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-T2R

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-T2R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 ROADWAY DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10000.6 lumens
Efficiency:	N/A
Efficacy:	62.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
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

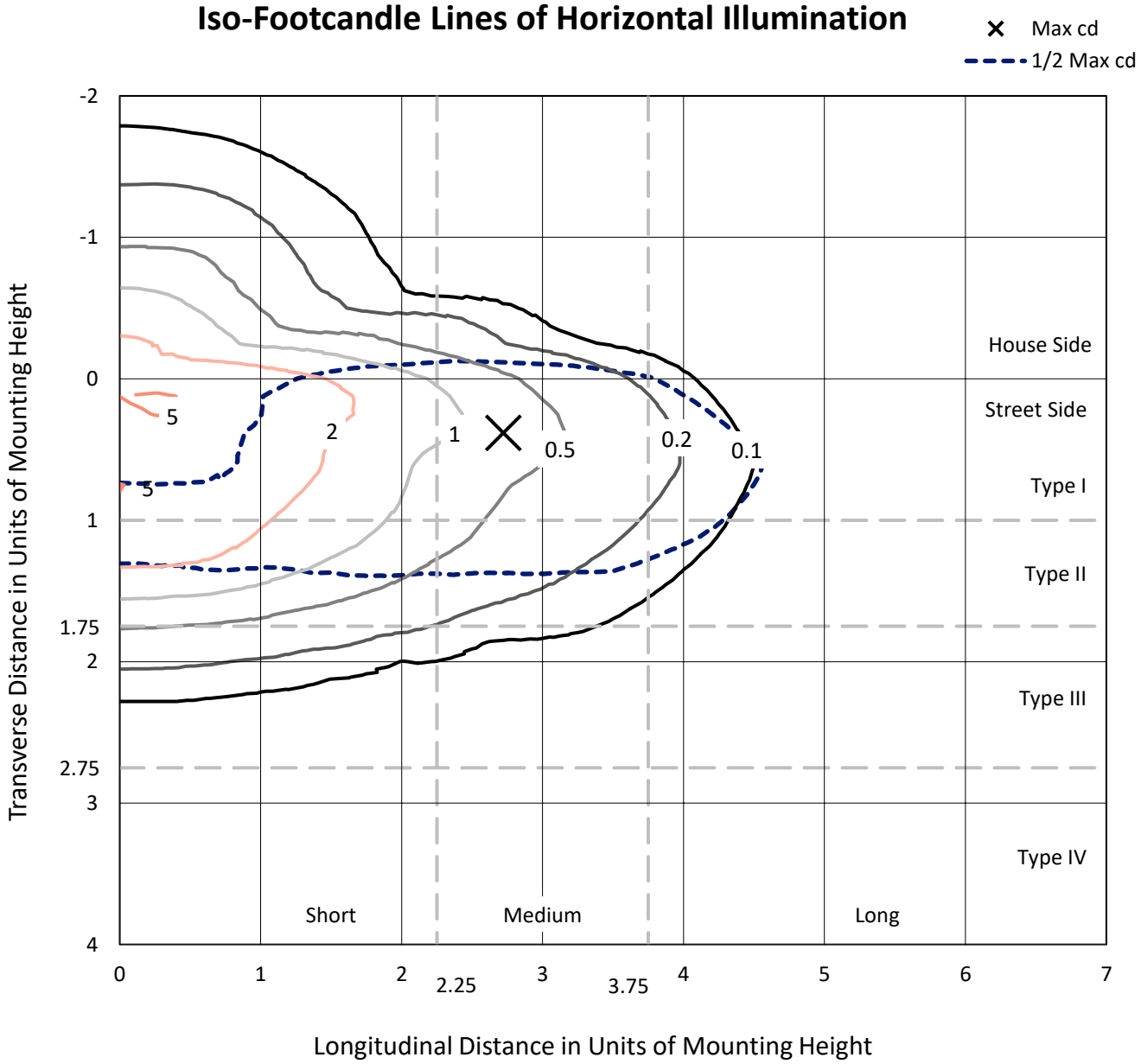


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



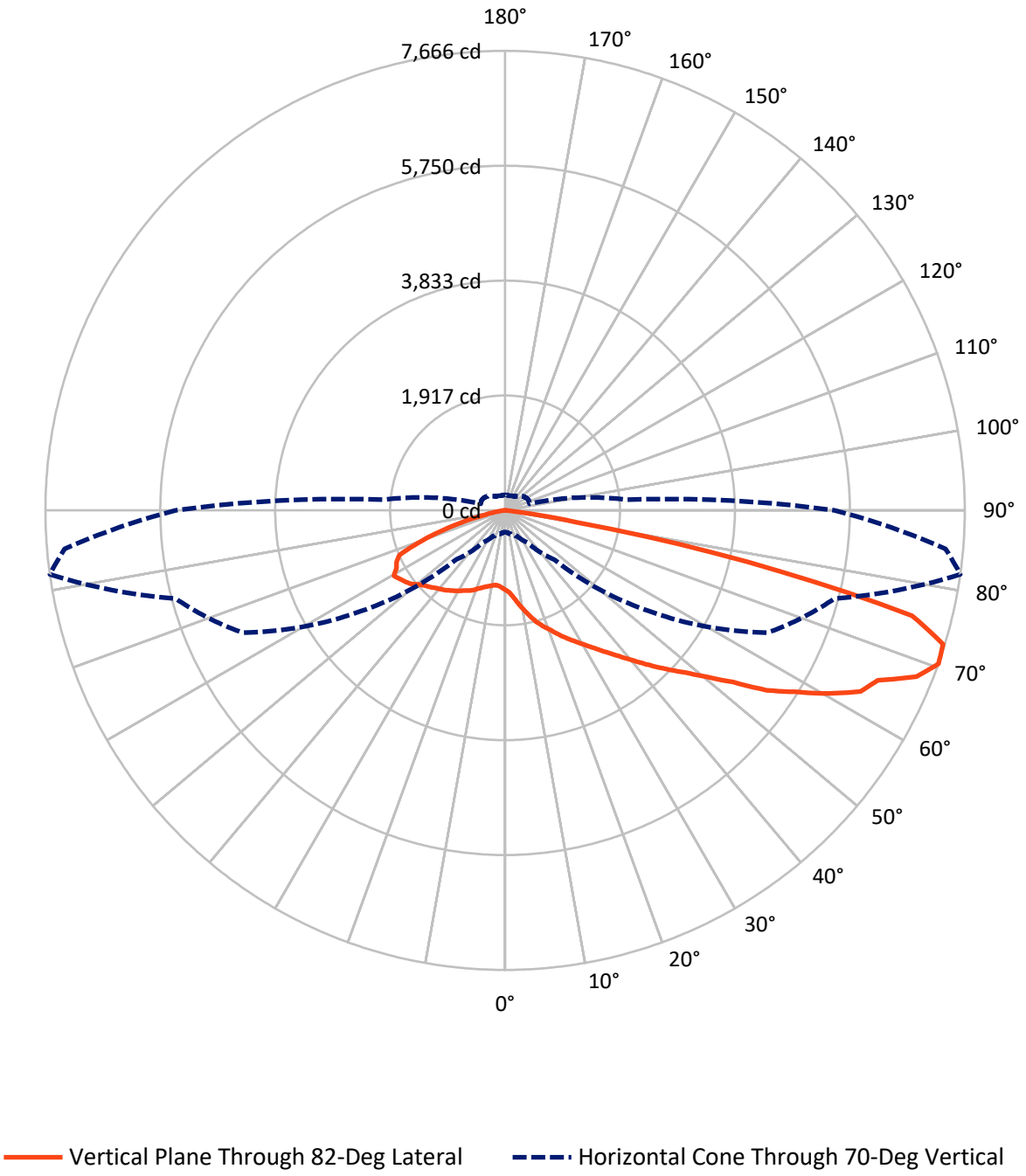
