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: P1704731

Luminaire Tested: GSS-SB4A-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:	P1704731
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-AMB-U-T2R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 ROADWAY DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8406.8 lumens
Efficiency:	N/A
Efficacy:	64.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	130.1
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

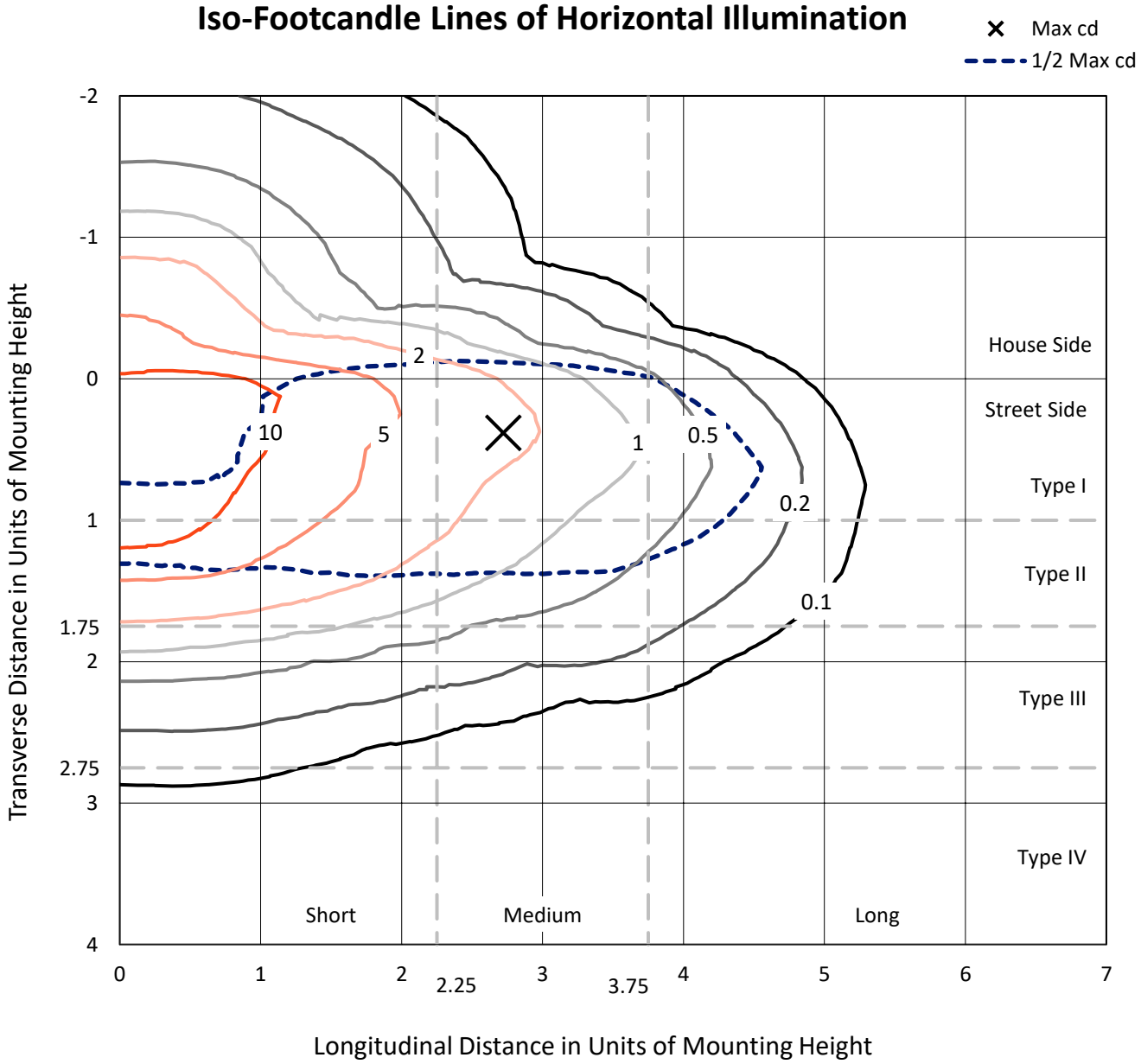


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



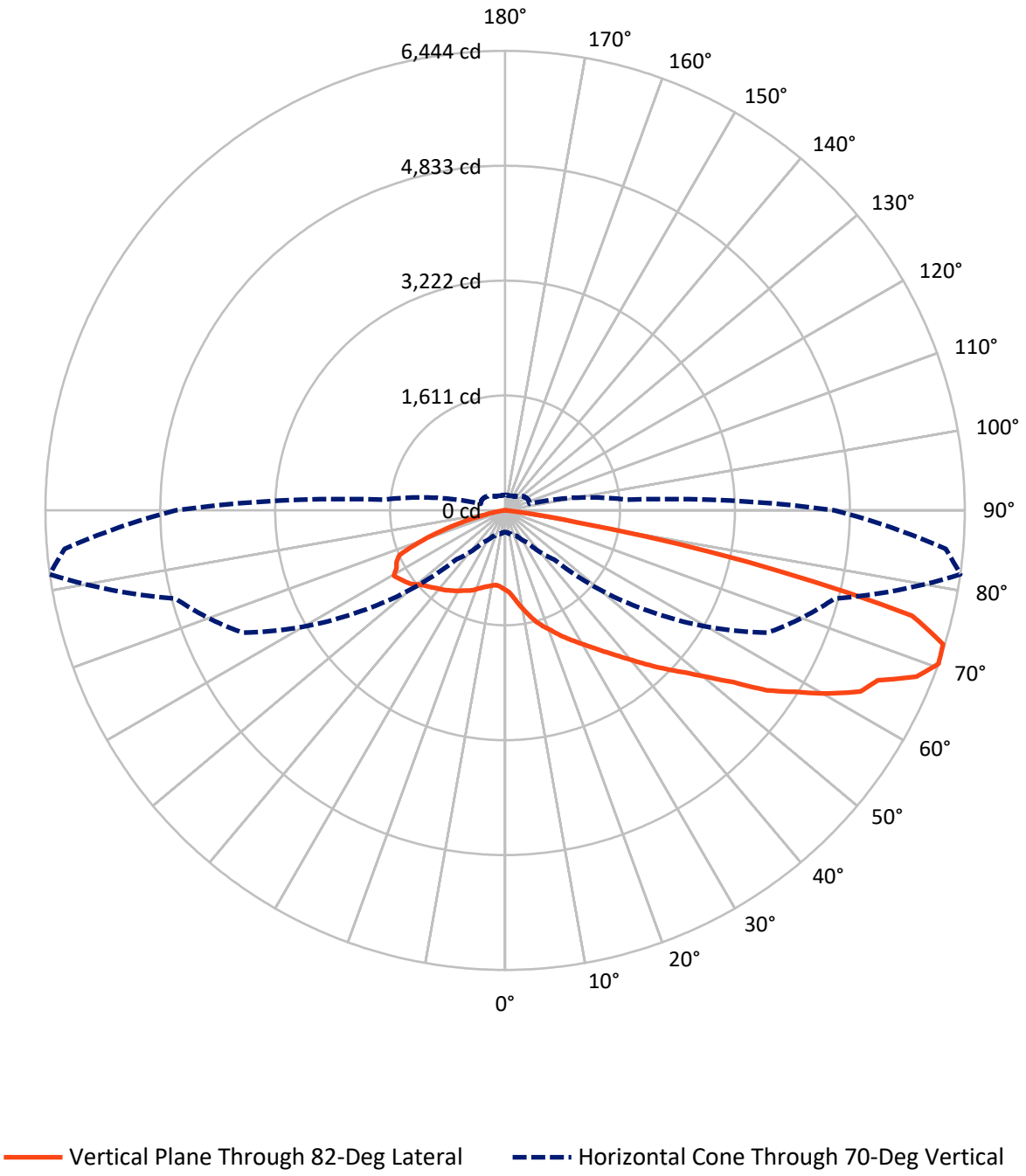
