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-T2U

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-T2U
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T2 URBAN DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2123.4 lumens
Efficiency:	N/A
Efficacy:	59.1 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

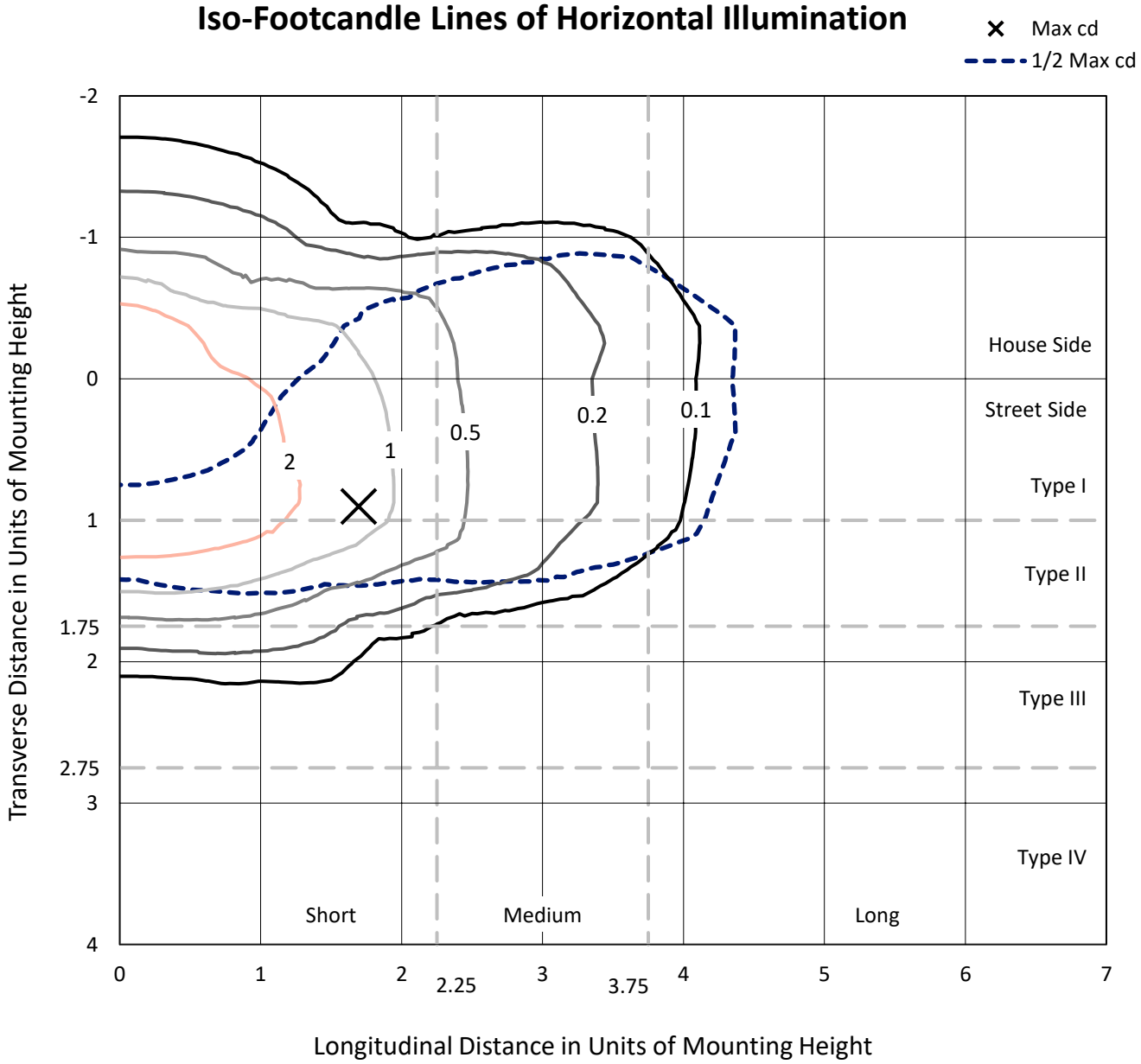


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REPORT NUMBER: P1704728
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Iso-Footcandle Lines of Horizontal Illumination



