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-T4FT

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-T4FT
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 FORWARD THROW DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2055.7 lumens
Efficiency:	N/A
Efficacy:	57.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

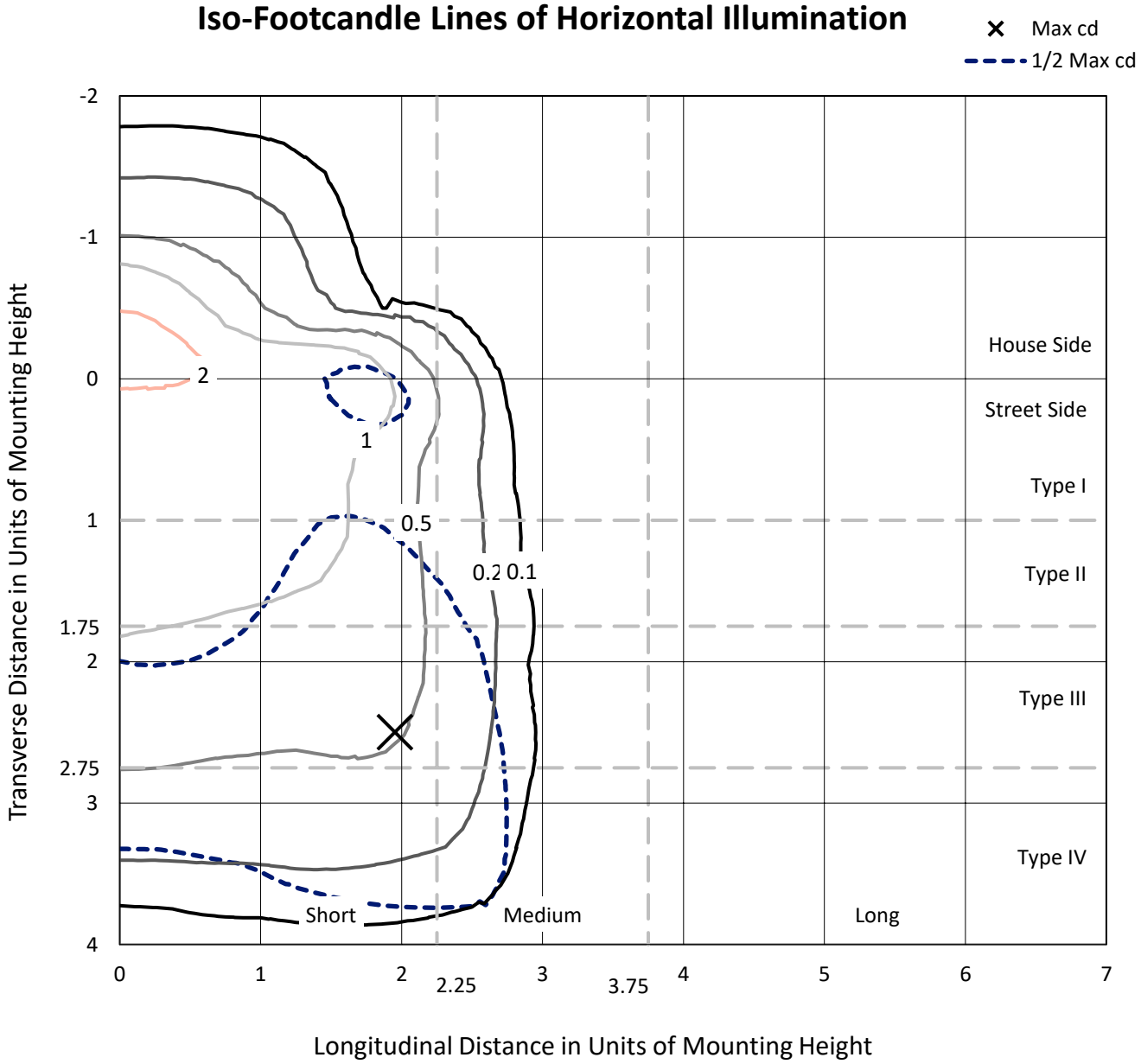


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REPORT NUMBER: P1704728
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Iso-Footcandle Lines of Horizontal Illumination



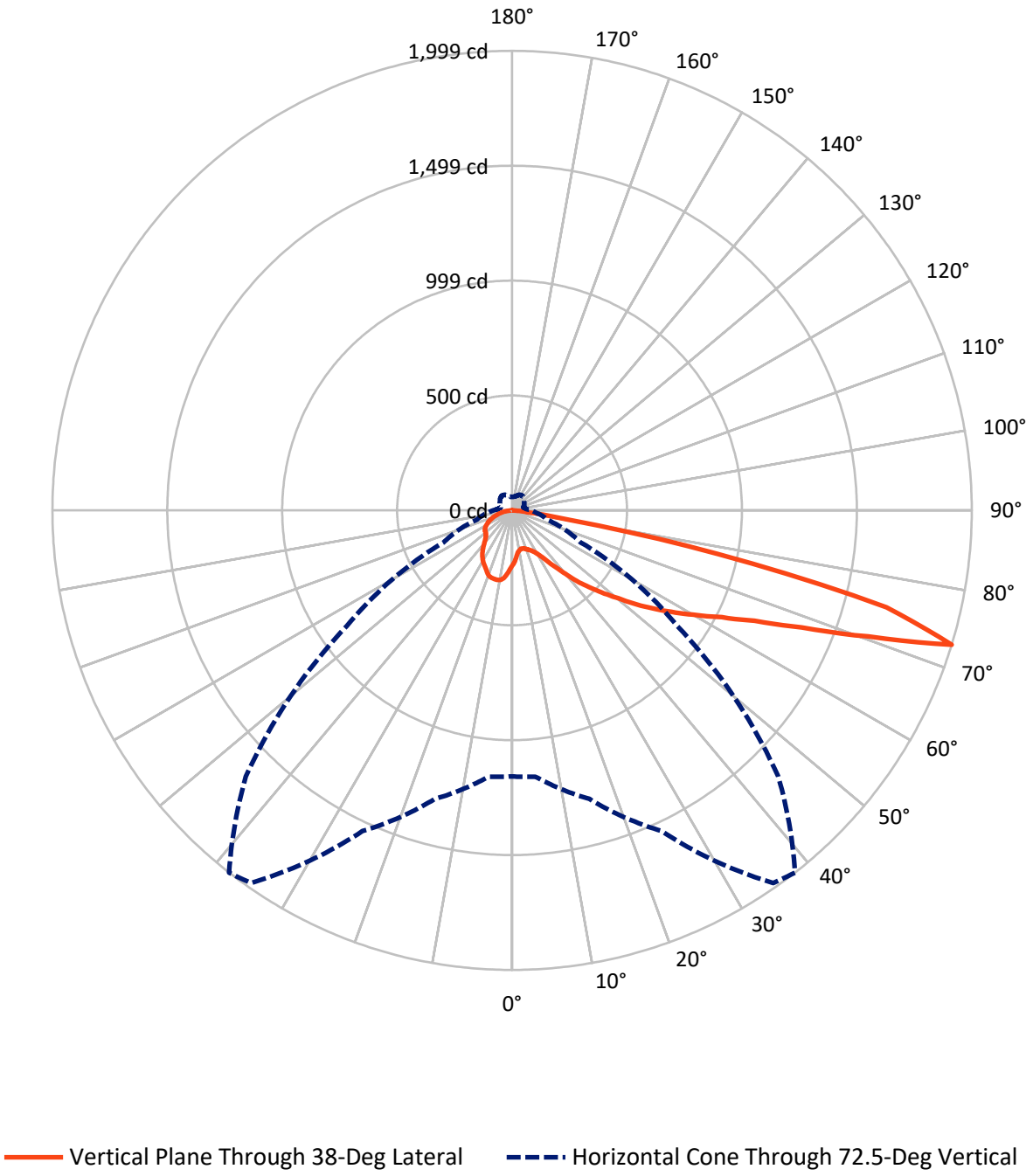
Based on 10 foot mounting height. Maximum calculated value = 3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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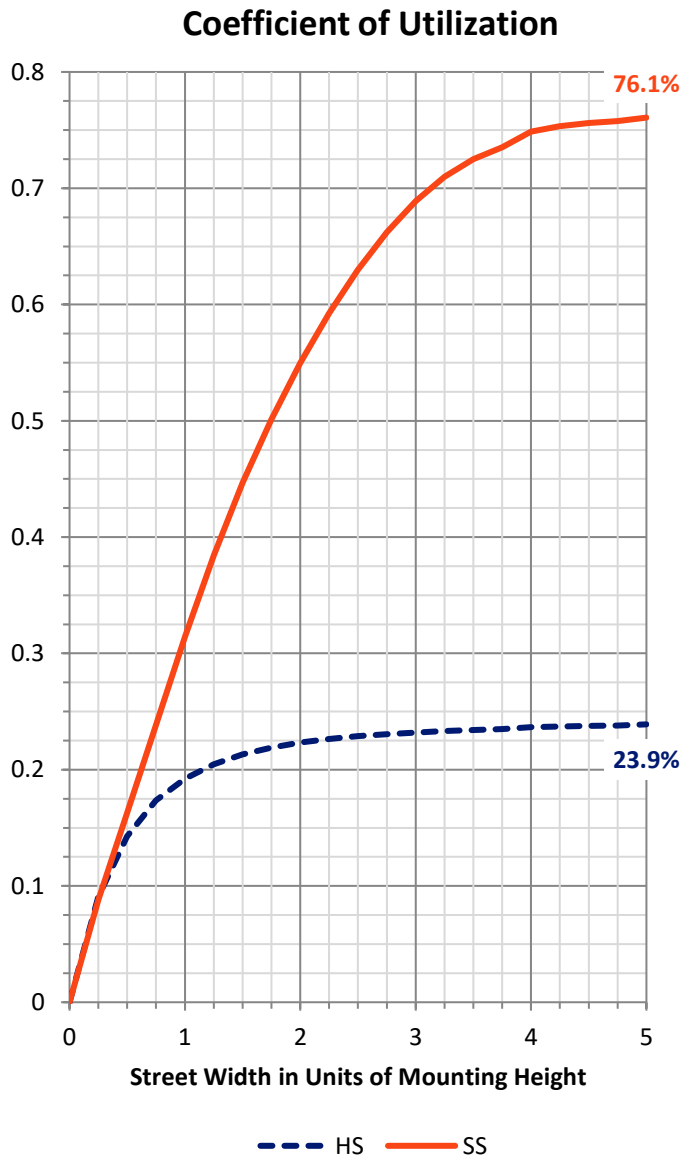
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	496.6	0.0	496.6
	% Fixture	24.2	0.0	24.2
Street Side	Lumens	1559.1	0.0	1559.1
	% Fixture	75.8	0.0	75.8
Total	Lumens	2055.7	0.0	2055.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	1.1
10°-20°	68.8	3.3
20°-30°	116.0	5.6
30°-40°	178.2	8.7
