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-SL3

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-SL3
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T3 SPILL CONTROL DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9309.6 lumens
Efficiency:	N/A
Efficacy:	58.0 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

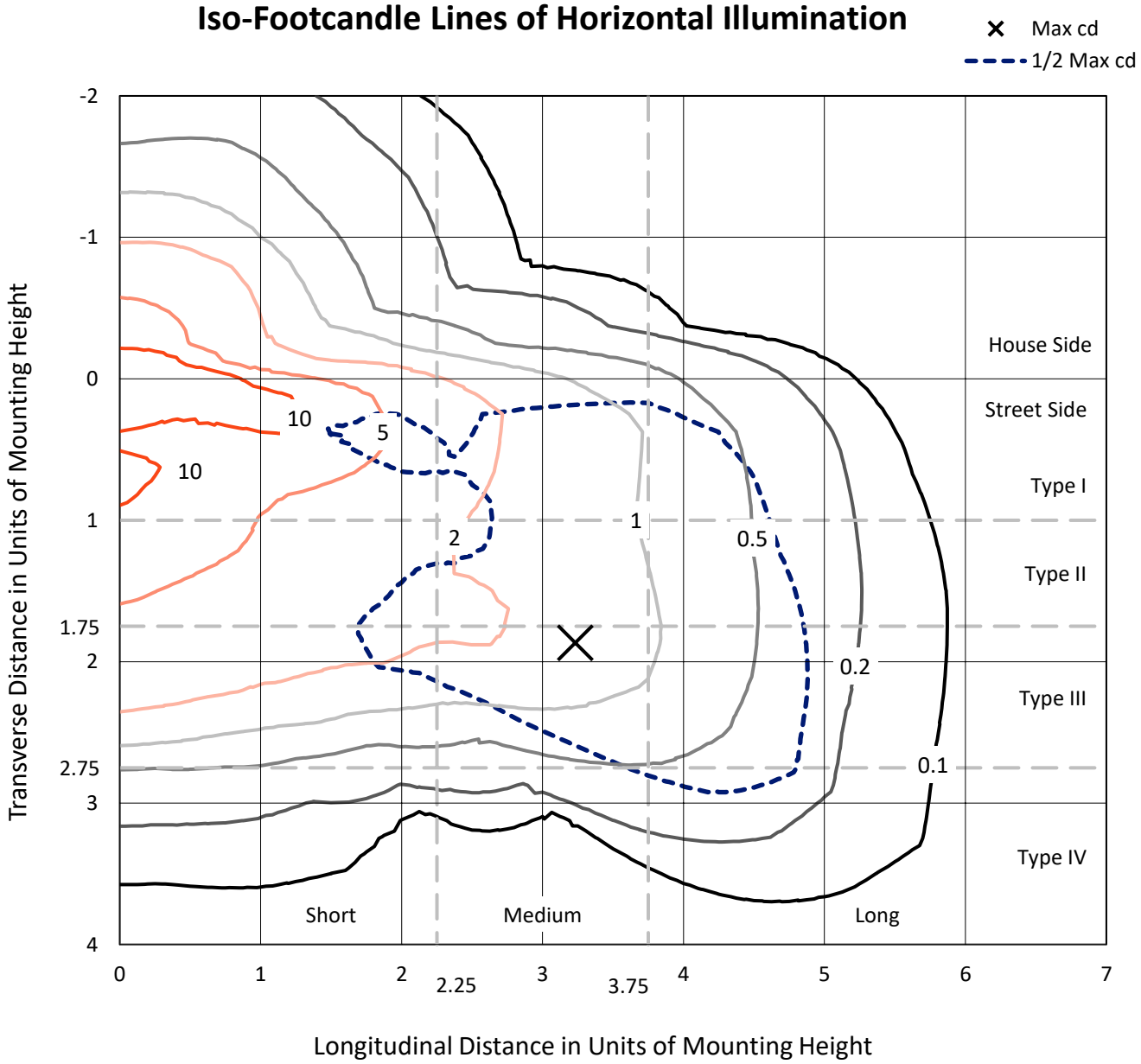


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



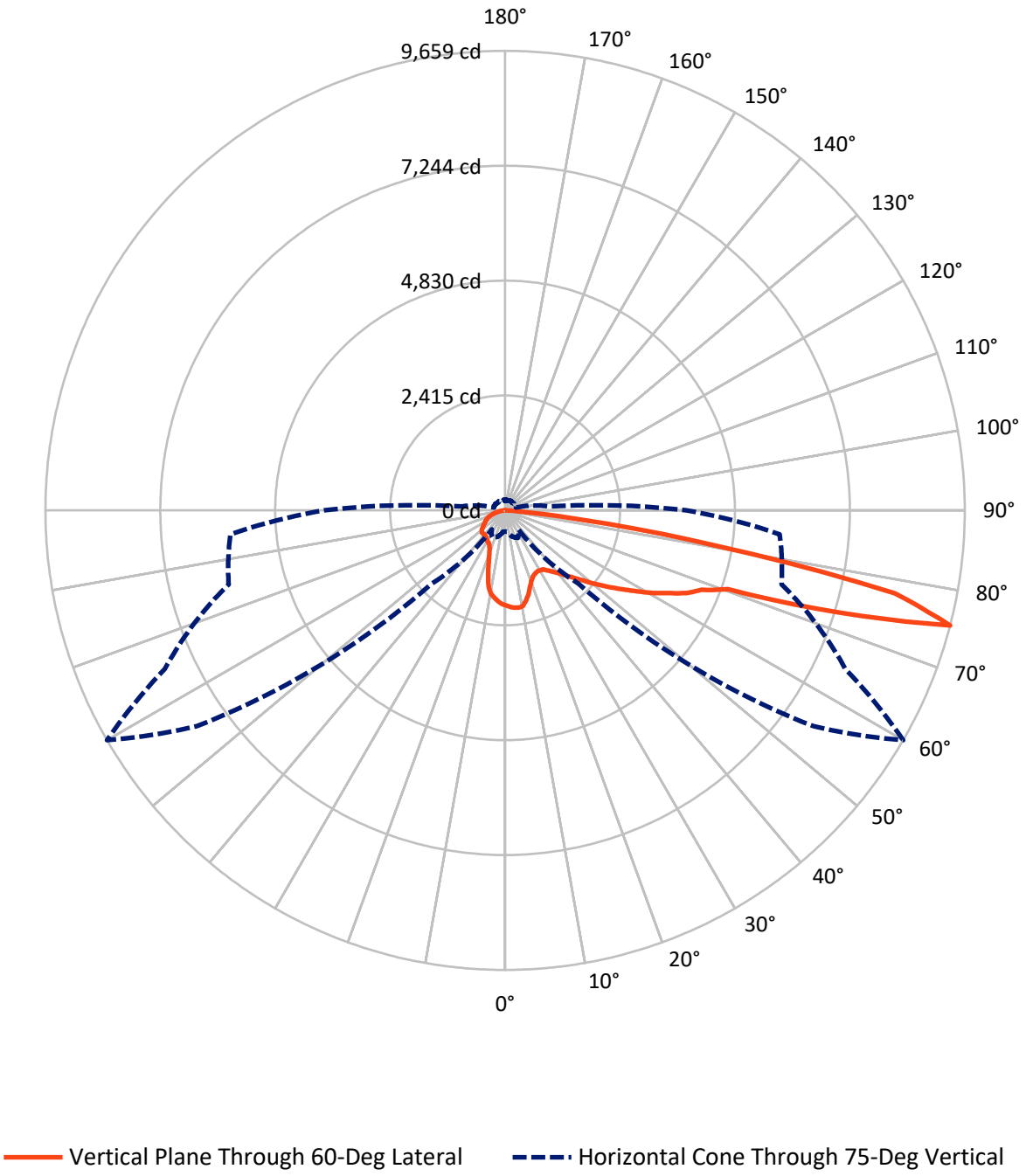
Based on 10 foot mounting height. Maximum calculated value = 19.9 