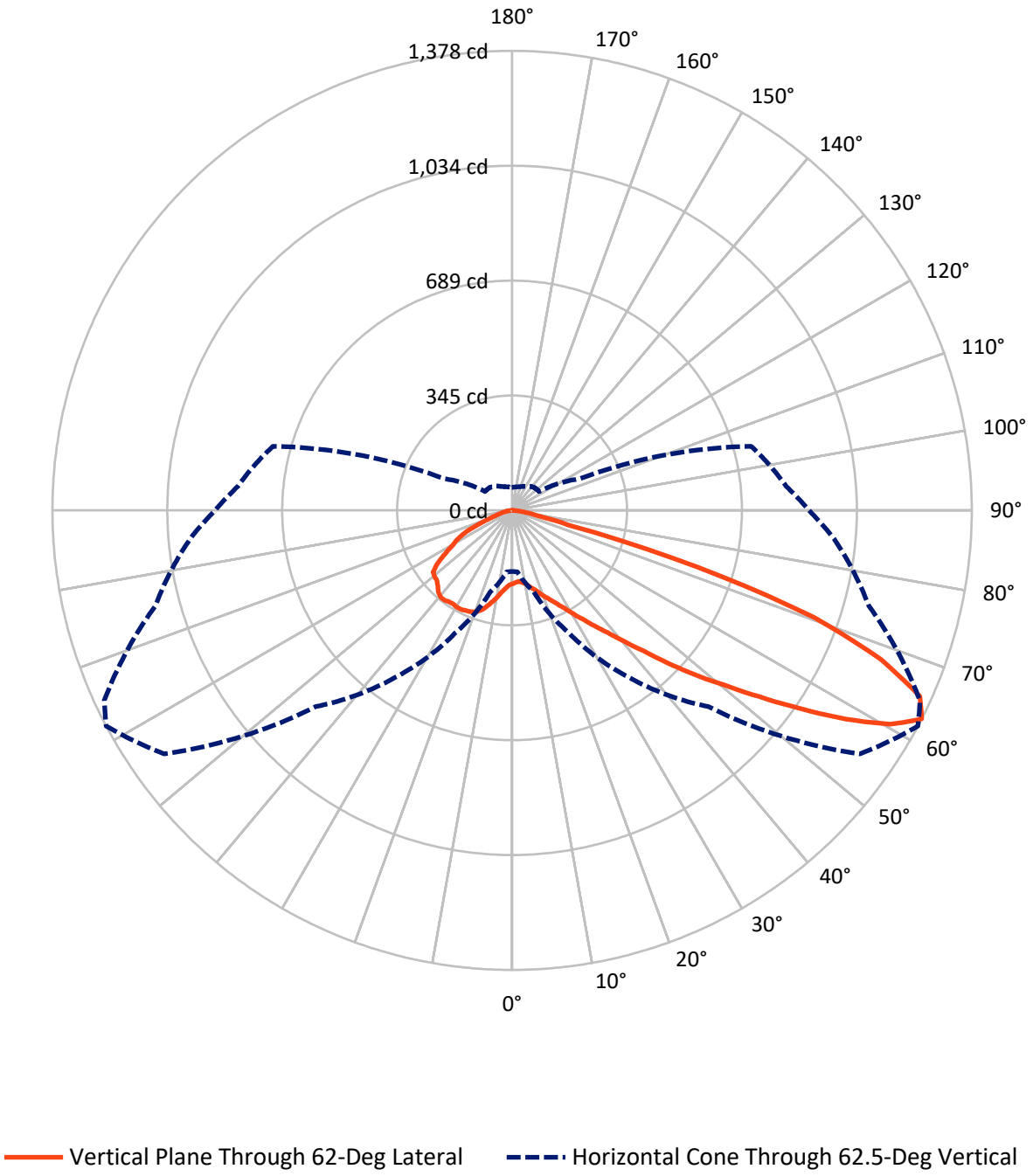
Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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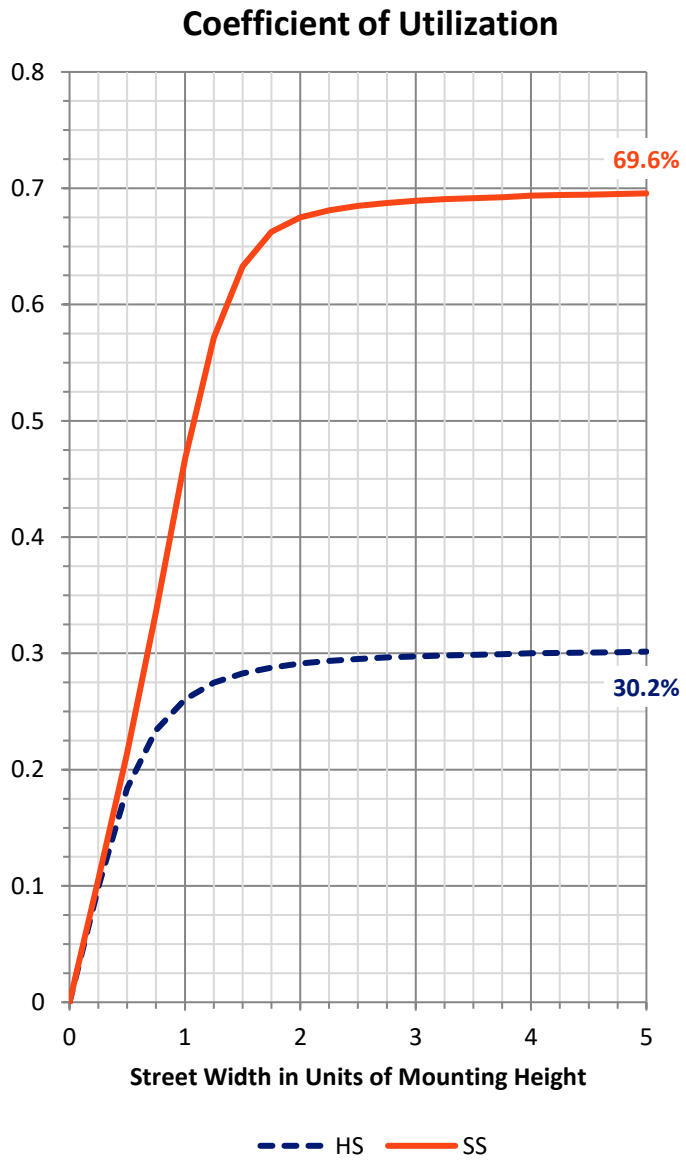
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	644.3	0.0	644.3
	% Fixture	30.3	0.0	30.3
Street Side	Lumens	1479.0	0.0	1479.0
	% Fixture	69.7	0.0	69.7
Total	Lumens	2123.4	0.0	2123.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	1.0
10°-20°	76.7	3.6
20°-30°	148.7	7.0
30°-40°	240.8	11.3
40°-50°	398.2	18.8
50°-60°	529.5	24.9
60°-70°	448.7	21.1
70°-80°	238.4	11.2
80°-90°	20.4	1.0
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°	2123.4	100.0
0°-180°	2123.4	100.0



