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: P1704728

Luminaire Tested: GSS-SB1A-AMB-U-T2LG

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:	P1704728
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-AMB-U-T2LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2125.9 lumens
Efficiency:	N/A
Efficacy:	59.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	35.9
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

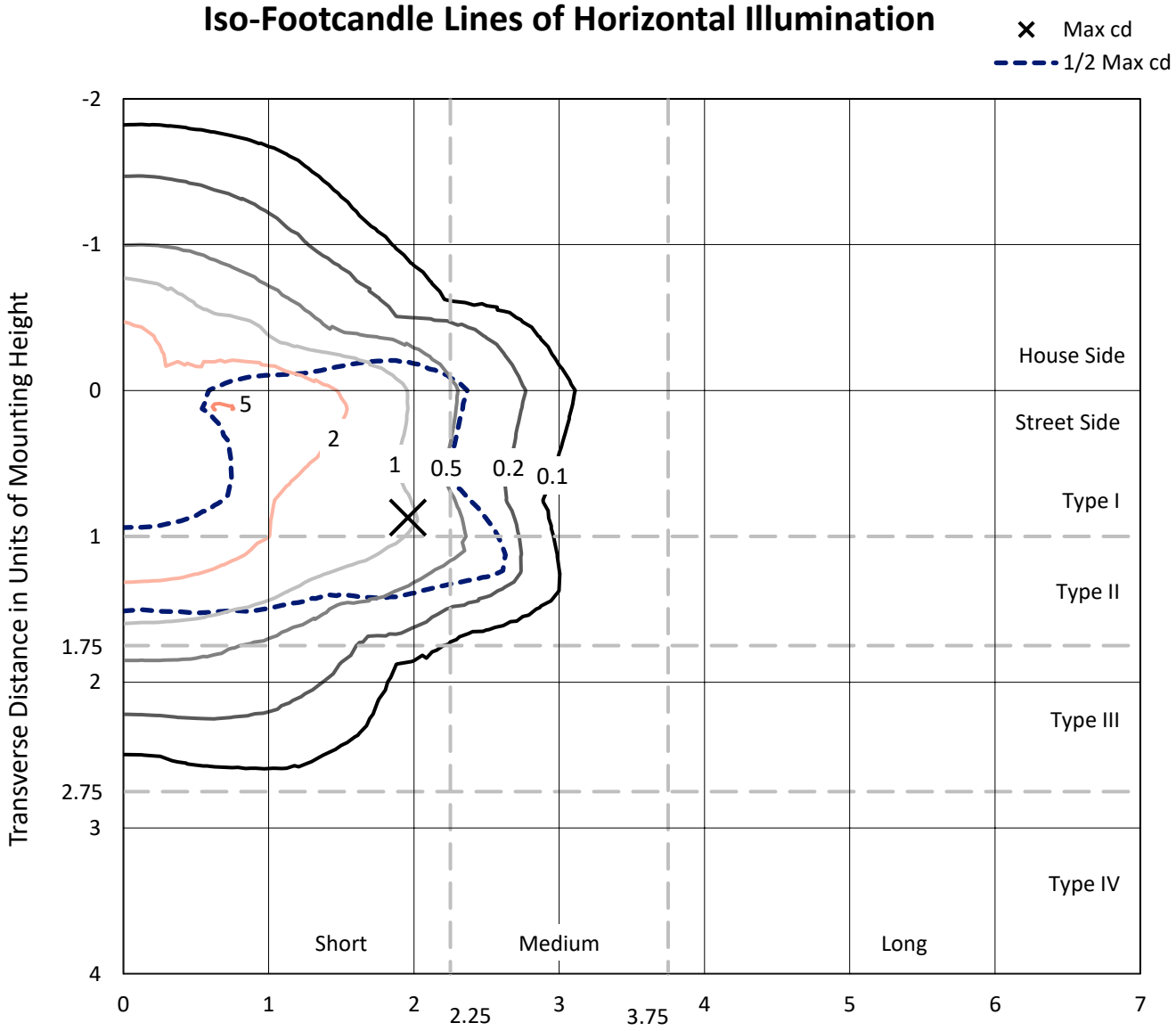


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



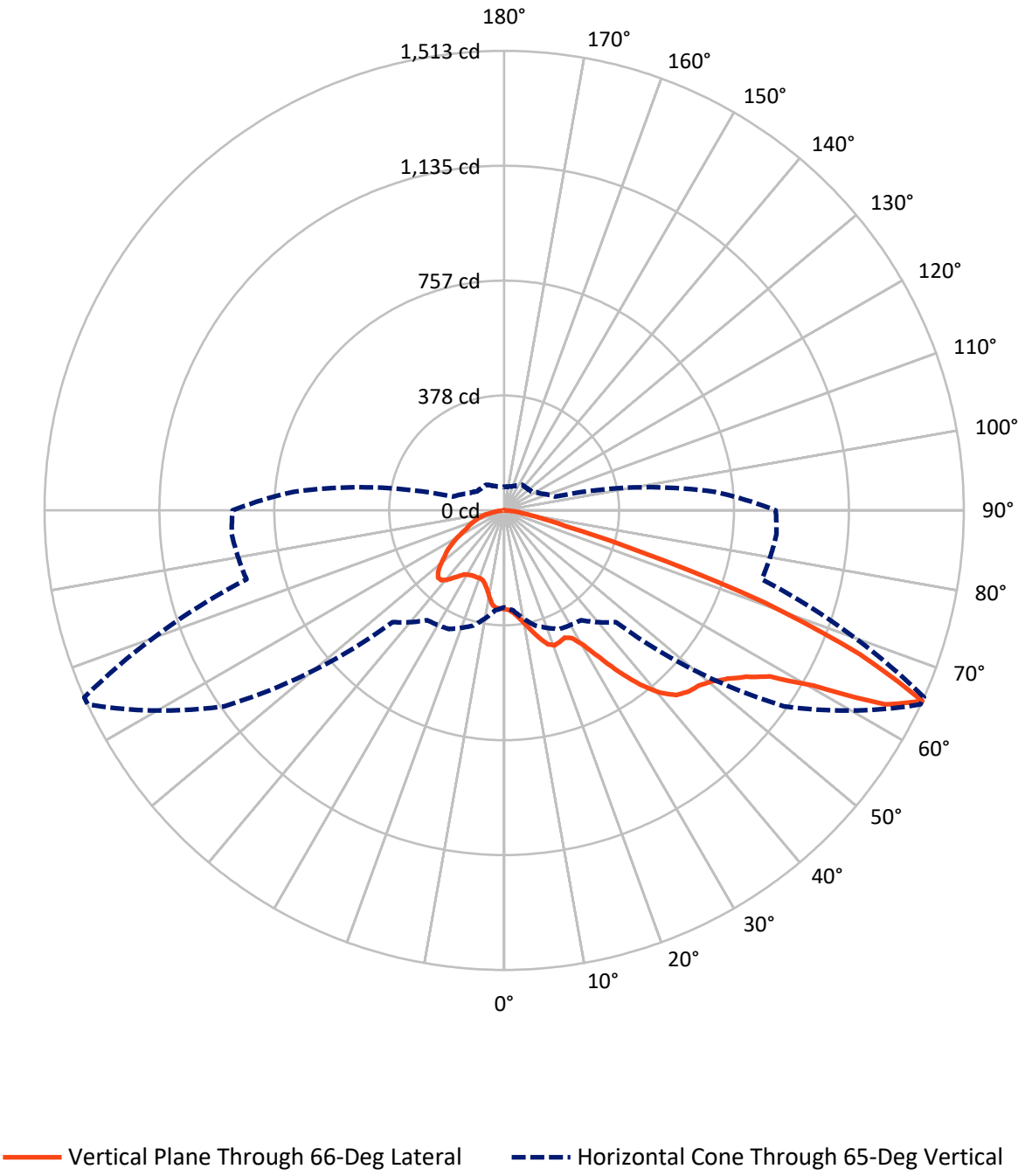