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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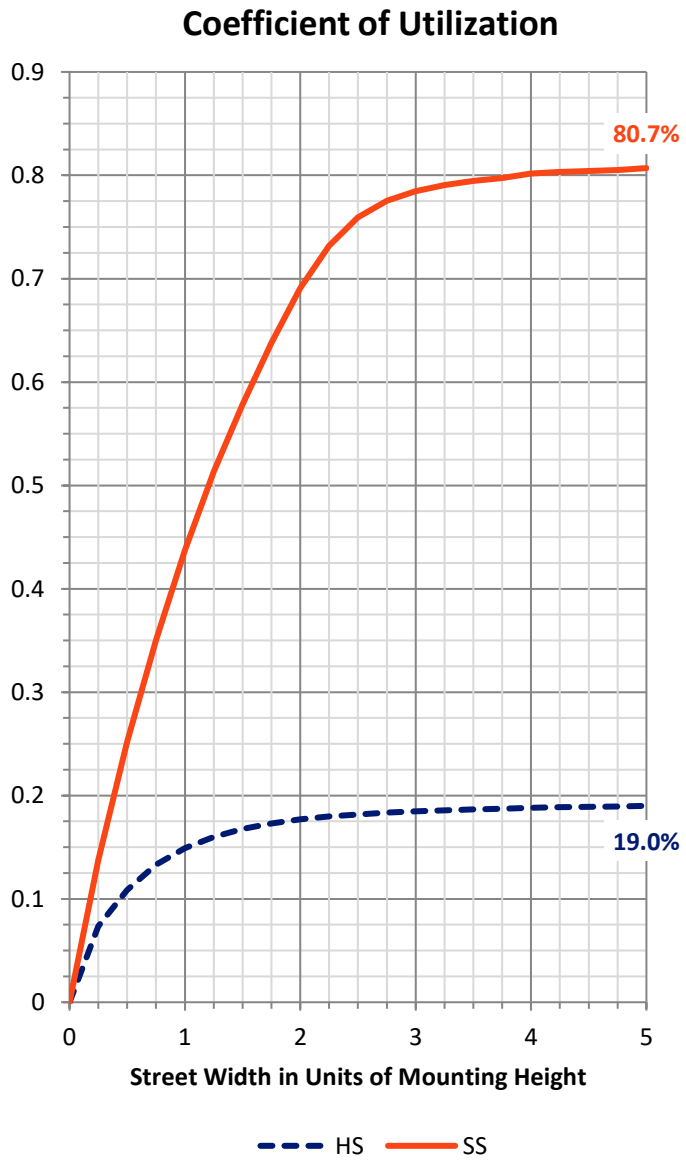
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1783.7	0.0	1783.7
	% Fixture	19.2	0.0	19.2
Street Side	Lumens	7526.0	0.0	7526.0
	% Fixture	80.8	0.0	80.8
Total	Lumens	9309.6	0.0	9309.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.0	1.9
10°-20°	406.9	4.4
20°-30°	602.1	6.5
30°-40°	865.9	9.3
40°-50°	1266.0	13.6
50°-60°	1711.8	18.4
60°-70°	2192.1	23.5
70°-80°	1875.6	20.1
80°-90°	212.3	2.3
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°	9309.6	100.0
0°-180°	9309.6	100.0



