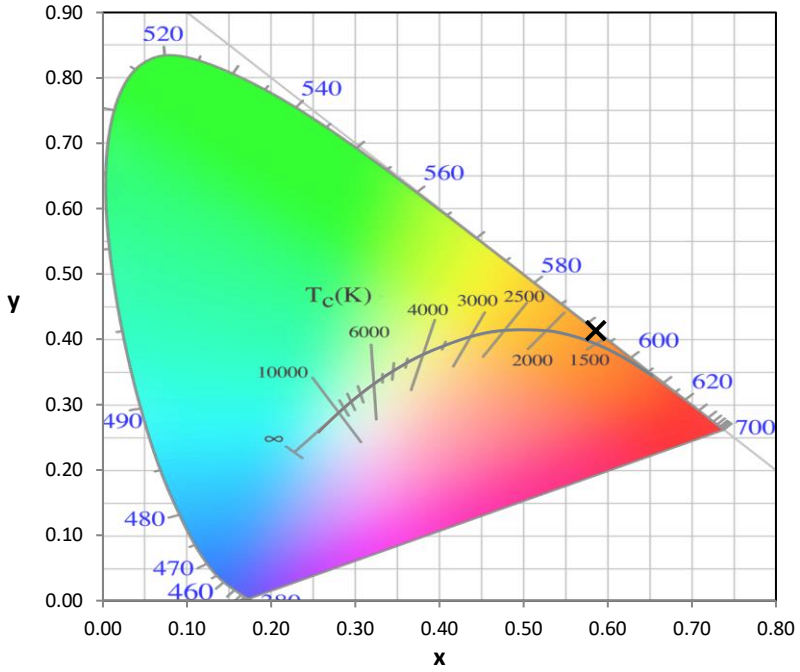
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

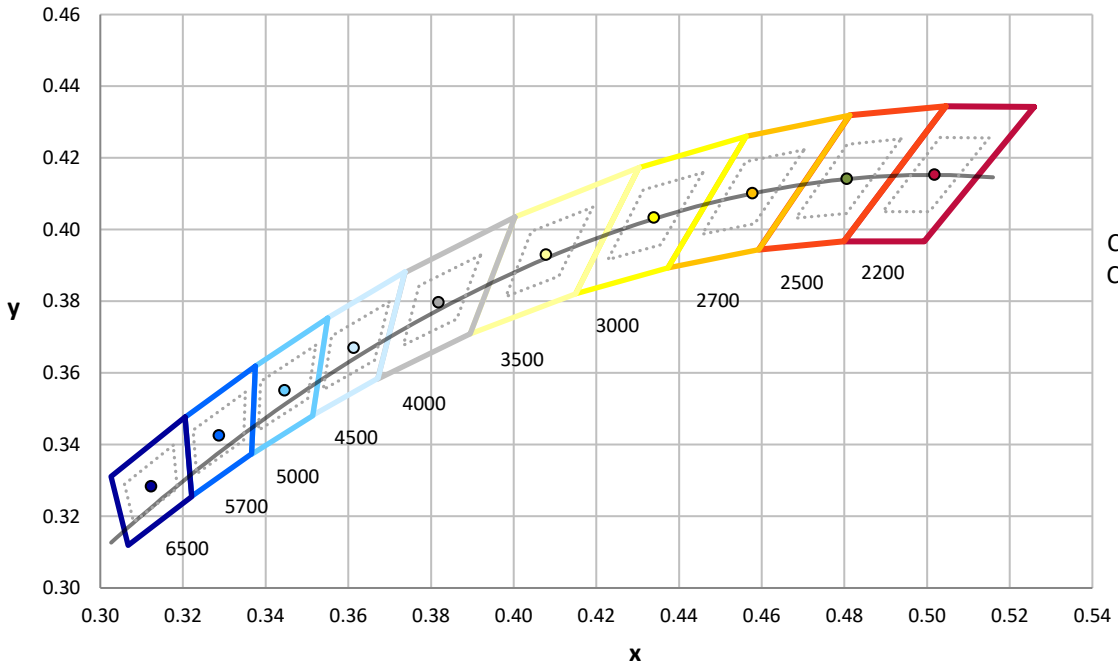
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