Based on 10 foot mounting height. Maximum calculated value = 5.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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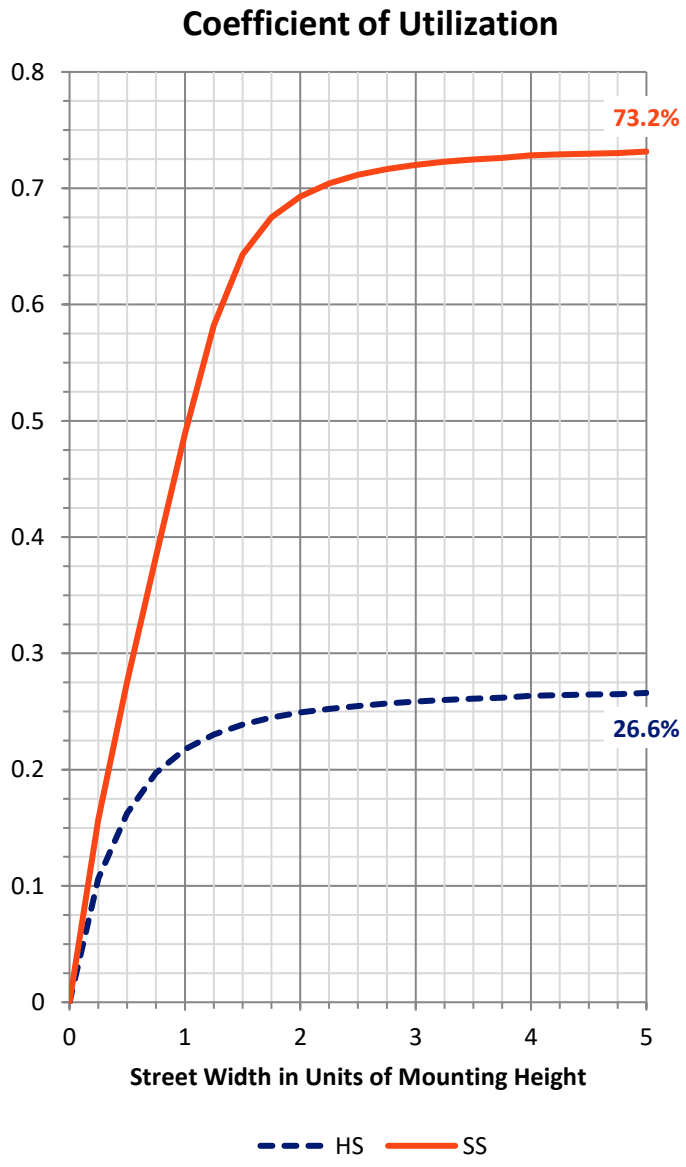
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	570.0	0.0	570.0
	% Fixture	26.8	0.0	26.8
Street Side	Lumens	1555.9	0.0	1555.9
	% Fixture	73.2	0.0	73.2
Total	Lumens	2125.9	0.0	2125.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.8	1.4
10°-20°	87.2	4.1
20°-30°	161.6	7.6
30°-40°	282.7	13.3
40°-50°	436.3	20.5
50°-60°	544.1	25.6
60°-70°	431.9	20.3
70°-80°	133.5	6.3
80°-90°	18.7	0.9
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°	2125.9	100.0
0°-180°	2125.9	100.0