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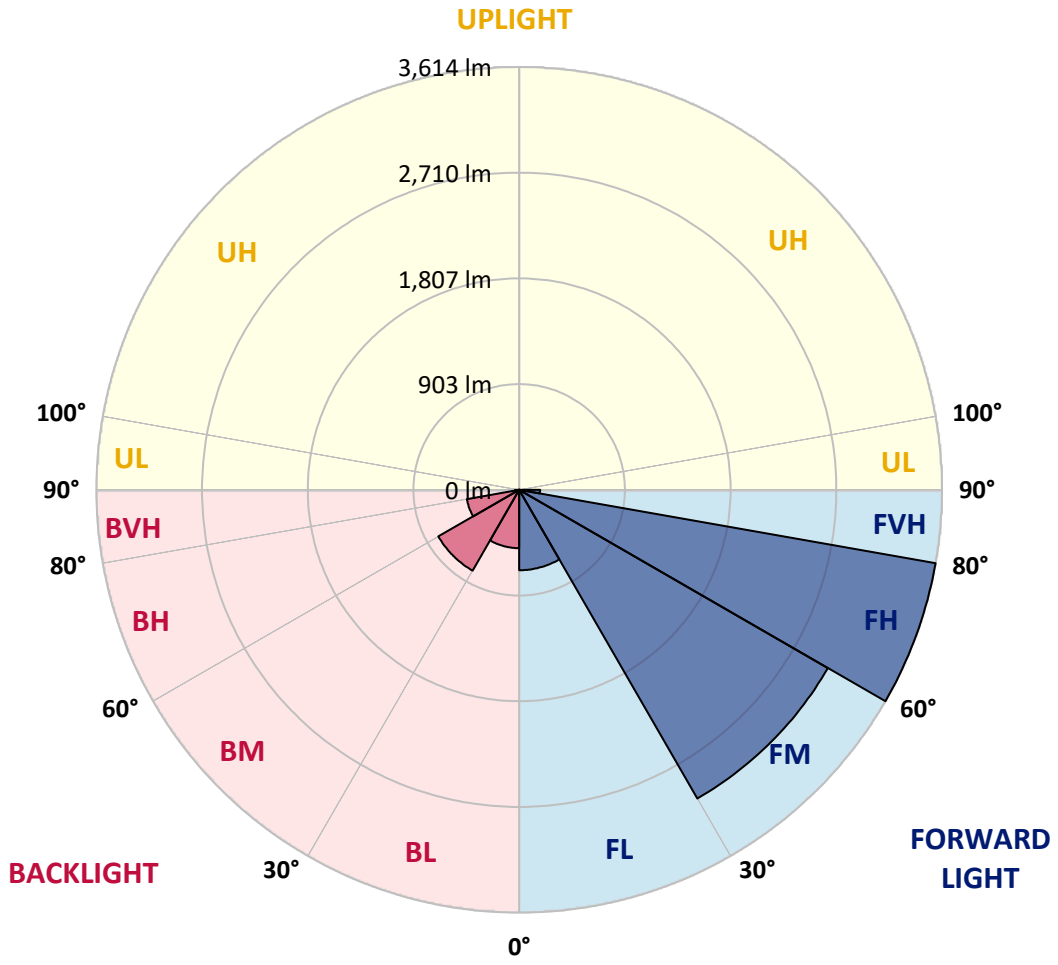
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	687.2	7.4			
FM	(30°-60°)	3046.3	32.7			
FH	(60°-80°)	3613.8	38.8			G2/5000
FVH	(80°-90°)	178.7	1.9			G2/225
BL	(0°-30°)	498.8	5.4	B1/500		
BM	(30°-60°)	797.3	8.6	B1/1000		
BH	(60°-80°)	453.9	4.9	B1/500		G1/500
BVH	(80°-90°)	33.6	0.4			G1/100
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°	60°	65°	75°	85°
0°	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	*1993.7*	1993.7	1993.7	1993.7
2.5°	2059.4	2050.0	2040.6	2040.6	2040.6	2040.6	2036.0	*2031.3*	2026.6	2017.2	2007.8
5°	2003.1	1998.4	2007.8	2012.5	2031.3	2045.3	2050.0	*2054.7*	2050.0	2054.7	2026.6
7.5°	1731.0	1721.6	1749.8	1810.8	1890.5	1989.0	2040.6	*2064.1*	2064.1	2078.2	2054.7
10°	1421.4	1430.8	1449.6	1501.2	1623.1	1787.3	1960.9	*2045.3*	2059.4	2101.6	2087.6
12.5°	1266.6	1276.0	1285.4	1327.6	1412.0	1552.8	1815.5	*1946.8*	2059.4	2129.8	2120.4
15°	1200.9	1196.2	1205.6	1233.8	1299.4	1412.0	1660.7	*1834.2*	1989.0	2167.3	2167.3
17.5°	1182.2	1177.5	1182.2	1186.9	1233.8	1322.9	1515.2	*1693.5*	1923.4	2223.6	2218.9
20°	1205.6	1200.9	1191.5	1196.2	1205.6	1271.3	1430.8	*1580.9*	1848.3	2256.4	2256.4
22.5°	1247.8	1243.2	1224.4	1219.7	1215.0	1243.2	1374.5	*1505.9*	1773.3	2308.0	2312.7
25°	1313.5	1308.8	1285.4	1266.6	1252.5	1252.5	1351.0	*1468.3*	1707.6	2359.6	2369.0
27.5°	1430.8	1421.4	1374.5	1337.0	1294.8	1285.4	1346.4	*1449.6*	1679.4	2430.0	2420.6
30°	1618.4	1599.7	1519.9	1449.6	1374.5	1332.3	1379.2	*1458.9*	1665.4	2509.8	2472.2
32.5°	1857.7	1838.9	1754.5	1618.4	1482.4	1393.3	1421.4	*1477.7*	1684.1	2627.0	2561.4
35°	1975.0	1956.2	1914.0	1853.0	1656.0	1496.5	1482.4	*1552.8*	1740.4	2786.5	2659.9
37.5°	2073.5	2059.4	1993.7	1960.9	1862.4	1623.1	1566.8	*1637.2*	1824.9	2974.2	2777.2
40°	2284.6	2256.4	2162.6	2059.4	2031.3	1829.5	1670.0	*1735.7*	1946.8	3213.4	2960.1
42.5°	2472.2	2448.8	2350.3	2261.1	2134.5	2082.9	1810.8	*1871.8*	2101.6	3504.3	3161.8
45°	2645.8	2622.3	2514.5	2434.7	2308.0	2275.2	1960.9	*2017.2*	2279.9	3799.8	3405.8
47.5°	2833.4	2800.6	2688.0	2589.5	2486.3	2303.3	2096.9	*2195.5*	2495.7	4104.7	3630.9
50°	2913.2	2871.0	2814.7	2730.2	2641.1	2364.3	2242.4	*2415.9*	2767.8	4395.6	3832.7
52.5°	2974.2	2913.2	2800.6	2805.3	2753.7	2434.7	2415.9	*2650.5*	3030.5	4639.5	4025.0
55°	3096.2	3030.5	2866.3	2814.7	2819.4	2523.8	2636.4	*2908.5*	3279.1	4822.5	4203.3
57.5°	3265.0	3175.9	2946.0	2842.8	2838.1	2655.2	2908.5	*3190.0*	3537.1	4944.5	4419.1
60°	3555.9	3443.3	3152.4	3025.8	2932.0	2847.5	3218.1	*3518.4*	3813.9	5038.3	4606.7
62.5°	3785.7	3691.9	3452.7	3372.9	3218.1	3152.4	3541.8	*3828.0*	4081.3	5122.7	4766.2
65°	3823.3	3687.2	3560.6	3715.4	3917.1	3621.6	3982.8	*4189.2*	4311.2	5033.6	4653.6
67.5°	3218.1	3086.8	3143.1	3433.9	4161.0	4883.5	4587.9	*4456.6*	4292.4	4822.5	4691.1
70°	1294.8	1294.8	1534.0	2247.1	3457.4	5399.5	5882.7	*4967.9*	4451.9	4935.1	4897.5
72.5°	699.0	703.7	816.3	858.5	1684.1	4137.6	7974.9	*7355.7*	5577.8	5240.0	5333.8
75°	*445.7*	*450.3*	*567.6*	*638.0*	*487.9*	*2176.7*	*7909.3*	*9659.1*	*7890.5*	*6014.0*	*5793.6*
77.5°	314.3	314.3	398.7	502.0	295.5	544.2	6192.3	*8373.7*	8476.9	5784.2	4414.4
