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-T4LG-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-T4LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T4 LOW GLARE 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:	7807.2 lumens
Efficiency:	N/A
Efficacy:	48.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
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

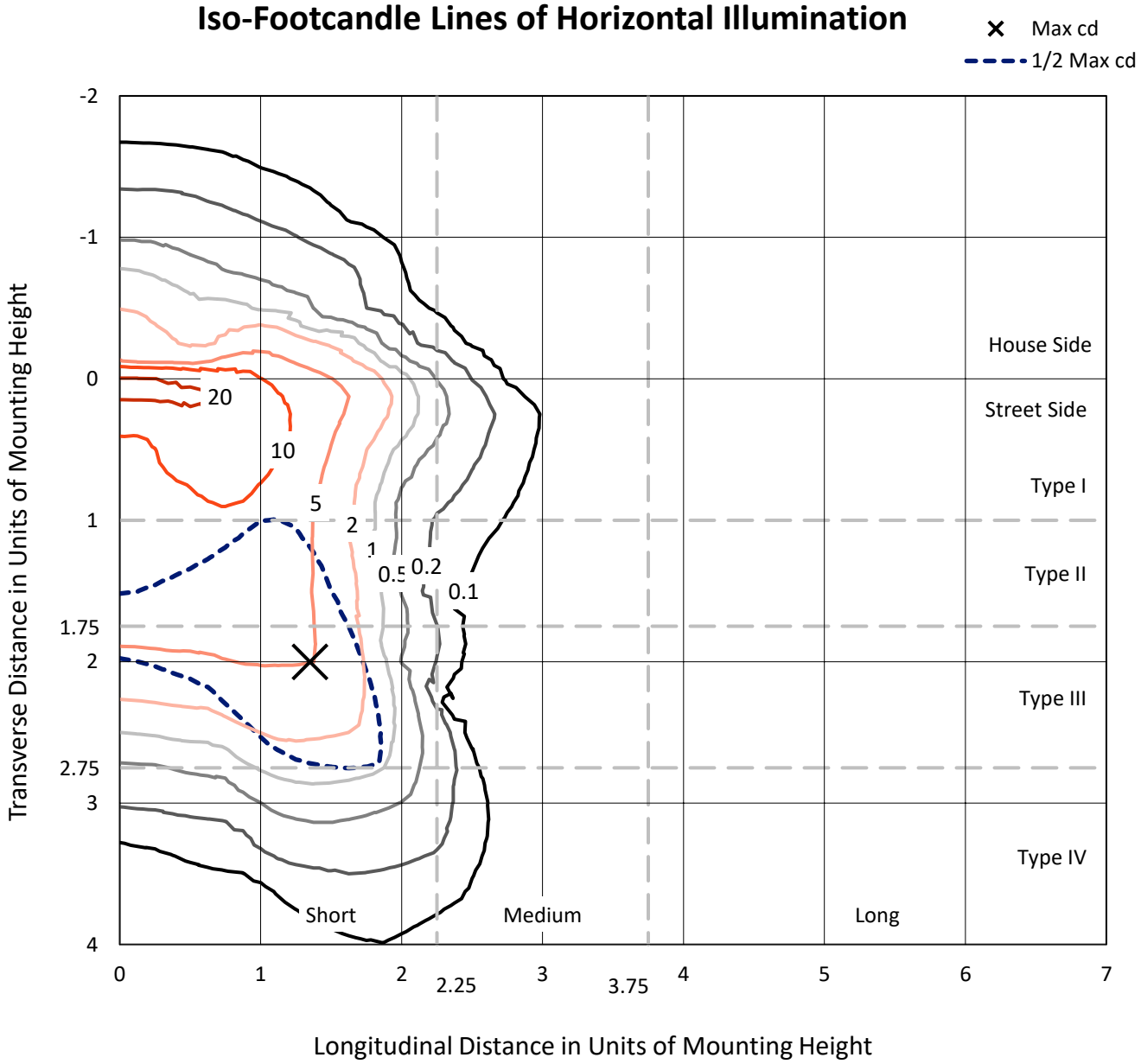


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



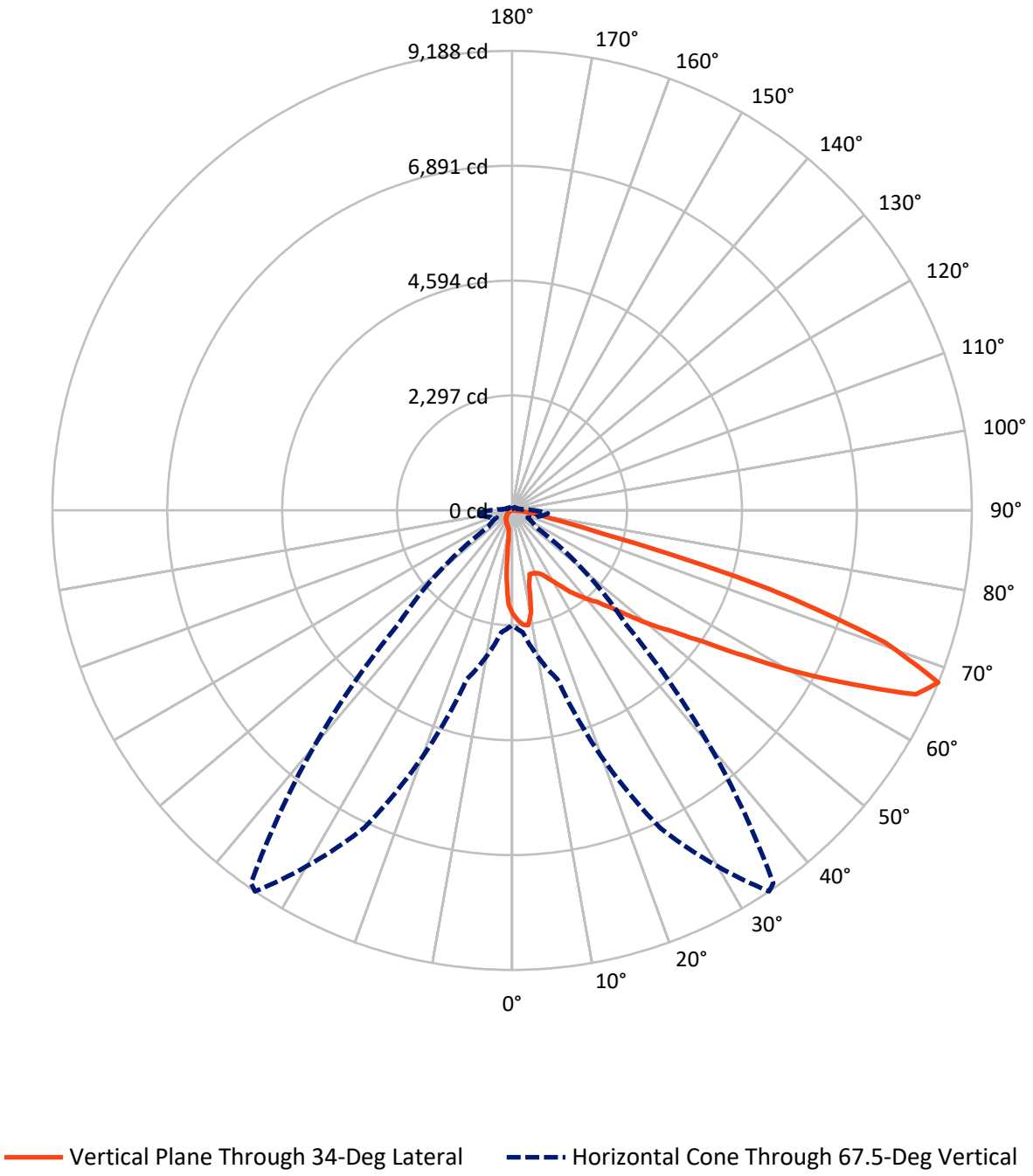