Based on 20 foot mounting height. Maximum calculated value = 5.3 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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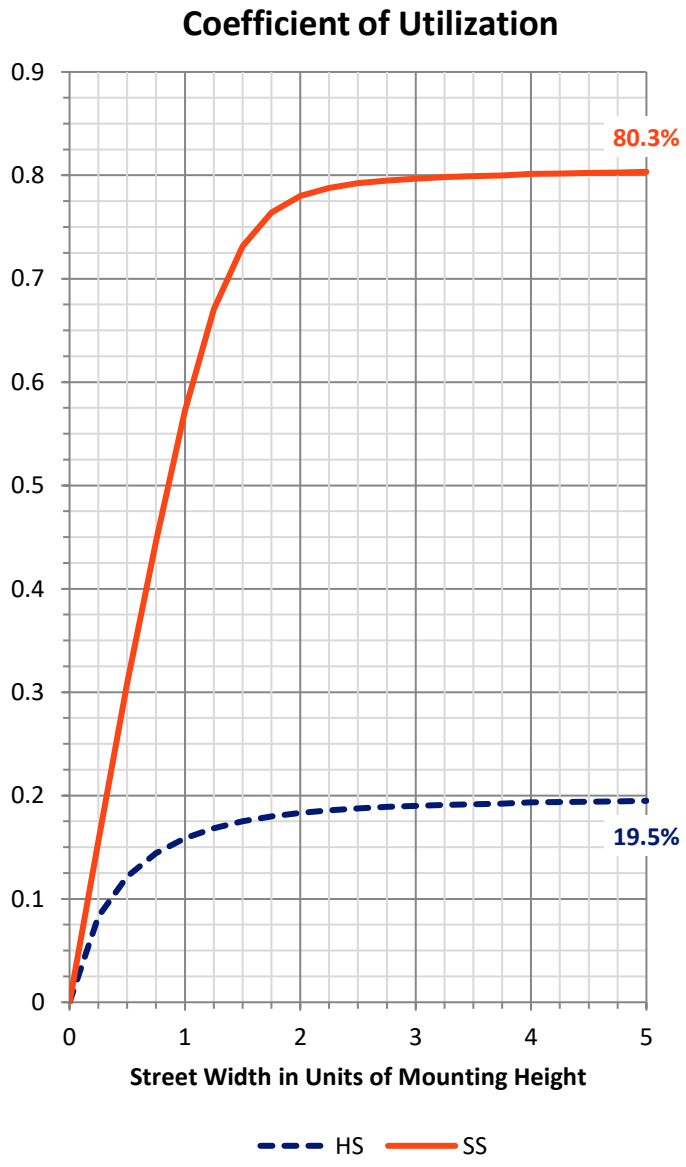
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1964.0	0.0	1964.0
	% Fixture	19.6	0.0	19.6
Street Side	Lumens	8036.6	0.0	8036.6
	% Fixture	80.4	0.0	80.4
Total	Lumens	10000.6	0.0	10000.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.9	1.3
10°-20°	453.0	4.5
20°-30°	788.3	7.9
30°-40°	1268.2	12.7
40°-50°	1911.4	19.1
50°-60°	2260.3	22.6
60°-70°	2002.9	20.0
70°-80°	1098.6	11.0
80°-90°	82.9	0.8
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°	10000.6	100.0
0°-180°	10000.6	100.0