40°-50°	275.0	13.4
50°-60°	436.5	21.2
60°-70°	568.8	27.7
70°-80°	369.7	18.0
80°-90°	19.7	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°	2055.7	100.0
0°-180°	2055.7	100.0



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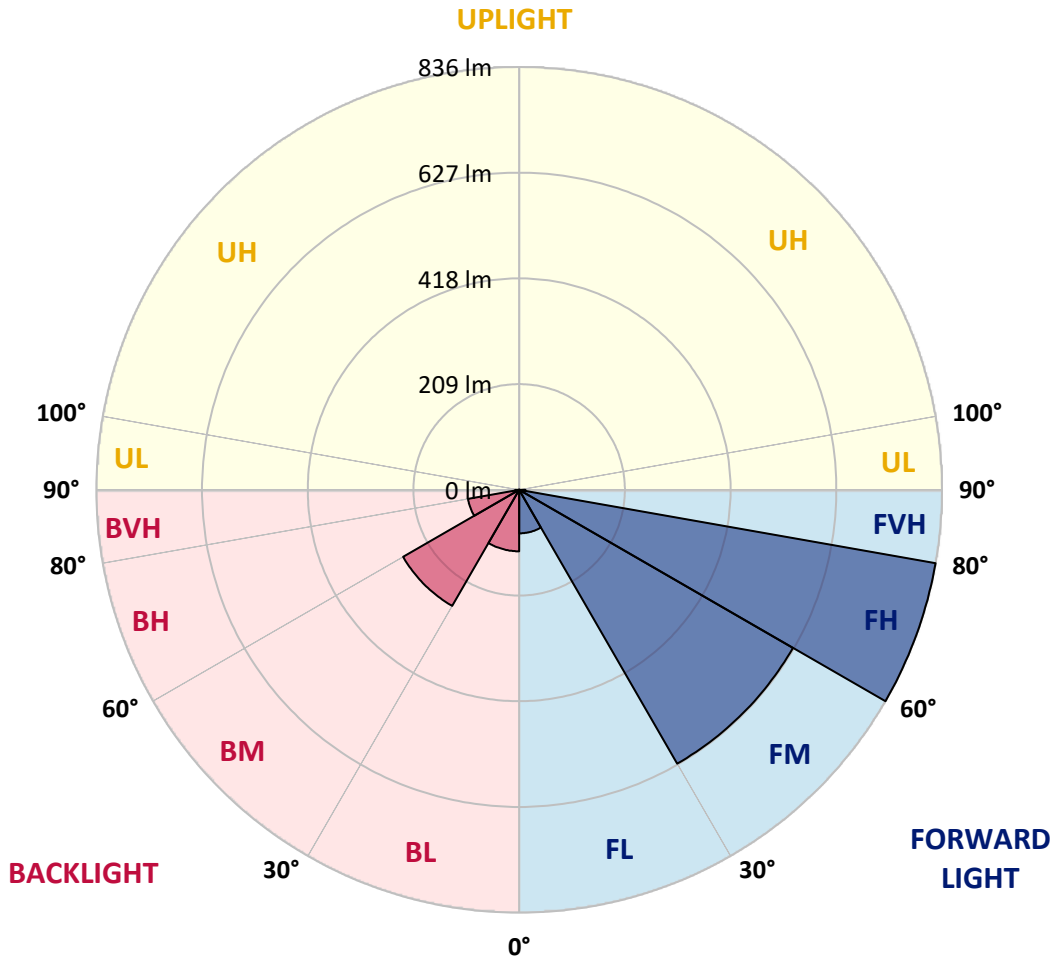
Scaled Data Report

REPORT NUMBER: P1704728
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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°)	86.1	4.2			
FM	(30°-60°)	625.0	30.4			
FH	(60°-80°)	835.8	40.7			G1/1800
FVH	(80°-90°)	12.2	0.6			G1/100
BL	(0°-30°)	121.6	5.9	B1/500		
BM	(30°-60°)	264.8	12.9	B1/1000		
BH	(60°-80°)	102.7	5.0	B0/110		G0/110
BVH	(80°-90°)	7.5	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	38°	45°	55°	65°	75°	85°
0°	238.1	238.1	238.1	238.1	238.1	*238.1*	238.1	238.1	238.1	238.1	238.1
2.5°	219.1	218.1	219.1	219.1	223.1	*223.1*	223.1	226.1	229.1	232.1	236.1
5°	192.1	190.1	191.1	193.1	196.1	*201.1*	203.1	210.1	216.1	225.1	234.1
7.5°	173.1	173.1	174.1	177.1	181.1	*184.1*	189.1	197.1	207.1	220.1	232.1
10°	164.0	164.0	165.0	167.0	172.1	*176.1*	179.1	189.1	201.1	217.1	232.1