Based on 10 foot mounting height. Maximum calculated value = 23.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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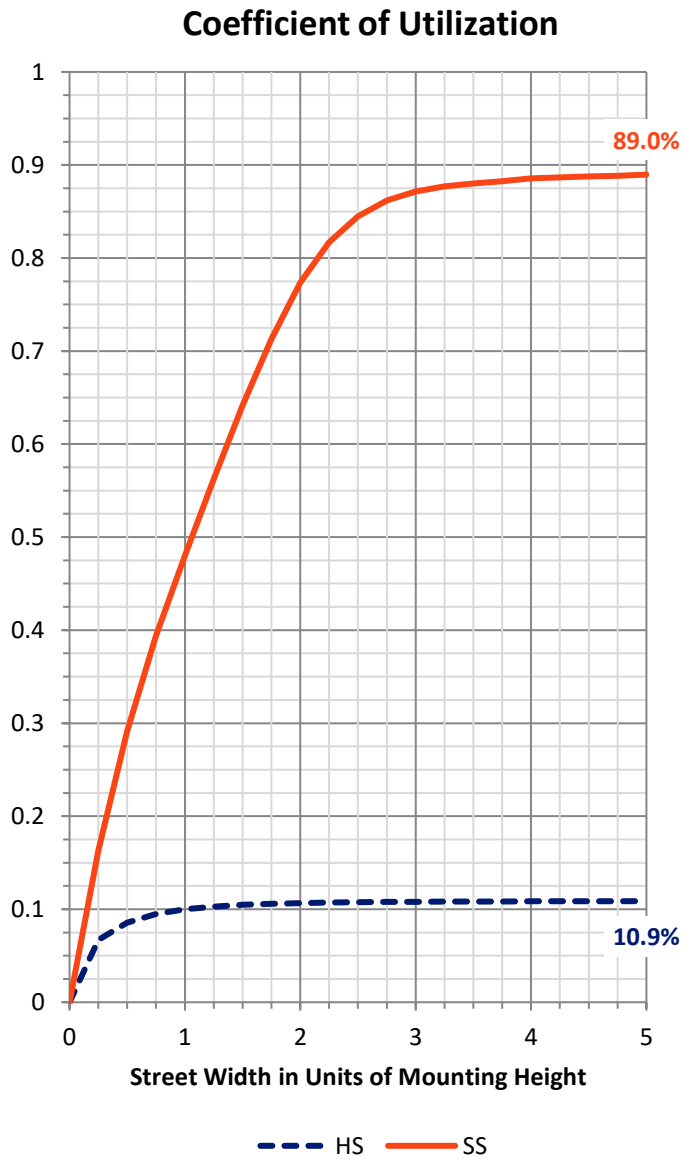
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	854.6	0.0	854.6
	% Fixture	10.9	0.0	10.9
Street Side	Lumens	6952.6	0.0	6952.6
	% Fixture	89.1	0.0	89.1
Total	Lumens	7807.2	0.0	7807.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.8	2.1
10°-20°	352.8	4.5
20°-30°	558.6	7.2
30°-40°	925.9	11.9
40°-50°	1441.3	18.5
50°-60°	2043.3	26.2
60°-70°	1833.0	23.5
70°-80°	454.4	5.8
80°-90°	32.0	0.4
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°	7807.2	100.0
0°-180°	7807.2	100.0



