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

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

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10380.6 lumens
Efficiency:	N/A
Efficacy:	64.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - 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

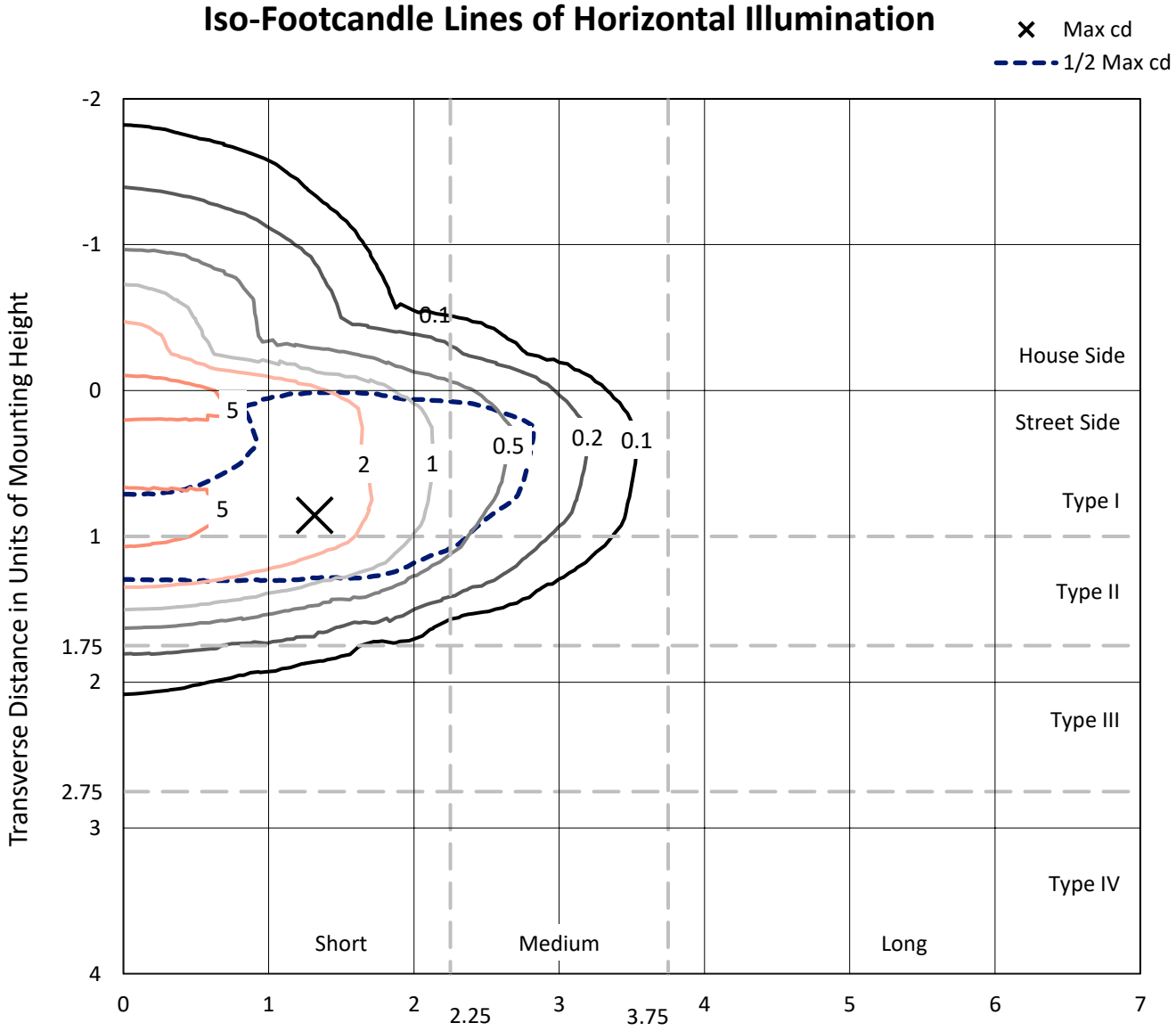


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Scaled Data Report

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

Iso-Footcandle Lines of Horizontal Illumination



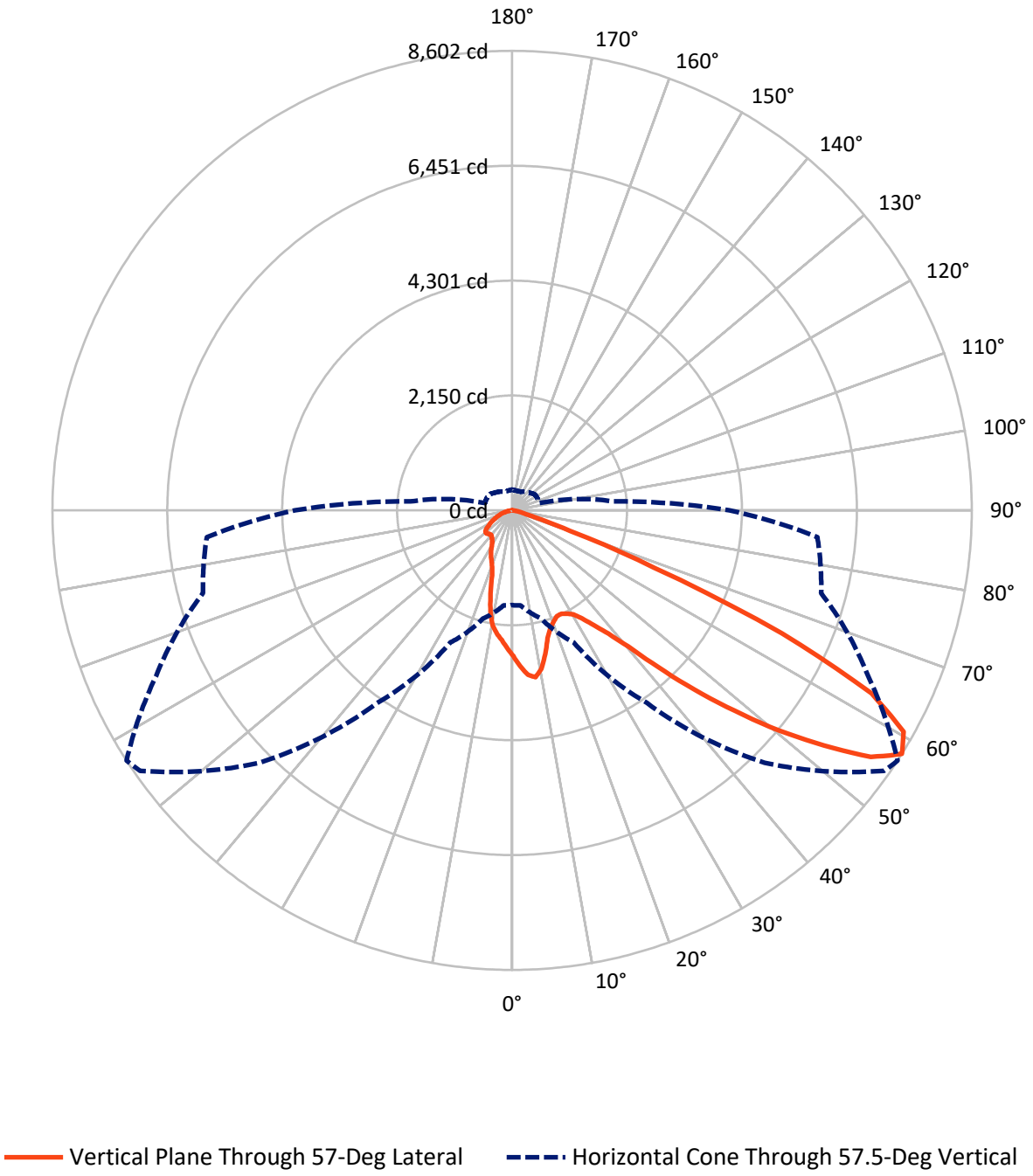
Based on 20 foot mounting height. Maximum calculated value = 6.9 fc