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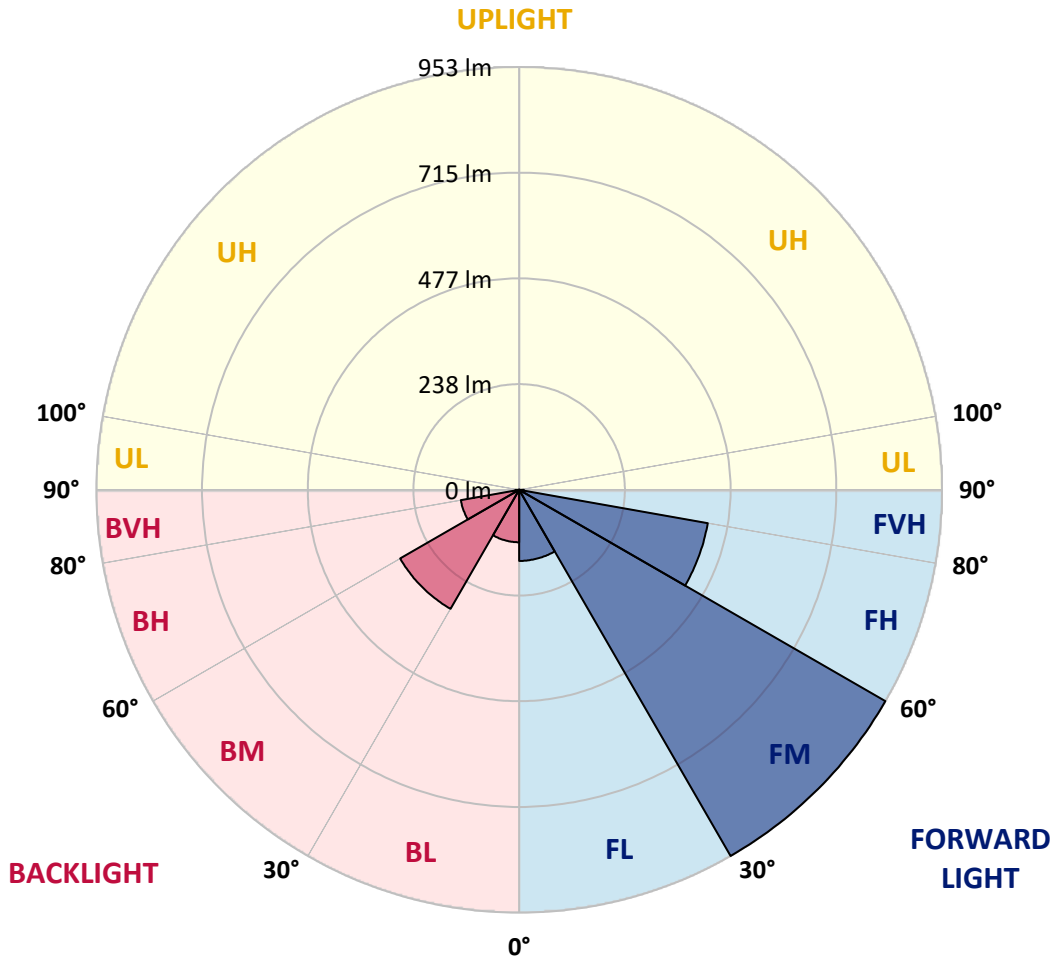
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	160.3	7.5			
FM	(30°-60°)	953.4	44.8			
FH	(60°-80°)	431.8	20.3			G0/660
FVH	(80°-90°)	10.3	0.5			G1/100
BL	(0°-30°)	118.3	5.6	B1/500		
BM	(30°-60°)	309.7	14.6	B1/1000		
BH	(60°-80°)	133.6	6.3	B1/500		G1/500
BVH	(80°-90°)	8.4	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1	*325.1*	325.1	325.1
2.5°	336.1	336.1	334.1	334.1	334.1	333.1	333.1	331.1	*329.1*	331.1	327.1
5°	347.1	346.1	345.1	345.1	347.1	346.1	345.1	343.1	*340.1*	341.1	338.1
7.5°	344.1	344.1	345.1	350.1	352.1	357.1	361.1	360.1	*358.1*	358.1	353.1
10°	325.1	325.1	331.1	343.1	355.1	366.1	377.1	382.1	*381.1*	382.1	377.1
12.5°	266.1	264.1	274.1	298.1	330.1	369.1	393.1	406.1	*408.1*	412.1	400.1
15°	238.1	237.1	240.1	246.1	276.1	330.1	397.1	435.1	*436.1*	446.1	432.1
17.5°	243.1	242.1	241.1	243.1	251.1	287.1	368.1	461.1	*463.1*	488.1	469.1
20°	261.1	259.1	257.1	252.1	255.1	272.1	335.1	467.1	*474.1*	534.1	515.1
22.5°	288.1	286.1	282.1	277.1	272.1	279.1	321.1	456.1	*470.1*	589.1	566.1
25°	321.1	320.1	314.1	305.1	300.1	304.1	335.1	449.1	*464.1*	647.1	628.1
27.5°	358.1	356.1	350.1	341.1	337.1	337.1	367.1	462.1	*476.1*	703.2	703.2
30°	401.1	395.1	388.1	380.1	377.1	384.1	413.1	507.1	*515.1*	762.2	784.2
32.5°	437.1	437.1	429.1	423.1	423.1	436.1	478.1	568.1	*577.1*	817.2	886.2
35°	477.1	473.1	479.1	469.1	475.1	501.1	552.1	639.1	*654.1*	866.2	983.2
37.5°	533.1	536.1	518.1	513.1	532.1	567.1	625.1	720.2	*727.2*	918.2	1073.2
40°	630.1	623.1	616.1	582.1	584.1	633.1	701.2	782.2	*789.2*	945.2	1141.3
42.5°	715.2	718.2	700.2	674.1	649.1	688.2	753.2	825.2	*831.2*	960.2	1177.3
45°	815.2	812.2	790.2	770.2	737.2	735.2	783.2	843.2	*851.2*	967.2	1193.3
47.5°	903.2	904.2	890.2	867.2	833.2	791.2	801.2	858.2	*862.2*	975.2	1202.3
50°	948.2	946.2	957.2	963.2	925.2	867.2	812.2	878.2	*885.2*	1005.2	1219.3
52.5°	921.2	919.2	946.2	990.2	1006.2	954.2	850.2	915.2	*921.2*	1043.2	1243.3
55°	820.2	819.2	874.2	956.2	1020.2	1054.2	924.2	959.2	*967.2*	1075.2	1252.3
57.5°	701.2	692.2	748.2	853.2	973.2	1063.2	1063.2	1032.2	*1032.2*	1125.2	1258.3
60°	531.1	534.1	597.1	673.1	853.2	982.2	1192.3	1166.3	*1171.3*	1110.2	1202.3
62.5°	426.1	430.1	478.1	505.1	615.1	828.2	1200.3	1450.3	*1407.3*	1043.2	1117.2
65°	*319.1*	*330.1*	*392.1*	*431.1*	*441.1*	*520.1*	*1124.2*	*1512.3*	*1513.3*	*878.2*	*900.2*
67.5°	210.0	213.0	301.1	363.1	363.1	300.1	762.2	1270.3	*1262.3*	643.1	674.1
70°	152.0	158.0	213.0	293.1	294.1	204.0	330.1	931.2	*910.2*	445.1	472.1
72.5°	105.0	108.0	150.0	225.0	241.1	148.0	182.0	478.1	*473.1*	214.0	287.1
75°	72.0	76.0	100.0	151.0	182.0	109.0	136.0	215.0	*210.0*	124.0	175.0
77.5°	50.0	51.0	67.0	101.0	118.0	80.0	109.0	129.0	*130.0*	90.0	96.0
80°	38.0	41.0	49.0	62.0	81.0	53.0	68.0	73.0	*68.0*	54.0	48.0