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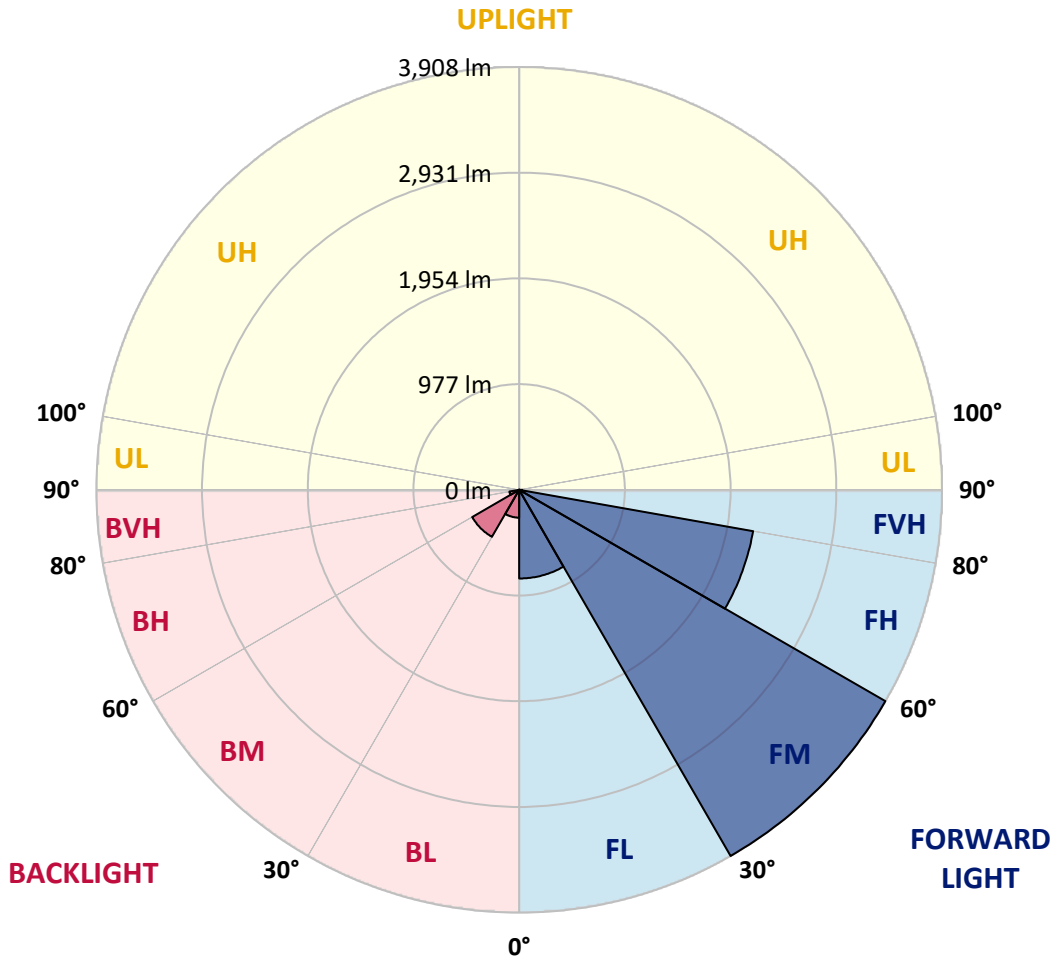
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	819.8	10.5			
FM	(30°-60°)	3908.3	50.1			
FH	(60°-80°)	2196.0	28.1			G2/5000
FVH	(80°-90°)	28.5	0.4			G1/100
BL	(0°-30°)	257.5	3.3	B1/500		
BM	(30°-60°)	502.2	6.4	B1/1000		
BH	(60°-80°)	91.5	1.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G2
Type III Short