Type II - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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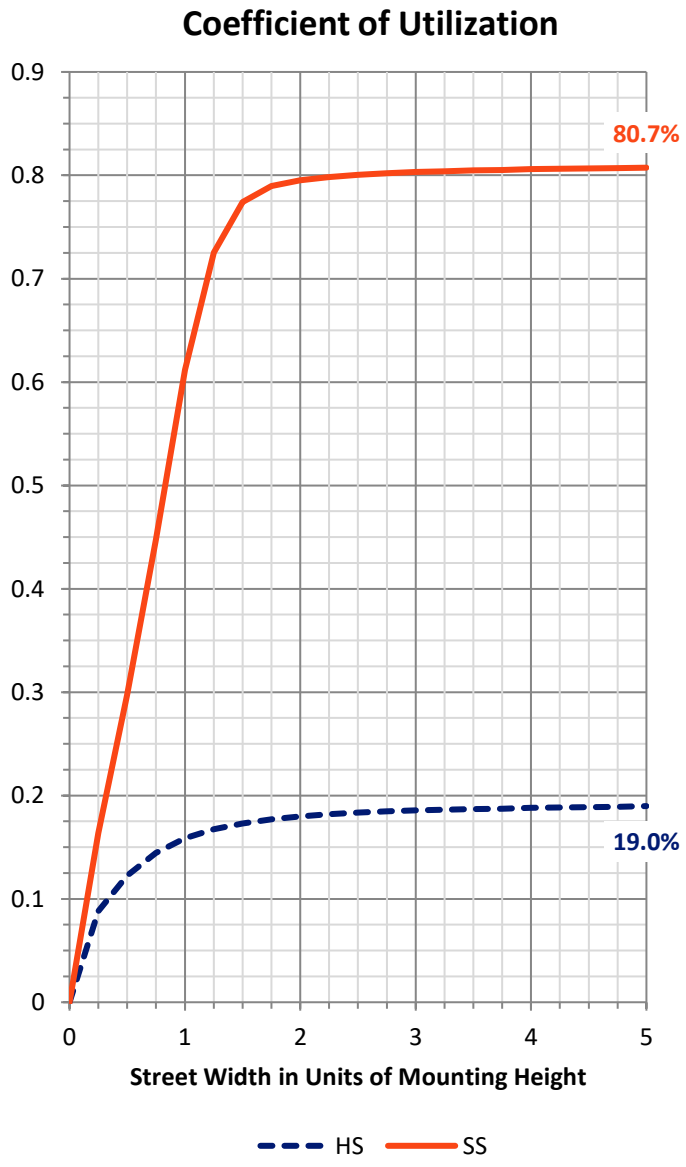
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1987.6	0.0	1987.6
	% Fixture	19.1	0.0	19.1
Street Side	Lumens	8393.1	0.0	8393.1
	% Fixture	80.9	0.0	80.9
Total	Lumens	10380.6	0.0	10380.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.0	2.4
10°-20°	571.0	5.5
20°-30°	843.3	8.1
30°-40°	1366.5	13.2
40°-50°	2412.5	23.2
50°-60°	2730.9	26.3
60°-70°	1685.6	16.2
70°-80°	478.0	4.6
80°-90°	47.8	0.5
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°	10380.6	100.0
0°-180°	10380.6	100.0