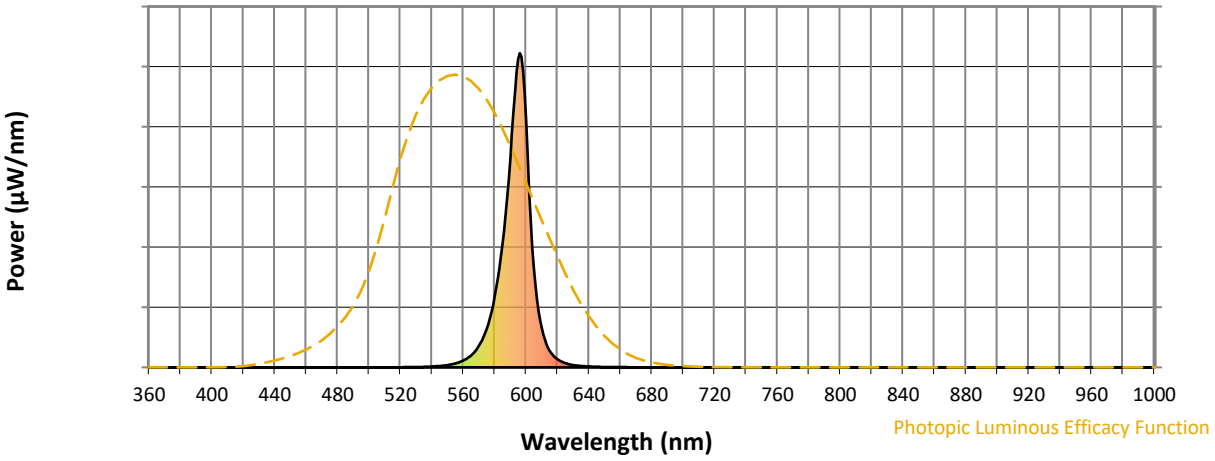


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

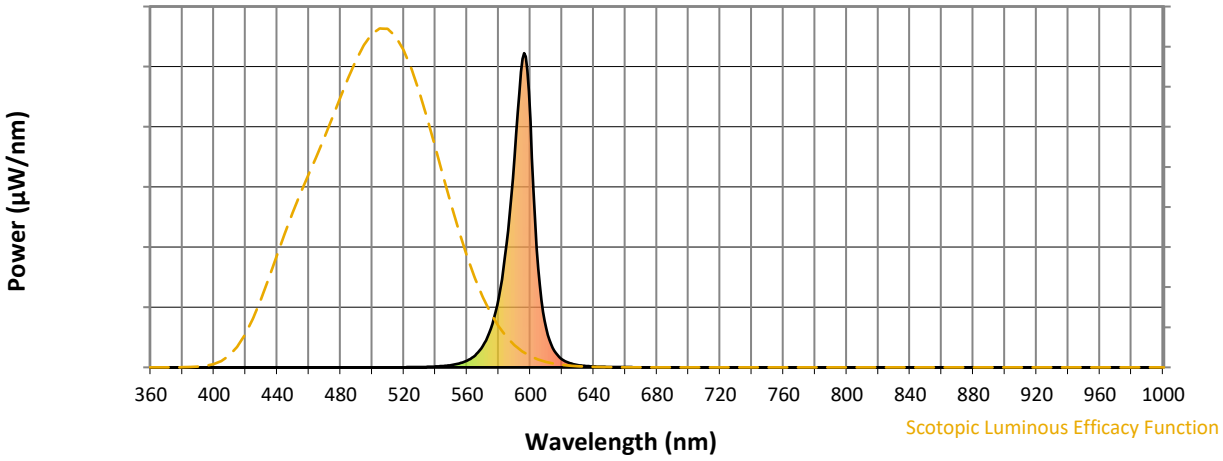


Photopic Lumens: NR

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

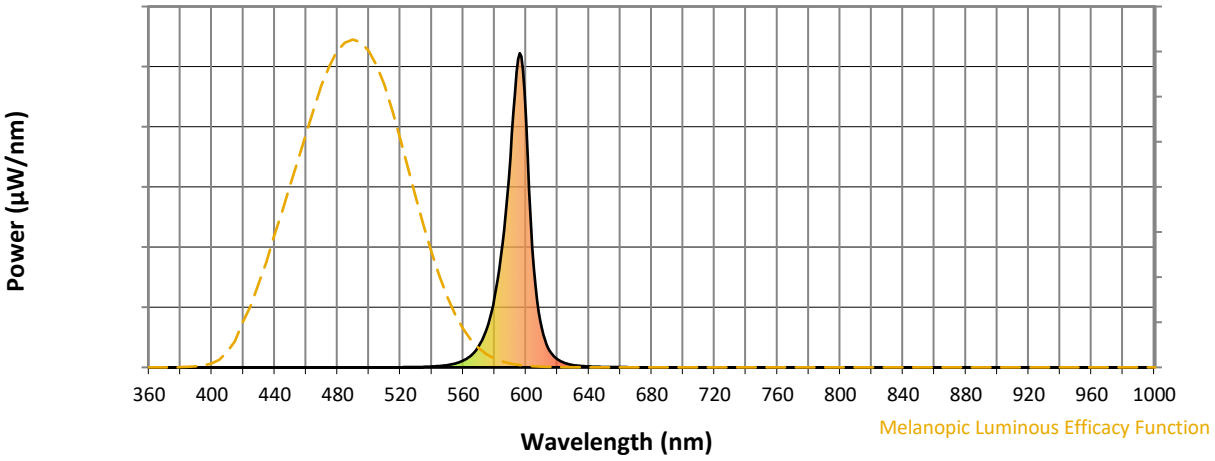


Scotopic Lumens: NR **S/P: 0.23**