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4
2.5°	2248.8	2244.1	2220.6	2211.2	2197.1	2206.5	2192.4	2178.4	2154.9	2136.1	2098.5
5°	2319.2	2314.5	2314.5	2309.8	2295.7	2305.1	2291.0	2281.6	2239.4	2201.8	2131.4
7.5°	2220.6	2215.9	2239.4	2295.7	2319.2	2323.9	2342.7	2338.0	2305.1	2258.2	2173.7
10°	1610.3	1605.6	1690.1	1859.1	2075.1	2122.0	2314.5	2389.6	2389.6	2333.3	2225.3
12.5°	1291.1	1286.4	1300.4	1375.6	1516.4	1568.0	2000.0	2413.1	2460.0	2436.6	2286.3
15°	1277.0	1272.3	1277.0	1291.1	1323.9	1338.0	1558.7	2206.5	2563.3	2558.6	2384.9
17.5°	1272.3	1272.3	1272.3	1295.7	1323.9	1338.0	1427.2	1854.4	2633.7	2713.6	2516.4
20°	1258.2	1262.9	1267.6	1300.4	1338.0	1356.8	1441.3	1671.3	2647.8	2859.1	2643.1
22.5°	1253.5	1253.5	1262.9	1305.1	1370.9	1389.6	1502.3	1718.3	2549.2	3028.1	2755.8
25°	1258.2	1244.1	1281.7	1342.7	1431.9	1446.0	1596.2	1821.6	2497.6	3183.0	2840.3
27.5°	1258.2	1258.2	1305.1	1408.4	1535.2	1563.3	1746.4	2004.7	2577.4	3361.4	2990.5
30°	1309.8	1309.8	1380.3	1497.6	1661.9	1699.5	1929.5	2225.3	2793.4	3568.0	3145.5
32.5°	1384.9	1380.3	1478.8	1629.1	1812.2	1859.1	2122.0	2464.7	3065.7	3788.6	3319.2
35°	1460.1	1469.5	1586.8	1798.1	2000.0	2037.5	2319.2	2685.4	3352.0	3971.7	3469.4
37.5°	1525.8	1554.0	1699.5	1938.9	2159.6	2215.9	2516.4	2896.6	3591.5	4136.1	3596.2
40°	1647.9	1676.0	1821.6	2079.8	2338.0	2384.9	2676.0	3075.0	3741.7	4192.4	3680.7
42.5°	1892.0	1915.5	2023.4	2239.4	2507.0	2563.3	2920.1	3305.1	3934.2	4262.8	3657.2
45°	2291.0	2286.3	2394.3	2530.5	2774.6	2840.3	3211.2	3586.8	4136.1	4309.8	3568.0
47.5°	2746.4	2760.5	2830.9	2981.2	3136.1	3187.7	3530.4	3863.8	4230.0	4305.1	3497.6
50°	3305.1	3305.1	3342.6	3460.0	3582.1	3600.9	3859.1	4023.4	4183.0	4262.8	3464.7
52.5°	3929.5	3906.0	3953.0	3985.8	4018.7	4065.6	4192.4	4084.4	4187.7	4140.8	3614.9
55°	4333.2	4337.9	4460.0	4553.9	4624.3	4680.6	4563.3	4173.6	3957.7	3854.4	3845.0
57.5°	4647.8	4680.6	4962.3	5267.5	5497.5	5516.3	4962.3	4065.6	3352.0	3220.6	3807.4
60°	5032.8	5014.0	5347.3	6018.6	6567.9	6558.5	5333.2	3511.7	2441.3	2281.6	3300.4
62.5°	4910.7	5028.1	5812.1	6971.7	7661.8	7492.8	5281.6	2530.5	1342.7	1295.7	2220.6
65°	3680.7	3873.2	4929.5	7549.1	8868.3	8741.6	4469.4	1399.0	591.5	727.7	1356.8
67.5°	2295.7	2446.0	3492.9	7004.5	9187.6	9098.4	3201.8	582.1	342.7	497.6	718.3
70°	1084.5	1173.7	1882.6	5830.9	7901.2	7506.9	1539.9	309.9	277.0	342.7	394.4
72.5°	441.3	497.6	854.4	3582.1	5384.9	4915.4	408.4	230.0	239.4	262.9	267.6
75°	253.5	272.3	460.1	1370.9	1896.7	1863.8	220.7	150.2	206.6	216.0	178.4
77.5°	145.5	159.6	291.1	859.1	784.0	643.2	154.9	89.2	164.3	140.8	93.9
80°	65.7	75.1	150.2	446.0	497.6	431.9	93.9	61.0	108.0	89.2	61.0
82.5°	23.5	28.2	65.7	169.0	281.7	234.7	42.3	37.6	79.8	61.0	37.6
85°	14.1	14.1	32.9	65.7	126.8	89.2	14.1	14.1	37.6	23.5	14.1
87.5°	0.0	0.0	4.7	4.7	4.7	4.7	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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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4	2070.4
2.5°	2061.0	2065.7	2028.1	1985.9	1943.6	1910.8	1887.3	1859.1	1849.7	1845.0	1826.3
5°	2079.8	2042.2	1943.6	1830.9	1694.8	1525.8	1380.3	1206.5	1075.1	1051.6	1051.6
7.5°	2098.5	2023.4	1854.4	1582.1	1154.9	779.3	572.8	497.6	446.0	431.9	431.9
10°	2122.0	2009.3	1704.2	1093.9	605.6	441.3	394.4	380.3	375.6	375.6	375.6
12.5°	2159.6	2009.3	1441.3	666.7	413.1	366.2	356.8	352.1	347.4	352.1	352.1
15°	2220.6	2000.0	1093.9	469.5	356.8	342.7	333.3	333.3	333.3	333.3	333.3
17.5°	2276.9	1934.2	816.9	375.6	328.6	319.2	314.5	314.5	319.2	319.2	319.2
20°	2323.9	1849.7	647.9	333.3	309.9	300.5	295.8	300.5	300.5	305.2	305.2
22.5°	2370.8	1769.9	502.3	309.9	291.1	281.7	281.7	286.4	291.1	295.8	291.1
25°	2389.6	1680.7	408.4	291.1	272.3	262.9	262.9	267.6	277.0	281.7	281.7
27.5°	2422.5	1591.5	352.1	272.3	253.5	248.8	253.5	258.2	267.6	272.3	272.3
30°	2478.8	1521.1	342.7	262.9	244.1	239.4	239.4	244.1	258.2	258.2	258.2
32.5°	2572.7	1535.2	356.8	267.6	244.1	230.0	225.3	230.0	244.1	248.8	248.8
35°	2690.1	1615.0	408.4	291.1	267.6	220.7	216.0	216.0	225.3	230.0	230.0
37.5°	2798.1	1723.0	497.6	338.0	286.4	216.0	201.9	197.2	201.9	206.6	206.6
40°	2901.3	1892.0	633.8	389.7	291.1	201.9	183.1	173.7	178.4	178.4	178.4
42.5°	2910.7	2042.2	826.3	417.8	272.3	183.1	164.3	154.9	154.9	150.2	154.9
45°	2859.1	2103.2	981.2	394.4	239.4	169.0	150.2	140.8	136.1	131.5	131.5
47.5°	2821.5	2107.9	1023.5	333.3	211.3	154.9	136.1	126.8	122.1	117.4	117.4
50°	2845.0	2070.4	877.9	286.4	192.5	145.5	126.8	112.7	108.0	103.3	103.3
52.5°	2943.6	2000.0	558.7	262.9	178.4	136.1	117.4	108.0	103.3	93.9	93.9
55°	3028.1	1882.6	338.0	244.1	169.0	126.8	108.0	98.6	93.9	89.2	89.2
57.5°	2934.2	1615.0	244.1	225.3	154.9	117.4	98.6	93.9	84.5	79.8	79.8
60°	2455.3	1000.0	197.2	201.9	131.5	108.0	89.2	84.5	75.1	70.4	70.4
62.5°	1615.0	474.2	159.6	173.7	108.0	98.6	84.5	75.1	65.7	56.3	56.3
65°	924.9	272.3	131.5	140.8	93.9	89.2	75.1	65.7	56.3	42.3	42.3
67.5°	*441.3*	*201.9*	*112.7*	*103.3*	*79.8*	*75.1*	*61.0*	*56.3*	*46.9*	*37.6*	*37.6*
70°	225.3	159.6	89.2	75.1	70.4	61.0	51.6	46.9	42.3	32.9	32.9
72.5°	187.8	131.5	75.1	56.3	51.6	42.3	42.3	37.6	32.9	28.2	28.2
75°	145.5	89.2	56.3	42.3	32.9	32.9	32.9	28.2	28.2	23.5	18.8
77.5°	79.8	65.7	42.3	23.5	18.8	23.5	23.5	23.5	18.8	14.1	14.1
80°	51.6	42.3	23.5	14.1	14.1	18.8	14.1	14.1	9.4	9.4	9.4
82.5°	28.2	23.5	14.1	4.7	4.7	9.4	4.7	9.4	9.4	4.7	4.7
85°	9.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	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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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

