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-T2-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:	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-T2-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6881.8 lumens
Efficiency:	N/A
Efficacy:	52.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B2 - 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

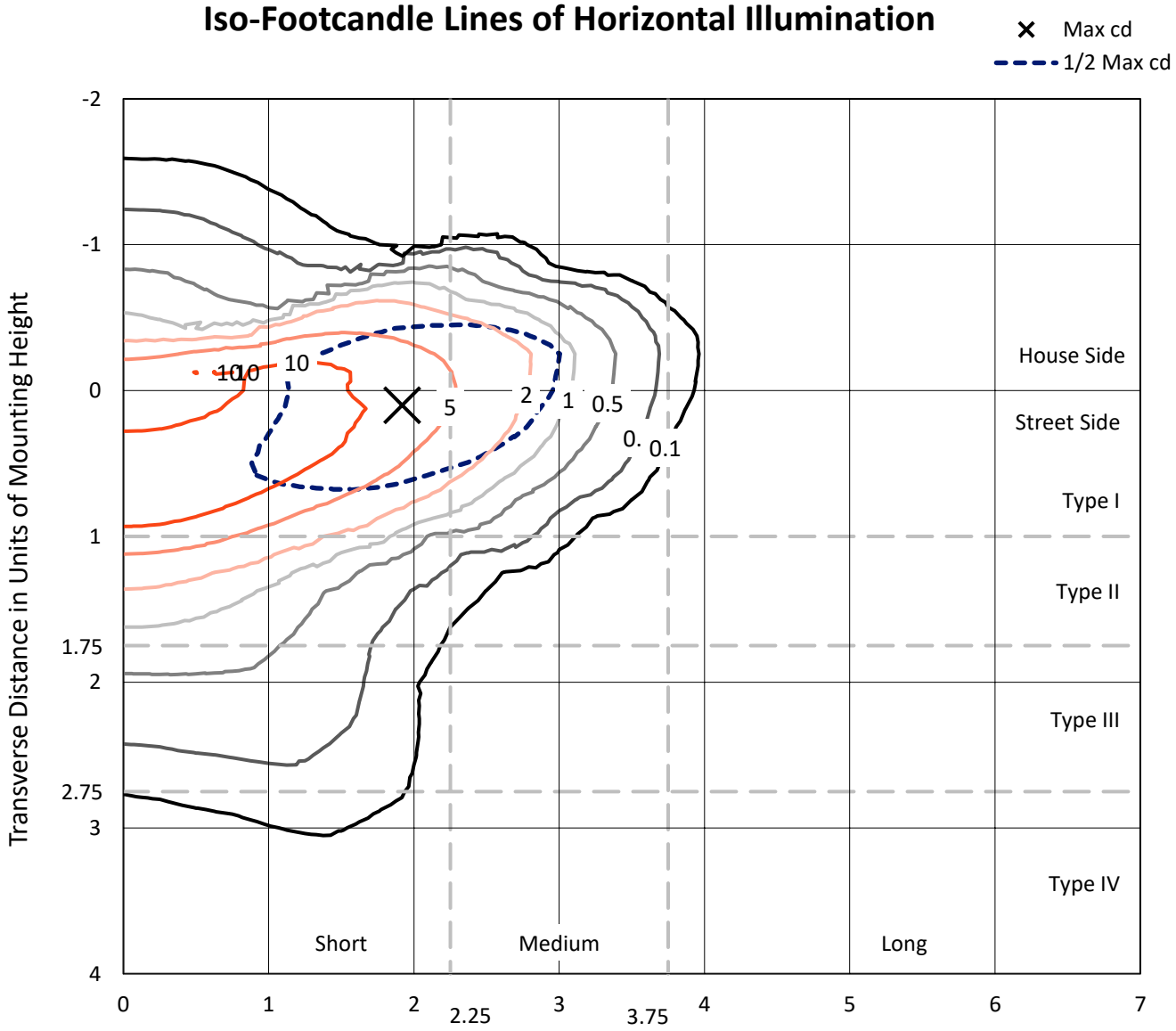


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



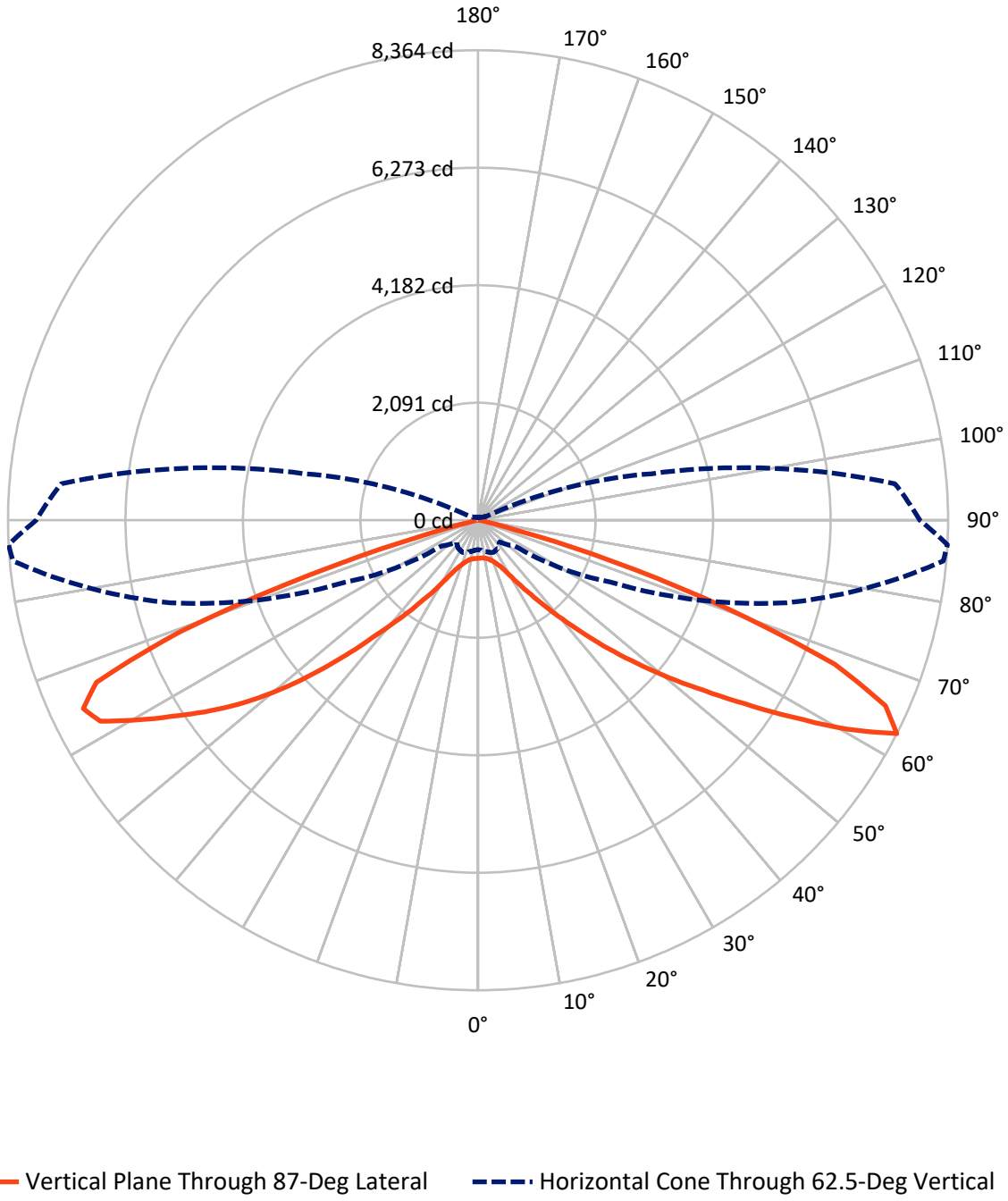
Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
Type I - Short - N/A