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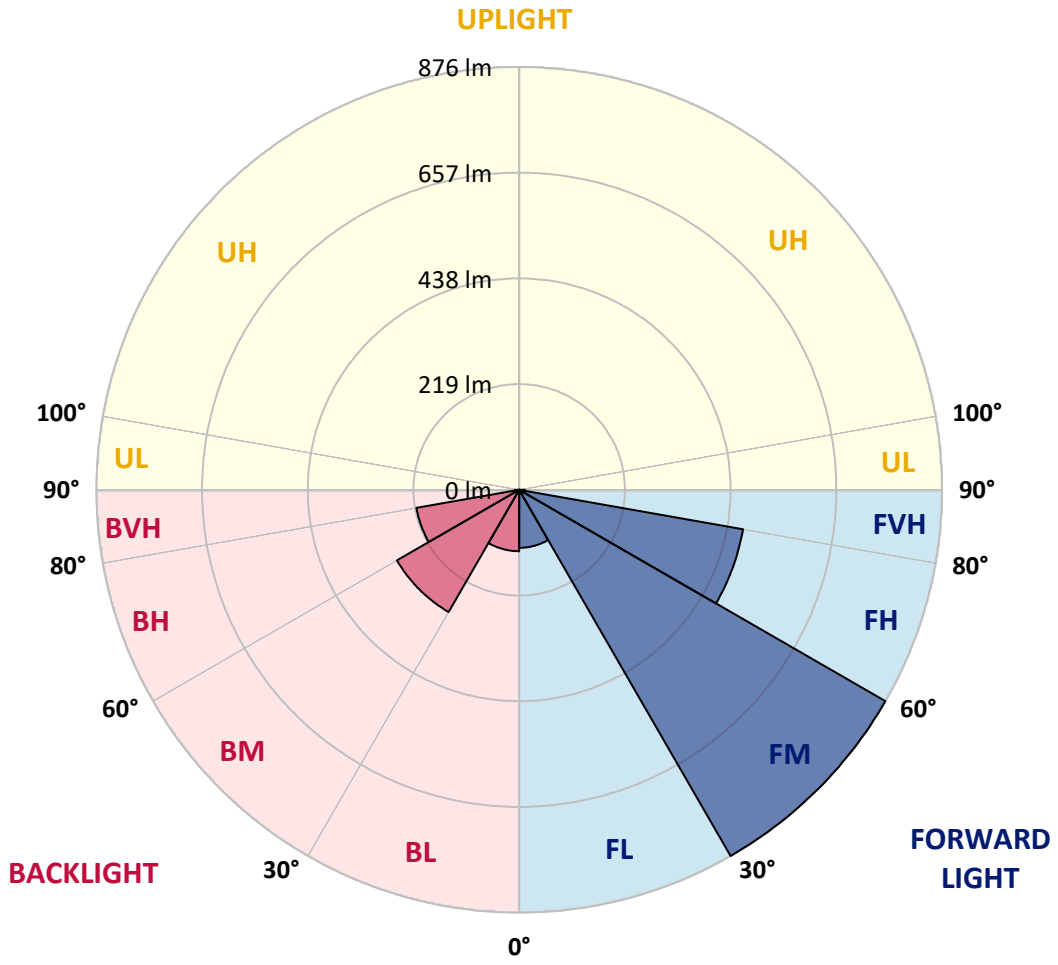
Scaled Data Report