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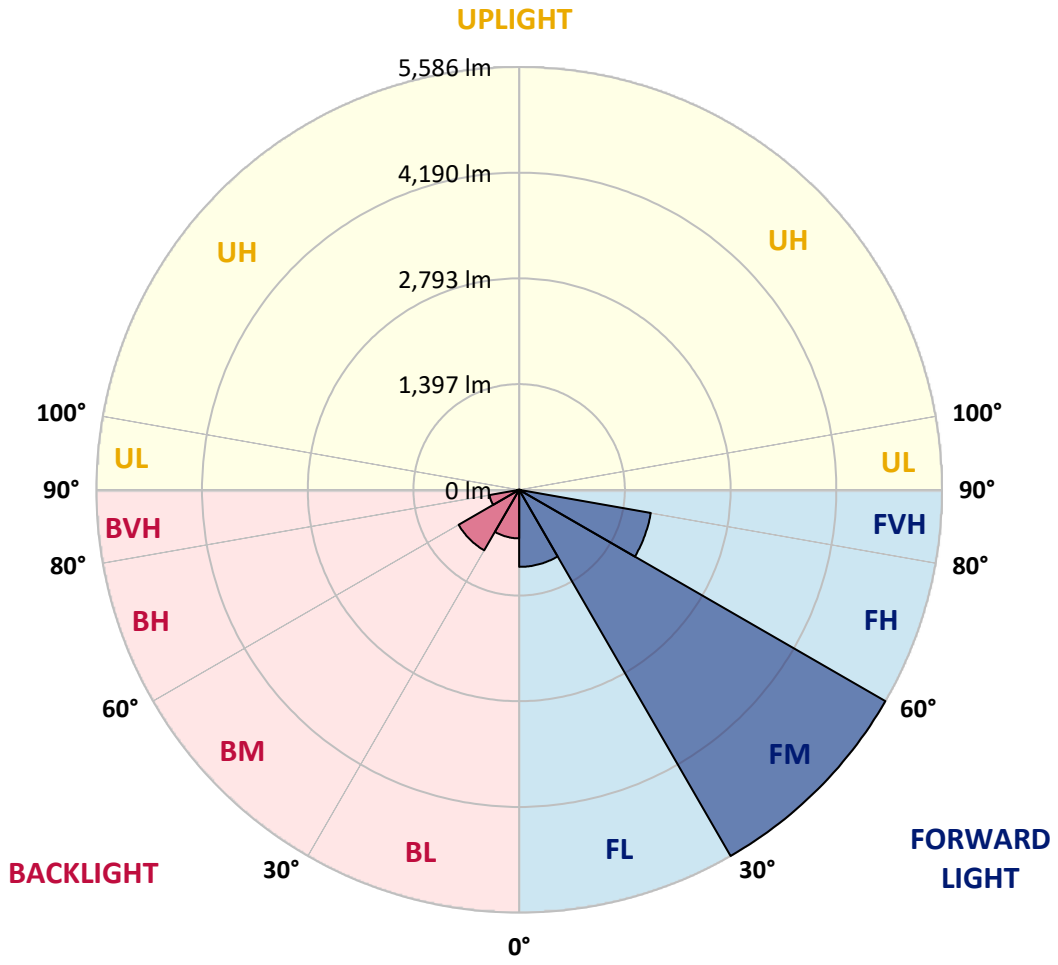
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1018.0	9.8			
FM	(30°-60°)	5586.5	53.8			
FH	(60°-80°)	1765.7	17.0			G1/1800
FVH	(80°-90°)	22.9	0.2			G1/100
BL	(0°-30°)	641.3	6.2	B2/1000		
BM	(30°-60°)	923.5	8.9	B1/1000		
BH	(60°-80°)	397.9	3.8	B1/500		G1/500
BVH	(80°-90°)	25.0	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	*2726.4*	2726.4	2726.4	2726.4
2.5°	3078.3	3054.9	3031.4	2998.6	2975.1	2956.3	2914.1	*2918.8*	2857.8	2820.2	2759.2
5°	3064.3	3036.1	3050.2	3073.6	3097.1	3097.1	3106.5	*3092.4*	3054.9	2956.3	2843.7
7.5°	2562.1	2543.4	2599.7	2679.5	2829.6	2998.6	3130.0	*3153.4*	3186.3	3125.3	2942.2
10°	2144.5	2130.4	2149.2	2247.7	2397.9	2660.7	2956.3	*3017.3*	3200.3	3252.0	3064.3
12.5°	1881.7	1872.3	1886.4	1956.8	2083.5	2299.4	2674.8	*2759.2*	3139.3	3341.1	3162.8
15°	1759.7	1755.0	1764.4	1816.0	1891.1	2064.7	2397.9	*2477.7*	2975.1	3430.3	3266.0
17.5°	1679.9	1675.3	1689.3	1722.2	1806.6	1942.7	2243.1	*2318.1*	2801.5	3486.6	3378.7
20°	1647.1	1637.7	1628.3	1675.3	1750.3	1886.4	2135.1	*2219.6*	2646.6	3542.9	3472.5
22.5°	1679.9	1665.9	1661.2	1689.3	1755.0	1891.1	2097.6	*2149.2*	2552.8	3552.3	3580.4
25°	1778.5	1783.2	1750.3	1755.0	1797.3	1900.5	2092.9	*2144.5*	2529.3	3528.8	3660.2
27.5°	1989.7	1975.6	1942.7	1919.3	1919.3	1975.6	2130.4	*2191.4*	2501.1	3510.0	3740.0
30°	2397.9	2360.4	2275.9	2177.4	2111.7	2135.1	2229.0	*2257.1*	2538.7	3533.5	3810.4
32.5°	3040.8	3040.8	2857.8	2623.2	2430.8	2351.0	2388.5	*2412.0*	2632.5	3538.2	3885.5
35°	4021.5	4016.8	3749.4	3308.3	2937.6	2693.5	2613.8	*2637.2*	2782.7	3613.3	3998.1
37.5°	5110.2	5035.1	4716.0	4232.7	3660.2	3200.3	2956.3	*2928.2*	3007.9	3758.8	4190.5
40°	5842.3	5781.3	5527.9	5138.4	4603.4	3904.2	3411.5	*3350.5*	3303.6	3941.8	4387.6
42.5°	6442.9	6400.7	6170.7	5884.5	5419.9	4819.3	4101.3	*4007.5*	3697.8	4242.1	4669.1
45°	6607.2	6546.1	6518.0	6400.7	6105.0	5635.8	4903.7	*4781.7*	4256.2	4551.8	4880.3
47.5°	6372.5	6363.1	6410.1	6658.8	6616.5	6396.0	5842.3	*5607.6*	4870.9	4899.1	5119.6
50°	5213.5	5236.9	5851.6	6475.8	6855.9	7052.9	6635.3	*6480.5*	5560.7	5265.1	5354.2
52.5°	4181.1	4242.1	4533.0	5710.9	6630.6	7433.0	7517.5	*7306.3*	6203.6	5612.3	5570.1
55°	3031.4	3087.7	3388.0	4368.8	5851.6	7362.7	8202.6	*8146.3*	6715.1	5856.3	5673.3
57.5°	*1773.8*	*1783.2*	*2097.6*	*2726.4*	*4401.6*	*6682.2*	*8498.3*	*8601.5*	*7353.3*	*5987.7*	*5734.3*
60°	783.7	802.4	929.1	1468.8	2660.7	5241.6	8155.7	*8418.5*	7930.5	6081.6	5729.6
62.5°	567.8	563.1	581.9	680.4	1356.2	2975.1	6954.4	*7550.4*	7770.9	5889.2	5283.8
65°	464.6	455.2	455.2	492.7	708.6	1426.5	4716.0	*5551.3*	6602.5	5659.3	5161.8
67.5°	394.2	389.5	389.5	394.2	483.3	689.8	2153.9	*2871.9*	4964.7	5452.8	5147.8
70°	323.8	323.8	328.5	323.8	361.3	431.7	844.7	*1154.4*	3073.6	4481.4	4561.2
72.5°	272.2	267.5	272.2	272.2	276.9	295.6	342.6	*431.7*	1511.0	3139.3	3233.2
75°	201.8	206.5	211.2	215.9	206.5	215.9	211.2	*229.9*	572.5	1567.3	1553.2
77.5°	154.9	154.9	168.9	164.2	140.8	150.2	150.2	*154.9*	225.2	380.1	455.2
80°	126.7	122.0	131.4	122.0	103.2	98.5	98.5	*98.5*	112.6	164.2	164.2
82.5°	56.3	65.7	89.2	75.1	65.7	56.3	56.3	*56.3*	70.4	89.2	61.0
85°	18.8	23.5	32.8	37.5	28.2	23.5	23.5	*28.2*	37.5	37.5	23.5
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	*4.7*	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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Scaled Data Report