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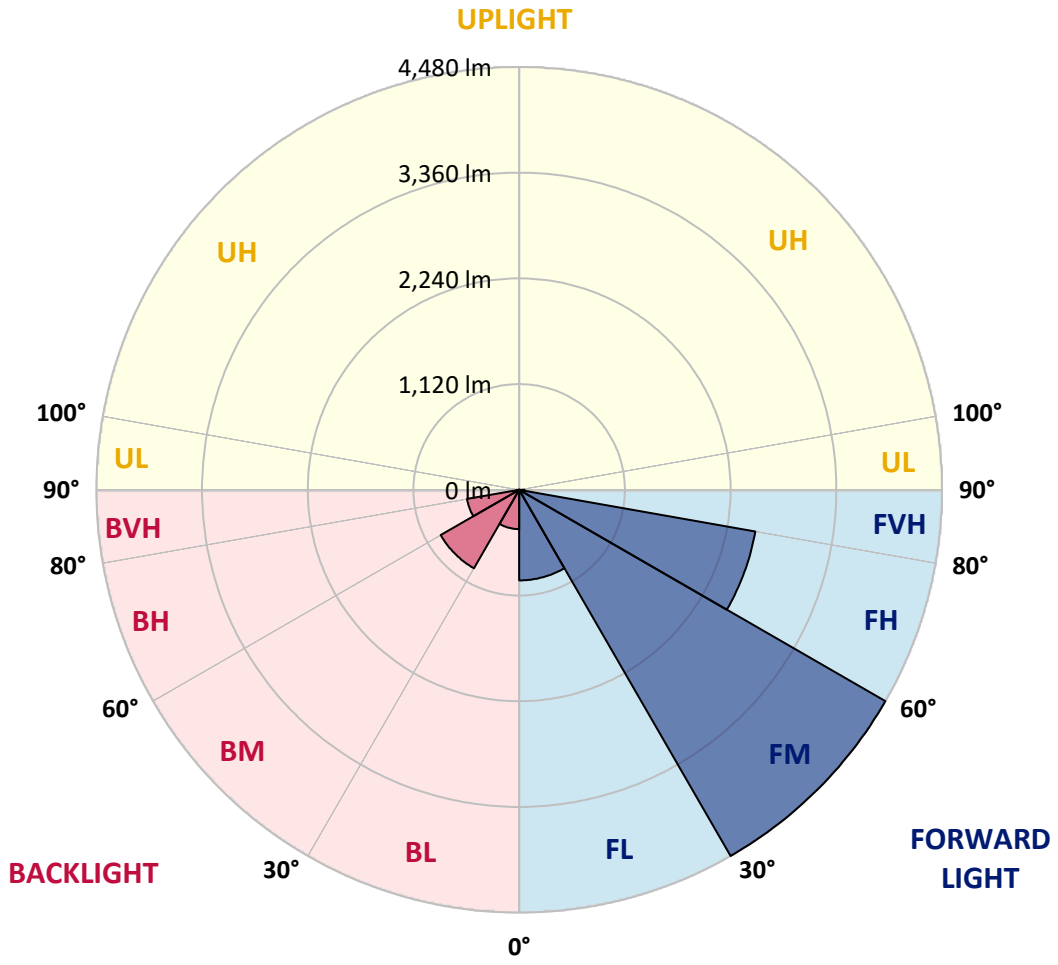
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	959.5	9.6			
FM	(30°-60°)	4480.0	44.8			
FH	(60°-80°)	2540.6	25.4			G2/5000
FVH	(80°-90°)	56.5	0.6			G1/100
BL	(0°-30°)	416.7	4.2	B1/500		
BM	(30°-60°)	960.0	9.6	B1/1000		
BH	(60°-80°)	560.9	5.6	B2/1000		G2/1000
BVH	(80°-90°)	26.5	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	*1327.7*	1327.7
2.5°	1609.2	1613.9	1599.8	1590.5	1567.0	1524.8	1506.0	1454.4	1407.5	*1370.0*	1355.9
5°	1904.8	1881.3	1867.3	1848.5	1825.0	1778.1	1712.4	1628.0	1543.5	*1454.4*	1421.6
7.5°	2073.7	2069.0	2078.4	2059.6	2036.2	1979.9	1909.5	1811.0	1674.9	*1562.3*	1501.3
10°	2153.5	2153.5	2176.9	2186.3	2191.0	2167.5	2097.2	1993.9	1829.7	*1679.6*	1595.2
12.5°	2130.0	2120.6	2167.5	2214.4	2275.4	2298.9	2284.8	2176.9	1970.5	*1796.9*	1712.4
15°	2026.8	2031.5	2083.1	2172.2	2284.8	2378.7	2420.9	2336.4	2120.6	*1923.6*	1815.7
17.5°	1979.9	1970.5	2022.1	2115.9	2256.7	2402.1	2505.3	2481.9	2261.4	*2026.8*	1909.5
20°	2008.0	2008.0	2031.5	2111.2	2242.6	2406.8	2556.9	2585.1	2378.7	*2120.6*	2008.0
22.5°	2087.8	2083.1	2101.8	2144.1	2256.7	2435.0	2608.5	2688.3	2500.6	*2237.9*	2101.8
25°	2237.9	2228.5	2219.1	2223.8	2317.7	2495.9	2674.2	2777.4	2622.6	*2355.2*	2214.4
27.5°	2406.8	2383.3	2350.5	2341.1	2397.4	2575.7	2763.4	2861.9	2725.8	*2472.5*	2331.7
30°	2613.2	2589.8	2524.1	2481.9	2514.7	2664.8	2899.4	2974.5	2861.9	*2599.2*	2444.3
32.5°	2960.4	2904.1	2772.7	2674.2	2655.5	2777.4	3016.7	3105.9	2988.6	*2739.9*	2608.5
35°	3523.4	3481.2	3288.8	2988.6	2819.7	2885.3	3166.8	3256.0	3119.9	*2904.1*	2777.4
37.5°	4067.6	4044.2	3828.4	3434.3	3101.2	3016.7	3284.1	3401.4	3227.8	*3082.4*	2969.8
40°	4513.3	4466.4	4264.7	3945.7	3523.4	3213.8	3439.0	3579.7	3387.3	*3293.5*	3176.2
42.5°	4790.1	4762.0	4574.3	4311.6	3903.4	3509.3	3584.4	3748.6	3528.1	*3528.1*	3420.2
45°	4921.5	4869.9	4743.2	4532.1	4213.1	3823.7	3748.6	3941.0	3725.1	*3776.8*	3668.8
47.5°	4855.8	4837.1	4766.7	4654.1	4391.4	4081.7	3959.7	4133.3	3926.9	*4039.5*	3969.1
50°	4630.6	4625.9	4649.4	4658.8	4466.4	4269.4	4208.4	4335.1	4123.9	*4367.9*	4302.2
52.5°	3880.0	3880.0	4358.5	4546.2	4499.3	4372.6	4433.6	4564.9	4363.2	*4757.3*	4701.0
55°	2983.9	3012.0	3392.0	4208.4	4428.9	4419.5	4593.1	4865.2	4715.1	*5296.8*	5193.6
57.5°	2505.3	2519.4	2678.9	3457.7	4161.5	4410.1	4729.2	5095.1	4912.1	*5709.7*	5672.2
60°	1773.4	1773.4	1989.2	2603.8	3462.4	4292.8	4860.5	5395.4	5174.9	*6202.3*	6160.1
62.5°	1210.4	1219.8	1360.6	1787.5	2683.6	3908.1	4855.8	5639.3	5395.4	*6652.7*	6577.6
65°	760.0	778.8	896.1	1163.5	1735.9	3105.9	4691.6	5489.2	5376.6	*6831.0*	6765.3
67.5°	483.2	487.9	572.4	731.9	1097.8	2176.9	3861.2	5184.2	5578.3	*7398.7*	7342.4
70°	*361.3*	*370.6*	*412.9*	*473.9*	*661.5*	*1163.5*	*2927.6*	*4827.7*	*5686.2*	*7666.1*	*7375.2*
72.5°	272.1	281.5	314.3	351.9	422.2	703.7	1567.0	4006.6	5606.5	*7638.0*	7140.6
75°	220.5	229.9	258.0	276.8	276.8	436.3	910.2	3096.5	5174.9	*7009.3*	6225.8
77.5°	168.9	183.0	211.1	220.5	215.8	314.3	506.7	1599.8	3340.4	*4128.6*	3406.1