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			

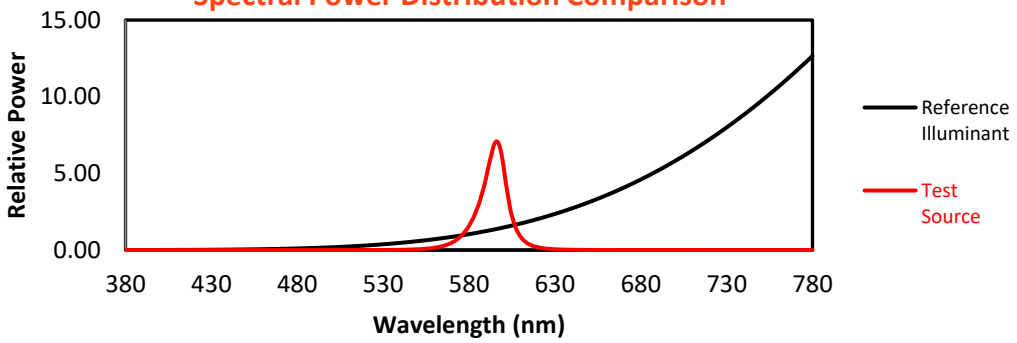
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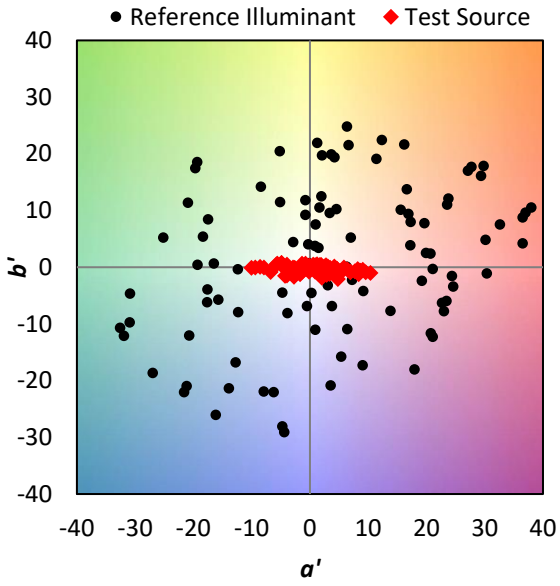
Summary

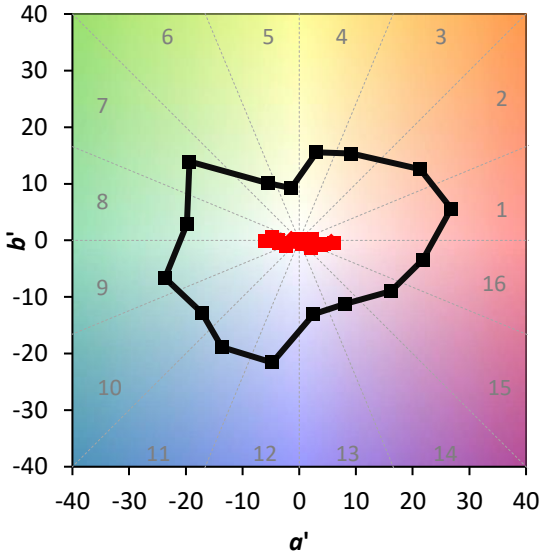
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