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CATALOG NUMBER: GSS-SB1A-AMB-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	120.1	5.7			
FM	(30°-60°)	876.2	41.3			
FH	(60°-80°)	471.0	22.2			G0/660
FVH	(80°-90°)	11.8	0.6			G1/100
BL	(0°-30°)	127.2	6.0	B1/500		
BM	(30°-60°)	292.3	13.8	B1/1000		
BH	(60°-80°)	216.1	10.2	B1/500		G1/500
BVH	(80°-90°)	8.7	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°	62°	65°	75°	85°
0°	220.0	220.0	220.0	220.0	220.0	220.0	220.0	*220.0*	220.0	220.0	220.0
2.5°	214.0	213.0	213.0	213.0	213.0	215.0	215.0	*216.0*	218.0	219.0	220.0
5°	207.0	206.0	206.0	207.0	209.0	210.0	214.0	*214.0*	217.0	221.0	224.0
7.5°	208.0	207.0	207.0	208.0	209.0	211.0	215.0	*218.0*	219.0	225.0	231.0
10°	214.0	214.0	214.0	214.0	215.0	217.0	221.0	*224.0*	226.0	233.0	241.0
12.5°	225.0	224.0	225.0	224.0	225.0	226.0	230.0	*235.0*	238.0	245.0	253.0
15°	238.0	237.0	238.0	237.0	237.0	237.0	243.0	*245.0*	249.0	259.0	267.0
17.5°	255.0	253.0	254.0	251.0	250.0	250.0	254.0	*259.0*	263.0	275.0	283.0
20°	271.0	270.0	268.0	267.0	265.0	265.0	268.0	*275.0*	278.0	293.0	298.0
22.5°	288.0	288.0	284.0	284.0	282.0	283.0	286.0	*290.0*	294.0	311.1	315.1
25°	318.1	316.1	309.1	303.1	302.0	303.1	306.1	*309.1*	313.1	331.1	331.1
27.5°	370.1	369.1	356.1	341.1	327.1	326.1	330.1	*331.1*	337.1	352.1	349.1
30°	445.1	437.1	421.1	400.1	369.1	355.1	357.1	*359.1*	363.1	376.1	370.1
32.5°	517.1	512.1	494.1	467.1	429.1	397.1	387.1	*389.1*	392.1	404.1	393.1
35°	606.1	603.1	583.1	546.1	497.1	449.1	428.1	*425.1*	428.1	435.1	419.1
37.5°	704.1	695.1	677.1	634.1	575.1	513.1	476.1	*465.1*	468.1	473.1	451.1
40°	805.1	804.1	783.1	746.1	667.1	592.1	536.1	*516.1*	514.1	519.1	491.1
42.5°	899.1	895.1	880.1	850.1	783.1	690.1	610.1	*574.1*	570.1	565.1	534.1
45°	953.2	952.2	955.2	954.2	906.1	814.1	705.1	*651.1*	638.1	624.1	584.1
47.5°	956.2	957.2	986.2	1019.2	1009.2	958.2	810.1	*735.1*	716.1	682.1	637.1
50°	894.1	898.1	960.2	1041.2	1088.2	1092.2	940.2	*822.1*	795.1	748.1	696.1
52.5°	802.1	800.1	869.1	985.2	1122.2	1196.2	1065.2	*928.2*	885.1	818.1	754.1
55°	672.1	682.1	772.1	868.1	1063.2	1263.2	1190.2	*1049.2*	1001.2	896.1	819.1
57.5°	523.1	537.1	641.1	765.1	921.2	1216.2	1260.2	*1181.2*	1127.2	977.2	887.1
60°	304.1	318.1	435.1	613.1	791.1	1049.2	1299.2	*1302.2*	1247.2	1060.2	946.2
62.5°	*183.0*	*185.0*	*253.0*	*407.1*	*612.1*	*832.1*	*1273.2*	*1378.2*	*1349.2*	*1107.2*	*968.2*
65°	113.0	115.0	148.0	239.0	383.1	578.1	1106.2	*1343.2*	1320.2	1073.2	930.2
67.5°	92.0	93.0	108.0	149.0	258.0	278.0	749.1	*1192.2*	1250.2	1042.2	917.2
70°	87.0	87.0	88.0	104.0	190.0	165.0	378.1	*960.2*	1124.2	1015.2	888.1
72.5°	71.0	72.0	80.0	79.0	133.0	117.0	110.0	*581.1*	837.1	1004.2	870.1
75°	49.0	50.0	58.0	72.0	82.0	80.0	81.0	*175.0*	477.1	947.2	860.1
77.5°	35.0	36.0	42.0	51.0	57.0	53.0	66.0	*80.0*	118.0	570.1	650.1
80°	23.0	24.0	28.0	35.0	42.0	32.0	38.0	*52.0*	54.0	222.0	322.1
82.5°	12.0	13.0	15.0	20.0	24.0	21.0	17.0	*26.0*	31.0	62.0	59.0
85°	4.0	4.0	6.0	7.0	9.0	10.0	8.0	*12.0*	13.0	20.0	14.0
87.5°	1.0	1.0	1.0	1.0	1.0	2.0	3.0	*3.0*	4.0	4.0	5.0
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: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
2.5°	221.0	222.0	223.0	223.0	225.0	226.0	227.0	228.0	228.0	229.0	230.0
5°	224.0	227.0	230.0	233.0	234.0	238.0	238.0	241.0	240.0	241.0	242.0
7.5°	233.0	236.0	241.0	245.0	248.0	250.0	251.0	254.0	255.0	255.0	254.0
10°	244.0	249.0	255.0	261.0	265.0	268.0	268.0	269.0	270.0	269.0	269.0
12.5°	258.0	263.0	270.0	278.0	283.0	284.0	285.0	283.0	279.0	275.0	275.0
15°	272.0	278.0	287.0	294.0	299.0	300.0	292.0	284.0	282.0	281.0	279.0
17.5°	287.0	292.0	302.0	311.1	315.1	305.1	296.0	297.0	301.0	303.1	301.0
20°	299.0	304.1	315.1	322.1	323.1	307.1	309.1	320.1	322.1	321.1	321.1
22.5°	314.1	317.1	323.1	330.1	324.1	316.1	330.1	330.1	327.1	322.1	323.1
25°	328.1	327.1	331.1	334.1	322.1	332.1	332.1	324.1	315.1	313.1	314.1
27.5°	342.1	336.1	334.1	336.1	328.1	331.1	319.1	305.1	297.0	294.0	296.0
30°	358.1	347.1	337.1	333.1	337.1	317.1	292.0	276.0	267.0	264.0	265.0
32.5°	376.1	360.1	338.1	333.1	328.1	287.0	254.0	230.0	230.0	234.0	235.0
35°	401.1	378.1	342.1	342.1	311.1	248.0	200.0	195.0	195.0	197.0	198.0
37.5°	425.1	398.1	347.1	358.1	288.0	203.0	169.0	163.0	158.0	153.0	156.0
40°	460.1	424.1	360.1	369.1	262.0	166.0	153.0	144.0	134.0	128.0	131.0
42.5°	502.1	457.1	377.1	371.1	234.0	153.0	146.0	137.0	126.0	117.0	121.0
45°	539.1	492.1	403.1	368.1	200.0	151.0	149.0	139.0	124.0	116.0	119.0
47.5°	587.1	530.1	433.1	366.1	173.0	164.0	154.0	135.0	118.0	110.0	112.0
50°	642.1	576.1	471.1	362.1	174.0	170.0	150.0	125.0	106.0	96.0	97.0
52.5°	696.1	625.1	524.1	352.1	181.0	167.0	136.0	106.0	96.0	93.0	92.0
55°	754.1	676.1	579.1	319.1	170.0	146.0	111.0	99.0	92.0	87.0	87.0
57.5°	816.1	732.1	639.1	278.0	149.0	125.0	101.0	92.0	87.0	83.0	83.0
60°	870.1	794.1	697.1	245.0	118.0	105.0	94.0	86.0	80.0	77.0	76.0
62.5°	*890.1*	*825.1*	*742.1*	*224.0*	*99.0*	*96.0*	*89.0*	*79.0*	*73.0*	*70.0*	*69.0*
65°	866.1	831.1	747.1	190.0	85.0	85.0	81.0	72.0	66.0	62.0	62.0
67.5°	877.1	876.1	795.1	138.0	74.0	74.0	73.0	63.0	58.0	55.0	55.0
70°	859.1	897.1	782.1	83.0	60.0	62.0	61.0	55.0	50.0	48.0	48.0
72.5°	858.1	935.2	737.1	54.0	49.0	51.0	50.0	47.0	42.0	41.0	40.0
75°	848.1	943.2	627.1	43.0	39.0	40.0	41.0	40.0	35.0	35.0	34.0
77.5°	641.1	636.1	340.1	33.0	30.0	31.0	33.0	32.0	28.0	32.0	27.0
80°	349.1	325.1	102.0	22.0	21.0	23.0	24.0	23.0	20.0	24.0	19.0
82.5°	71.0	85.0	31.0	14.0	13.0	14.0	15.0	13.0	11.0	10.0	9.0
85°	11.0	13.0	12.0	8.0	6.0	6.0	7.0	5.0	4.0	3.0	3.0
87.5°	5.0	5.0	4.0	3.0	2.0	1.0	1.0	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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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