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Luminous Intensity Polar Plot



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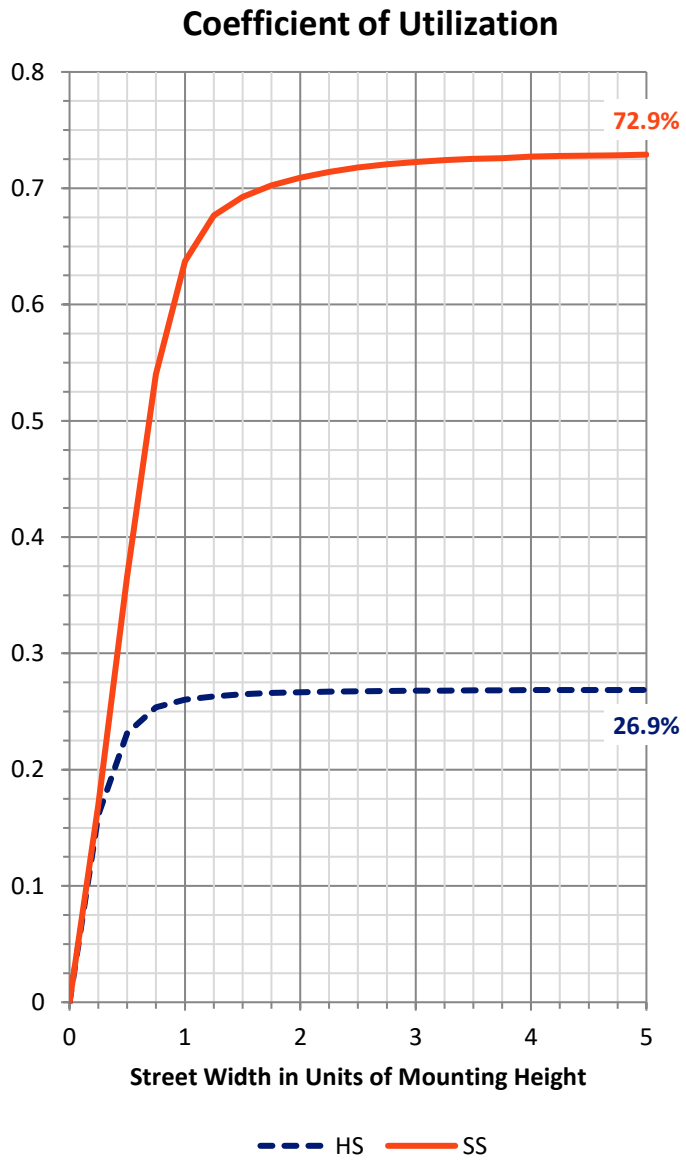
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1869.0	0.0	1869.0
	% Fixture	27.2	0.0	27.2
Street Side	Lumens	5012.8	0.0	5012.8
	% Fixture	72.8	0.0	72.8
Total	Lumens	6881.8	0.0	6881.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	1.0
10°-20°	222.9	3.2
20°-30°	529.4	7.7
30°-40°	1043.7	15.2
40°-50°	1507.2	21.9
50°-60°	1716.3	24.9
60°-70°	1453.4	21.1
70°-80°	320.3	4.7
80°-90°	19.6	0.3
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°	6881.8	100.0
0°-180°	6881.8	100.0