82.5°	22.0	23.0	28.0	31.0	48.0	27.0	30.0	45.0	*45.0*	35.0	27.0
85°	8.0	9.0	11.0	12.0	18.0	9.0	10.0	19.0	*20.0*	18.0	8.0
87.5°	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	*2.0*	2.0	2.0
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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Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1	325.1
2.5°	326.1	327.1	325.1	323.1	323.1	320.1	319.1	318.1	317.1	317.1	316.1
5°	335.1	334.1	330.1	322.1	312.1	291.1	272.1	252.1	244.1	239.1	238.1
7.5°	350.1	345.1	337.1	311.1	269.1	233.1	214.0	205.0	202.0	202.0	203.0
10°	369.1	365.1	343.1	284.1	231.1	210.0	209.0	213.0	217.0	218.0	218.0
12.5°	392.1	384.1	342.1	258.1	217.0	217.0	225.0	231.1	235.1	238.1	236.1
15°	424.1	412.1	338.1	241.1	220.0	230.1	238.1	247.1	250.1	253.1	252.1
17.5°	456.1	437.1	331.1	230.1	228.1	240.1	249.1	258.1	261.1	263.1	263.1
20°	496.1	463.1	319.1	228.1	235.1	247.1	257.1	263.1	267.1	269.1	268.1
22.5°	540.1	494.1	308.1	230.1	239.1	249.1	257.1	263.1	269.1	271.1	272.1
25°	594.1	529.1	292.1	232.1	237.1	244.1	253.1	260.1	266.1	271.1	271.1
27.5°	650.1	565.1	286.1	234.1	230.1	235.1	245.1	253.1	262.1	268.1	270.1
30°	723.2	611.1	289.1	238.1	223.0	224.0	232.1	243.1	253.1	260.1	262.1
32.5°	811.2	662.1	299.1	243.1	216.0	213.0	220.0	229.1	238.1	243.1	246.1
35°	895.2	720.2	323.1	256.1	216.0	207.0	209.0	213.0	217.0	219.0	223.0
37.5°	968.2	761.2	342.1	271.1	224.0	204.0	199.0	199.0	198.0	197.0	200.0
40°	1017.2	790.2	352.1	290.1	236.1	203.0	189.0	185.0	179.0	174.0	176.0
42.5°	1038.2	798.2	355.1	304.1	241.1	199.0	180.0	170.0	161.0	157.0	158.0
45°	1047.2	781.2	348.1	306.1	239.1	192.0	171.0	160.0	149.0	142.0	140.0
47.5°	1043.2	765.2	335.1	293.1	227.0	184.0	162.0	147.0	139.0	135.0	134.0
50°	1056.2	752.2	327.1	269.1	205.0	171.0	151.0	136.0	134.0	127.0	125.0
52.5°	1075.2	768.2	315.1	243.1	184.0	158.0	141.0	129.0	123.0	121.0	121.0
55°	1104.2	797.2	302.1	223.0	164.0	143.0	133.0	124.0	119.0	117.0	115.0
57.5°	1147.3	831.2	282.1	198.0	145.0	133.0	127.0	116.0	109.0	107.0	105.0
60°	1143.3	847.2	251.1	174.0	131.0	123.0	119.0	108.0	101.0	97.0	95.0
62.5°	1094.2	818.2	211.0	149.0	120.0	114.0	110.0	100.0	89.0	84.0	83.0
65°	*894.2*	*696.2*	*174.0*	*131.0*	*109.0*	*104.0*	*103.0*	*89.0*	*81.0*	*78.0*	*77.0*
67.5°	716.2	592.1	149.0	120.0	97.0	95.0	92.0	84.0	83.0	80.0	80.0
70°	520.1	400.1	128.0	105.0	87.0	83.0	93.0	91.0	85.0	80.0	79.0
72.5°	321.1	210.0	113.0	92.0	74.0	77.0	94.0	87.0	76.0	71.0	68.0
75°	196.0	133.0	97.0	79.0	60.0	65.0	84.0	75.0	63.0	59.0	57.0
77.5°	97.0	92.0	75.0	64.0	46.0	53.0	73.0	62.0	51.0	68.0	58.0
80°	49.0	52.0	49.0	37.0	32.0	39.0	54.0	48.0	38.0	49.0	34.0
82.5°	23.0	30.0	33.0	26.0	18.0	22.0	35.0	28.0	25.0	24.0	23.0
85°	7.0	11.0	14.0	12.0	7.0	8.0	16.0	14.0	17.0	14.0	14.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	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