80°	117.3	122.0	154.8	164.2	178.3	229.9	248.7	412.9	1323.0	*1210.4*	900.8
82.5°	51.6	61.0	103.2	103.2	126.7	103.2	131.4	187.7	384.7	*225.2*	140.7
85°	14.1	14.1	32.8	46.9	46.9	37.5	56.3	65.7	79.8	*51.6*	42.2
87.5°	4.7	4.7	4.7	4.7	4.7	9.4	9.4	14.1	18.8	*23.5*	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-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7	1327.7
2.5°	1327.7	1309.0	1262.0	1201.1	1168.2	1126.0	1097.8	1050.9	1060.3	1055.6	1036.8
5°	1370.0	1299.6	1182.3	1065.0	980.5	919.6	891.4	867.9	853.9	853.9	849.2
7.5°	1407.5	1309.0	1130.7	985.2	905.5	867.9	849.2	853.9	858.6	853.9	858.6
10°	1477.9	1341.8	1097.8	952.4	891.4	886.7	886.7	900.8	900.8	914.9	910.2
12.5°	1552.9	1379.3	1088.5	952.4	919.6	924.2	933.6	943.0	952.4	957.1	947.7
15°	1623.3	1412.2	1093.1	966.5	947.7	957.1	961.8	961.8	971.2	961.8	966.5
17.5°	1693.7	1459.1	1102.5	985.2	966.5	966.5	952.4	943.0	933.6	924.2	919.6
20°	1773.4	1501.3	1116.6	994.6	966.5	938.3	914.9	896.1	886.7	872.6	872.6
22.5°	1853.2	1567.0	1130.7	985.2	928.9	900.8	867.9	844.5	821.0	807.0	797.6
25°	1937.6	1618.6	1126.0	966.5	905.5	858.6	821.0	792.9	769.4	755.4	755.4
27.5°	2040.9	1665.5	1111.9	933.6	877.3	835.1	792.9	764.7	736.6	722.5	717.8
30°	2148.8	1731.2	1102.5	914.9	867.9	811.7	764.7	731.9	703.7	689.7	689.7
32.5°	2270.7	1792.2	1088.5	905.5	839.8	783.5	741.3	708.4	689.7	675.6	675.6
35°	2406.8	1857.9	1065.0	886.7	816.3	755.4	727.2	689.7	675.6	666.2	661.5
37.5°	2566.3	1932.9	1036.8	858.6	774.1	736.6	694.4	661.5	633.4	614.6	614.6
40°	2721.1	2003.3	994.6	821.0	750.7	699.1	666.2	628.7	591.1	553.6	548.9
42.5°	2927.6	2078.4	952.4	769.4	713.1	652.1	647.4	595.8	534.8	506.7	502.0
45°	3124.6	2167.5	914.9	731.9	656.8	609.9	638.1	577.1	516.1	487.9	487.9
47.5°	3326.4	2256.7	858.6	694.4	577.1	577.1	595.8	548.9	506.7	469.2	469.2
50°	3612.5	2374.0	802.3	638.1	534.8	558.3	553.6	516.1	469.2	441.0	436.3
52.5°	3959.7	2528.8	741.3	572.4	506.7	544.2	516.1	483.2	436.3	412.9	403.5
55°	4344.4	2622.6	699.1	506.7	492.6	506.7	487.9	455.1	417.6	384.7	380.0
57.5°	4729.2	2707.1	666.2	478.5	487.9	473.9	455.1	422.2	384.7	361.3	351.9
60°	5123.2	2805.6	628.7	473.9	478.5	455.1	426.9	394.1	361.3	347.2	347.2
62.5°	5306.2	2683.6	572.4	464.5	473.9	431.6	394.1	365.9	337.8	333.1	333.1
65°	5461.0	2646.1	516.1	459.8	455.1	408.2	361.3	333.1	314.3	309.6	309.6
67.5°	5794.1	2533.5	469.2	441.0	426.9	380.0	323.7	305.0	281.5	281.5	281.5
70°	*5489.2*	*2031.5*	*422.2*	*426.9*	*394.1*	*342.5*	*281.5*	*267.4*	*253.3*	*258.0*	*258.0*
72.5°	5066.9	1477.9	351.9	384.7	361.3	272.1	248.7	234.6	225.2	234.6	229.9
75°	4011.3	971.2	258.0	319.0	276.8	244.0	211.1	201.7	192.4	197.0	192.4
77.5°	1867.3	487.9	168.9	211.1	234.6	220.5	173.6	159.5	154.8	164.2	164.2
80°	614.6	258.0	107.9	107.9	145.4	178.3	131.4	117.3	145.4	168.9	131.4
82.5°	168.9	98.5	65.7	65.7	65.7	103.2	89.1	70.4	61.0	70.4	70.4
85°	46.9	37.5	32.8	28.1	23.5	37.5	37.5	23.5	23.5	23.5	23.5
87.5°	18.8	18.8	14.1	9.4	4.7	4.7	4.7	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