80°	211.1	215.8	272.1	356.5	206.4	239.2	3734.1	*4451.9*	3804.5	2946.0	1656.0
82.5°	126.7	126.7	150.1	183.0	131.4	136.0	877.2	*1632.5*	1191.5	633.3	258.0
85°	56.3	56.3	75.1	84.4	56.3	61.0	126.7	*290.9*	229.9	112.6	89.1
87.5°	4.7	4.7	4.7	14.1	14.1	14.1	23.5	*23.5*	28.1	28.1	28.1
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-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7	1993.7
2.5°	1998.4	1989.0	1989.0	1970.3	1960.9	1942.1	1937.4	1923.4	1918.7	1923.4	1928.1
5°	2017.2	2003.1	1965.6	1928.1	1895.2	1862.4	1829.5	1796.7	1782.6	1782.6	1782.6
7.5°	2026.6	2003.1	1951.5	1881.1	1815.5	1754.5	1684.1	1641.9	1566.8	1552.8	1519.9
10°	2045.3	2026.6	1937.4	1824.9	1731.0	1566.8	1346.4	1205.6	1102.4	1074.3	1060.2
12.5°	2078.2	2036.0	1918.7	1777.9	1534.0	1205.6	1013.3	933.5	900.7	891.3	891.3
15°	2125.1	2054.7	1899.9	1637.2	1200.9	971.1	891.3	872.6	872.6	872.6	872.6
17.5°	2157.9	2078.2	1867.1	1383.9	980.4	886.6	872.6	877.2	881.9	886.6	881.9
20°	2190.8	2078.2	1773.3	1097.7	877.2	858.5	872.6	886.6	896.0	905.4	910.1
22.5°	2218.9	2073.5	1566.8	910.1	825.6	839.7	858.5	877.2	891.3	891.3	891.3
25°	2237.7	2064.1	1280.7	802.2	792.8	825.6	839.7	839.7	835.0	830.3	835.0
27.5°	2261.1	2040.6	980.4	750.6	774.0	806.9	811.6	797.5	792.8	788.1	792.8
30°	2261.1	1951.5	816.3	727.1	764.7	802.2	778.7	774.0	764.7	760.0	760.0
32.5°	2308.0	1763.9	717.7	703.7	745.9	750.6	755.3	745.9	731.8	731.8	731.8
35°	2364.3	1491.8	652.1	684.9	727.1	708.4	717.7	713.1	699.0	694.3	699.0
37.5°	2369.0	1149.3	623.9	661.5	689.6	694.3	689.6	675.5	652.1	638.0	642.7
40°	2331.5	910.1	605.2	656.8	684.9	699.0	684.9	656.8	614.5	567.6	567.6
42.5°	2214.2	830.3	609.8	656.8	689.6	703.7	684.9	619.2	558.2	520.7	520.7
45°	2143.9	802.2	619.2	652.1	694.3	713.1	656.8	581.7	553.6	525.4	525.4
47.5°	2148.5	835.0	633.3	656.8	684.9	699.0	600.5	577.0	558.2	572.3	586.4
50°	2256.4	900.7	642.7	638.0	647.4	623.9	562.9	544.2	516.0	502.0	506.6
52.5°	2420.6	985.1	633.3	609.8	595.8	558.2	530.1	511.3	483.2	455.0	445.7
55°	2603.6	1079.0	600.5	562.9	558.2	516.0	506.6	487.9	459.7	422.2	412.8
57.5°	2772.5	1149.3	553.6	530.1	520.7	483.2	497.3	492.6	441.0	389.4	380.0
60°	2978.9	1210.3	511.3	492.6	483.2	464.4	483.2	483.2	417.5	361.2	351.8
62.5°	3119.6	1257.2	464.4	464.4	450.3	436.3	459.7	450.3	389.4	333.1	328.4
65°	3063.3	1186.9	422.2	426.9	426.9	403.4	422.2	403.4	351.8	309.6	309.6
67.5°	3208.7	1224.4	370.6	384.7	398.7	365.9	370.6	356.5	314.3	286.2	286.2
70°	3354.2	1186.9	328.4	342.5	351.8	309.6	323.7	309.6	281.5	267.4	258.0
72.5°	3687.2	1200.9	286.2	295.5	300.2	262.7	276.8	272.1	248.6	239.2	234.6
75°	*3804.5*	*938.2*	*239.2*	*243.9*	*243.9*	*220.5*	*229.9*	*229.9*	*211.1*	*225.2*	*197.0*
77.5°	2669.3	469.1	192.3	192.3	192.3	178.3	183.0	178.3	164.2	168.9	154.8
80°	914.8	197.0	145.4	140.7	145.4	136.0	136.0	131.4	117.3	117.3	117.3
82.5°	164.2	112.6	103.2	98.5	93.8	84.4	89.1	84.4	98.5	131.4	126.7
85°	61.0	56.3	51.6	51.6	46.9	37.5	42.2	51.6	65.7	51.6	51.6
87.5°	28.1	28.1	23.5	18.8	14.1	14.1	9.4	9.4	9.4	9.4	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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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