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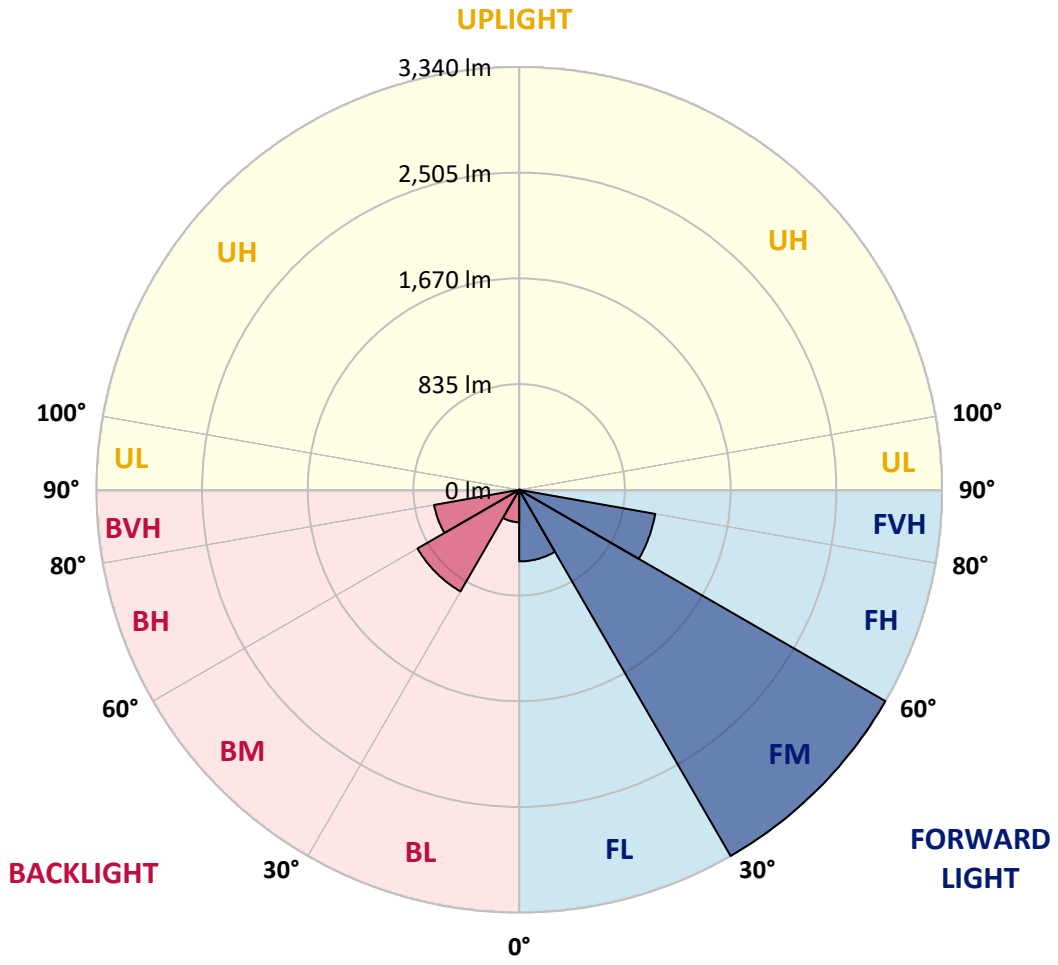
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	565.5	8.2			
FM	(30°-60°)	3340.3	48.5			
FH	(60°-80°)	1091.6	15.9			G1/1800
FVH	(80°-90°)	15.4	0.2			G1/100
BL	(0°-30°)	255.9	3.7	B1/500		
BM	(30°-60°)	926.9	13.5	B1/1000		
BH	(60°-80°)	682.0	9.9	B2/1000		G2/1000
BVH	(80°-90°)	4.1	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type I Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87°
0°	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	*678.6*
2.5°	662.8	658.8	658.8	662.8	658.8	658.8	662.8	662.8	666.7	674.6	*674.6*
5°	666.7	662.8	662.8	662.8	658.8	658.8	654.9	654.9	662.8	674.6	*674.6*
7.5°	686.5	686.5	682.5	678.6	674.6	670.7	658.8	658.8	658.8	674.6	*678.6*
10°	733.8	733.8	729.9	718.0	702.2	694.4	678.6	666.7	670.7	678.6	*686.5*
12.5°	828.5	828.5	824.5	796.9	769.3	737.7	706.2	694.4	682.5	690.4	*698.3*
15°	1017.9	1006.0	978.4	927.1	871.9	816.7	765.4	725.9	706.2	718.0	*718.0*
17.5°	1329.5	1325.6	1262.5	1175.7	1061.3	942.9	856.1	785.1	745.6	745.6	*749.6*
20°	1700.4	1672.8	1629.4	1518.9	1357.1	1167.8	994.2	871.9	800.9	781.1	*781.1*
22.5°	2047.6	2039.7	1988.4	1874.0	1696.4	1455.8	1203.3	1002.1	875.8	836.4	*836.4*
25°	2410.5	2406.6	2363.2	2221.1	2035.7	1787.2	1483.4	1199.3	994.2	907.4	*903.4*
27.5°	2686.7	2674.8	2655.1	2572.3	2418.4	2130.4	1802.9	1463.7	1159.9	1010.0	*1006.0*
30°	2954.9	2935.2	2919.4	2856.3	2718.2	2485.5	2142.2	1759.6	1384.8	1187.5	*1163.8*
32.5°	3085.1	3081.2	3112.7	3116.7	3014.1	2836.6	2481.5	2098.8	1696.4	1388.7	*1376.9*
35°	3097.0	3108.8	3191.7	3250.8	3274.5	3144.3	2872.1	2446.0	2004.2	1664.9	*1625.4*
37.5°	3033.8	3045.7	3156.1	3262.7	3385.0	3396.8	3235.1	2868.1	2394.7	2000.2	*1941.0*
40°	2872.1	2891.8	3002.3	3156.1	3369.2	3554.6	3602.0	3290.3	2816.9	2375.0	*2307.9*
42.5°	2623.5	2611.7	2753.7	2962.8	3246.9	3574.3	3830.8	3744.0	3298.2	2820.8	*2753.7*
45°	2256.6	2276.4	2375.0	2639.3	3006.2	3507.3	3957.0	4154.3	3822.9	3325.8	*3262.7*
47.5°	1826.6	1846.3	1956.8	2248.8	2655.1	3246.9	3949.1	4525.1	4387.0	3878.1	*3799.2*
50°	1384.8	1388.7	1475.5	1747.7	2221.1	2907.6	3771.6	4726.3	5014.3	4485.7	*4402.8*
52.5°	1033.6	1025.7	1069.1	1242.7	1672.8	2410.5	3475.7	4726.3	5677.1	5132.7	*5030.1*
55°	864.0	864.0	844.3	864.0	1136.2	1787.2	2962.8	4576.4	6091.4	5969.1	*5767.9*
57.5°	741.7	757.5	761.4	733.8	785.1	1148.0	2284.3	4209.5	6268.9	6833.1	*6612.1*
60°	591.8	599.7	627.3	690.4	666.7	718.0	1467.6	3649.3	6209.7	7949.5	*7551.1*
62.5°	*524.7*	*532.6*	*579.9*	*635.2*	*611.5*	*544.4*	*800.9*	*2607.8*	*5677.1*	*8308.6*	*8363.8*
65°	445.8	461.6	540.5	631.2	556.3	449.8	469.5	1353.2	4391.0	7602.4	*7965.3*
67.5°	363.0	374.8	473.4	603.6	536.5	359.0	339.3	556.3	3053.6	6430.6	*6848.8*
70°	260.4	284.1	390.6	560.2	512.9	291.9	260.4	327.5	1495.2	4379.2	*4694.8*
72.5°	153.9	165.7	280.1	489.2	473.4	248.5	161.8	224.9	528.7	2189.6	*2469.7*
75°	98.6	106.5	157.8	347.2	390.6	193.3	118.4	157.8	236.7	623.3	*698.3*