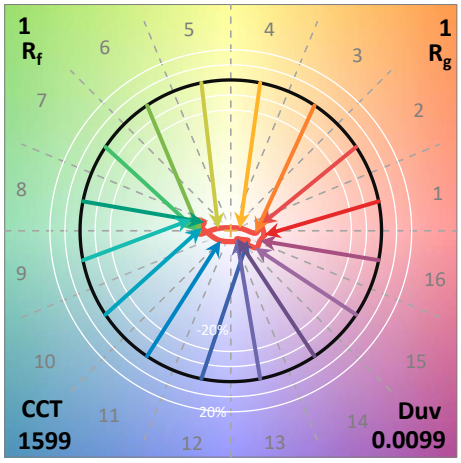
Spectral Power Distribution Comparison

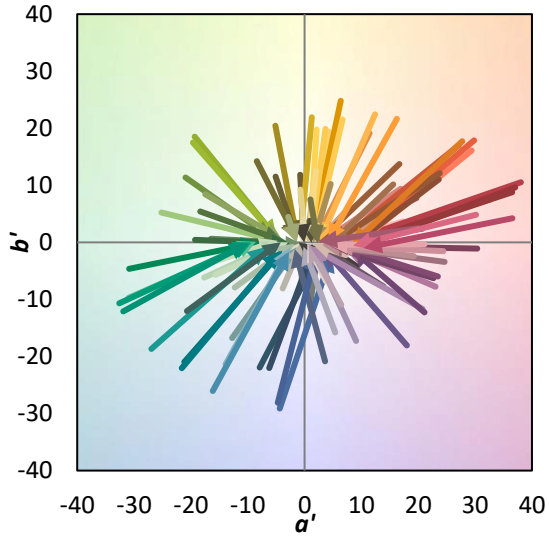


Color Vector Graphics







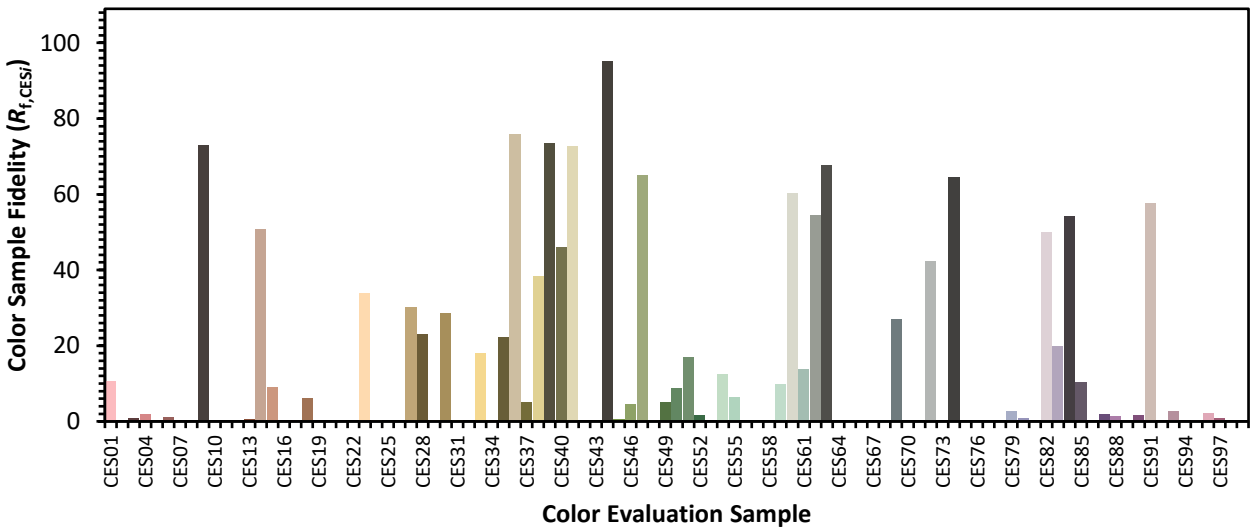


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Individual Sample Fidelity Index ($R_{f,i}$)