Based on 10 foot mounting height. Maximum calculated value = 17.9 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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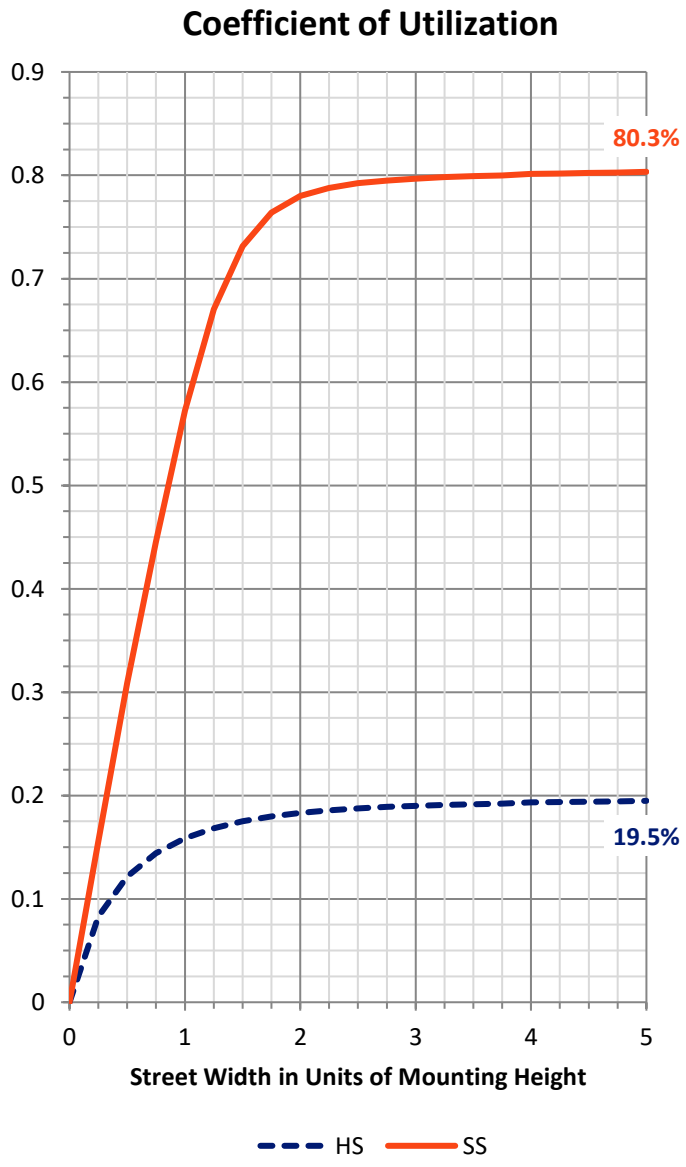
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1651.0	0.0	1651.0
	% Fixture	19.6	0.0	19.6
Street Side	Lumens	6755.8	0.0	6755.8
	% Fixture	80.4	0.0	80.4
Total	Lumens	8406.8	0.0	8406.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	1.3
10°-20°	380.8	4.5
20°-30°	662.6	7.9
30°-40°	1066.1	12.7
40°-50°	1606.8	19.1
50°-60°	1900.1	22.6
60°-70°	1683.7	20.0
70°-80°	923.5	11.0
80°-90°	69.7	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°	8406.8	100.0
0°-180°	8406.8	100.0