12.5°	161.0	161.0	162.0	164.0	169.0	*171.1*	176.1	186.1	198.1	215.1	235.1
15°	163.0	162.0	162.0	164.0	169.0	*172.1*	177.1	187.1	199.1	217.1	238.1
17.5°	167.0	167.0	166.0	168.0	171.1	*174.1*	179.1	190.1	203.1	218.1	241.1
20°	172.1	173.1	170.1	172.1	177.1	*180.1*	184.1	195.1	208.1	221.1	244.1
22.5°	182.1	182.1	178.1	178.1	183.1	*186.1*	190.1	201.1	213.1	227.1	252.1
25°	199.1	198.1	192.1	188.1	189.1	*193.1*	199.1	208.1	220.1	233.1	257.1
27.5°	226.1	225.1	215.1	206.1	202.1	*204.1*	208.1	219.1	229.1	238.1	267.1
30°	266.1	263.1	251.1	232.1	221.1	*220.1*	222.1	233.1	240.1	248.1	279.1
32.5°	306.1	306.1	292.1	266.1	248.1	*244.1*	241.1	250.1	257.1	265.1	297.1
35°	352.1	347.1	332.1	308.1	282.1	*279.1*	270.1	274.1	282.1	285.1	316.1
37.5°	393.1	390.1	377.1	355.1	326.1	*321.1*	308.1	309.1	313.1	308.1	345.1
40°	432.1	432.1	418.1	404.1	380.1	*370.1*	355.1	353.1	350.1	341.1	381.1
42.5°	482.1	474.1	455.1	445.1	433.1	*428.1*	416.1	408.1	398.1	382.1	428.1
45°	511.2	506.1	486.1	484.1	481.1	*482.1*	478.1	471.1	457.1	433.1	488.1
47.5°	540.2	536.2	525.2	531.2	533.2	*540.2*	550.2	546.2	519.2	487.1	569.2