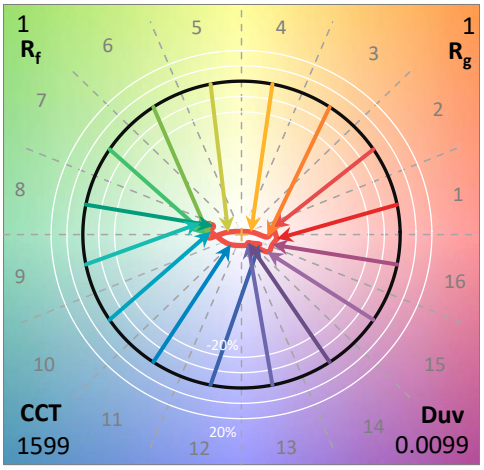
Test Information

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

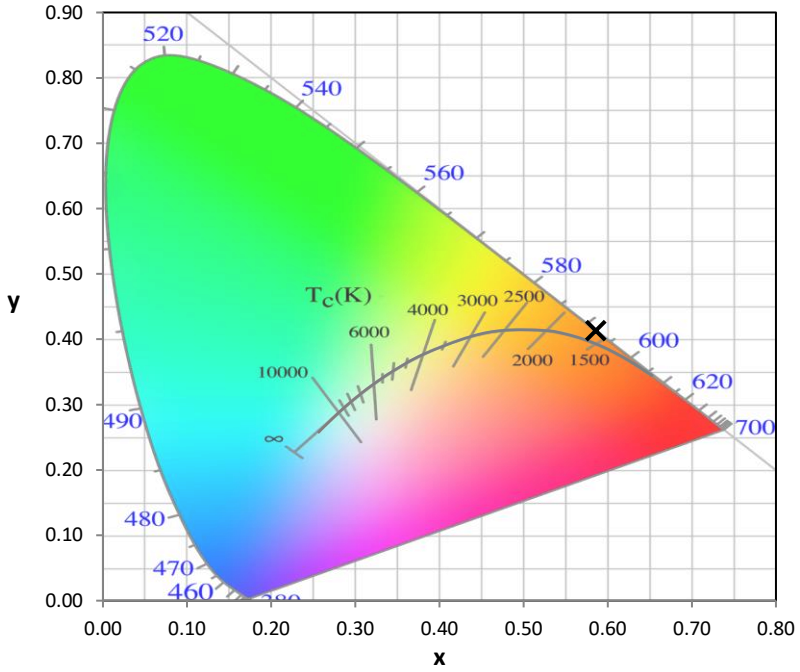
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

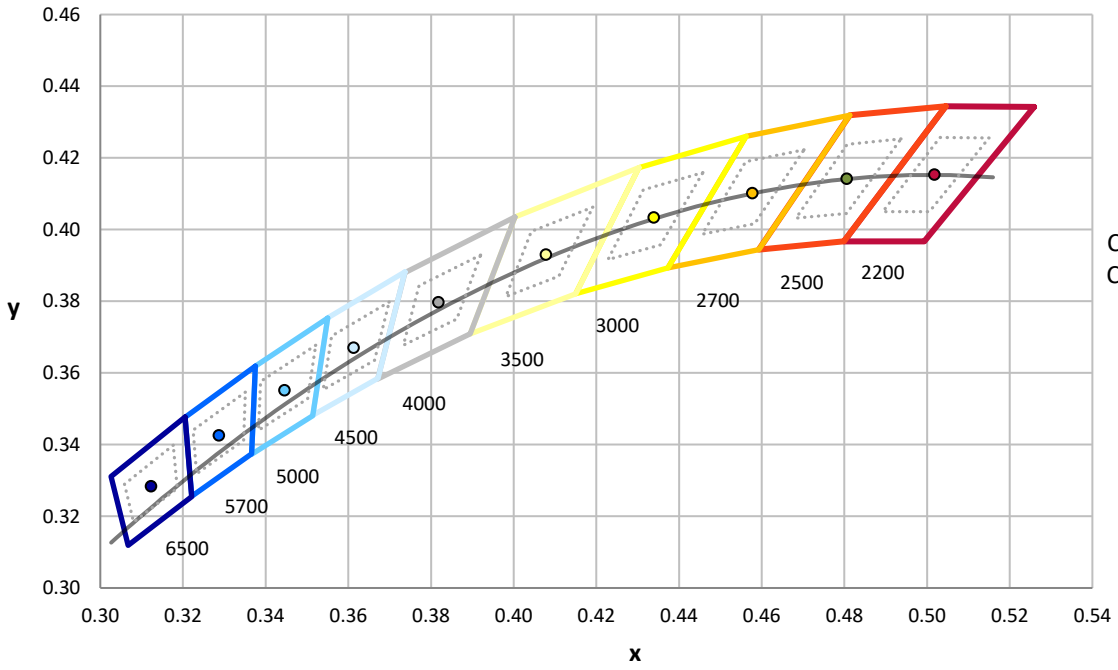
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