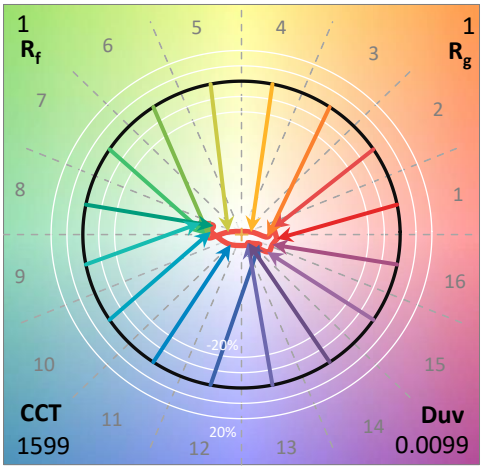
Test Information

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

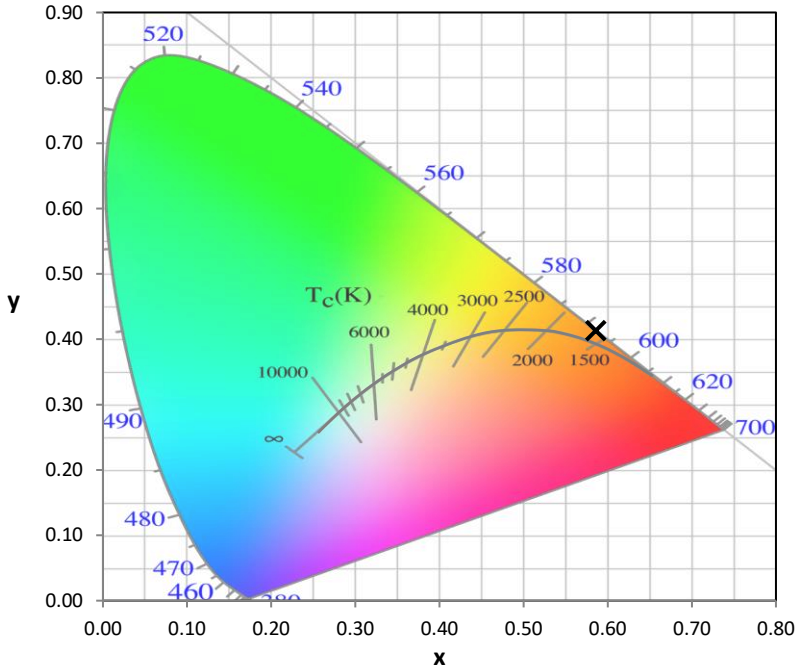
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

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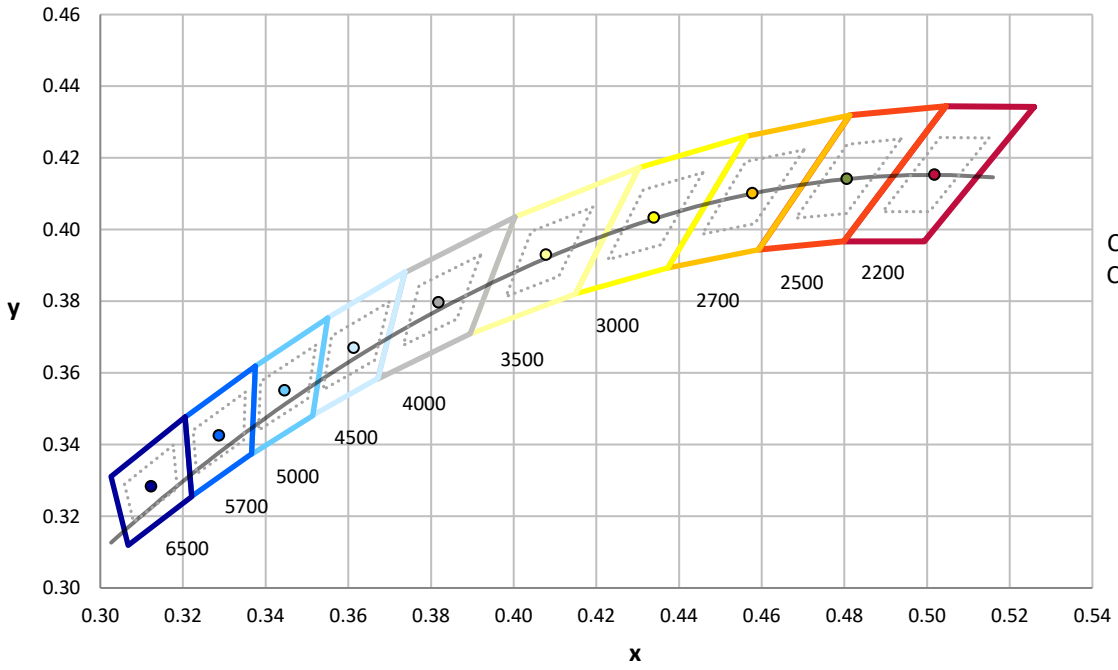
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