77.5°	51.3	51.3	102.6	248.5	240.7	153.9	90.7	90.7	142.0	181.5	*185.4*
80°	23.7	27.6	63.1	142.0	157.8	86.8	63.1	63.1	86.8	106.5	*102.6*
82.5°	7.9	7.9	35.5	71.0	102.6	39.5	31.6	39.5	47.3	63.1	*59.2*
85°	3.9	3.9	11.8	19.7	31.6	15.8	11.8	19.7	23.7	31.6	*27.6*
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	7.9	11.8	*7.9*
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-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6	678.6
2.5°	678.6	682.5	690.4	694.4	702.2	710.1	718.0	722.0	722.0	725.9	733.8
5°	678.6	686.5	706.2	722.0	749.6	769.3	785.1	789.0	796.9	800.9	800.9
7.5°	686.5	694.4	722.0	765.4	796.9	820.6	840.3	844.3	836.4	840.3	836.4
10°	690.4	710.1	745.6	796.9	852.2	864.0	860.0	832.4	804.8	785.1	781.1
12.5°	706.2	725.9	777.2	867.9	911.3	891.6	800.9	682.5	599.7	552.3	556.3
15°	729.9	753.5	836.4	946.8	962.6	808.8	619.4	461.6	363.0	323.5	311.7
17.5°	761.4	793.0	927.1	1061.3	935.0	654.9	414.2	272.2	205.1	189.4	189.4
20°	796.9	844.3	1053.4	1144.1	836.4	481.3	252.5	181.5	169.6	165.7	165.7
22.5°	852.2	911.3	1183.6	1144.1	698.3	315.6	181.5	165.7	157.8	157.8	157.8
25°	923.2	998.1	1345.3	1092.8	540.5	205.1	169.6	157.8	149.9	149.9	149.9
27.5°	1021.8	1136.2	1487.3	1006.0	382.7	173.6	157.8	149.9	146.0	146.0	146.0
30°	1175.7	1309.8	1613.6	907.4	256.4	157.8	146.0	142.0	142.0	142.0	142.0
32.5°	1376.9	1554.4	1751.7	793.0	189.4	149.9	142.0	138.1	138.1	138.1	138.1
35°	1589.9	1791.1	1834.5	658.8	161.8	138.1	134.1	130.2	130.2	130.2	130.2
37.5°	1897.6	2114.6	1870.0	512.9	149.9	130.2	126.2	126.2	122.3	118.4	118.4
40°	2236.9	2461.8	1874.0	370.8	146.0	126.2	122.3	114.4	110.5	106.5	106.5
42.5°	2678.8	2903.7	1881.9	264.3	142.0	126.2	114.4	110.5	102.6	98.6	98.6
45°	3231.1	3475.7	1960.8	213.0	146.0	122.3	106.5	102.6	98.6	94.7	94.7
47.5°	3787.4	4154.3	2150.1	201.2	149.9	114.4	102.6	94.7	90.7	86.8	86.8
50°	4430.4	4789.5	2394.7	205.1	142.0	106.5	94.7	90.7	86.8	82.8	82.8
52.5°	5010.4	5432.5	2619.6	217.0	134.1	102.6	90.7	86.8	82.8	78.9	78.9
55°	5673.2	5945.4	2828.7	220.9	122.3	94.7	86.8	82.8	78.9	75.0	75.0
57.5°	6324.1	6426.7	3081.2	209.1	110.5	90.7	82.8	78.9	71.0	67.1	67.1
60°	7097.4	6931.7	3223.2	189.4	98.6	82.8	75.0	71.0	67.1	59.2	59.2
62.5°	*7862.8*	*7448.5*	*3199.5*	*157.8*	*86.8*	*75.0*	*67.1*	*63.1*	*55.2*	*47.3*	*47.3*
65°	8158.6	7531.4	2627.5	130.2	75.0	63.1	59.2	55.2	47.3	35.5	35.5
67.5°	7480.1	7306.5	1806.9	98.6	67.1	51.3	51.3	47.3	39.5	31.6	31.6
70°	5373.3	5831.0	844.3	67.1	55.2	43.4	39.5	39.5	31.6	23.7	23.7
72.5°	2939.2	3231.1	232.8	51.3	43.4	31.6	31.6	31.6	27.6	19.7	19.7
75°	852.2	994.2	63.1	35.5	27.6	19.7	23.7	23.7	19.7	11.8	11.8
77.5°	189.4	149.9	35.5	23.7	15.8	15.8	15.8	15.8	11.8	7.9	3.9
80°	94.7	75.0	23.7	15.8	11.8	11.8	7.9	7.9	3.9	3.9	0.0
82.5°	55.2	39.5	19.7	11.8	7.9	7.9	3.9	3.9	3.9	0.0	0.0
85°	23.7	15.8	11.8	7.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0
87.5°	11.8	7.9	7.9	3.9	3.9	3.9	3.9	3.9	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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Peachtree City, GA 30269