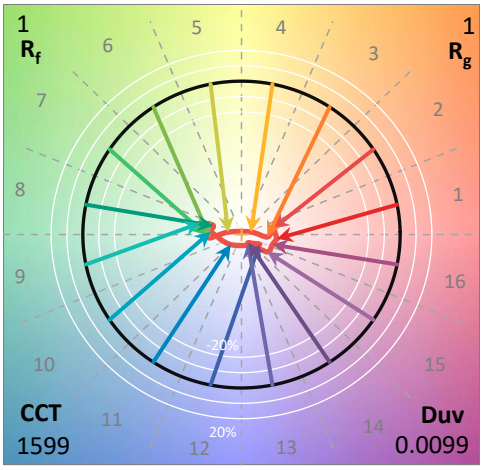
Test Information

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

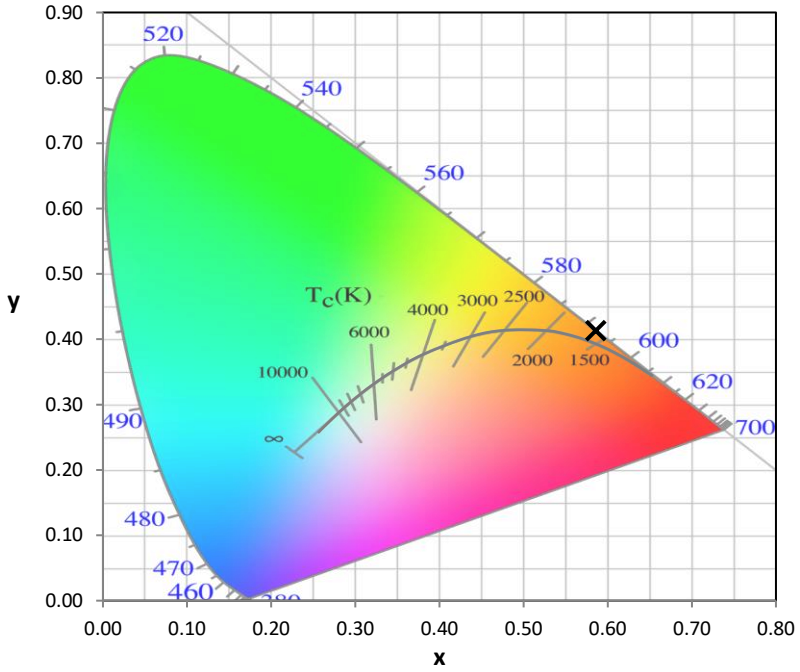
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

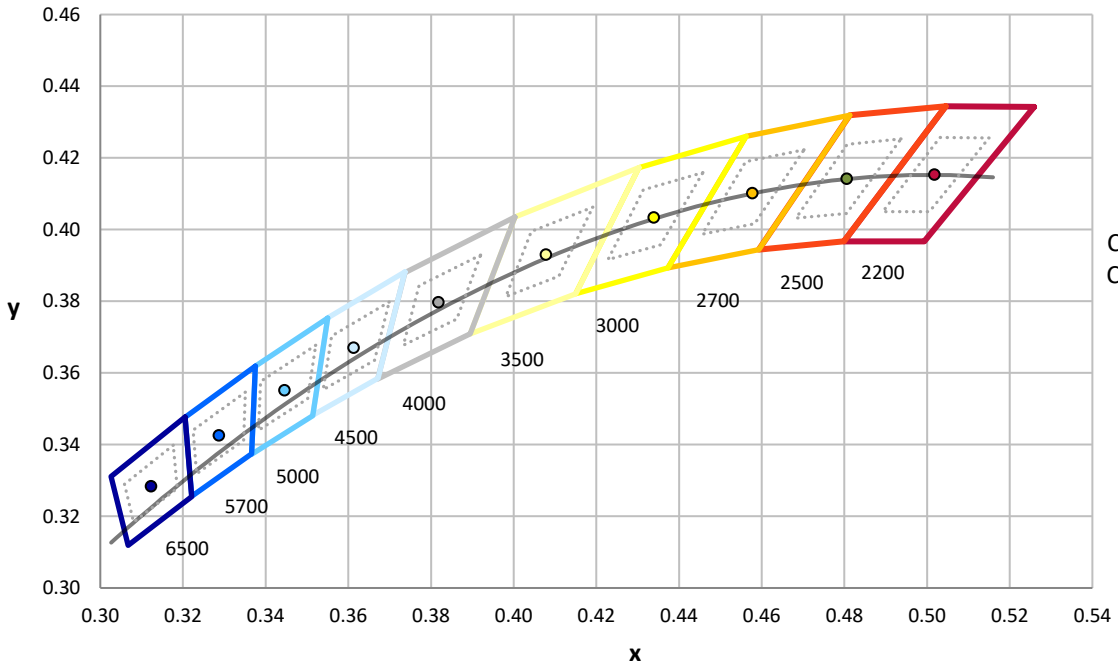
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