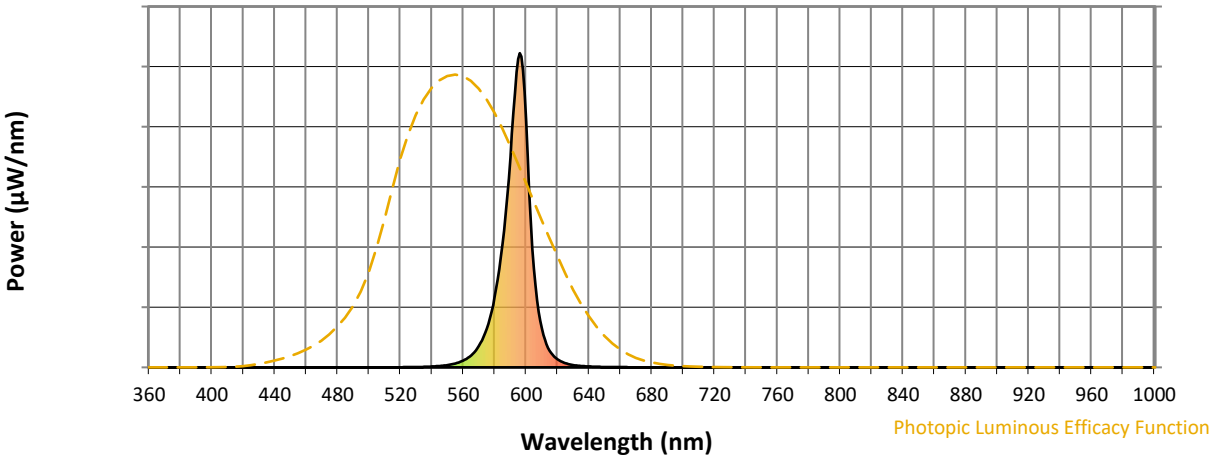


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

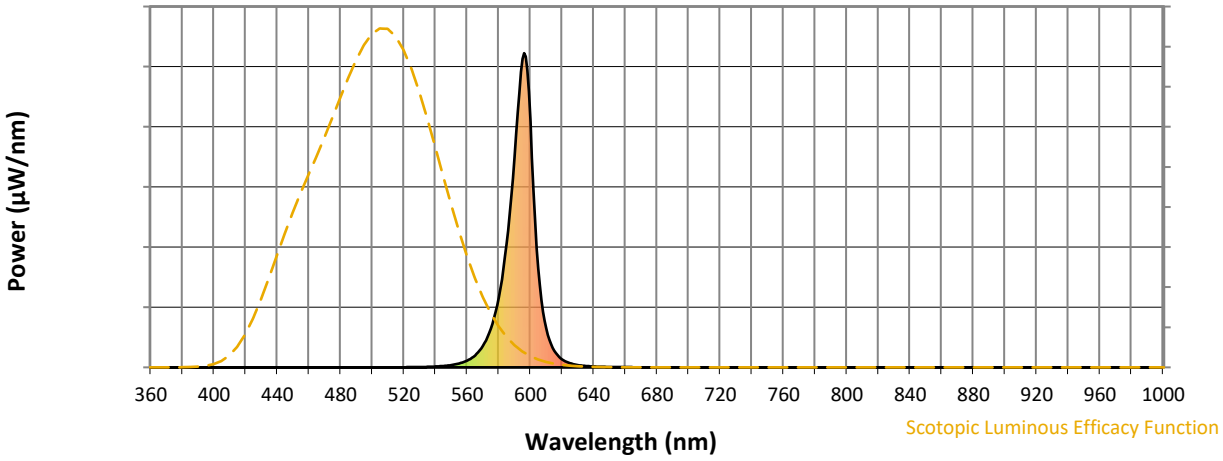


Photopic Lumens: NR

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

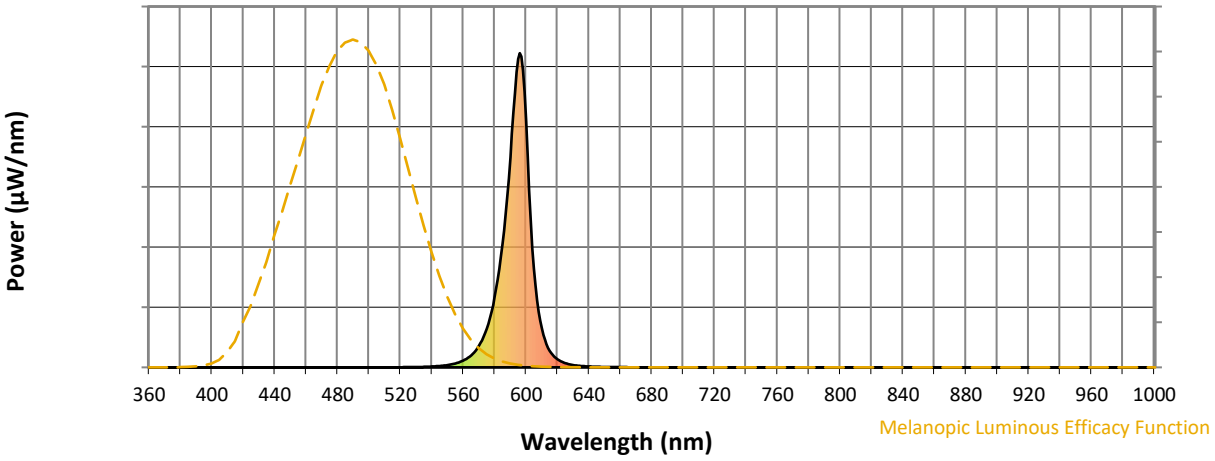


Scotopic Lumens: NR **S/P: 0.23**

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			

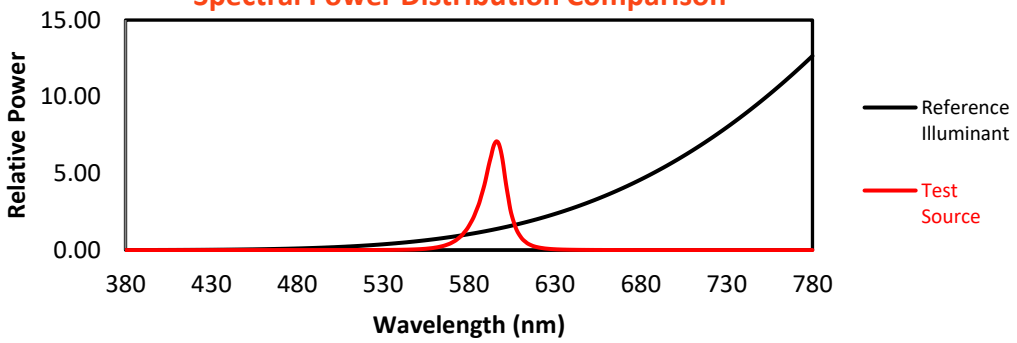
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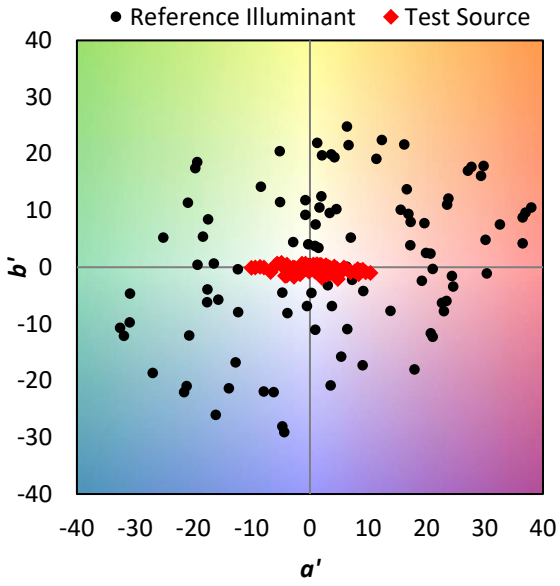
Summary

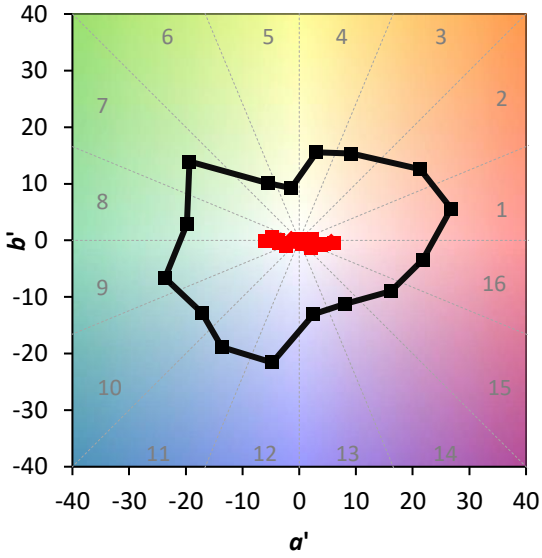
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