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

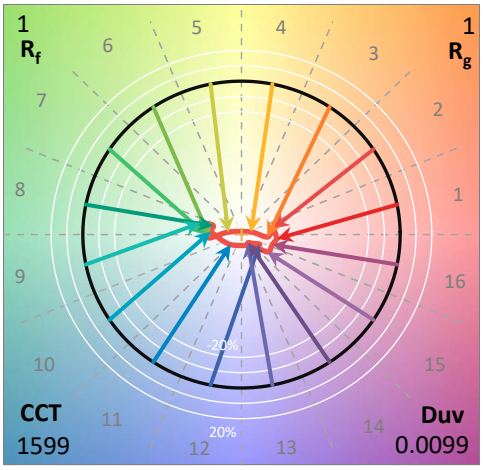
Test Information

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

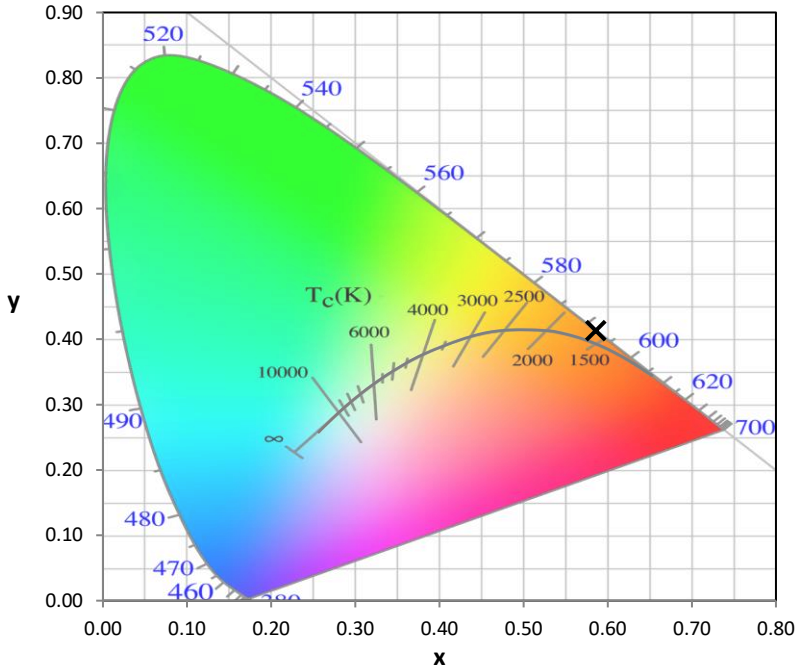
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

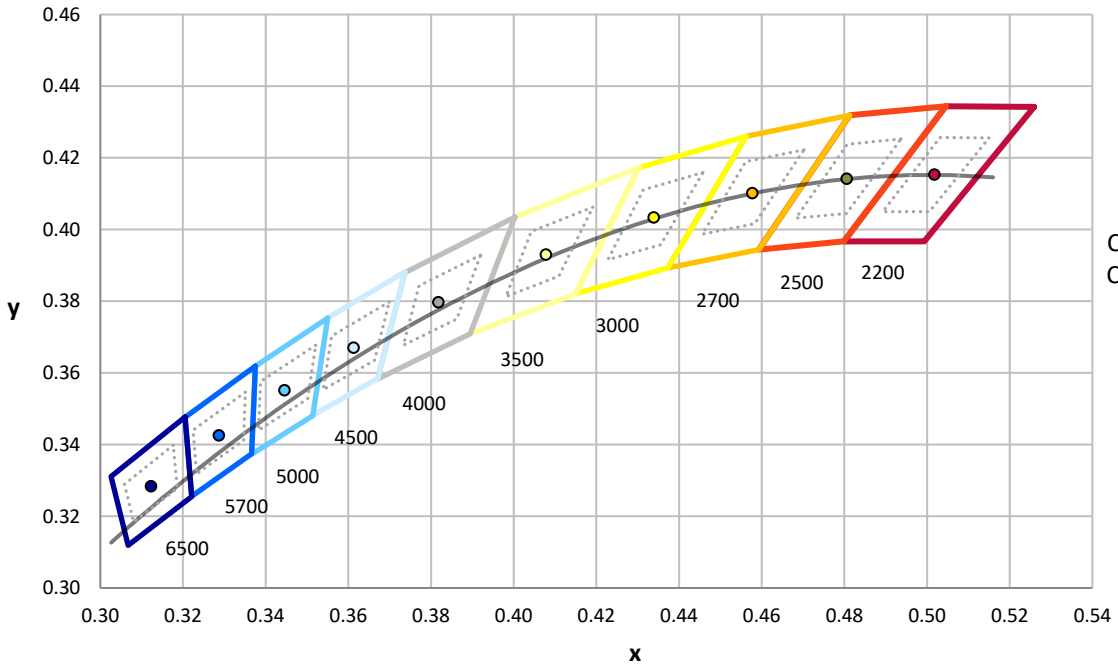
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