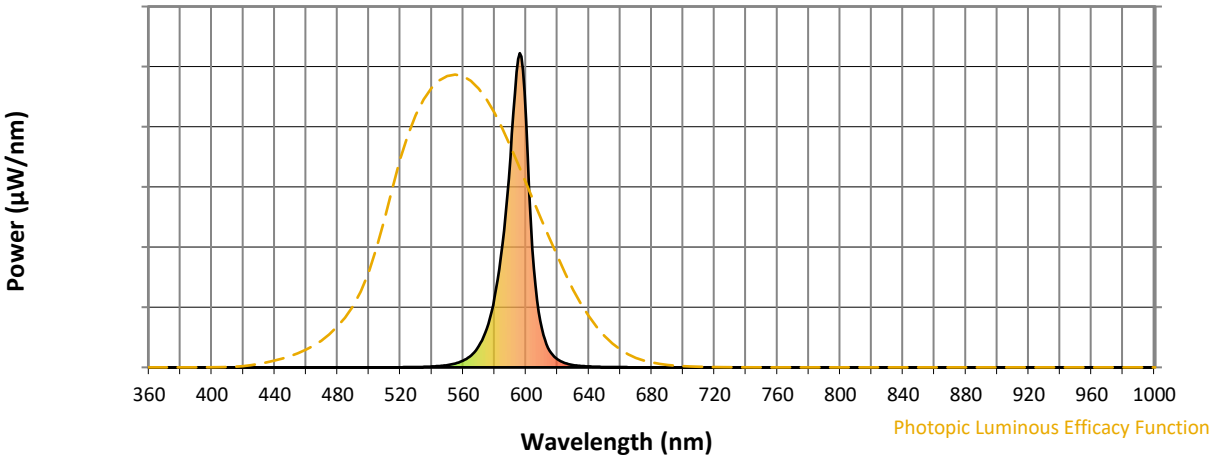


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

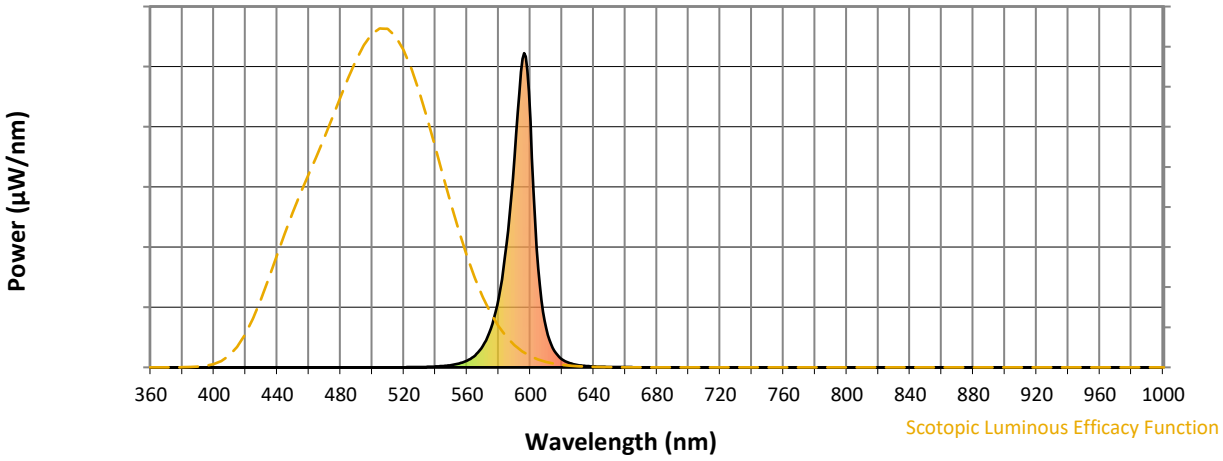


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

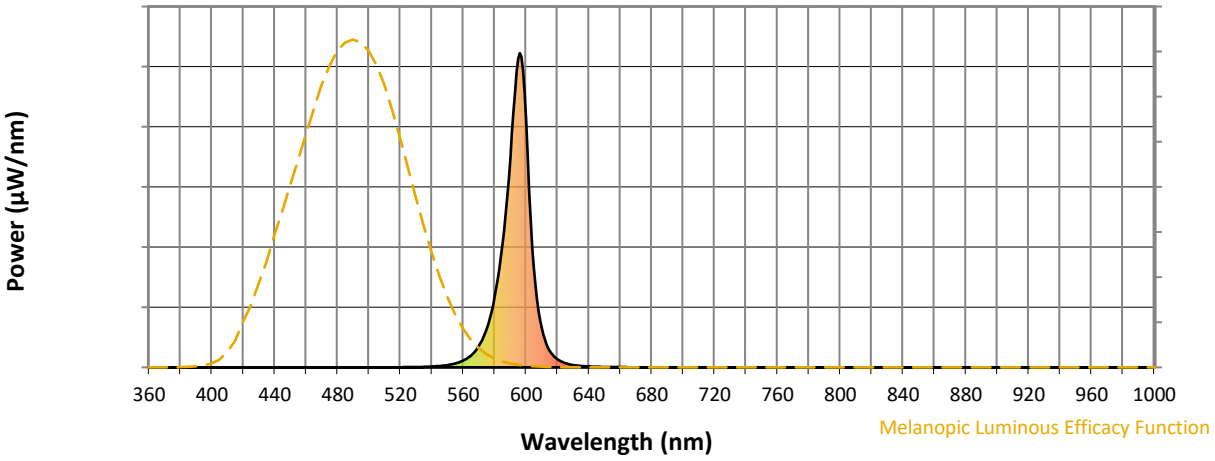


Scotopic Lumens: NR **S/P: 0.23**

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			

REPORT NUMBER: SP3-2509-541-1

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			

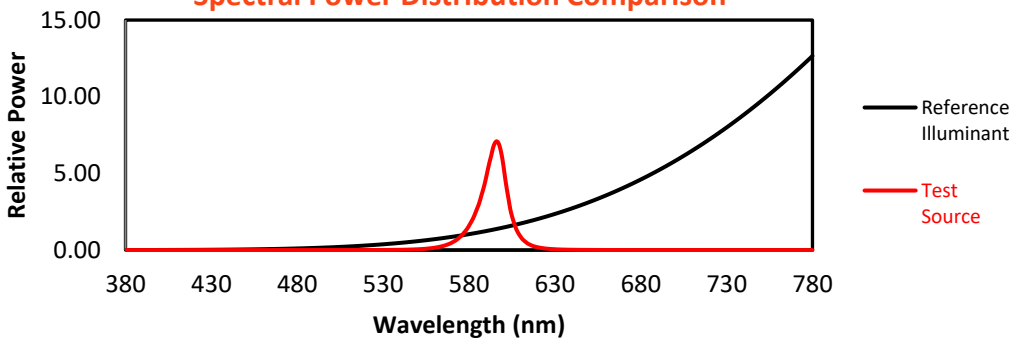
REPORT NUMBER: SP3-2509-541-1

TM-30-18

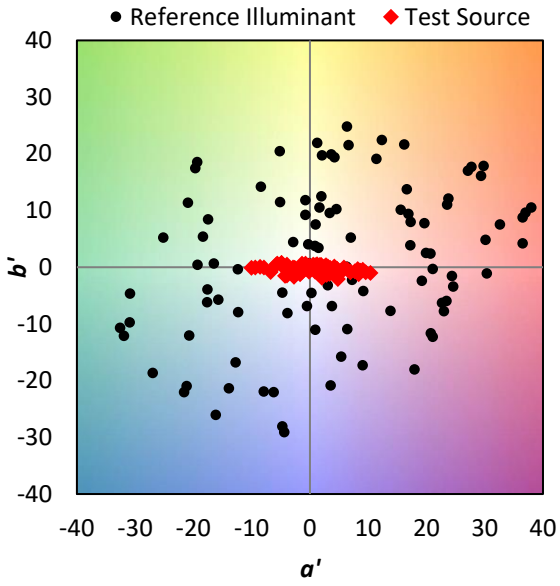
Summary

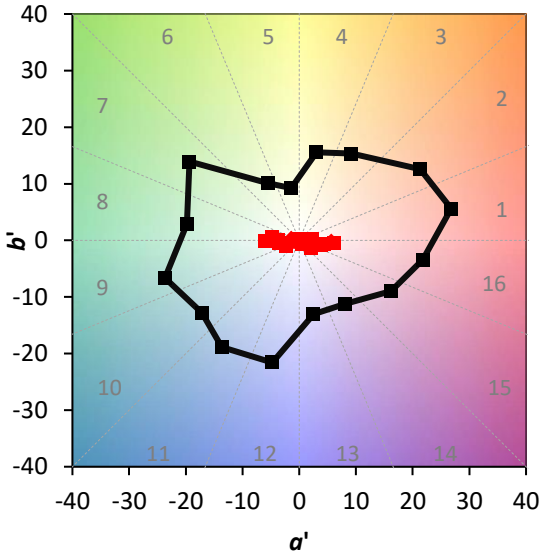
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