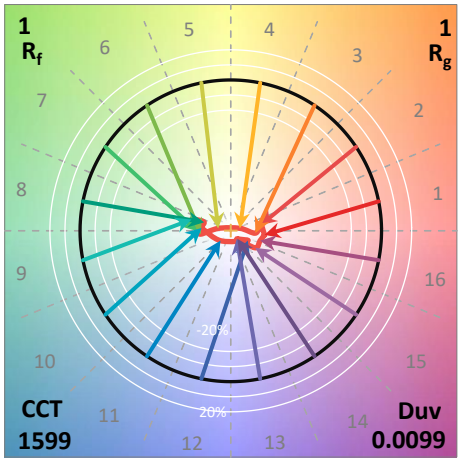
Spectral Power Distribution Comparison

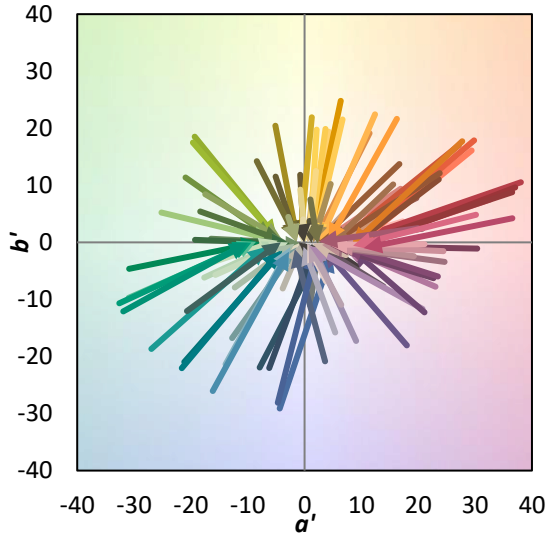


Color Vector Graphics







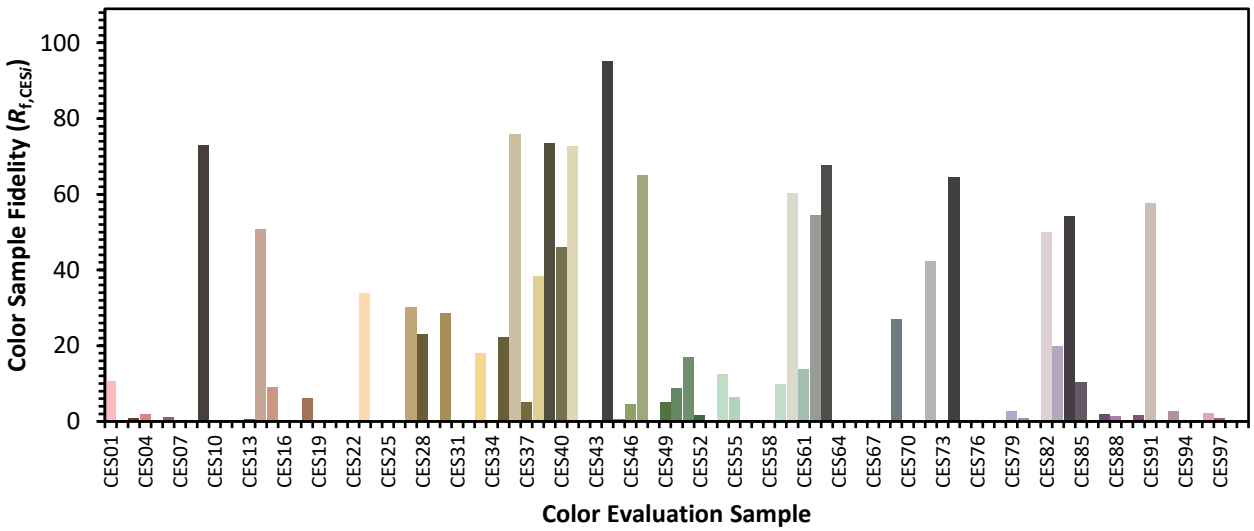


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Individual Sample Fidelity Index ($R_{f,i}$)

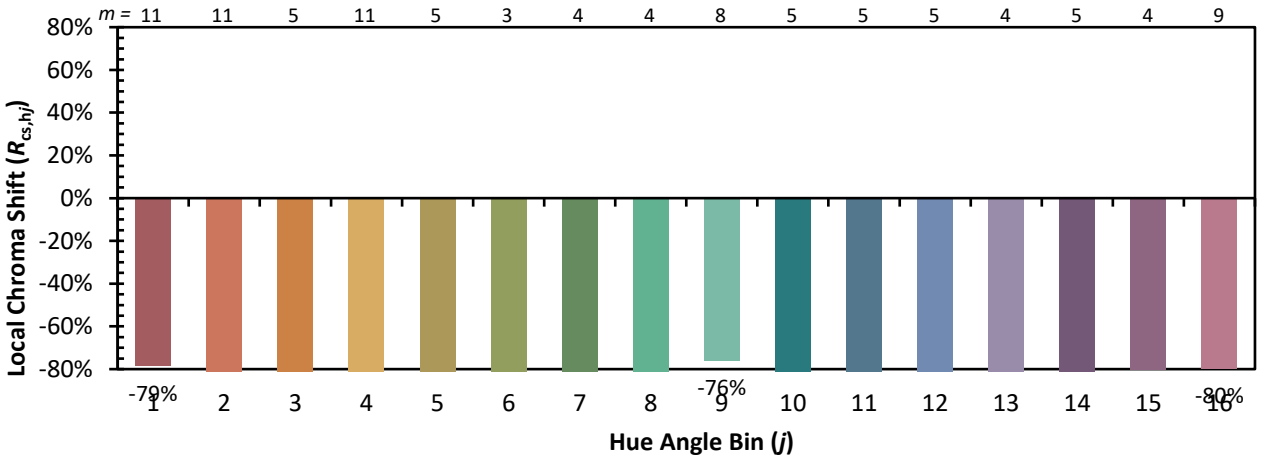
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