50°	594.2	591.2	579.2	589.2	596.2	*602.2*	620.2	628.2	588.2	552.2	660.2
52.5°	646.2	648.2	640.2	651.2	668.2	*680.2*	699.2	709.2	656.2	624.2	778.2
55°	699.2	697.2	705.2	719.2	747.2	*757.2*	787.2	798.2	726.2	690.2	911.3
57.5°	759.2	756.2	760.2	782.2	824.2	*838.2*	868.3	882.3	786.2	760.2	1061.3
60°	846.2	828.2	832.2	853.3	910.3	*924.3*	966.3	976.3	843.2	816.2	1167.3
62.5°	951.3	935.3	918.3	932.3	1004.3	*1023.3*	1082.3	1060.3	885.3	816.2	1116.3
65°	1028.3	1016.3	1014.3	1052.3	1134.3	*1158.3*	1212.4	1138.3	860.3	733.2	945.3
67.5°	1148.3	1146.3	1108.3	1166.3	1330.4	*1358.4*	1392.4	1147.3	776.2	606.2	633.2
70°	1271.4	1274.4	1280.4	1369.4	1605.5	*1643.5*	1657.5	1093.3	613.2	359.1	268.1
72.5°	*1157.3*	*1162.3*	*1299.4*	*1538.5*	*1978.6*	*1998.6*	*1636.5*	*877.3*	*329.1*	*160.0*	*103.0*
75°	560.2	599.2	863.3	1316.4	1774.5	*1681.5*	1097.3	312.1	131.0	83.0	62.0
77.5°	119.0	125.0	238.1	644.2	1002.3	*913.3*	429.1	92.0	64.0	54.0	41.0
80°	35.0	38.0	56.0	120.0	259.1	*251.1*	91.0	46.0	41.0	37.0	28.0
82.5°	20.0	21.0	32.0	44.0	66.0	*65.0*	33.0	27.0	27.0	24.0	16.0
85°	9.0	10.0	13.0	21.0	24.0	*22.0*	14.0	12.0	13.0	13.0	8.0