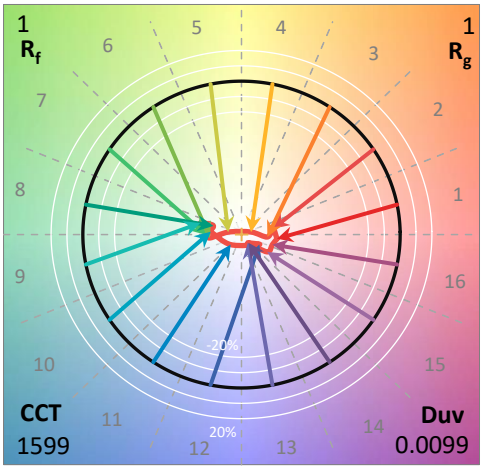
Test Information

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

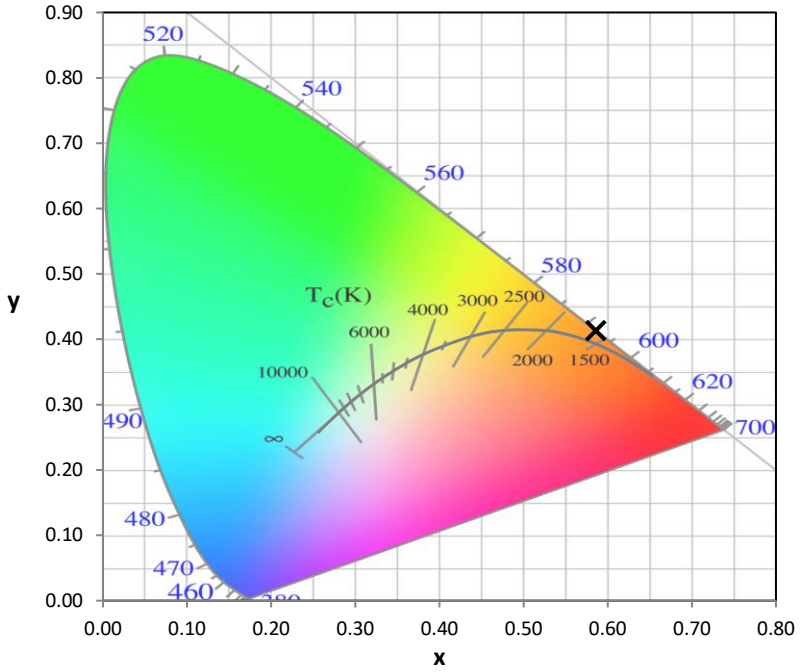
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

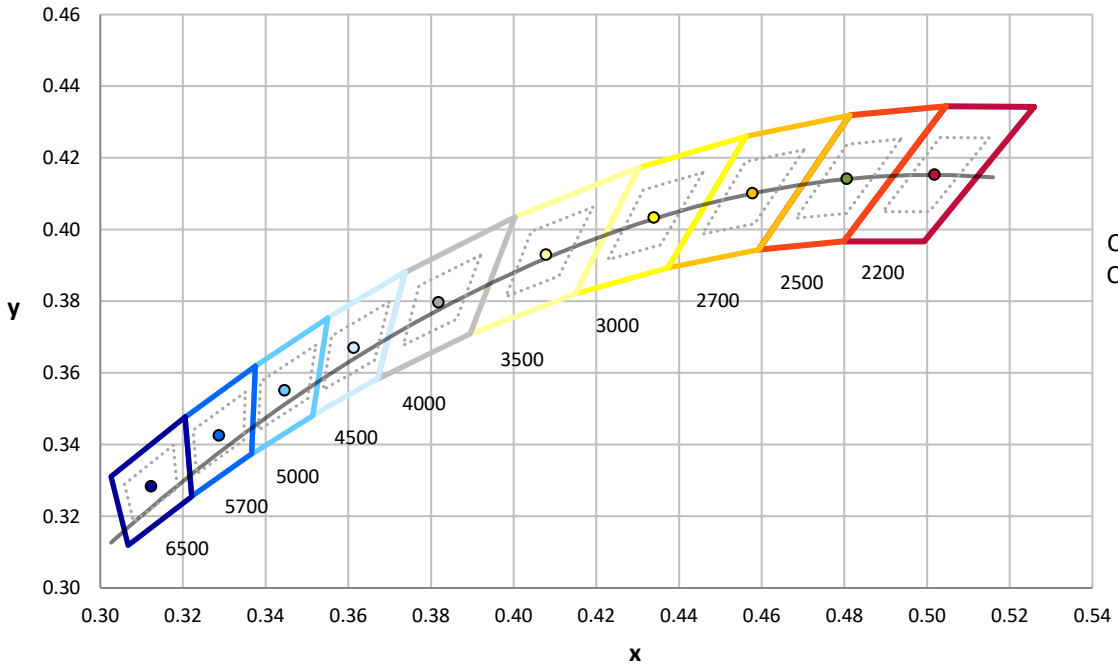
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