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4	2726.4
2.5°	2740.5	2707.6	2660.7	2609.1	2571.5	2534.0	2496.5	2477.7	2458.9	2468.3	2473.0
5°	2782.7	2707.6	2595.0	2491.8	2421.4	2355.7	2290.0	2229.0	2182.0	2191.4	2200.8
7.5°	2834.3	2740.5	2571.5	2435.4	2294.7	2158.6	2041.3	1933.3	1858.3	1820.7	1820.7
10°	2914.1	2773.3	2548.1	2355.7	2144.5	1877.0	1647.1	1445.3	1351.5	1299.8	1281.1
12.5°	2975.1	2801.5	2524.6	2233.7	1867.6	1482.9	1220.1	1173.1	1173.1	1182.5	1187.2
15°	3045.5	2815.5	2463.6	2027.2	1501.6	1154.4	1130.9	1159.1	1201.3	1215.4	1215.4
17.5°	3097.1	2834.3	2355.7	1731.6	1159.1	1093.4	1145.0	1201.3	1238.8	1252.9	1262.3
20°	3158.1	2834.3	2238.4	1384.3	1051.1	1088.7	1154.4	1206.0	1257.6	1276.4	1276.4
22.5°	3219.1	2820.2	2013.1	1088.7	1004.2	1065.2	1130.9	1187.2	1224.8	1243.5	1243.5
25°	3247.3	2792.1	1745.6	943.2	952.6	1013.6	1060.5	1093.4	1126.2	1130.9	1130.9
27.5°	3284.8	2745.2	1426.5	844.7	877.5	919.7	943.2	947.9	957.3	962.0	962.0
30°	3284.8	2665.4	1102.8	760.2	769.6	807.1	830.6	825.9	825.9	825.9	825.9
32.5°	3298.9	2585.6	868.1	689.8	699.2	741.4	774.3	774.3	764.9	764.9	774.3
35°	3341.1	2496.5	741.4	628.8	666.3	718.0	750.8	746.1	750.8	746.1	755.5
37.5°	3411.5	2416.7	661.7	591.3	638.2	699.2	732.0	741.4	750.8	746.1	750.8
40°	3538.2	2327.5	605.3	563.1	624.1	689.8	722.7	746.1	708.6	671.0	666.3
42.5°	3679.0	2238.4	572.5	553.7	619.4	685.1	708.6	675.7	591.3	553.7	549.0
45°	3786.9	2139.8	563.1	563.1	628.8	671.0	652.3	563.1	530.3	497.4	502.1
47.5°	3923.0	2027.2	563.1	591.3	652.3	657.0	544.3	520.9	483.3	459.9	459.9
50°	4002.8	1947.4	567.8	610.0	652.3	581.9	516.2	478.6	450.5	431.7	427.0
52.5°	4030.9	1900.5	567.8	605.3	638.2	520.9	483.3	445.8	417.6	412.9	412.9
55°	4073.2	1895.8	558.4	577.2	591.3	497.4	455.2	408.3	394.2	394.2	398.9
57.5°	*4063.8*	*1909.9*	*525.6*	*525.6*	*520.9*	*464.6*	*427.0*	*384.8*	*375.4*	*380.1*	*389.5*
60°	3984.0	1891.1	483.3	478.6	469.3	417.6	403.6	366.0	356.6	366.0	366.0
62.5°	3660.2	1708.1	427.0	422.3	412.9	370.7	375.4	361.3	337.9	342.6	347.3
65°	3702.4	1675.3	408.3	370.7	351.9	333.2	342.6	333.2	309.7	314.4	319.1
67.5°	3566.4	1389.0	375.4	309.7	305.0	300.3	286.2	295.6	276.9	281.6	290.9
70°	3036.1	1079.3	323.8	258.1	258.1	253.4	253.4	258.1	244.0	258.1	272.2
72.5°	1956.8	774.3	276.9	211.2	220.6	201.8	220.6	220.6	211.2	229.9	234.6
75°	1018.3	567.8	225.2	168.9	168.9	164.2	178.3	178.3	178.3	197.1	201.8
77.5°	431.7	328.5	164.2	122.0	122.0	131.4	136.1	140.8	164.2	286.2	323.8
80°	197.1	164.2	103.2	75.1	79.8	89.2	98.5	103.2	244.0	229.9	225.2
82.5°	84.5	89.2	65.7	51.6	46.9	46.9	56.3	150.2	131.4	107.9	107.9
85°	23.5	32.8	28.2	18.8	18.8	18.8	28.2	51.6	42.2	42.2	37.5
87.5°	9.4	9.4	4.7	4.7	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