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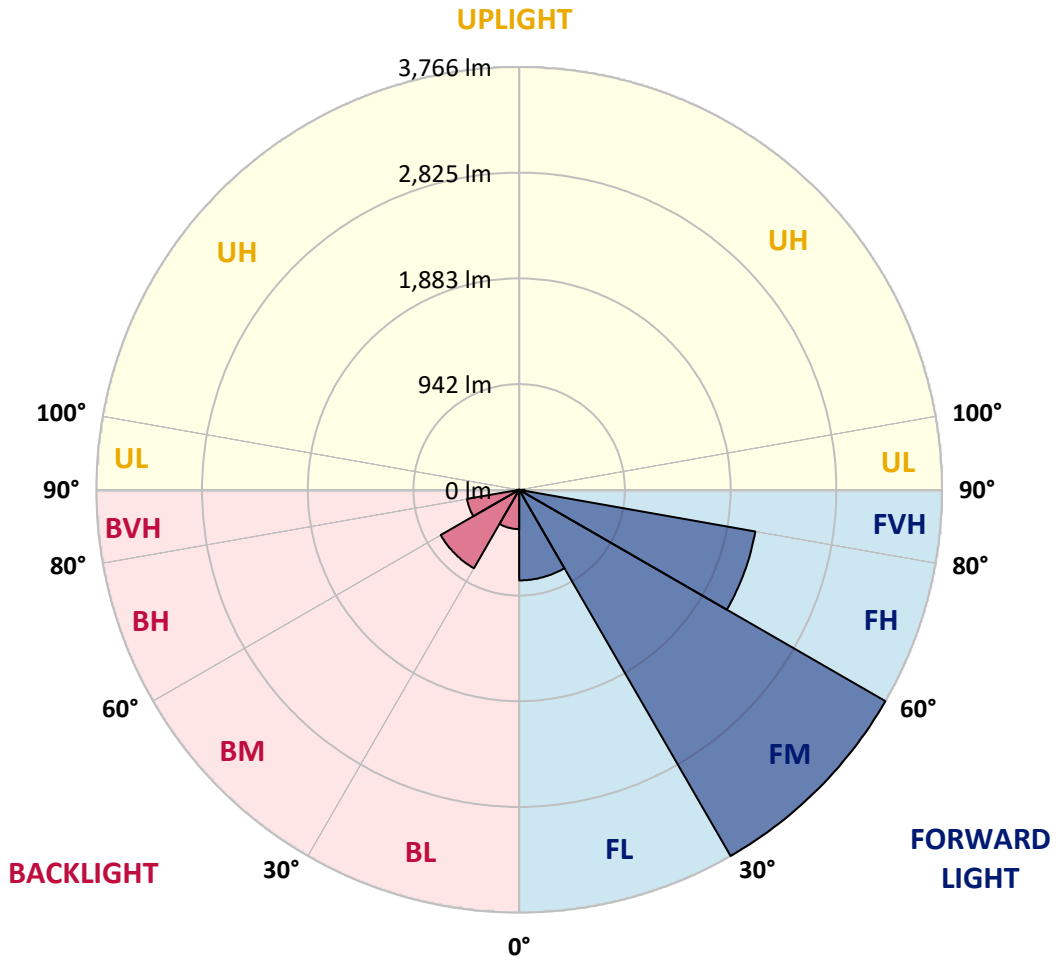
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	806.6	9.6			
FM	(30°-60°)	3766.0	44.8			
FH	(60°-80°)	2135.7	25.4			G2/5000
FVH	(80°-90°)	47.5	0.6			G1/100
BL	(0°-30°)	350.3	4.2	B1/500		
BM	(30°-60°)	807.0	9.6	B1/1000		
BH	(60°-80°)	471.5	5.6	B1/500		G1/500
BVH	(80°-90°)	22.2	0.3			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	*1116.1*	1116.1
2.5°	1352.8	1356.7	1344.9	1337.0	1317.3	1281.8	1266.0	1222.6	1183.2	*1151.6*	1139.8
5°	1601.2	1581.5	1569.7	1553.9	1534.2	1494.7	1439.5	1368.5	1297.6	*1222.6*	1195.0
7.5°	1743.2	1739.3	1747.2	1731.4	1711.7	1664.3	1605.2	1522.4	1408.0	*1313.3*	1262.1
10°	1810.3	1810.3	1830.0	1837.9	1841.8	1822.1	1762.9	1676.2	1538.1	*1411.9*	1340.9
12.5°	1790.5	1782.7	1822.1	1861.5	1912.8	1932.5	1920.7	1830.0	1656.4	*1510.5*	1439.5
15°	1703.8	1707.7	1751.1	1826.0	1920.7	1999.6	2035.1	1964.1	1782.7	*1617.0*	1526.3
17.5°	1664.3	1656.4	1699.8	1778.7	1897.0	2019.3	2106.1	2086.3	1901.0	*1703.8*	1605.2
20°	1688.0	1688.0	1707.7	1774.8	1885.2	2023.2	2149.4	2173.1	1999.6	*1782.7*	1688.0
22.5°	1755.0	1751.1	1766.9	1802.4	1897.0	2046.9	2192.8	2259.9	2102.1	*1881.3*	1766.9
25°	1881.3	1873.4	1865.5	1869.4	1948.3	2098.2	2248.0	2334.8	2204.7	*1979.9*	1861.5
27.5°	2023.2	2003.5	1975.9	1968.0	2015.3	2165.2	2323.0	2405.8	2291.4	*2078.4*	1960.1
30°	2196.8	2177.0	2121.8	2086.3	2113.9	2240.1	2437.3	2500.4	2405.8	*2184.9*	2054.8
32.5°	2488.6	2441.3	2330.9	2248.0	2232.3	2334.8	2535.9	2610.9	2512.3	*2303.3*	2192.8
35°	2961.9	2926.4	2764.7	2512.3	2370.3	2425.5	2662.1	2737.1	2622.7	*2441.3*	2334.8
37.5°	3419.4	3399.7	3218.2	2887.0	2606.9	2535.9	2760.7	2859.3	2713.4	*2591.2*	2496.5
40°	3794.1	3754.6	3585.0	3316.8	2961.9	2701.6	2890.9	3009.2	2847.5	*2768.6*	2670.0
42.5°	4026.7	4003.1	3845.3	3624.5	3281.3	2950.1	3013.2	3151.2	2965.8	*2965.8*	2875.1
45°	4137.2	4093.8	3987.3	3809.8	3541.6	3214.3	3151.2	3312.9	3131.5	*3174.9*	3084.2
47.5°	4082.0	4066.2	4007.0	3912.4	3691.5	3431.2	3328.7	3474.6	3301.1	*3395.7*	3336.6
50°	3892.7	3888.7	3908.4	3916.3	3754.6	3589.0	3537.7	3644.2	3466.7	*3671.8*	3616.6
52.5°	3261.6	3261.6	3663.9	3821.7	3782.2	3675.7	3727.0	3837.4	3667.9	*3999.1*	3951.8
55°	2508.3	2532.0	2851.5	3537.7	3723.1	3715.2	3861.1	4089.9	3963.6	*4452.7*	4365.9
57.5°	2106.1	2117.9	2252.0	2906.7	3498.3	3707.3	3975.5	4283.1	4129.3	*4799.8*	4768.2
60°	1490.8	1490.8	1672.2	2188.9	2910.6	3608.7	4085.9	4535.5	4350.2	*5213.9*	5178.4
62.5°	1017.5	1025.4	1143.7	1502.6	2255.9	3285.3	4082.0	4740.6	4535.5	*5592.5*	5529.4
65°	638.9	654.7	753.3	978.1	1459.3	2610.9	3943.9	4614.4	4519.7	*5742.4*	5687.1
67.5°	406.2	410.2	481.2	615.3	922.9	1830.0	3245.9	4358.0	4689.3	*6219.6*	6172.2
70°	*303.7*	*311.6*	*347.1*	*398.3*	*556.1*	*978.1*	*2461.0*	*4058.3*	*4780.0*	*6444.4*	*6199.9*
72.5°	228.7	236.6	264.2	295.8	355.0	591.6	1317.3	3368.1	4713.0	*6420.7*	6002.7
75°	185.4	193.3	216.9	232.7	232.7	366.8	765.1	2603.0	4350.2	*5892.2*	5233.6