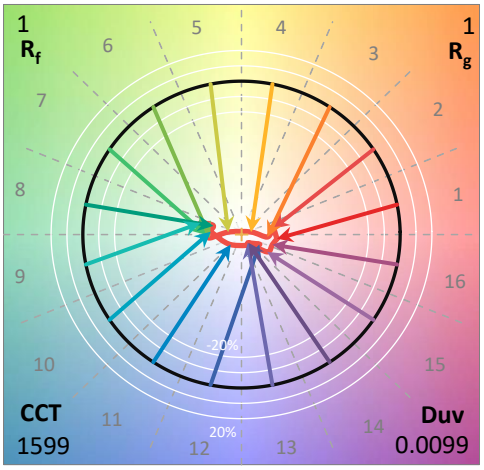
Test Information

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

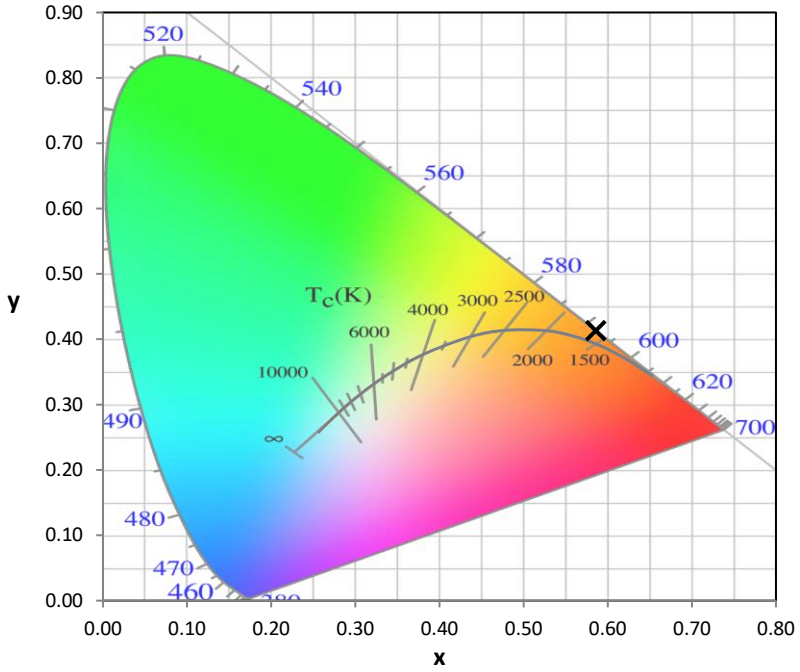
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

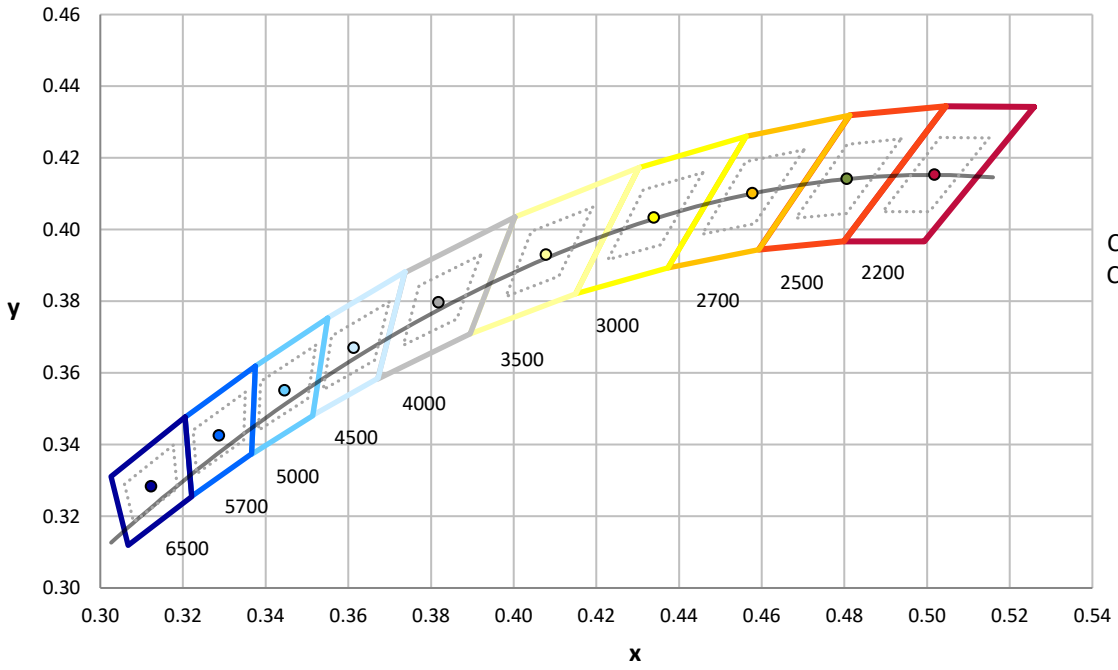
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