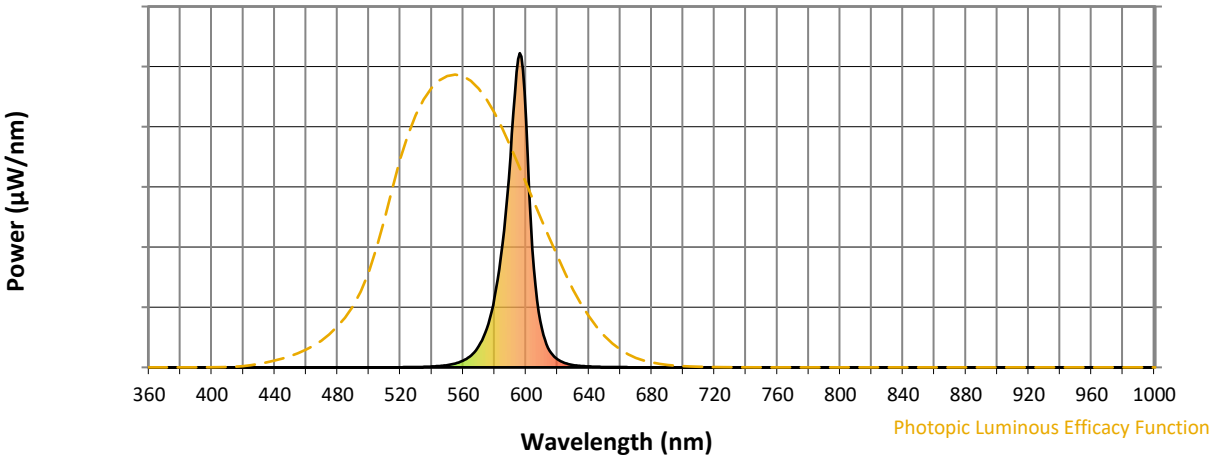


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

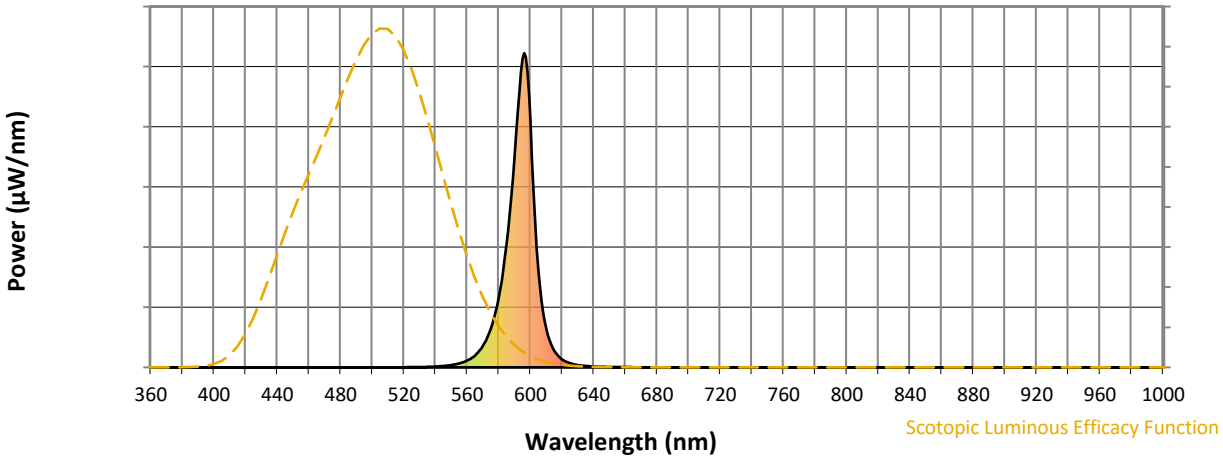


Photopic Lumens: NR

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

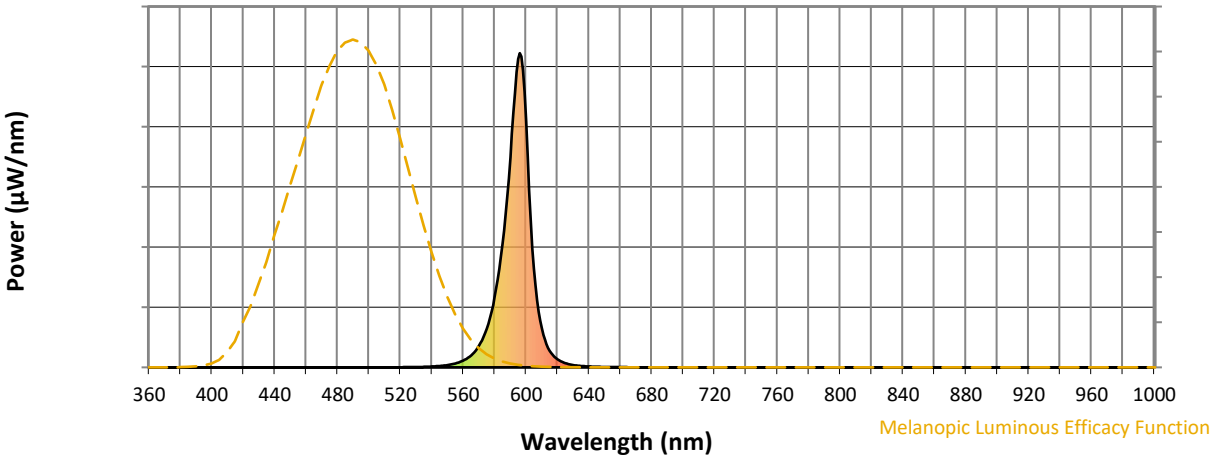


Scotopic Lumens: NR **S/P: 0.23**

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			

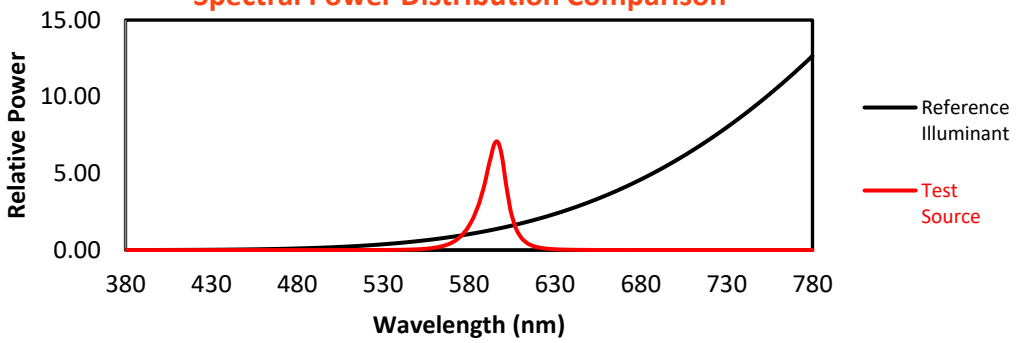
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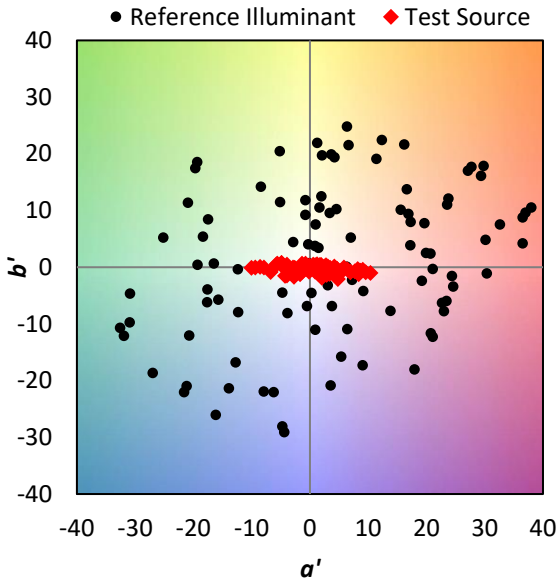
Summary

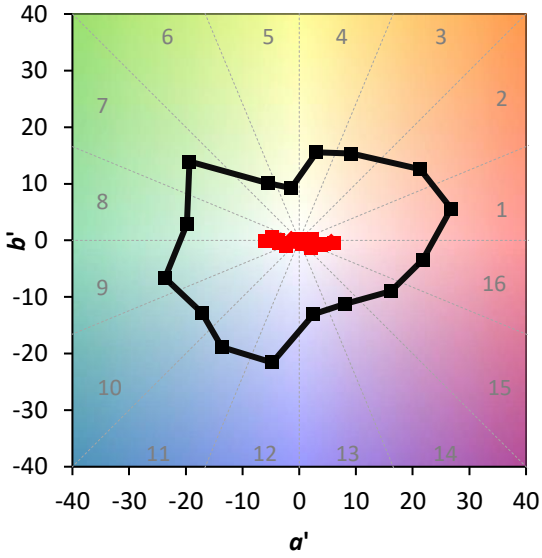
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