77.5°	142.0	153.8	177.5	185.4	181.4	264.2	425.9	1344.9	2808.1	*3470.7*	2863.3
80°	98.6	102.5	130.1	138.0	149.9	193.3	209.0	347.1	1112.2	*1017.5*	757.2
82.5°	43.4	51.3	86.8	86.8	106.5	86.8	110.4	157.8	323.4	*189.3*	118.3
85°	11.8	11.8	27.6	39.4	39.4	31.6	47.3	55.2	67.0	*43.4*	35.5
87.5°	3.9	3.9	3.9	3.9	3.9	7.9	7.9	11.8	15.8	*19.7*	15.8
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: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1	1116.1
2.5°	1116.1	1100.4	1060.9	1009.6	982.0	946.5	922.9	883.4	891.3	887.4	871.6
5°	1151.6	1092.5	993.9	895.3	824.3	773.0	749.3	729.6	717.8	717.8	713.9
7.5°	1183.2	1100.4	950.5	828.2	761.2	729.6	713.9	717.8	721.7	717.8	721.7
10°	1242.3	1128.0	922.9	800.6	749.3	745.4	745.4	757.2	757.2	769.1	765.1
12.5°	1305.4	1159.5	915.0	800.6	773.0	777.0	784.8	792.7	800.6	804.6	796.7
15°	1364.6	1187.1	918.9	812.4	796.7	804.6	808.5	808.5	816.4	808.5	812.4
17.5°	1423.8	1226.6	926.8	828.2	812.4	812.4	800.6	792.7	784.8	777.0	773.0
20°	1490.8	1262.1	938.7	836.1	812.4	788.8	769.1	753.3	745.4	733.6	733.6
22.5°	1557.9	1317.3	950.5	828.2	780.9	757.2	729.6	709.9	690.2	678.4	670.5
25°	1628.8	1360.7	946.5	812.4	761.2	721.7	690.2	666.5	646.8	635.0	635.0
27.5°	1715.6	1400.1	934.7	784.8	737.5	702.0	666.5	642.9	619.2	607.4	603.4
30°	1806.3	1455.3	926.8	769.1	729.6	682.3	642.9	615.3	591.6	579.8	579.8
32.5°	1908.9	1506.6	915.0	761.2	706.0	658.6	623.1	595.5	579.8	567.9	567.9
35°	2023.2	1561.8	895.3	745.4	686.2	635.0	611.3	579.8	567.9	560.0	556.1
37.5°	2157.3	1624.9	871.6	721.7	650.7	619.2	583.7	556.1	532.4	516.7	516.7
40°	2287.5	1684.1	836.1	690.2	631.0	587.6	560.0	528.5	496.9	465.4	461.4
42.5°	2461.0	1747.2	800.6	646.8	599.5	548.2	544.3	500.9	449.6	425.9	422.0
45°	2626.7	1822.1	769.1	615.3	552.1	512.7	536.4	485.1	433.8	410.2	410.2
47.5°	2796.2	1897.0	721.7	583.7	485.1	485.1	500.9	461.4	425.9	394.4	394.4
50°	3036.8	1995.6	674.4	536.4	449.6	469.3	465.4	433.8	394.4	370.7	366.8
52.5°	3328.7	2125.8	623.1	481.2	425.9	457.5	433.8	406.2	366.8	347.1	339.2
55°	3652.1	2204.7	587.6	425.9	414.1	425.9	410.2	382.6	351.0	323.4	319.5
57.5°	3975.5	2275.6	560.0	402.3	410.2	398.3	382.6	355.0	323.4	303.7	295.8
60°	4306.8	2358.5	528.5	398.3	402.3	382.6	358.9	331.3	303.7	291.9	291.9
62.5°	4460.6	2255.9	481.2	390.4	398.3	362.8	331.3	307.6	284.0	280.0	280.0
65°	4590.7	2224.4	433.8	386.5	382.6	343.1	303.7	280.0	264.2	260.3	260.3
67.5°	4870.7	2129.7	394.4	370.7	358.9	319.5	272.1	256.4	236.6	236.6	236.6
70°	*4614.4*	*1707.7*	*355.0*	*358.9*	*331.3*	*287.9*	*236.6*	*224.8*	*213.0*	*216.9*	*216.9*
72.5°	4259.4	1242.3	295.8	323.4	303.7	228.7	209.0	197.2	189.3	197.2	193.3
75°	3372.1	816.4	216.9	268.2	232.7	205.1	177.5	169.6	161.7	165.6	161.7
77.5°	1569.7	410.2	142.0	177.5	197.2	185.4	145.9	134.1	130.1	138.0	138.0
80°	516.7	216.9	90.7	90.7	122.3	149.9	110.4	98.6	122.3	142.0	110.4
82.5°	142.0	82.8	55.2	55.2	55.2	86.8	74.9	59.2	51.3	59.2	59.2
85°	39.4	31.6	27.6	23.7	19.7	31.6	31.6	19.7	19.7	19.7	19.7
87.5°	15.8	15.8	11.8	7.9	3.9	3.9	3.9	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