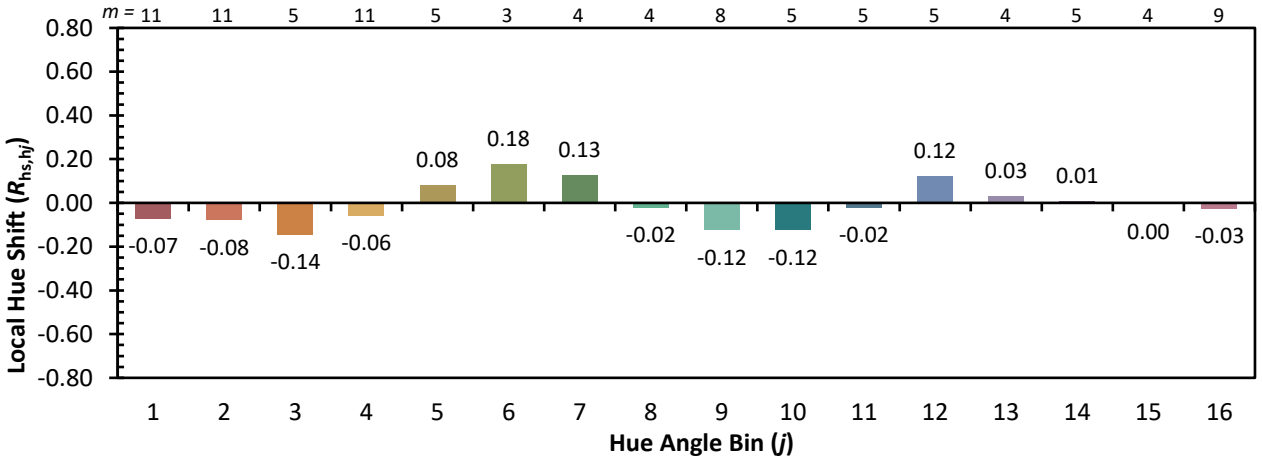


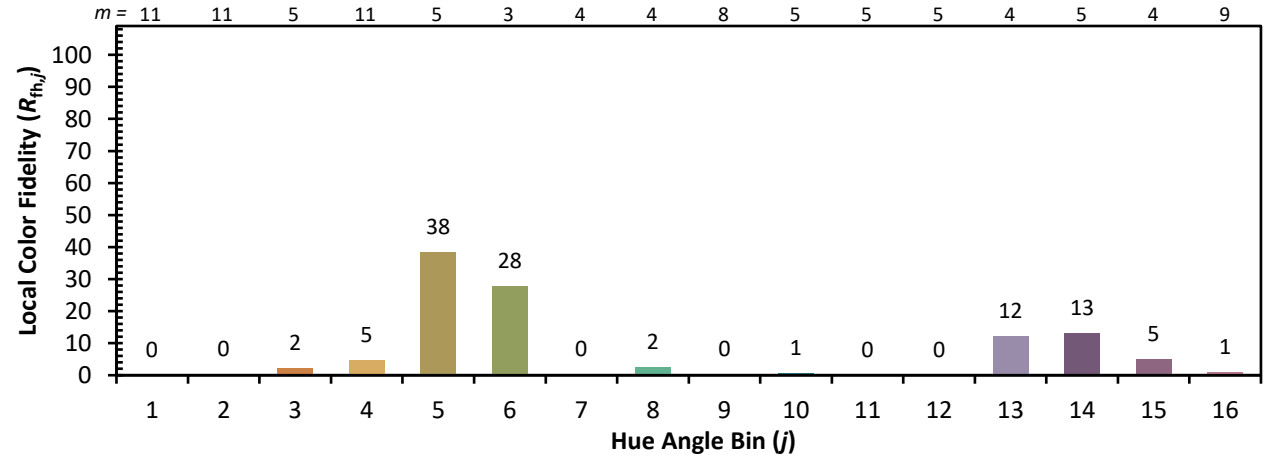
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Color Rendition by Hue-Angle Bin



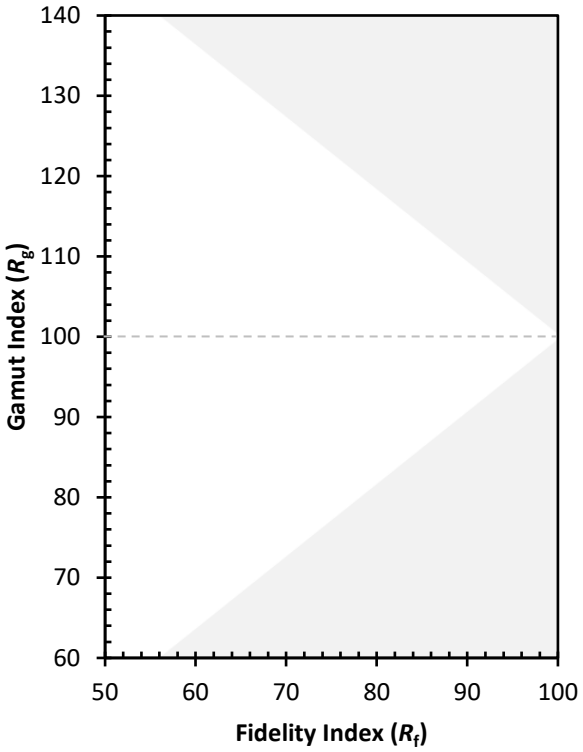


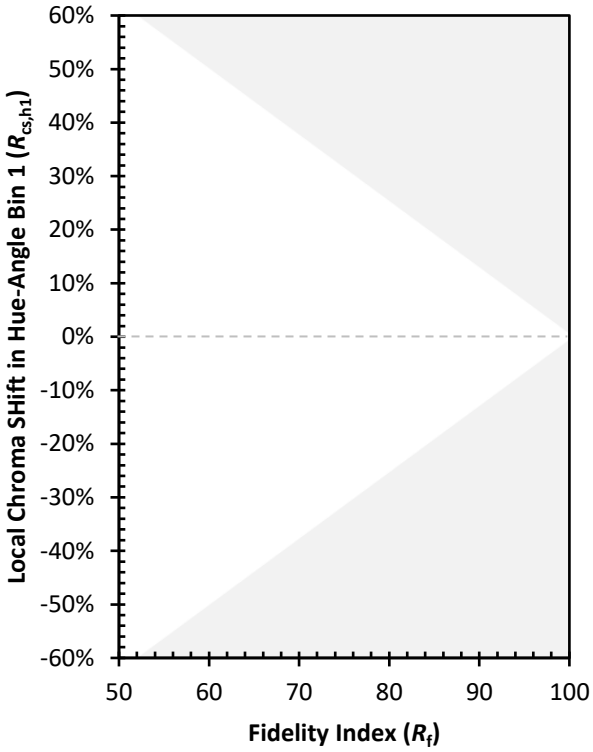


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Measure Comparisons





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