87.5°	1.0	2.0	2.0	3.0	3.0	*3.0*	3.0	3.0	3.0	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-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	238.1	238.1	238.1	238.1	238.1	238.1	238.1	238.1	238.1	238.1	238.1
2.5°	238.1	240.1	244.1	246.1	250.1	253.1	256.1	256.1	258.1	259.1	259.1
5°	238.1	242.1	251.1	257.1	266.1	273.1	279.1	282.1	284.1	286.1	285.1
7.5°	239.1	246.1	258.1	271.1	283.1	292.1	299.1	303.1	305.1	306.1	308.1
10°	241.1	250.1	267.1	284.1	297.1	304.1	308.1	310.1	310.1	311.1	311.1
12.5°	244.1	256.1	277.1	297.1	305.1	309.1	309.1	309.1	307.1	307.1	306.1
15°	250.1	261.1	287.1	305.1	310.1	308.1	308.1	304.1	302.1	302.1	302.1
17.5°	253.1	267.1	297.1	310.1	310.1	308.1	306.1	298.1	295.1	292.1	291.1
20°	260.1	274.1	305.1	312.1	310.1	306.1	300.1	290.1	283.1	281.1	282.1
22.5°	266.1	281.1	311.1	310.1	307.1	298.1	287.1	278.1	276.1	275.1	274.1
25°	275.1	292.1	315.1	306.1	299.1	284.1	274.1	272.1	272.1	271.1	273.1
27.5°	285.1	306.1	318.1	300.1	282.1	267.1	266.1	269.1	271.1	270.1	270.1
30°	300.1	323.1	321.1	291.1	263.1	251.1	257.1	263.1	266.1	265.1	266.1
32.5°	320.1	343.1	321.1	279.1	241.1	236.1	245.1	253.1	257.1	258.1	260.1