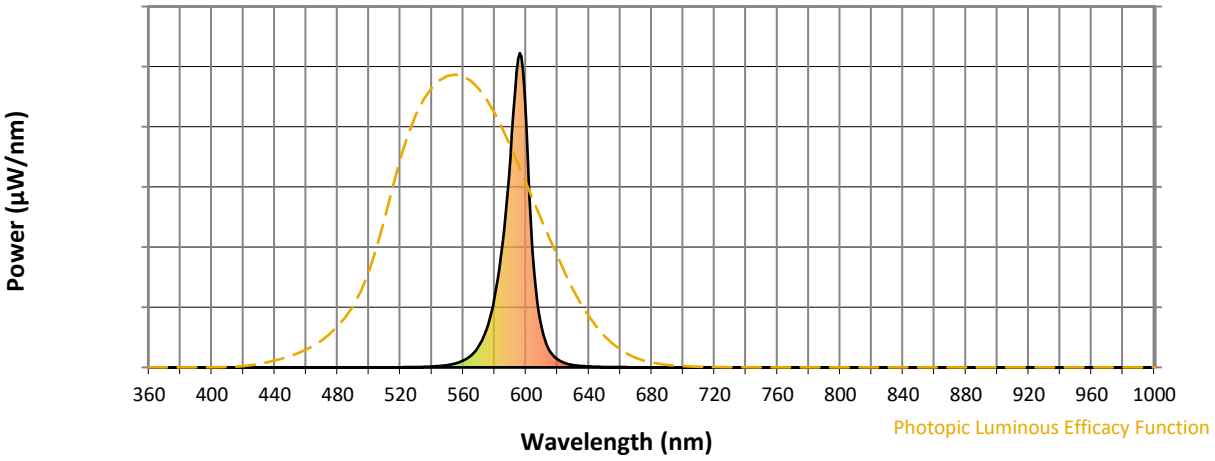


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

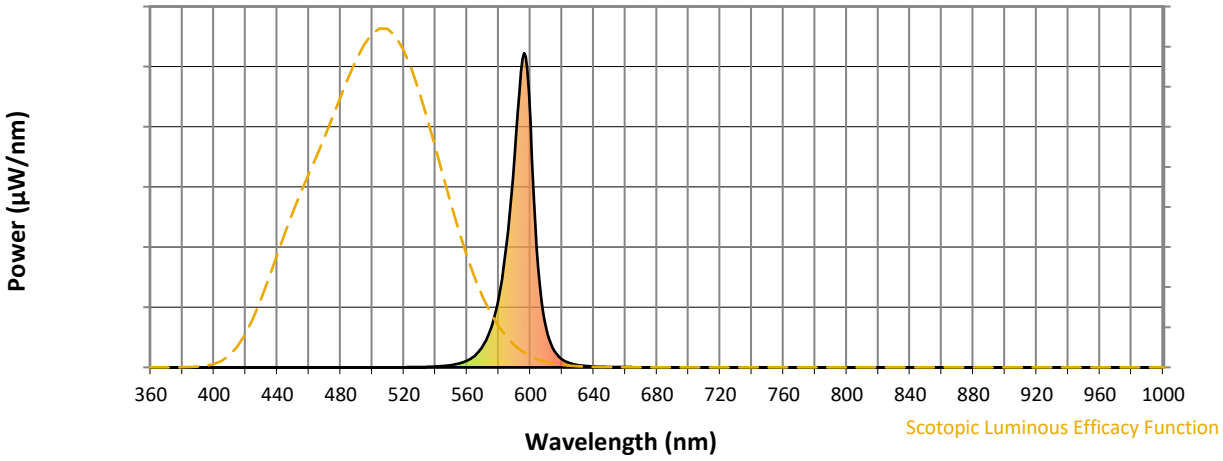


Photopic Lumens: NR

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

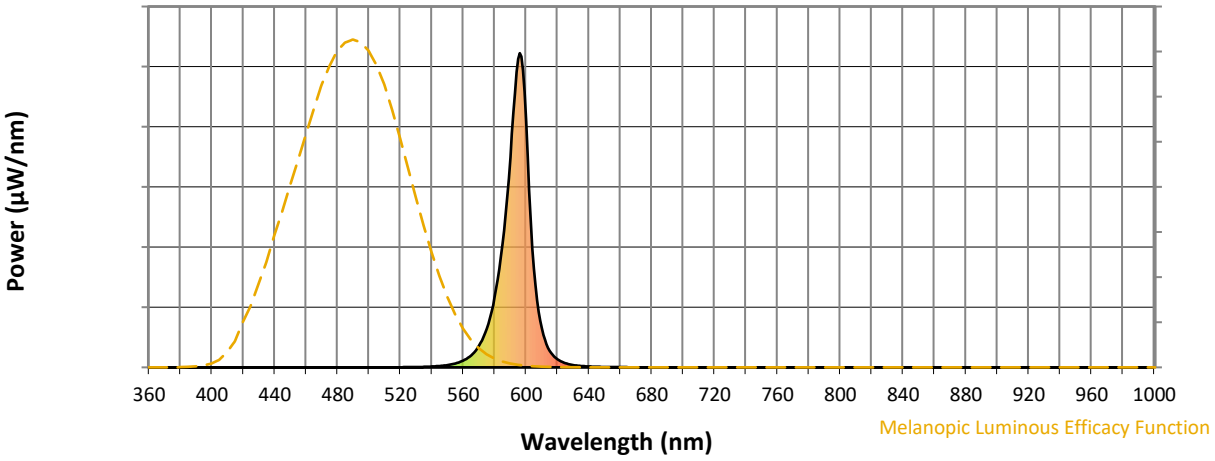


Scotopic Lumens: NR **S/P: 0.23**

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			

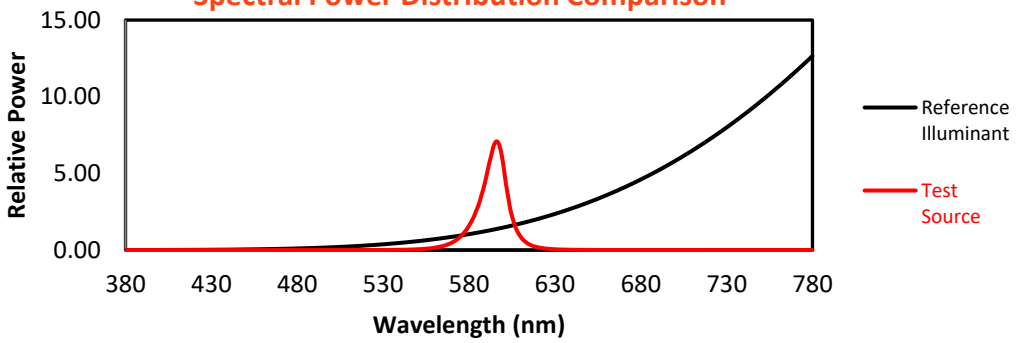
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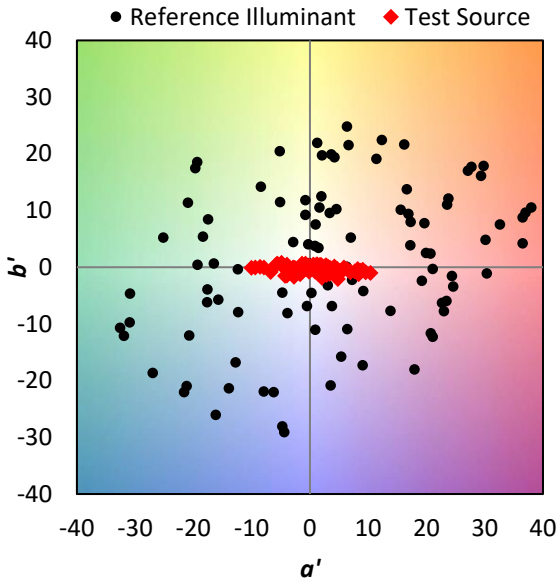
Summary

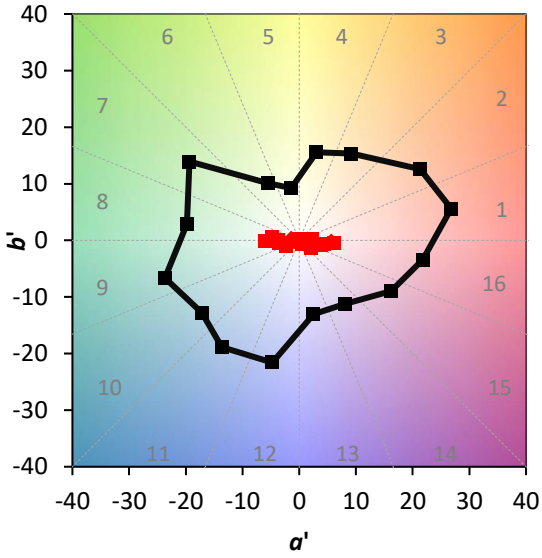
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