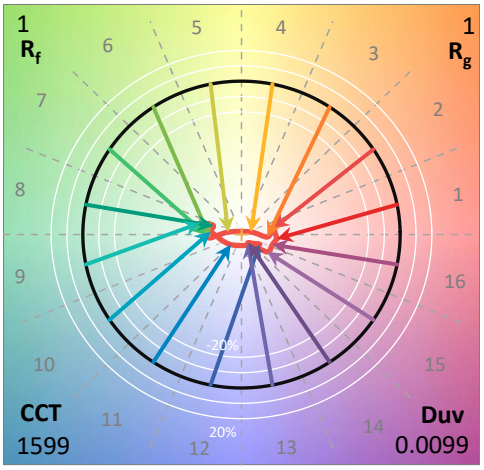
Test Information

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

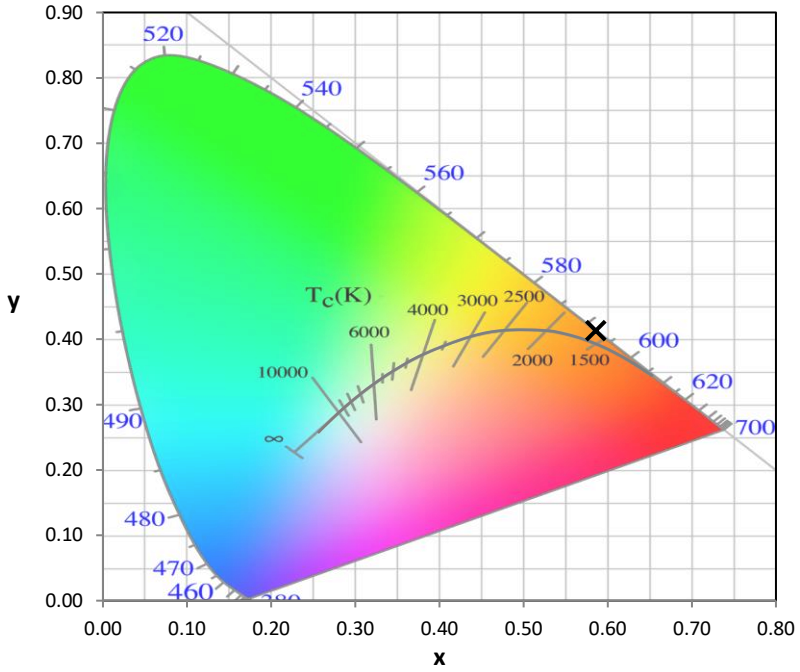
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

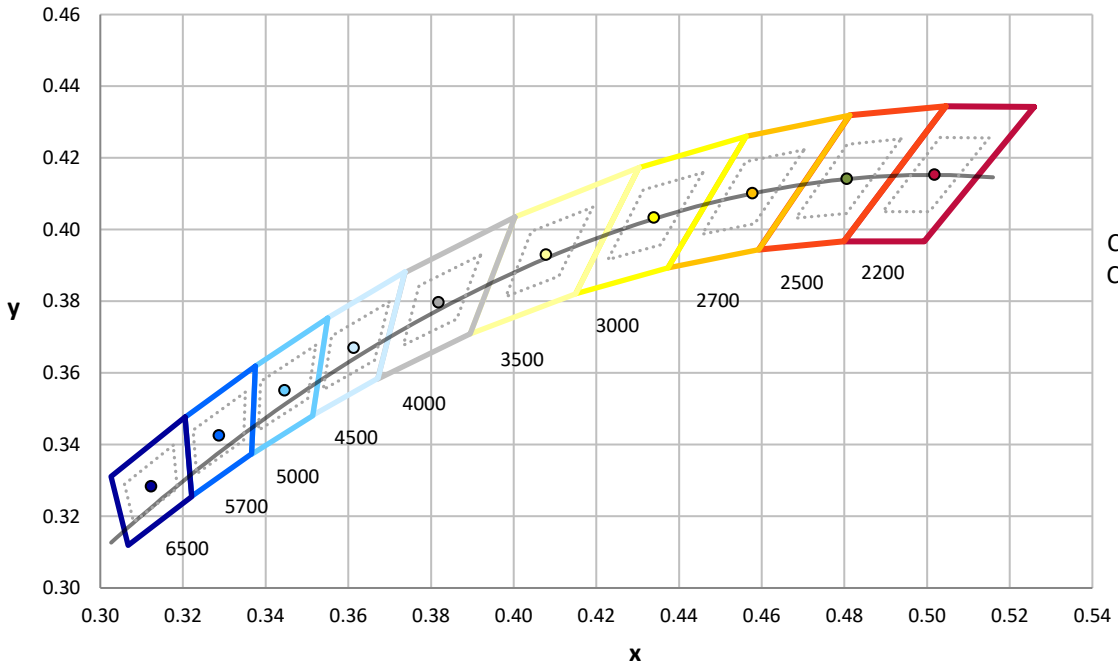
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