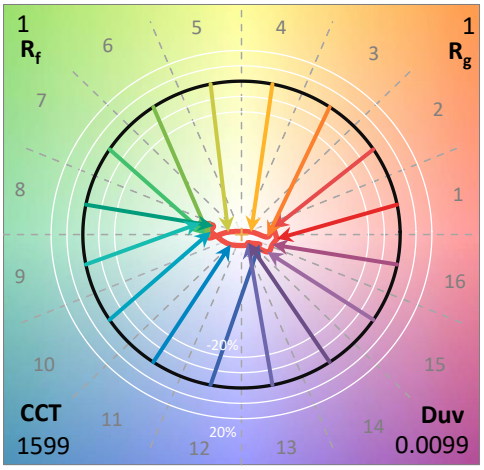
Test Information

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

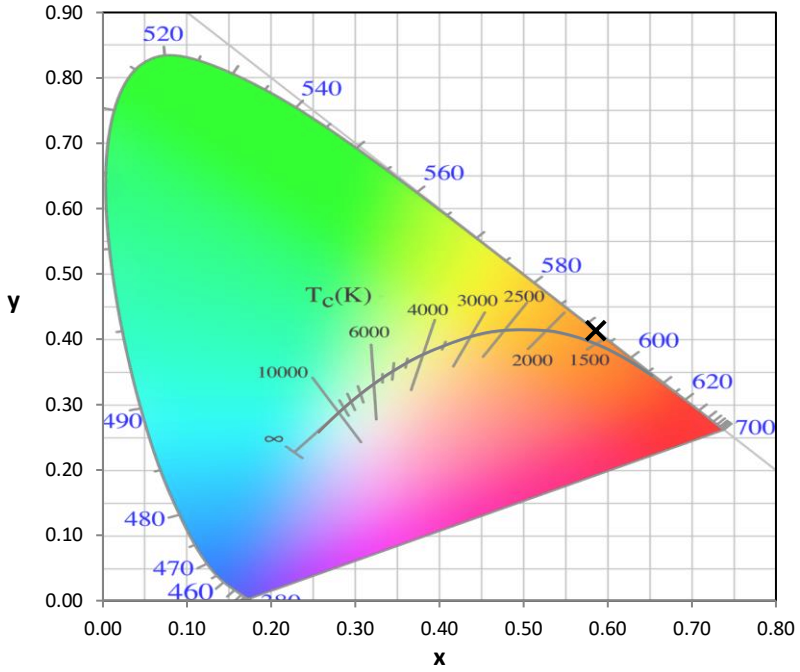
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

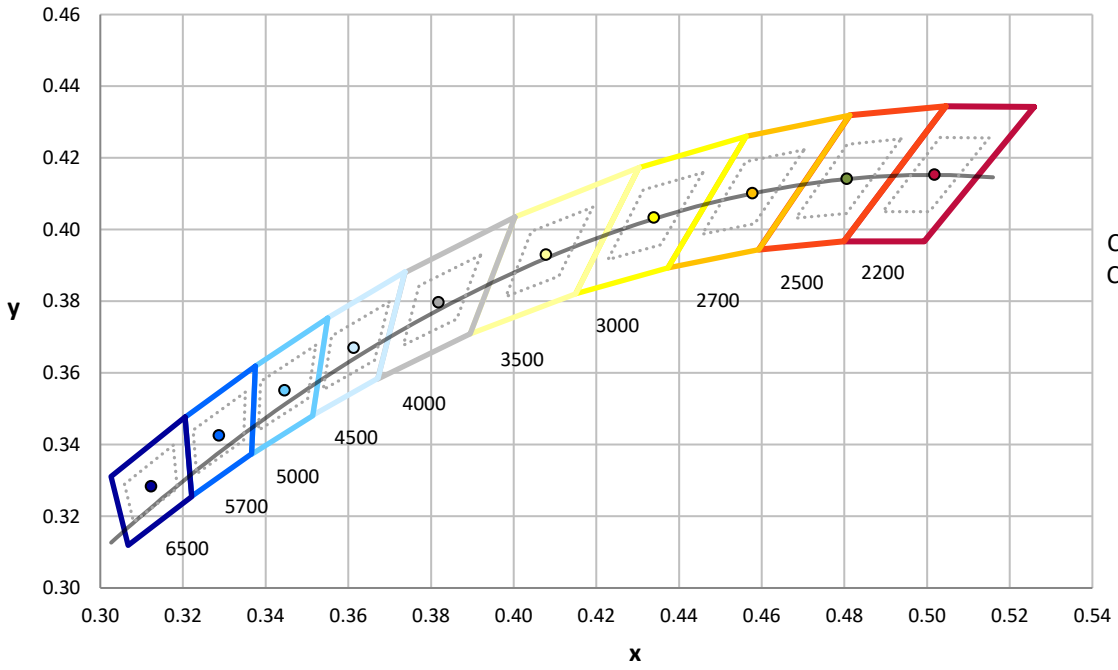
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