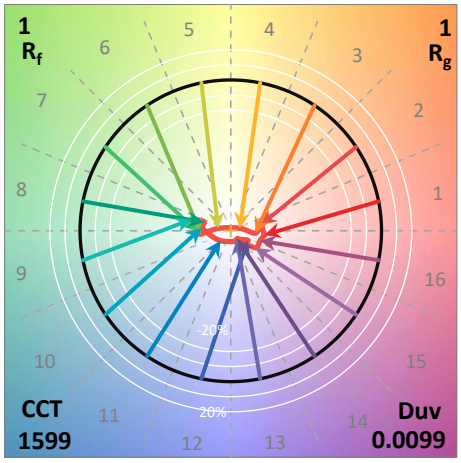
Spectral Power Distribution Comparison

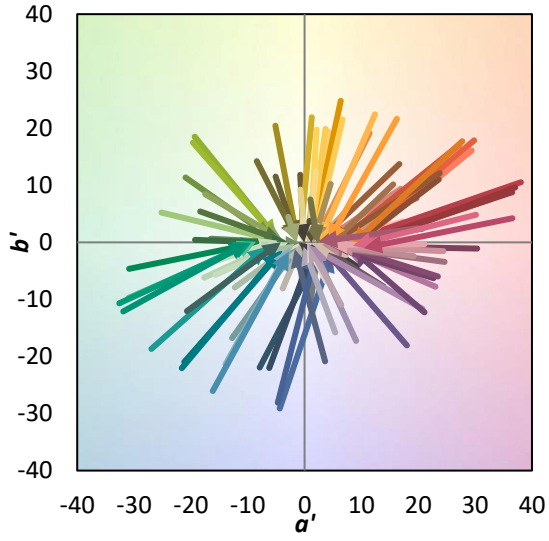


Color Vector Graphics







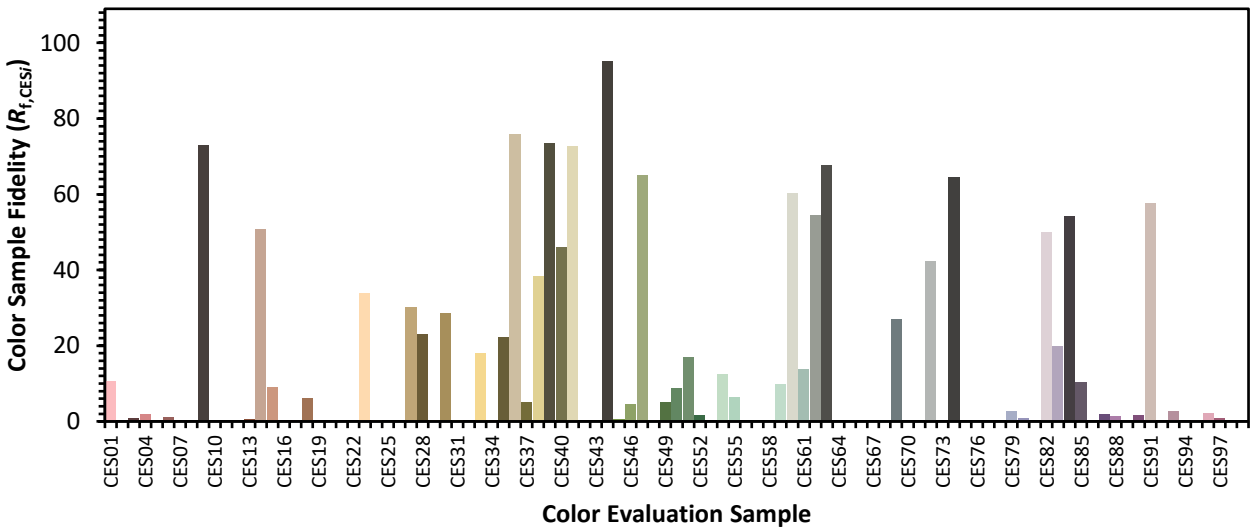


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Individual Sample Fidelity Index ($R_{f,i}$)

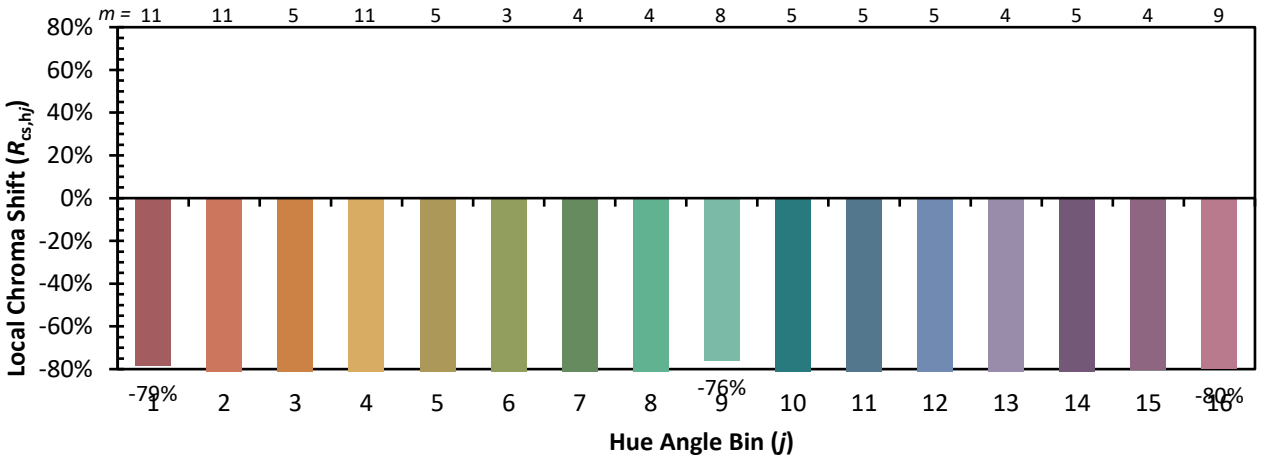
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