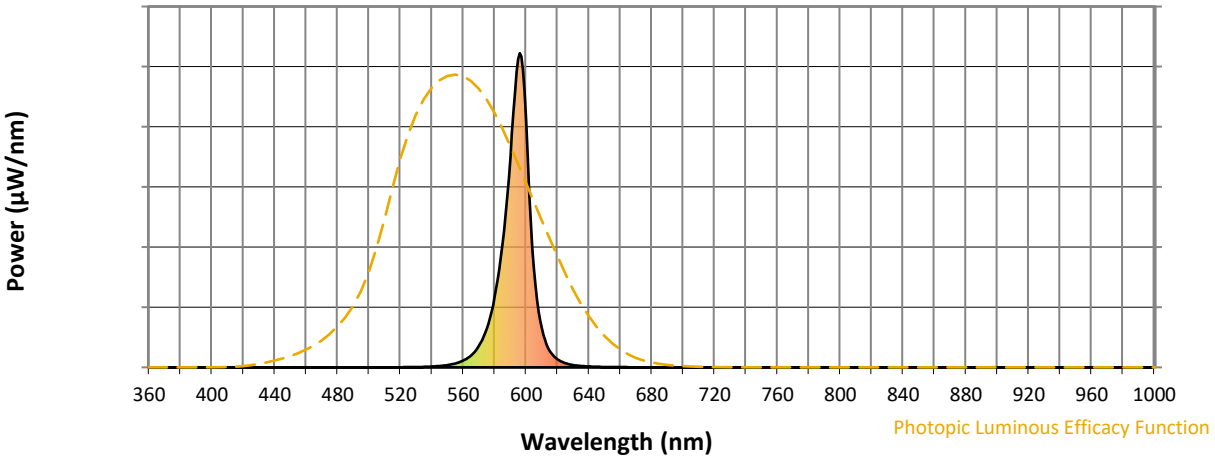


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

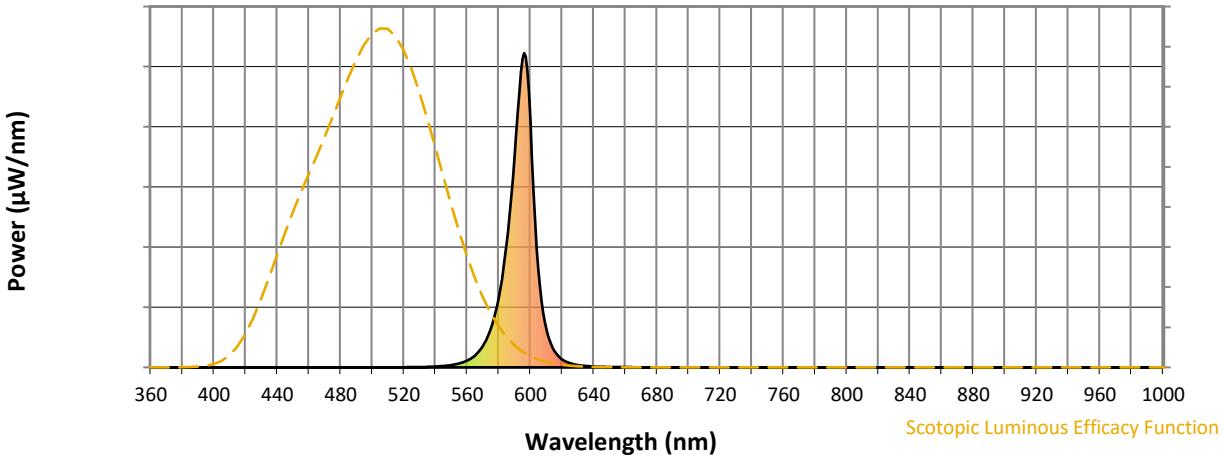


Photopic Lumens: NR

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

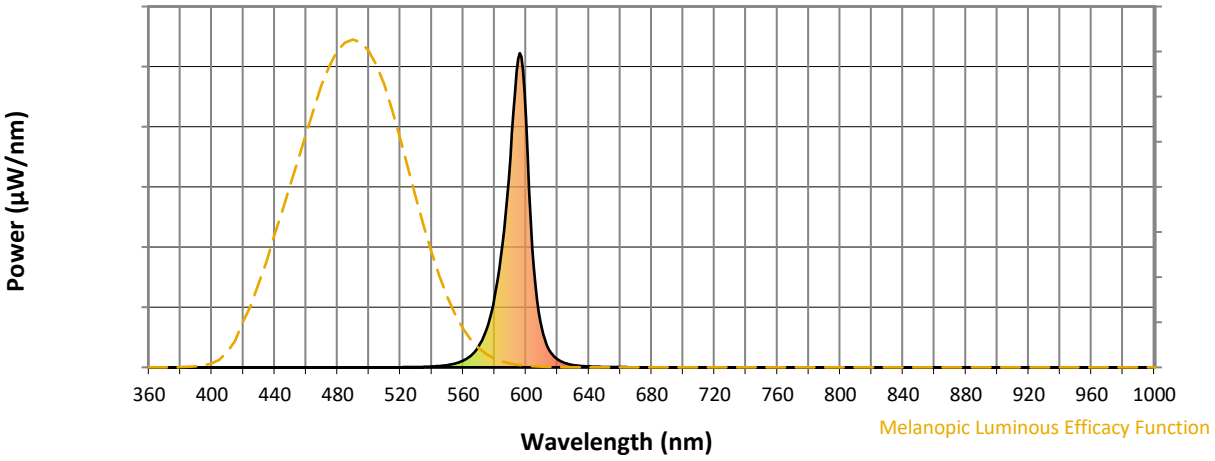


Scotopic Lumens: NR **S/P: 0.23**

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			

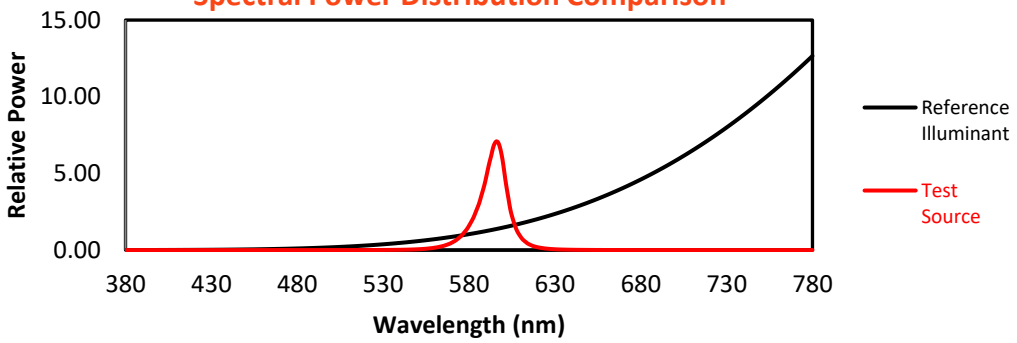
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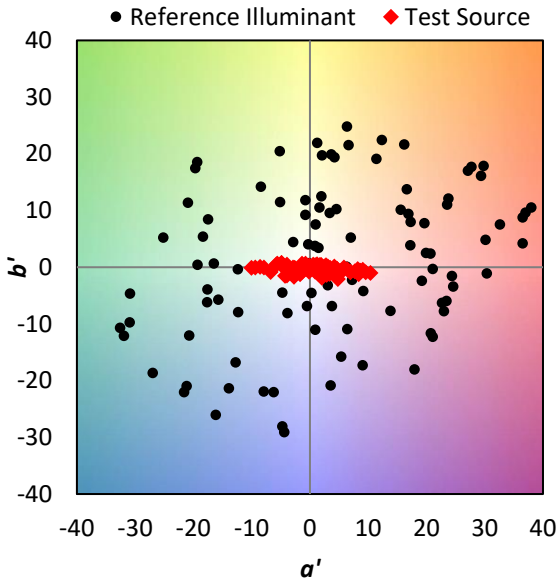
Summary

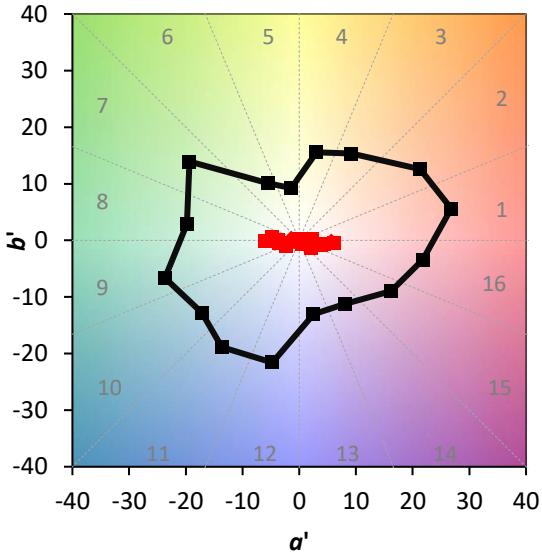
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