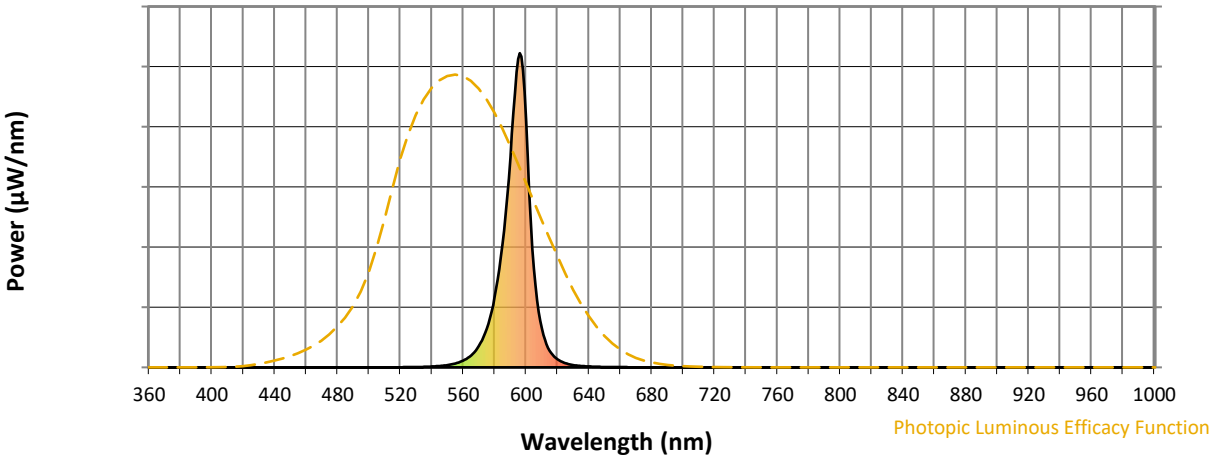


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

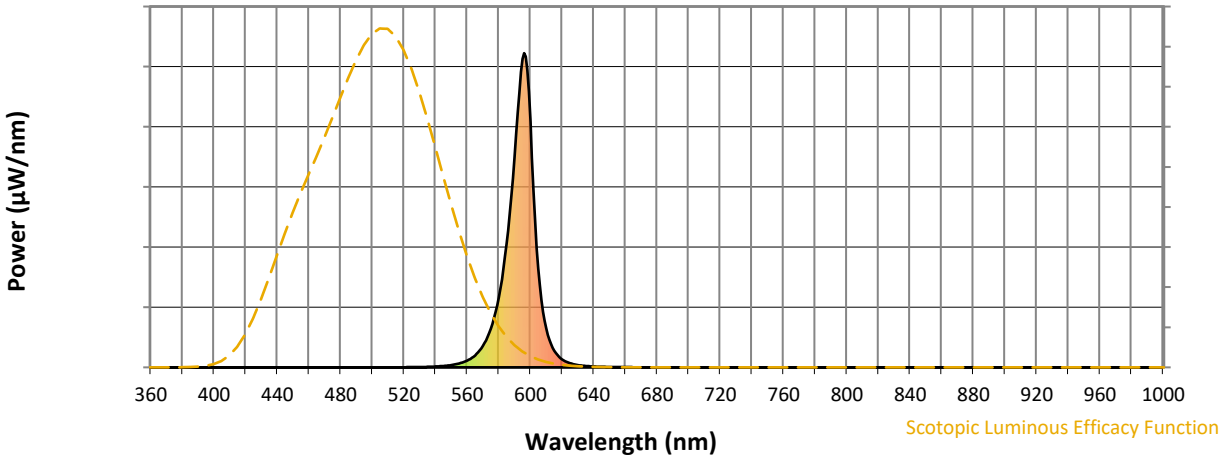


Photopic Lumens: NR

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

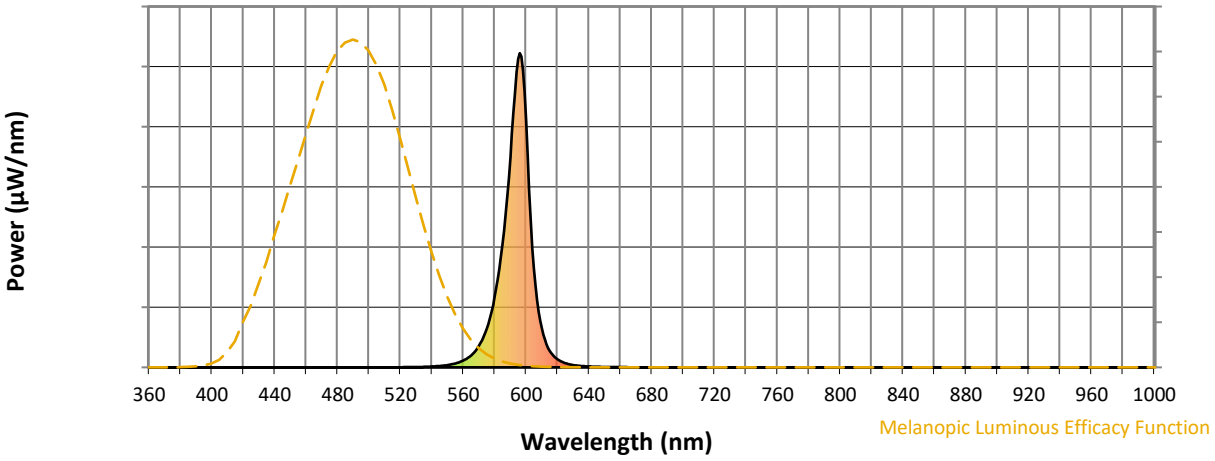


Scotopic Lumens: NR **S/P: 0.23**

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			

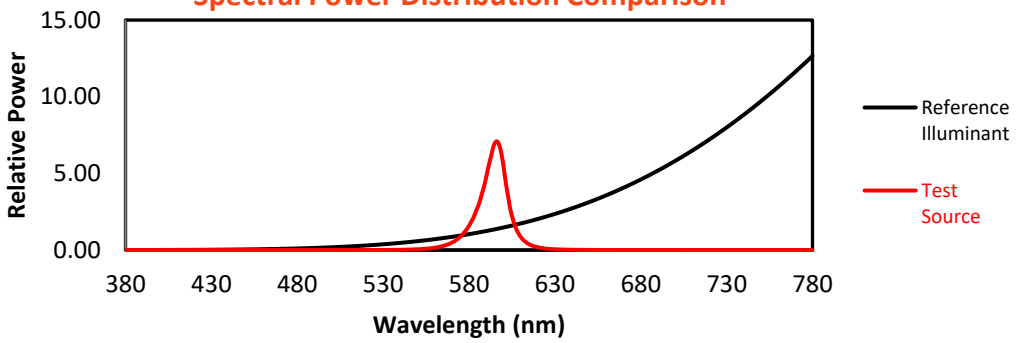
REPORT NUMBER: SP3-2509-541-1

TM-30-18

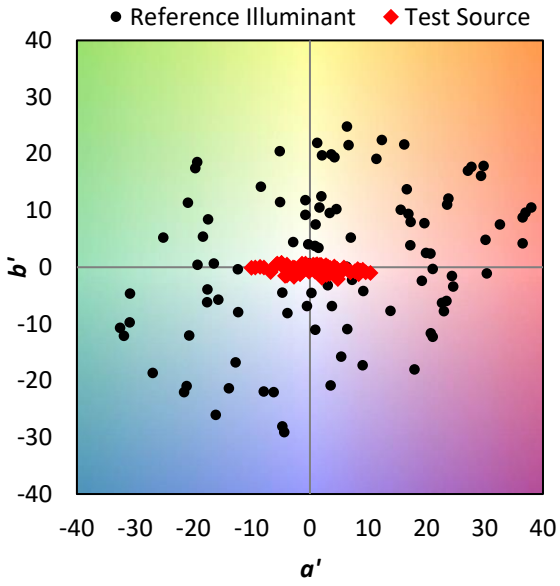
Summary

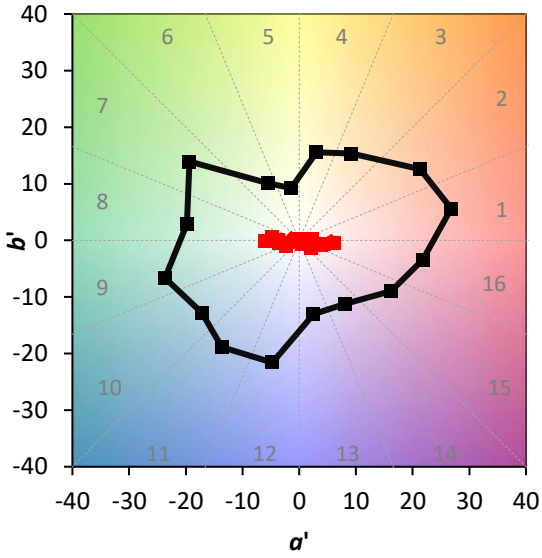
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