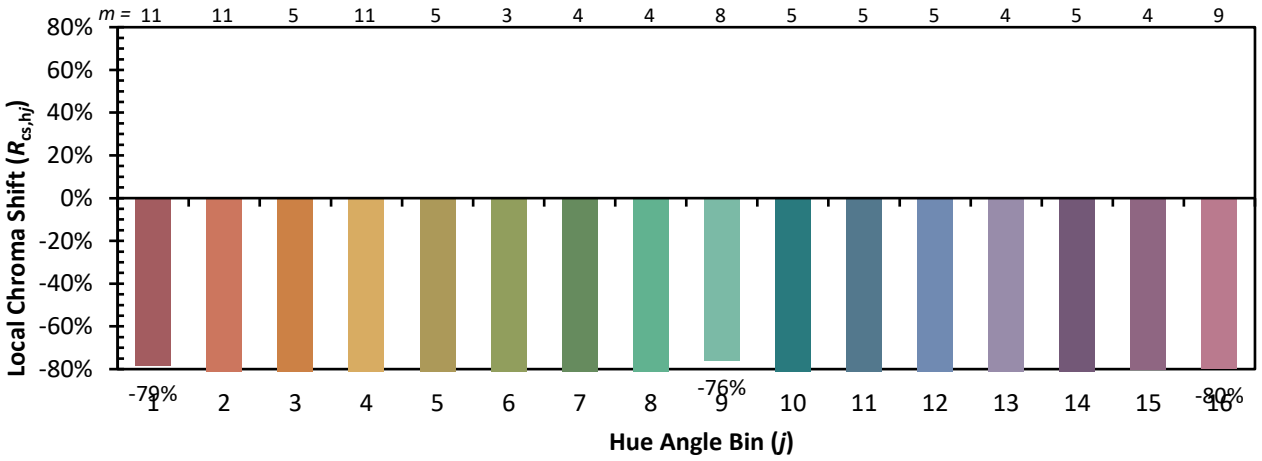
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