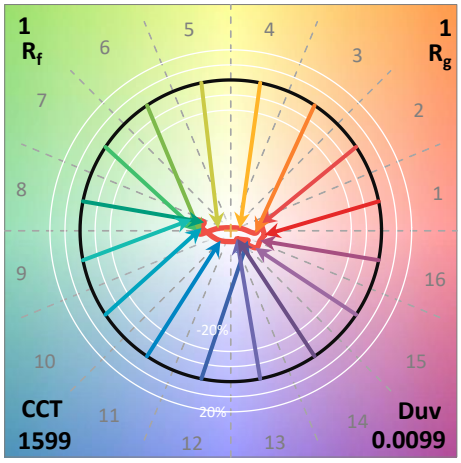
Spectral Power Distribution Comparison

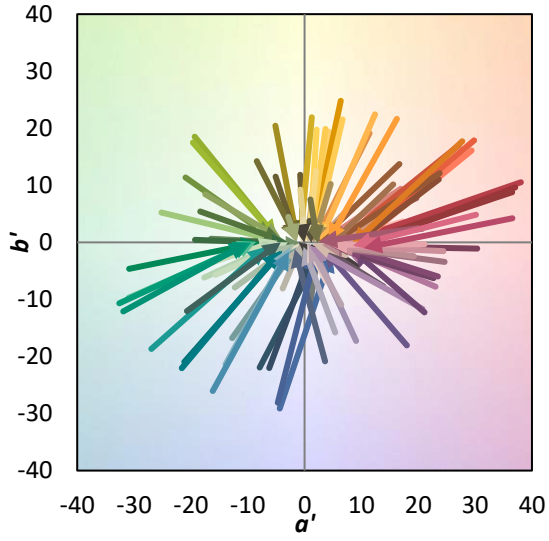


Color Vector Graphics







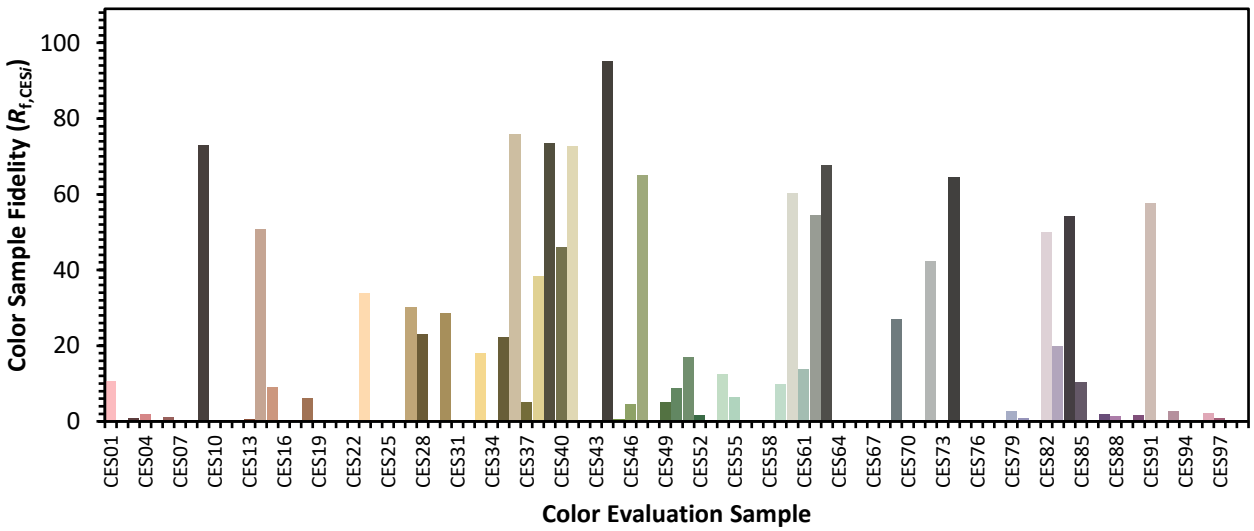


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Individual Sample Fidelity Index ($R_{f,i}$)

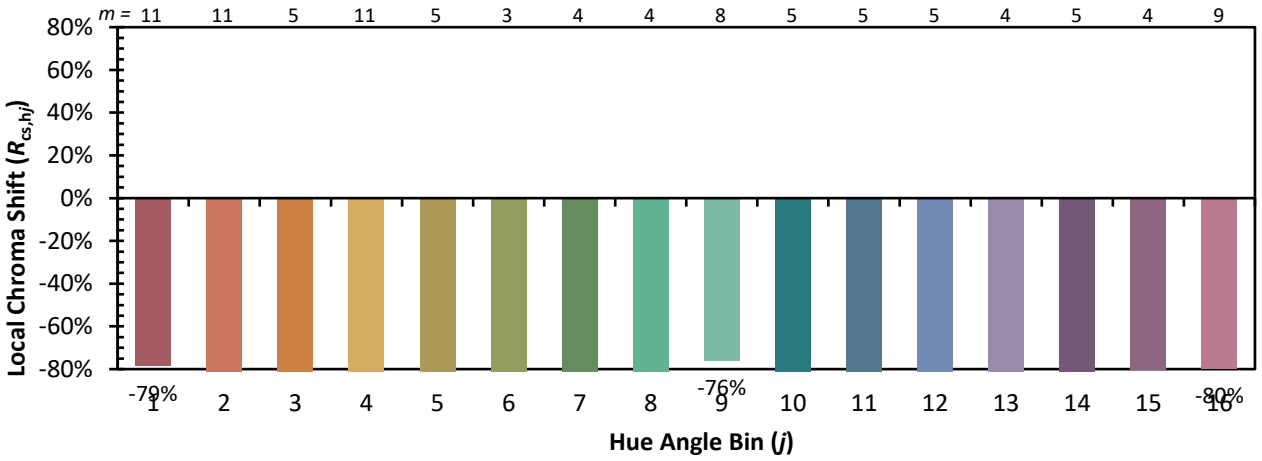
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