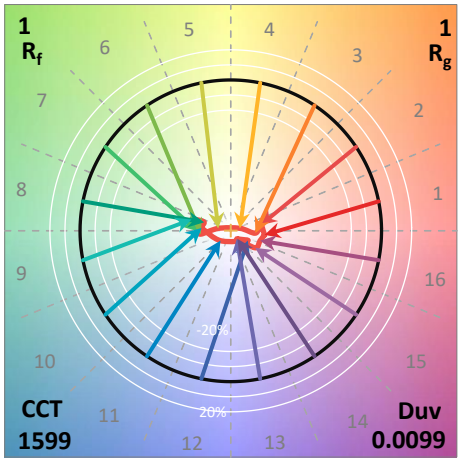
Spectral Power Distribution Comparison

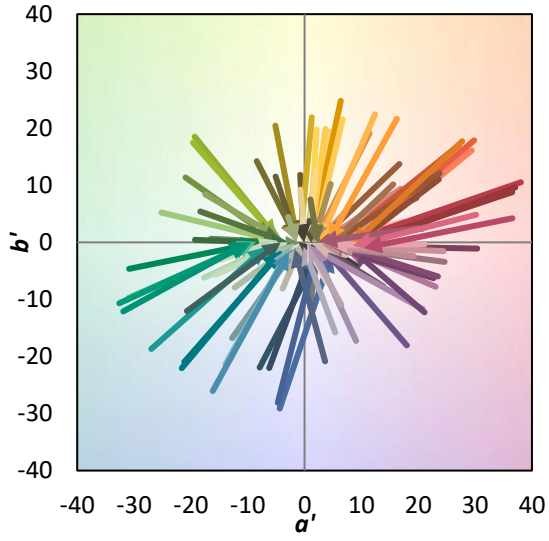


Color Vector Graphics







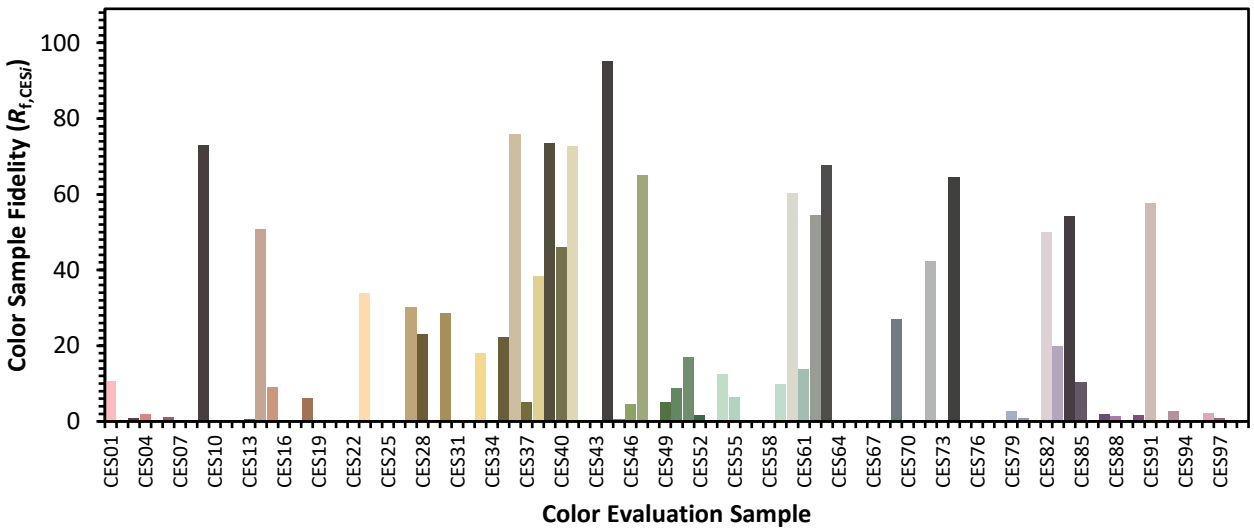


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

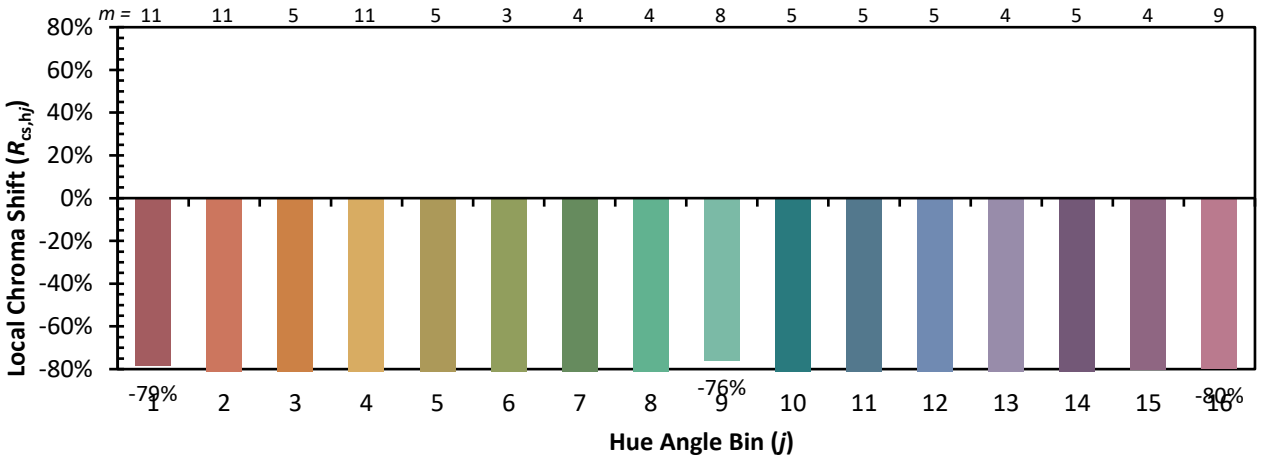
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