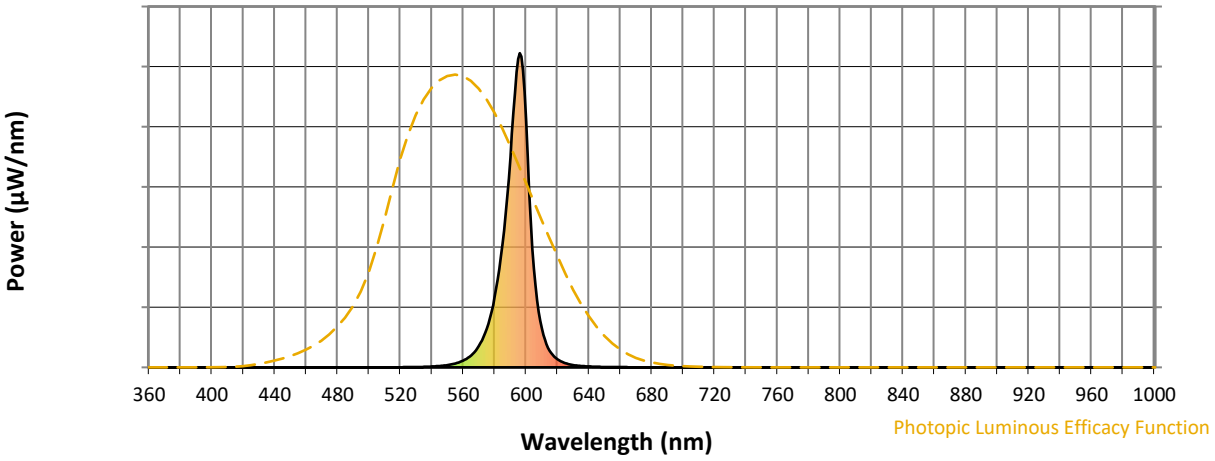


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

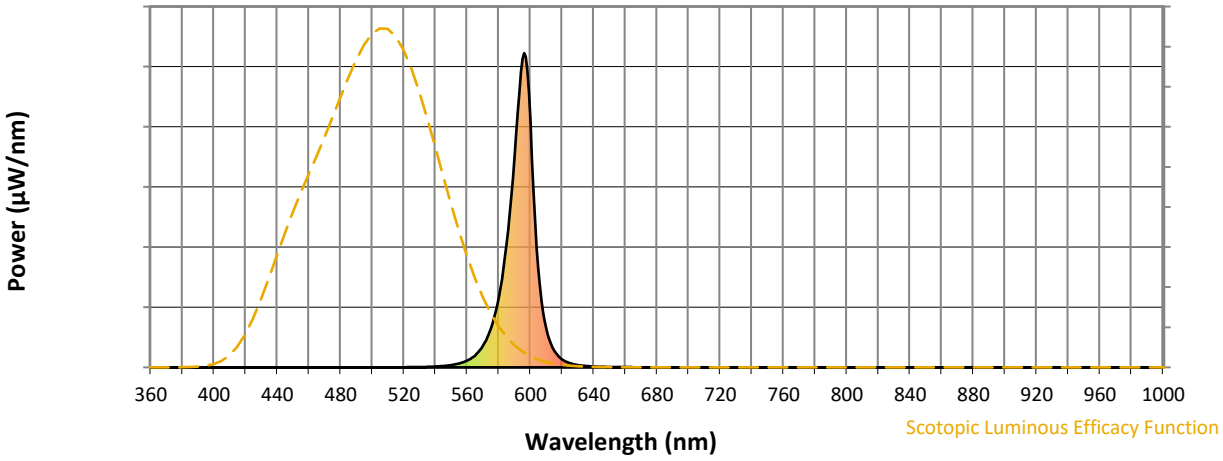


Photopic Lumens: NR

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

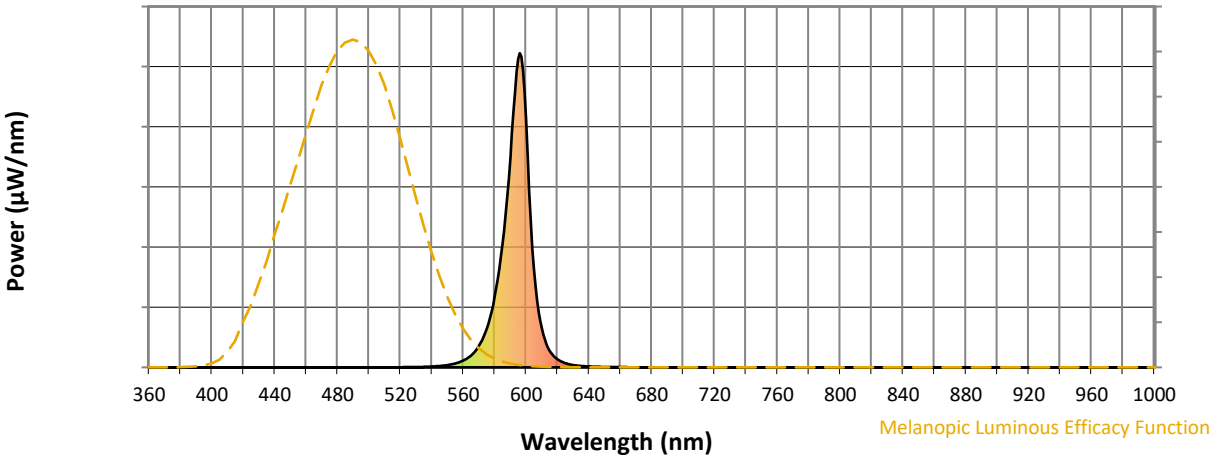


Scotopic Lumens: NR **S/P: 0.23**

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			

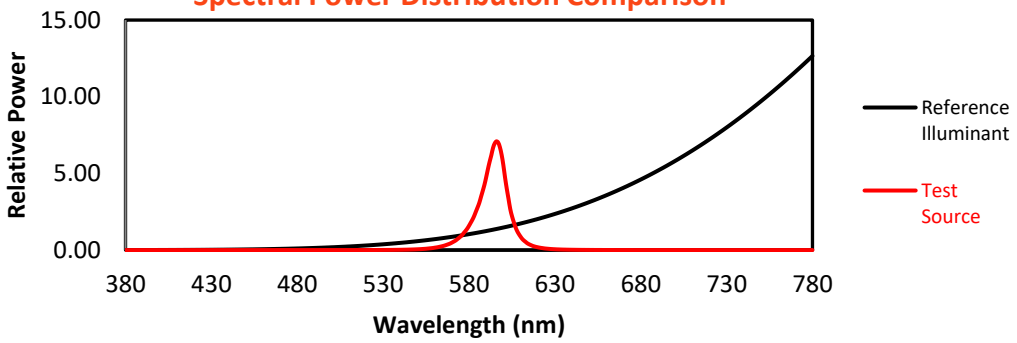
REPORT NUMBER: SP3-2509-541-1

TM-30-18

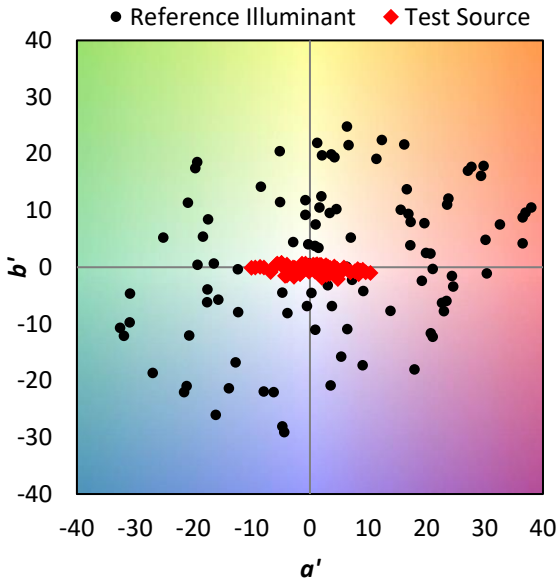
Summary

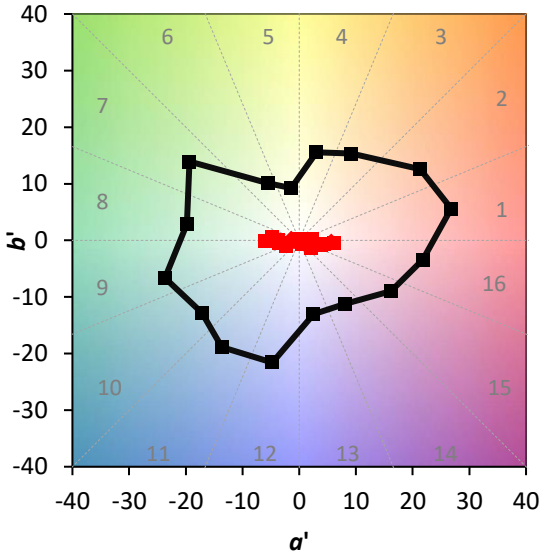
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