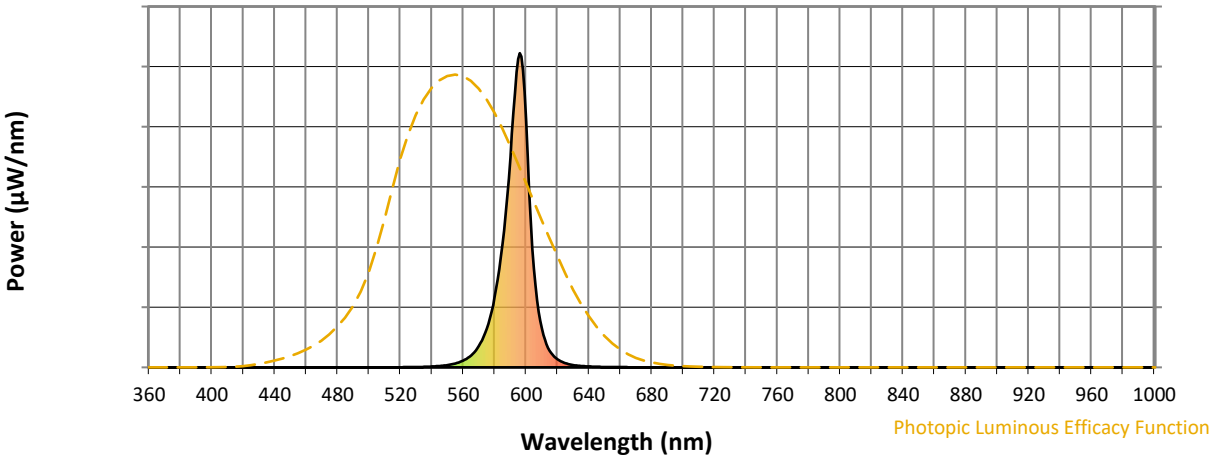


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

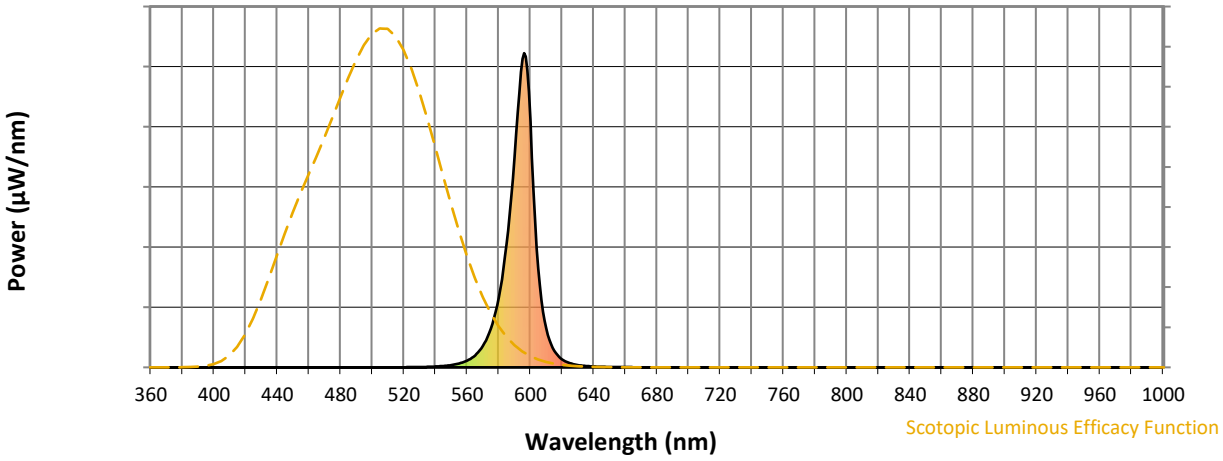


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

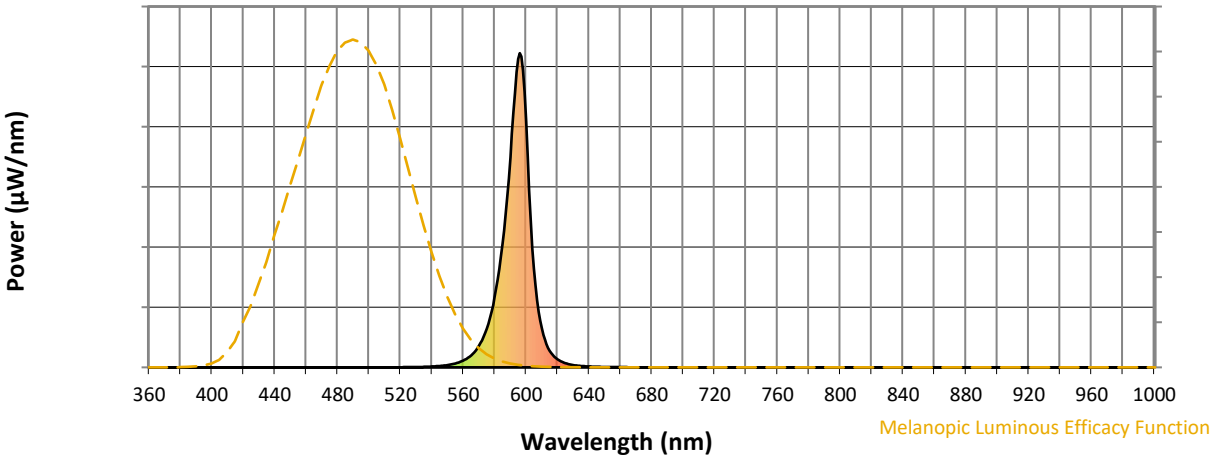


Scotopic Lumens: NR **S/P: 0.23**

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			

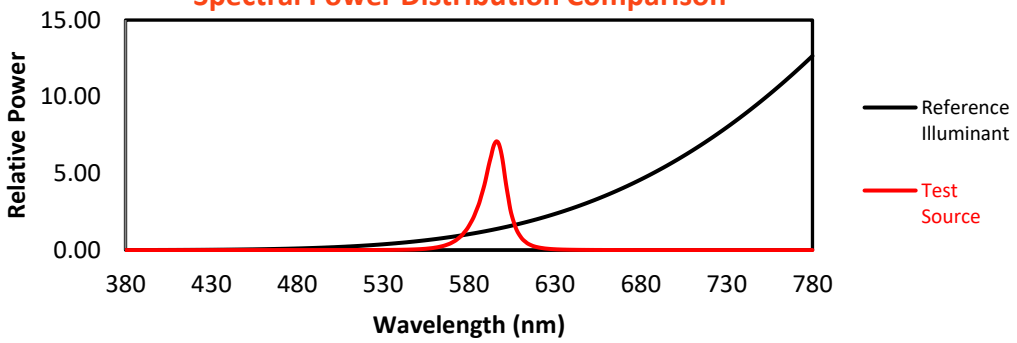
REPORT NUMBER: SP3-2509-541-1

TM-30-18

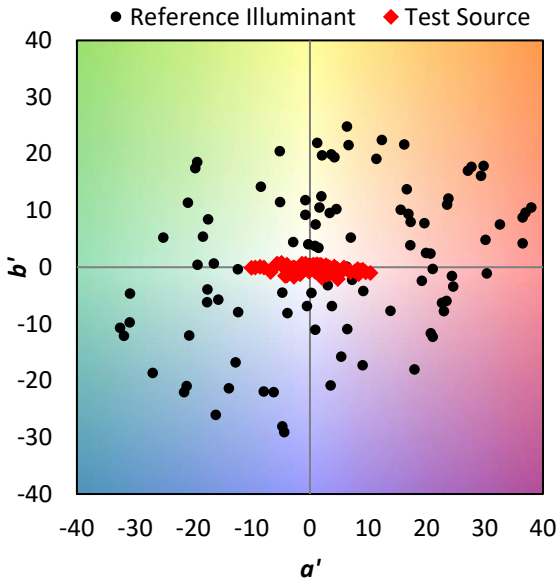
Summary

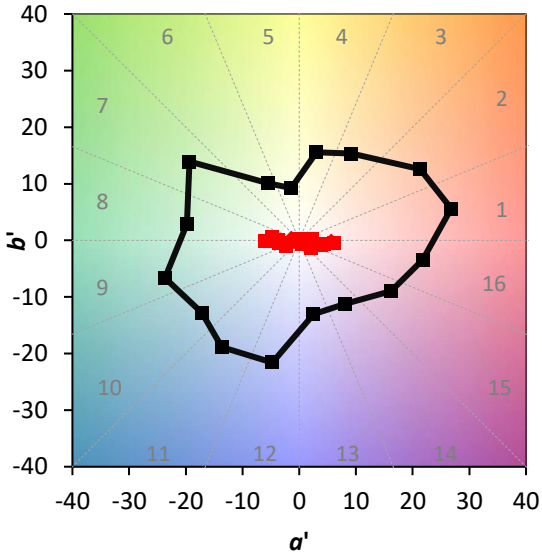
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