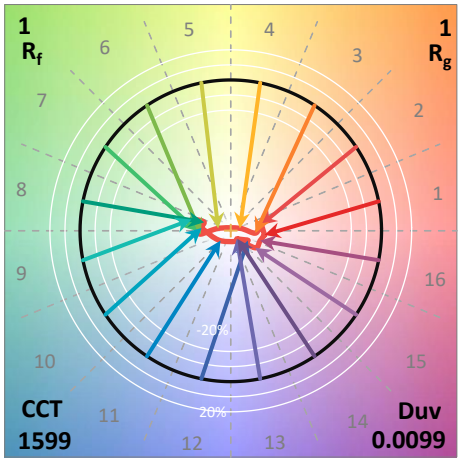
Spectral Power Distribution Comparison

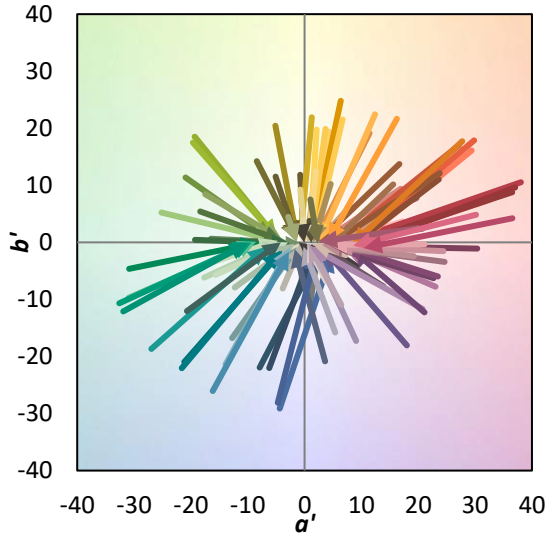


Color Vector Graphics







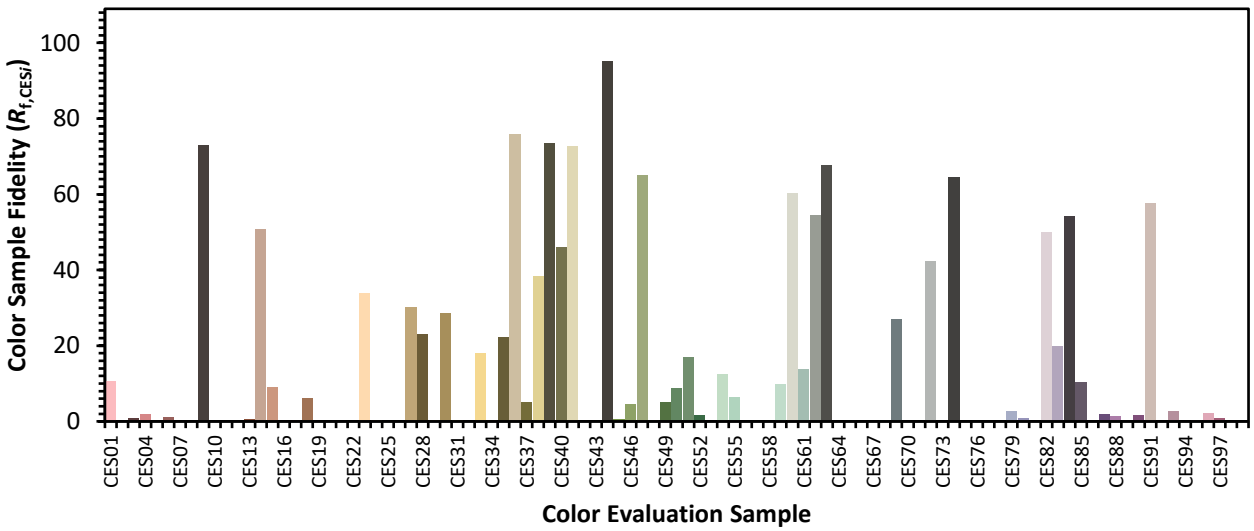


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Individual Sample Fidelity Index ($R_{f,i}$)

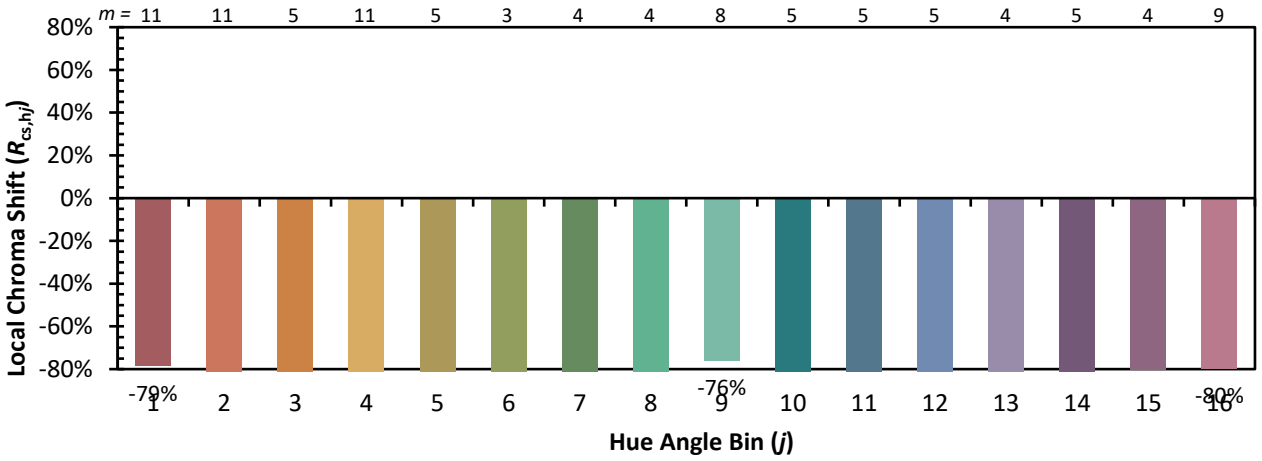
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