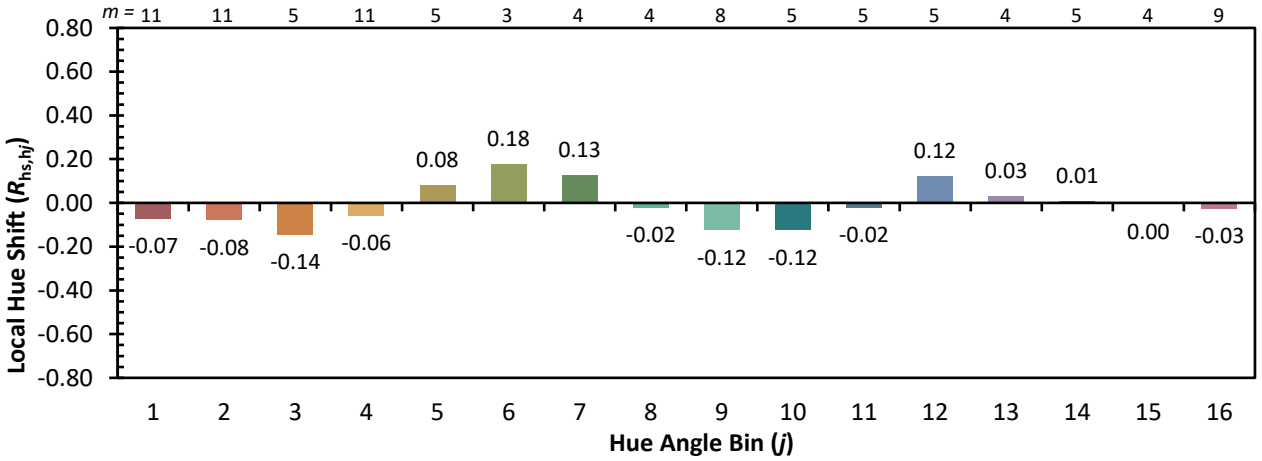


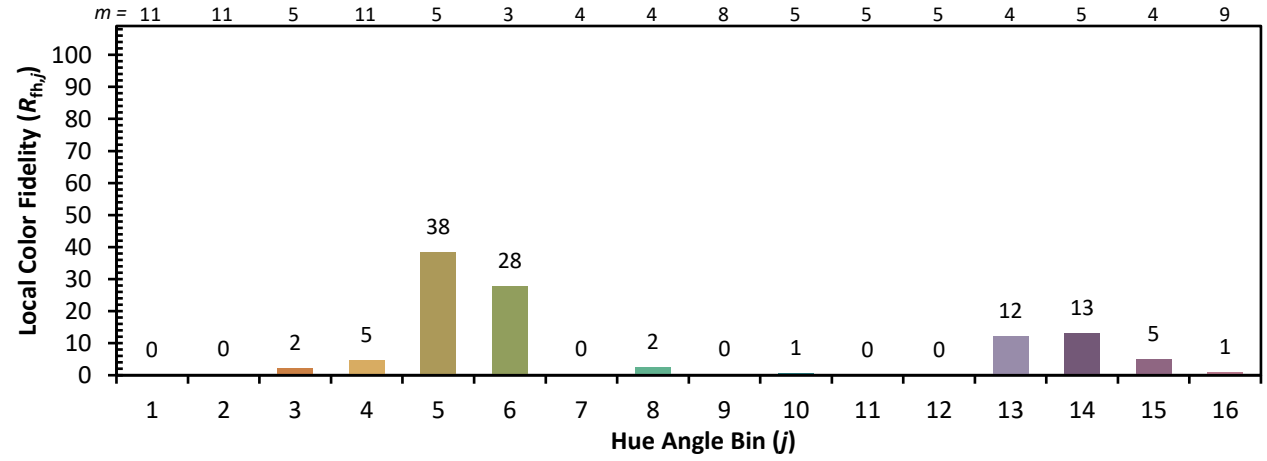
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Color Rendition by Hue-Angle Bin



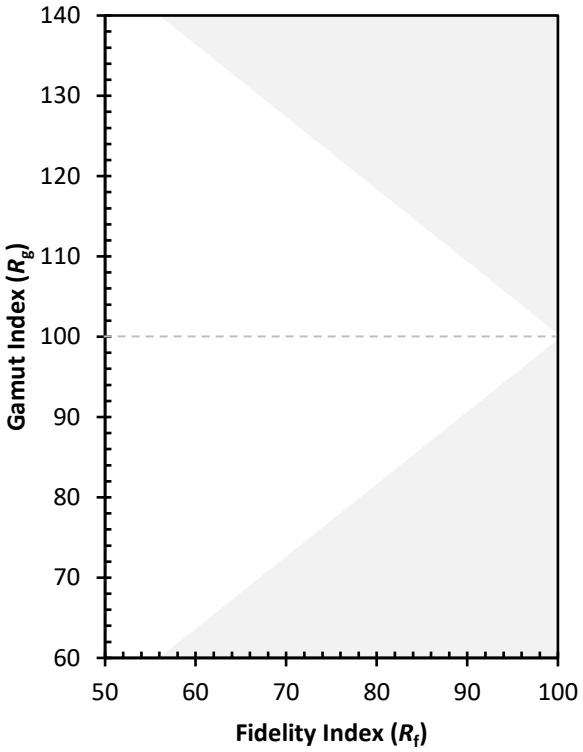


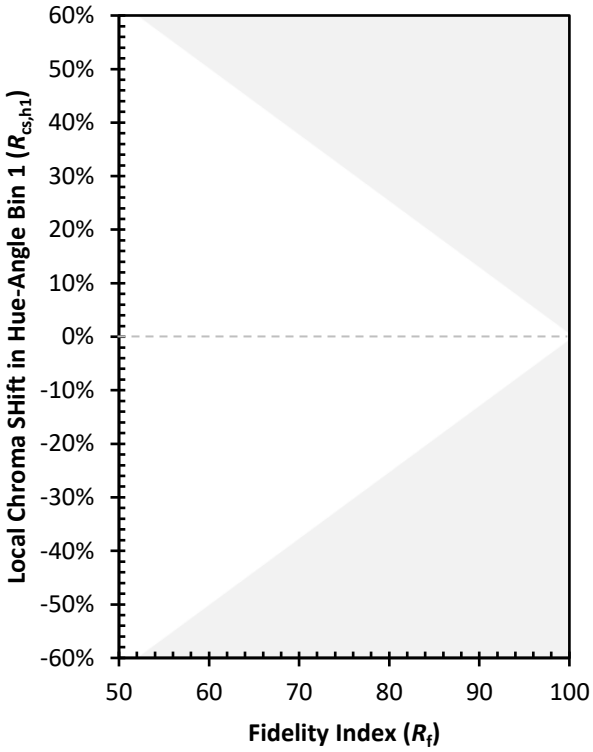


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Measure Comparisons





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