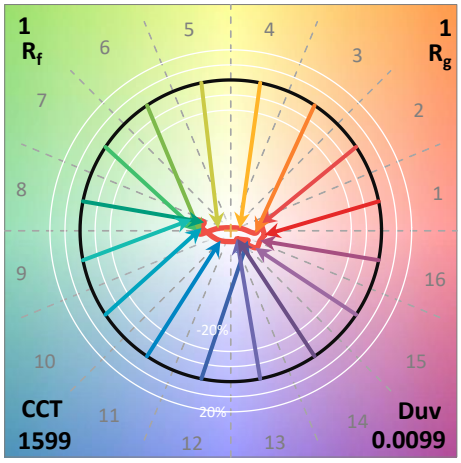
Spectral Power Distribution Comparison

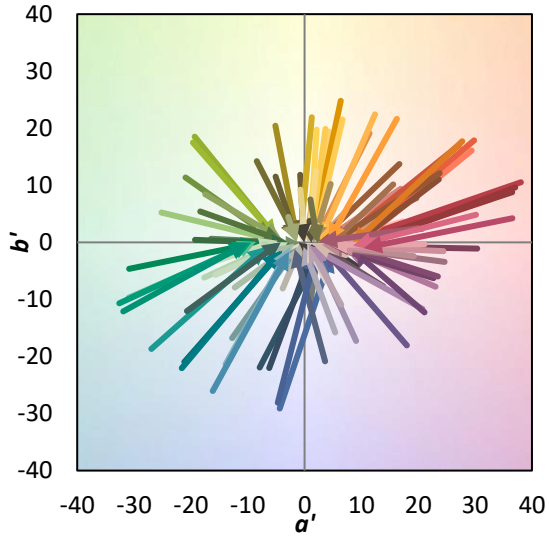


Color Vector Graphics







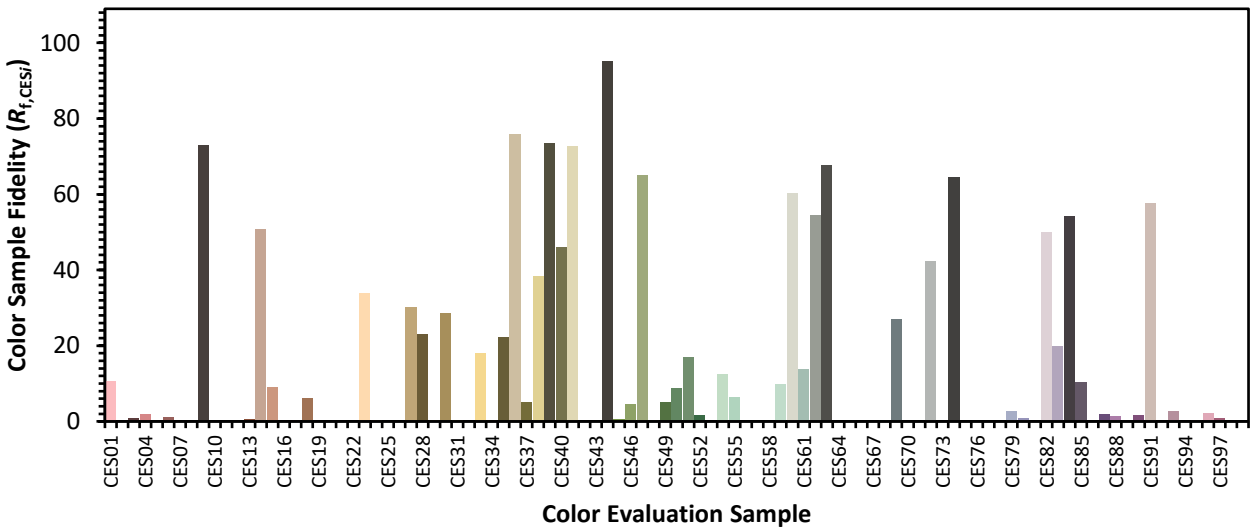


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

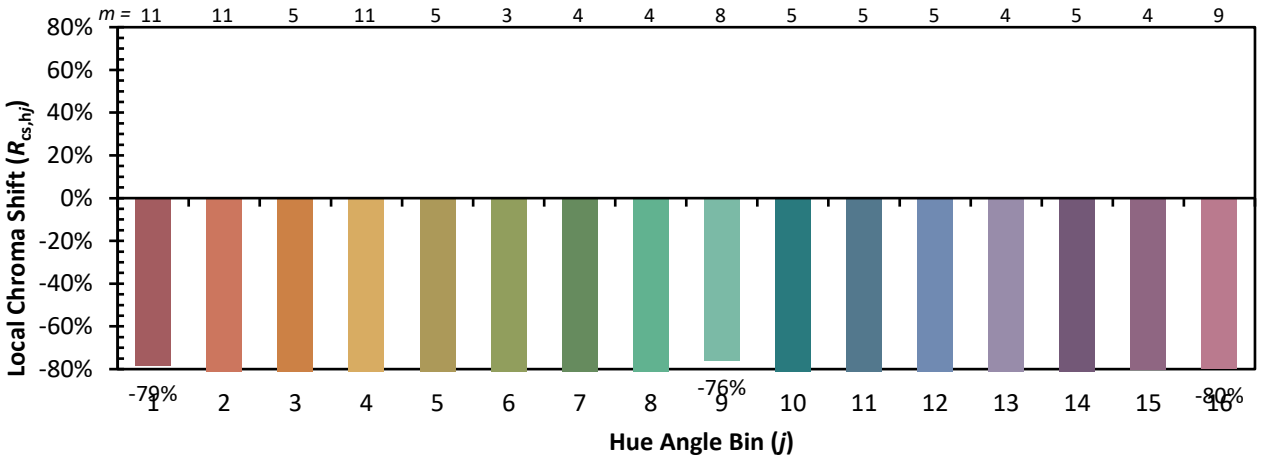
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