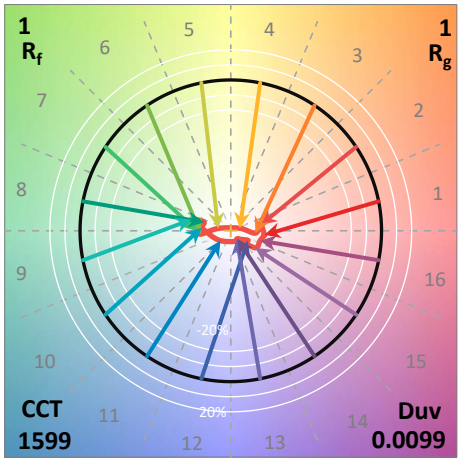
Spectral Power Distribution Comparison

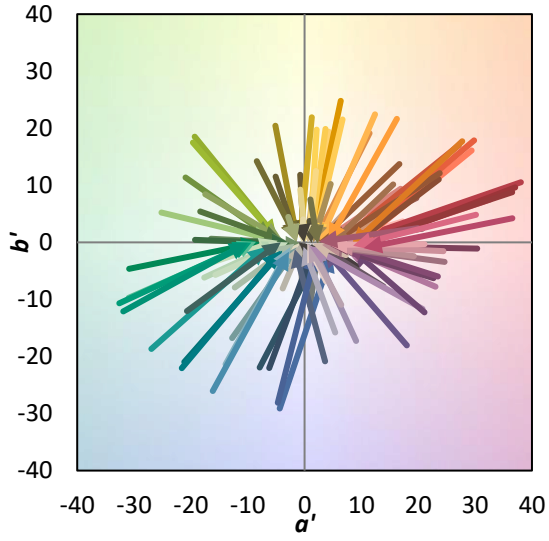


Color Vector Graphics







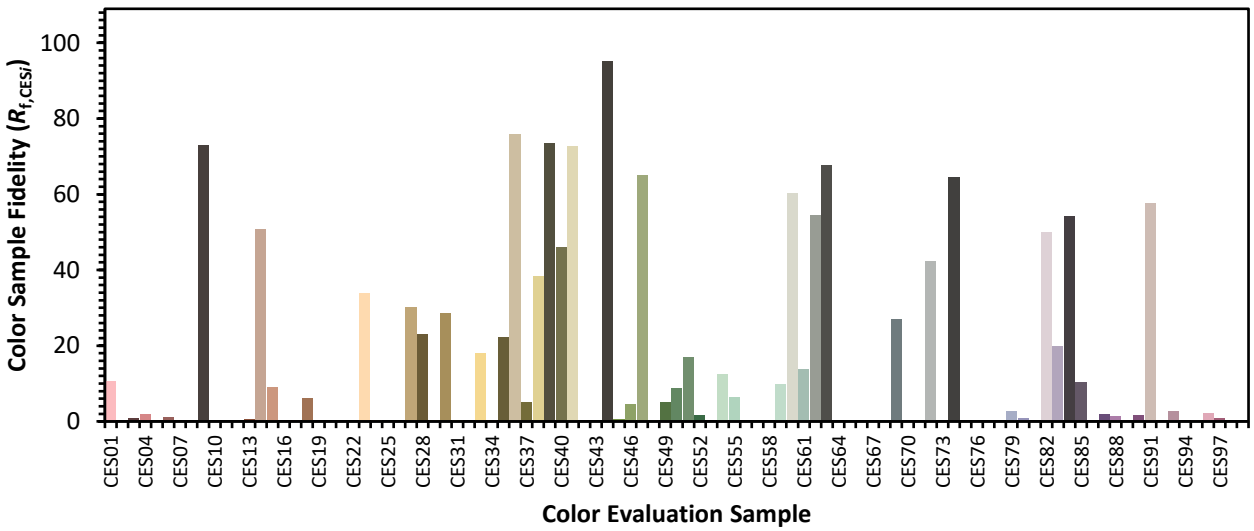


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

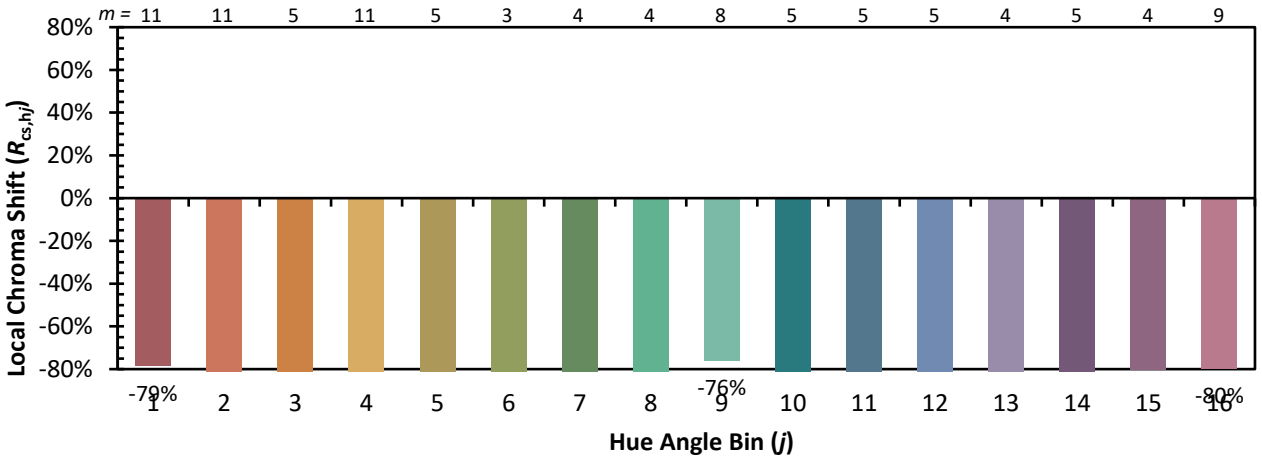
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