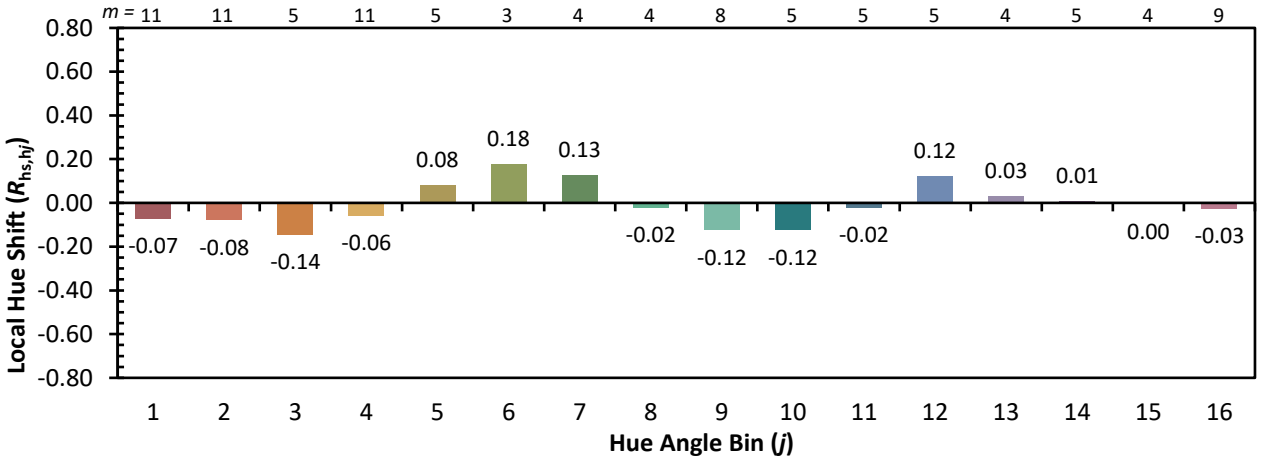


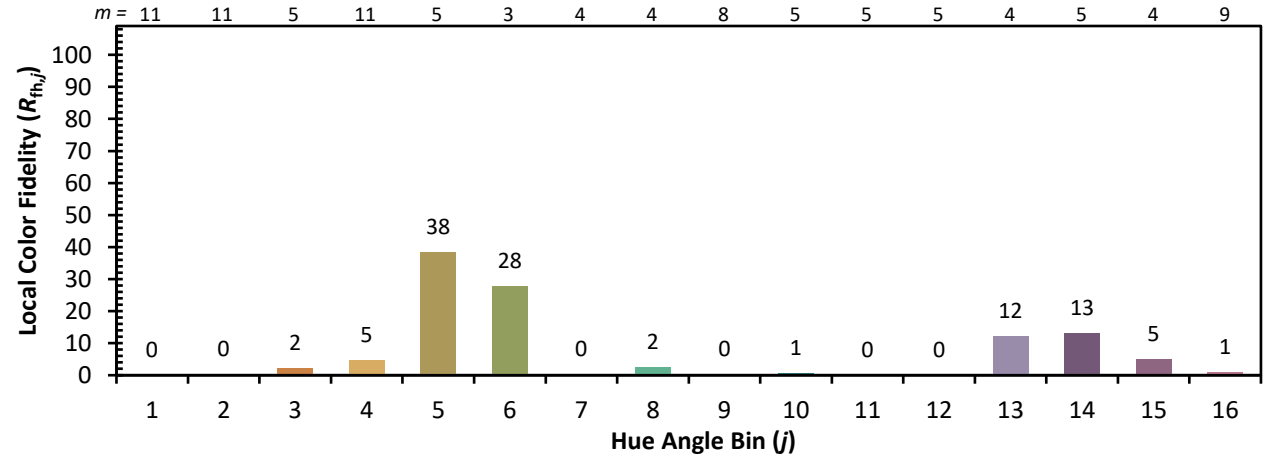
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



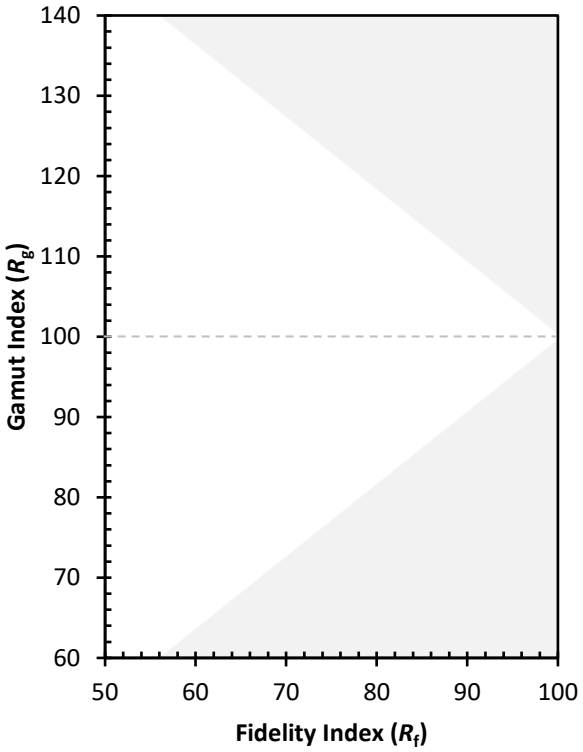


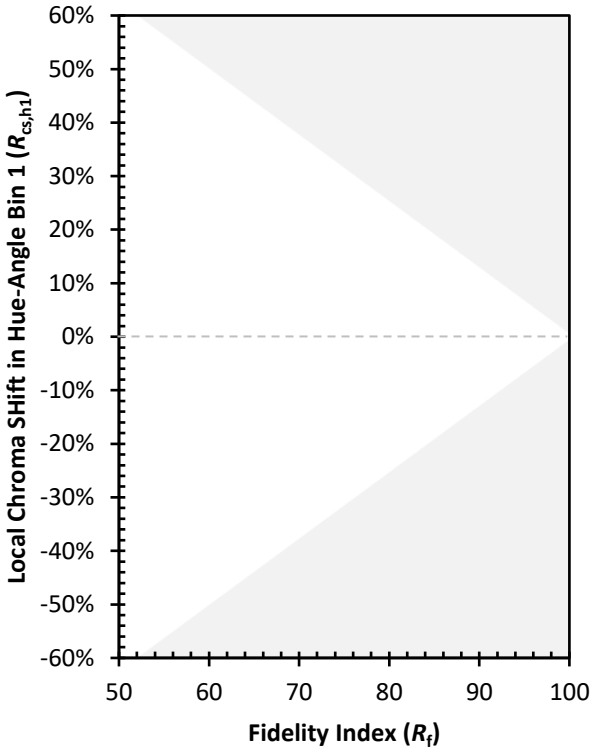


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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