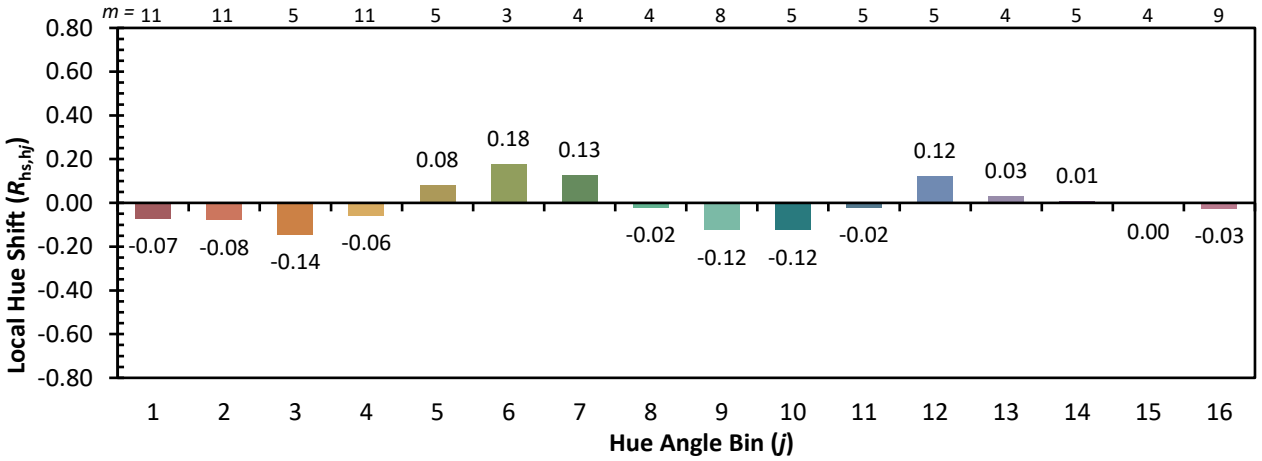


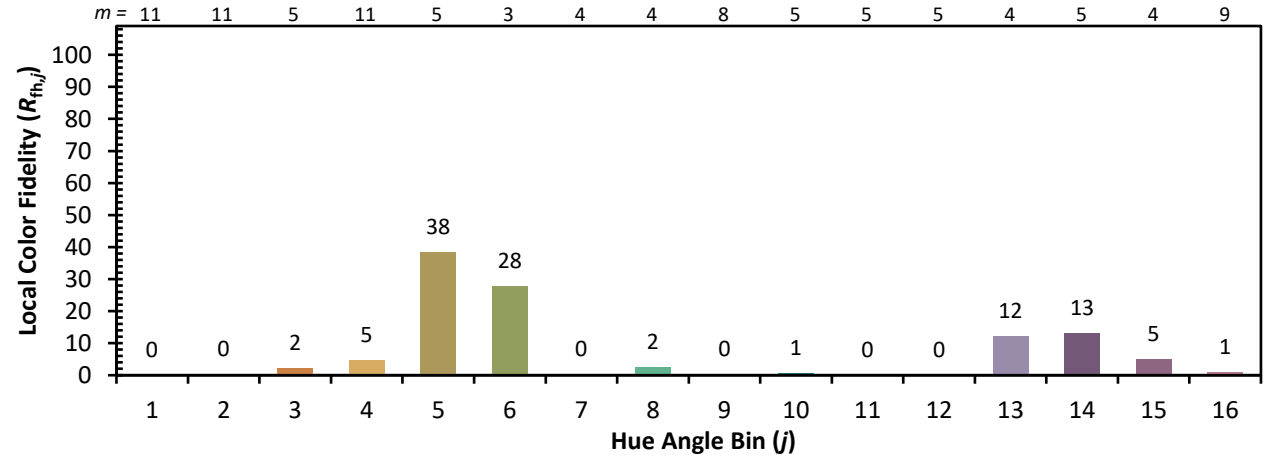
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Color Rendition by Hue-Angle Bin



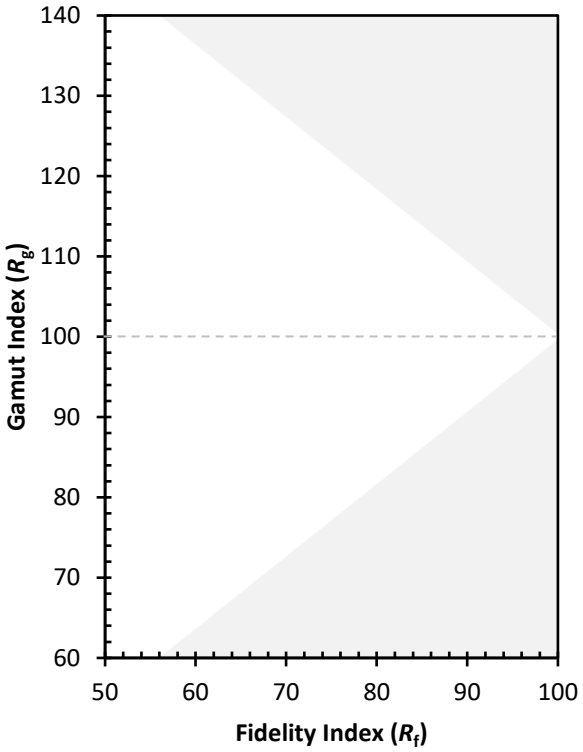


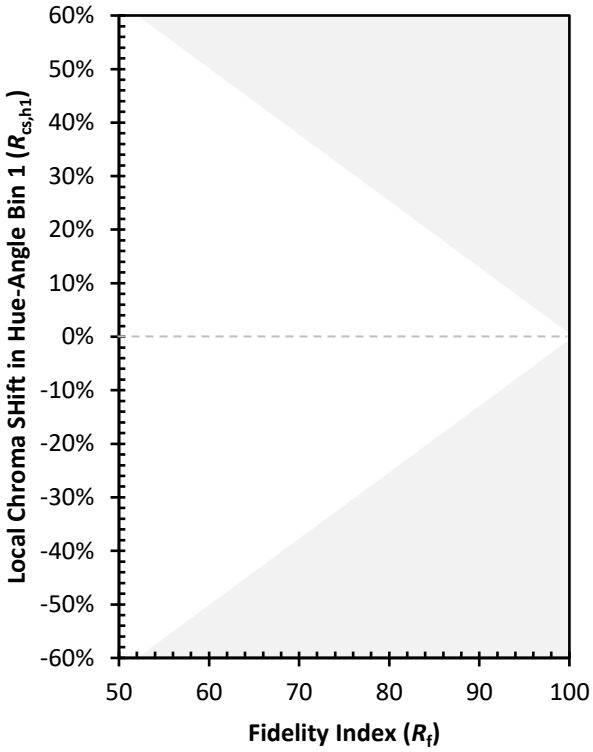


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Measure Comparisons





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