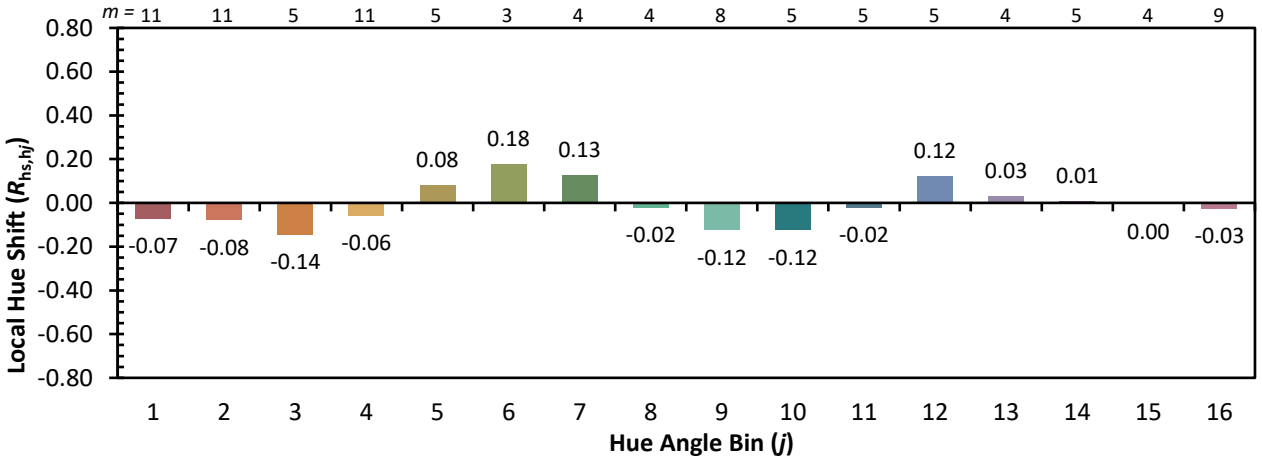


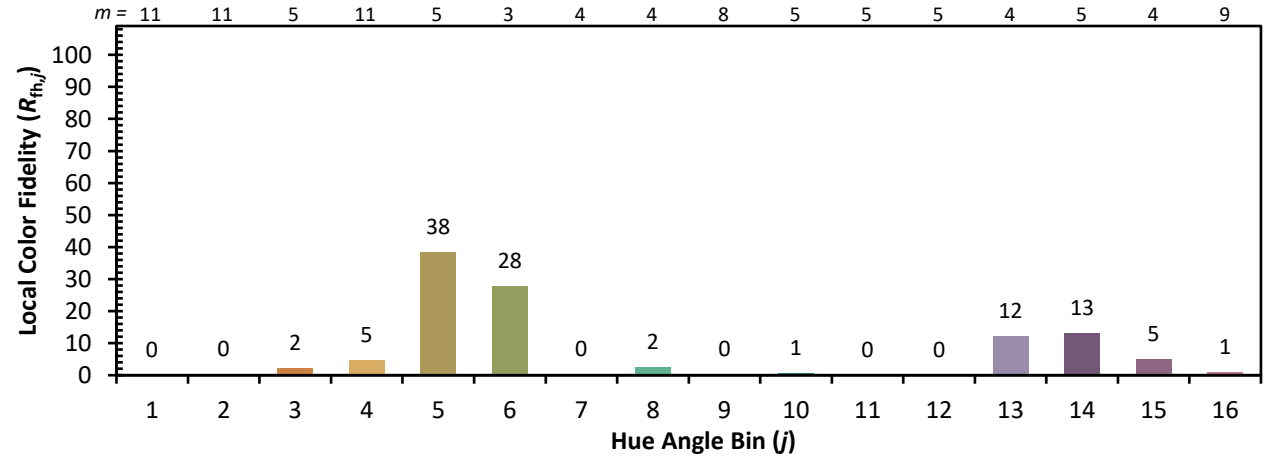
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Color Rendition by Hue-Angle Bin



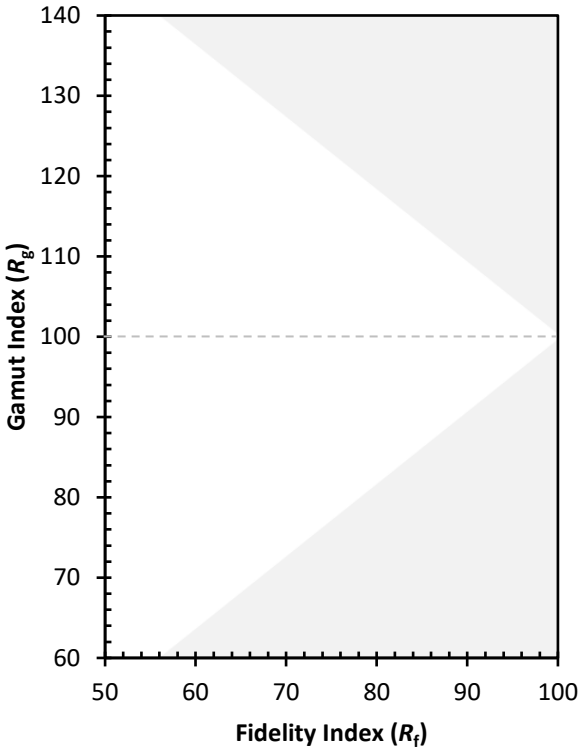


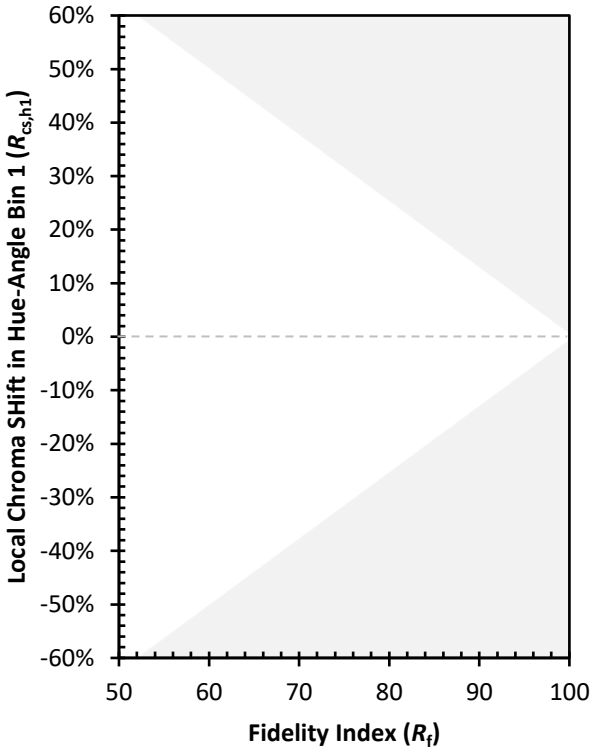


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Measure Comparisons





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