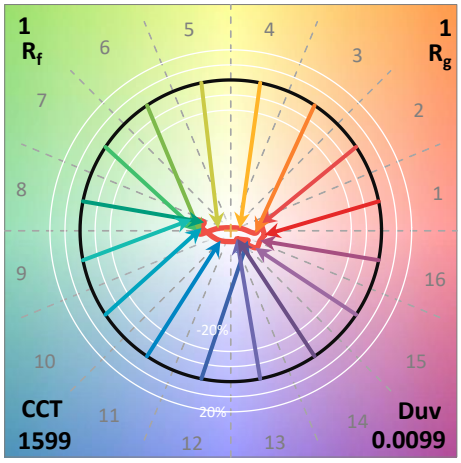
Spectral Power Distribution Comparison

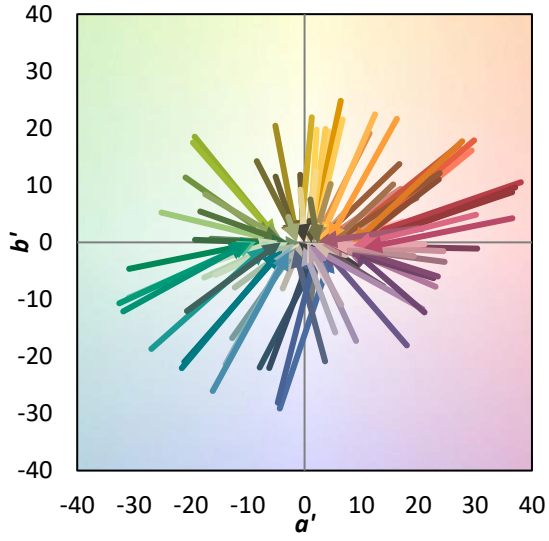


Color Vector Graphics







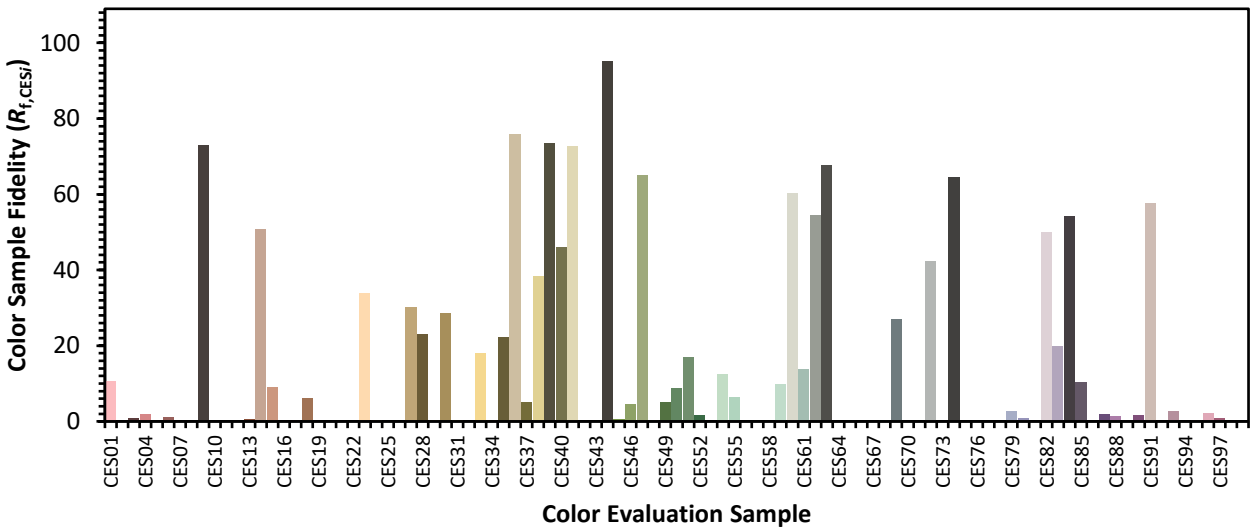


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

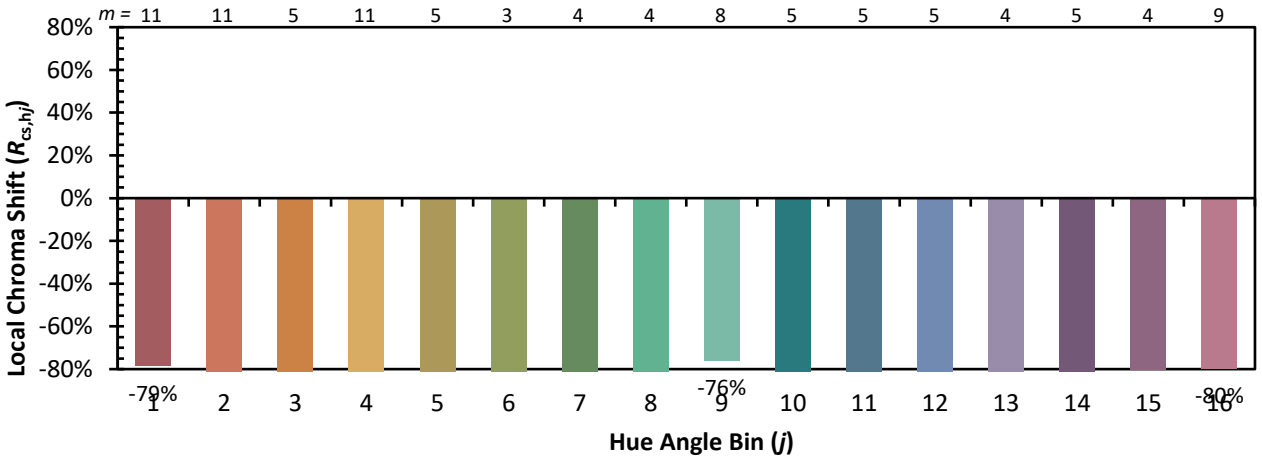
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