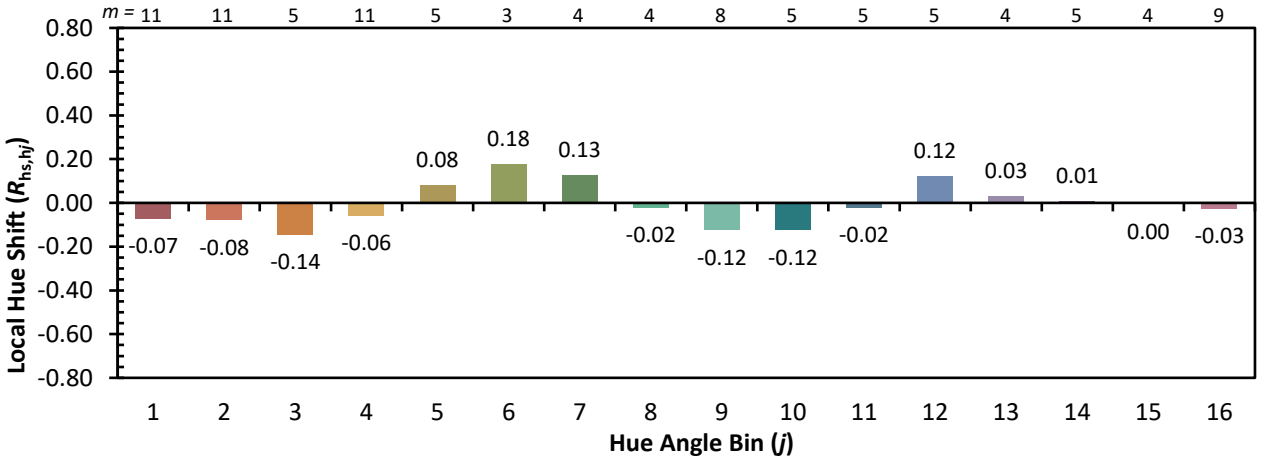


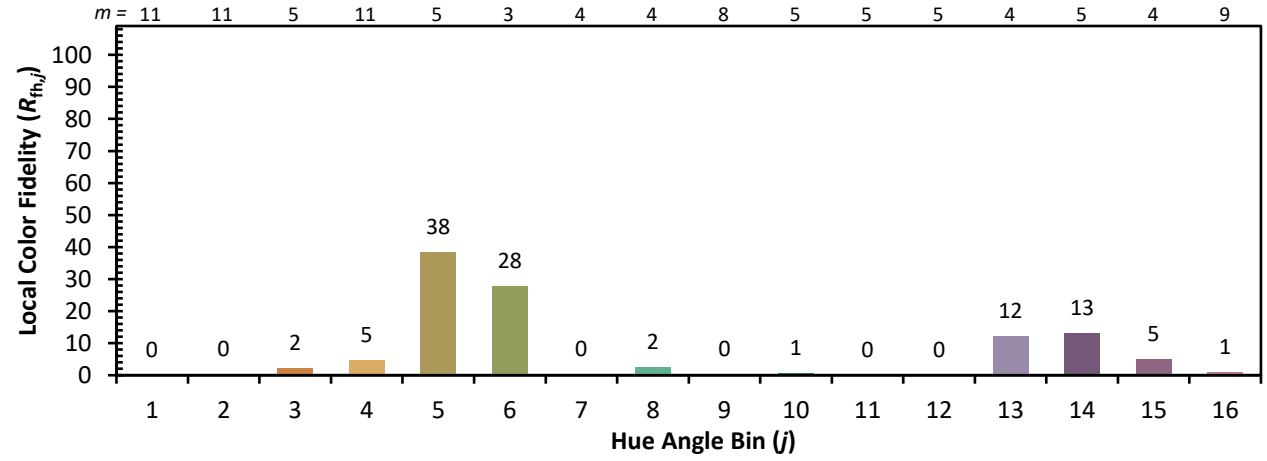
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



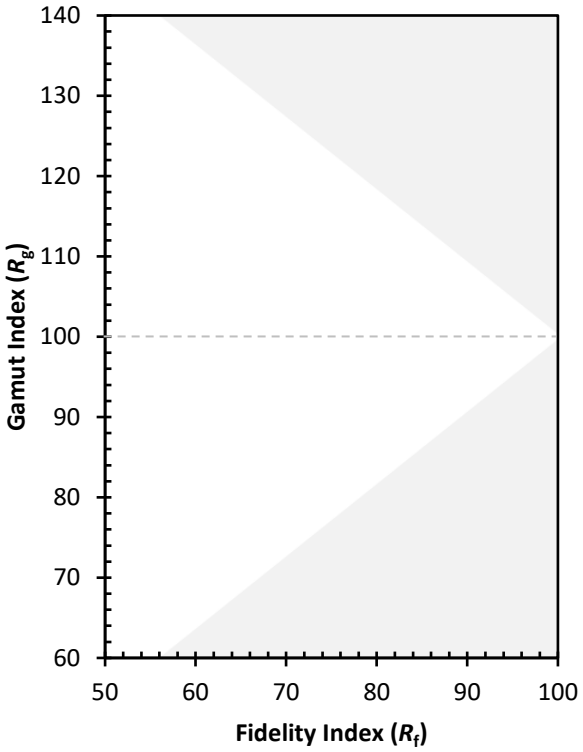


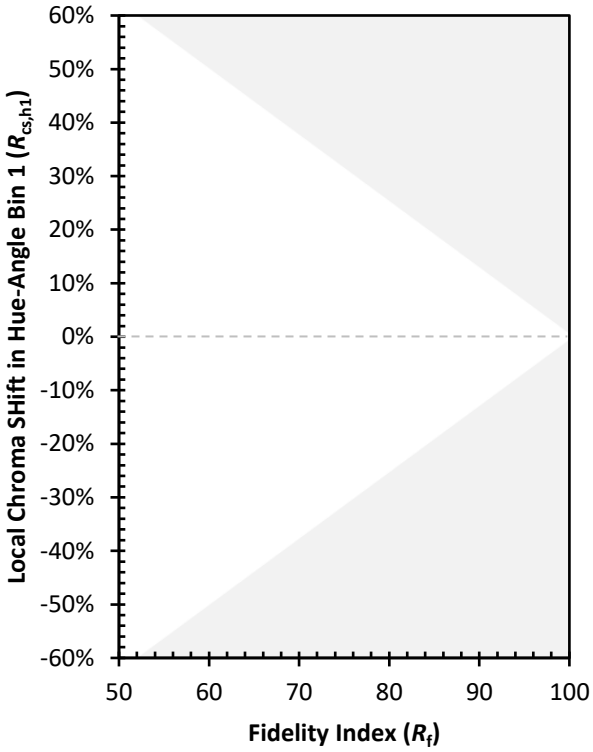


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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