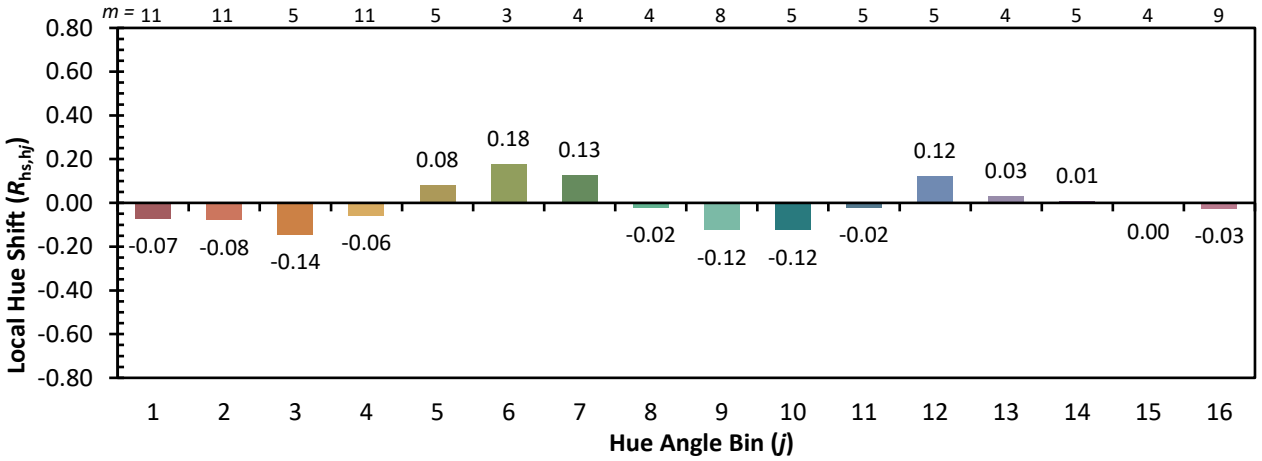


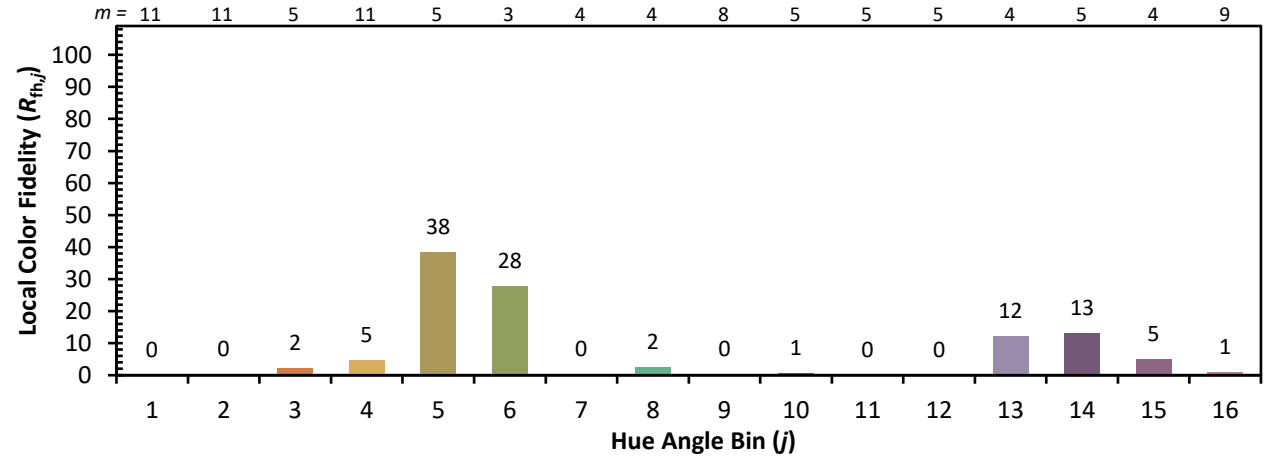
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



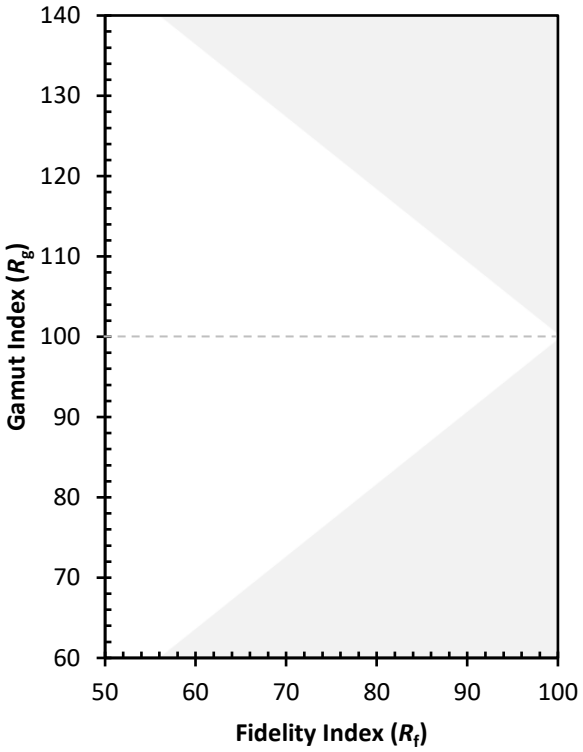


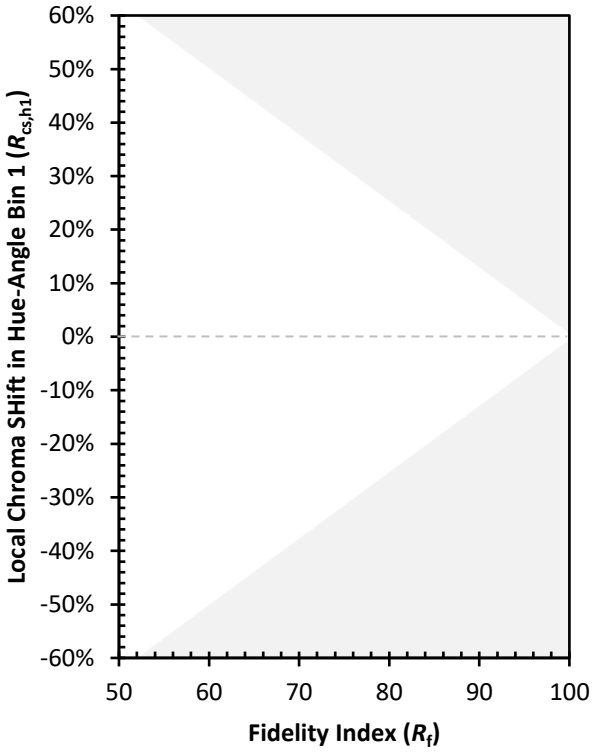


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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