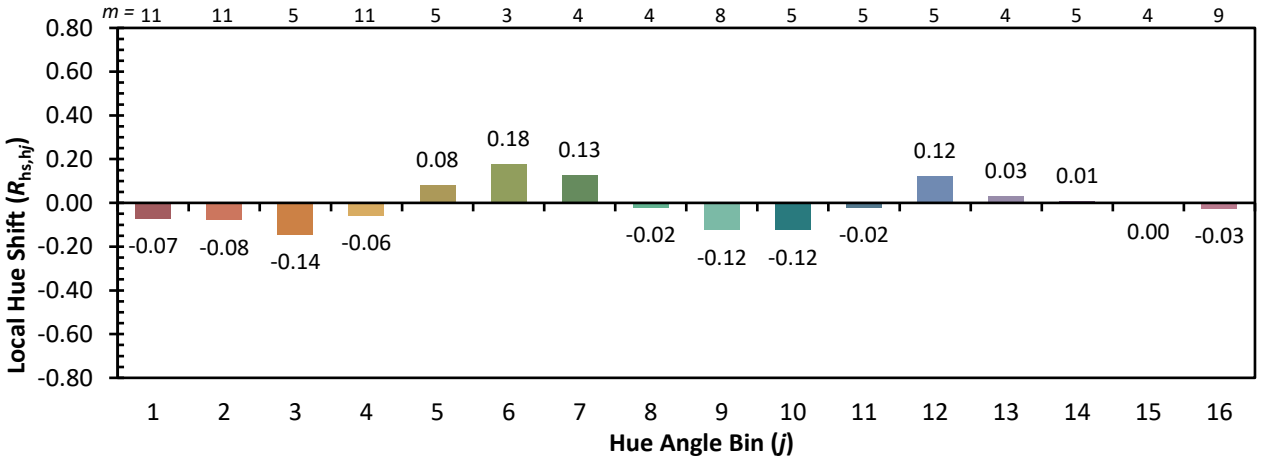


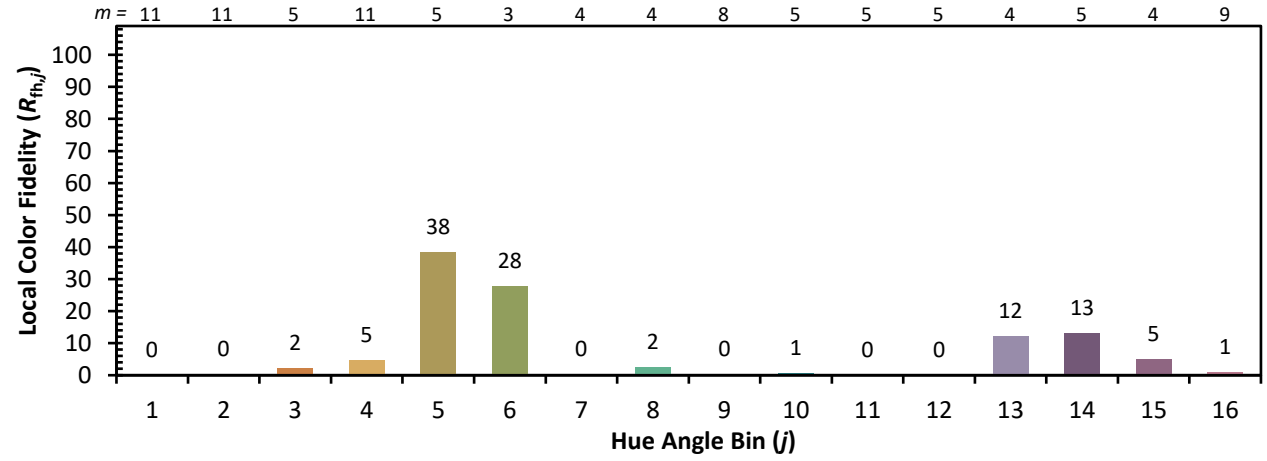
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



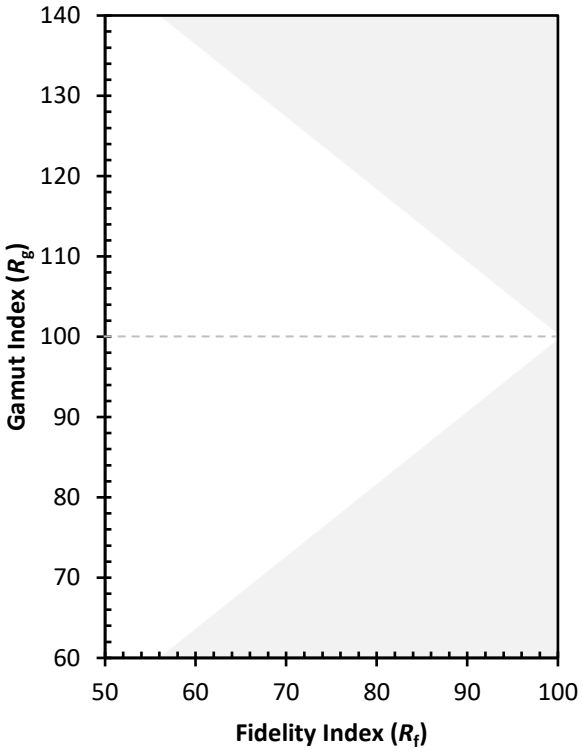


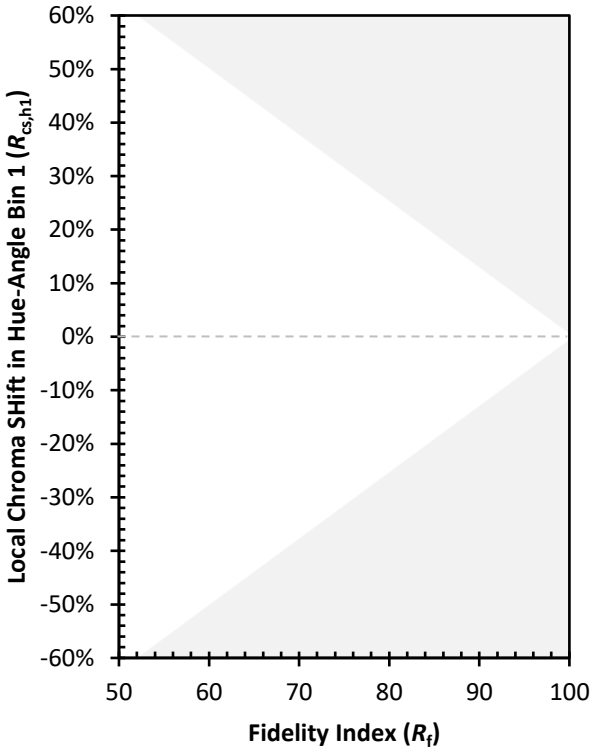


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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