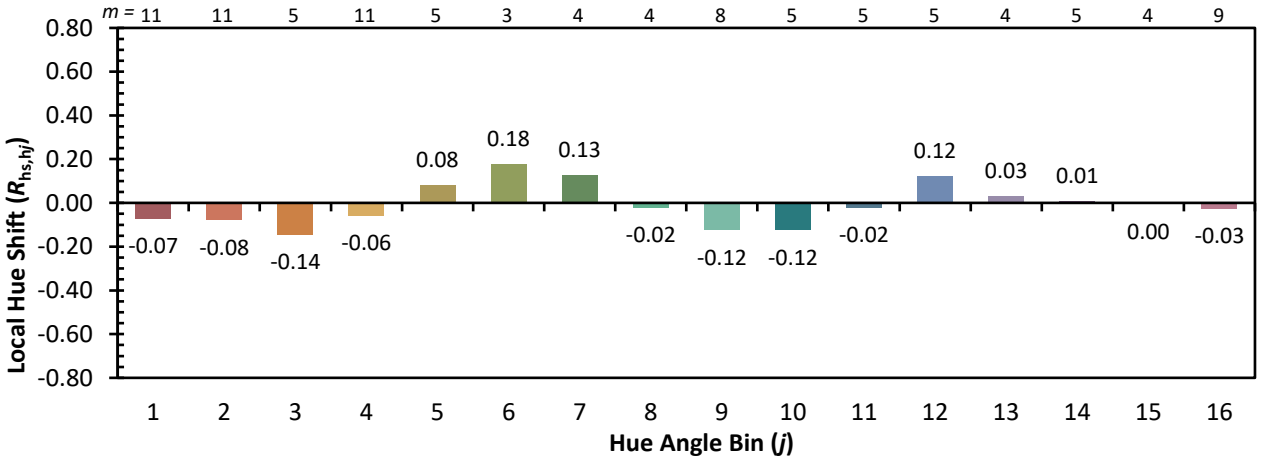


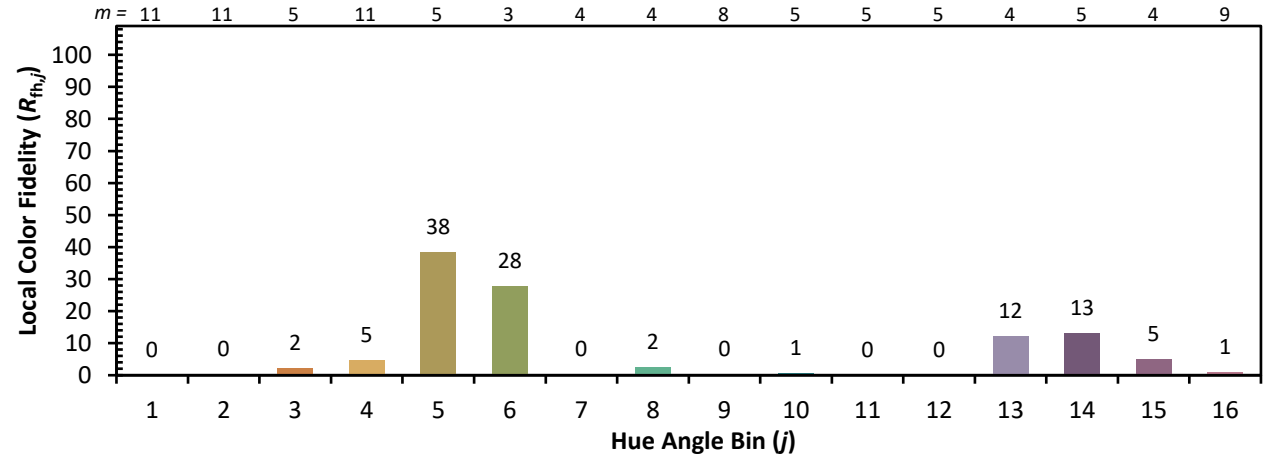
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Color Rendition by Hue-Angle Bin



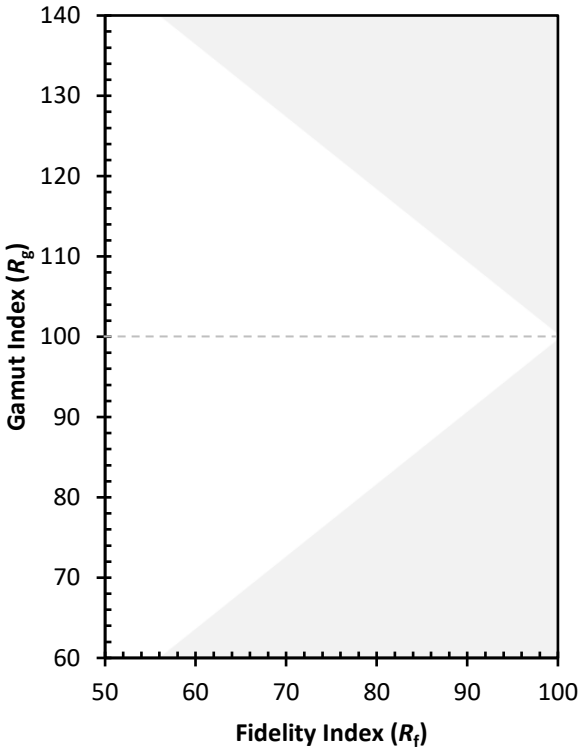


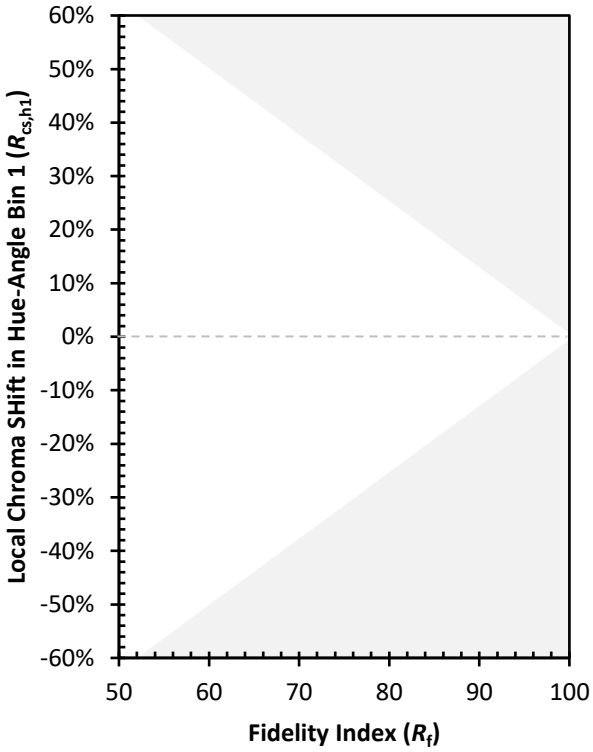


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Measure Comparisons





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