35°	346.1	368.1	323.1	262.1	226.1	223.1	230.1	237.1	245.1	248.1	249.1
37.5°	381.1	402.1	322.1	242.1	216.1	210.1	211.1	216.1	220.1	225.1	230.1
40°	432.1	440.1	318.1	225.1	206.1	195.1	190.1	192.1	193.1	196.1	199.1
42.5°	491.1	480.1	306.1	213.1	196.1	181.1	172.1	169.0	167.0	170.1	171.1
45°	558.2	525.2	292.1	201.1	184.1	170.1	160.0	154.0	149.0	146.0	145.0
47.5°	642.2	583.2	286.1	185.1	169.0	161.0	152.0	144.0	139.0	131.0	131.0
50°	731.2	648.2	270.1	164.0	157.0	156.0	148.0	140.0	134.0	122.0	120.0
52.5°	838.2	725.2	243.1	146.0	148.0	156.0	145.0	135.0	125.0	114.0	113.0
55°	960.3	808.2	197.1	130.0	141.0	153.0	142.0	130.0	115.0	105.0	103.0
57.5°	1069.3	878.3	154.0	116.0	130.0	145.0	137.0	119.0	103.0	95.0	94.0
60°	1138.3	889.3	122.0	105.0	119.0	138.0	129.0	108.0	96.0	88.0	87.0
62.5°	1022.3	743.2	99.0	93.0	108.0	127.0	119.0	101.0	89.0	81.0	80.0
65°	829.2	549.2	82.0	83.0	98.0	115.0	112.0	94.0	82.0	75.0	73.0
67.5°	516.2	313.1	68.0	75.0	86.0	101.0	101.0	89.0	75.0	68.0	68.0
70°	205.1	122.0	59.0	66.0	76.0	87.0	91.0	80.0	69.0	64.0	63.0
72.5°	*82.0*	*63.0*	*50.0*	*59.0*	*64.0*	*73.0*	*78.0*	*75.0*	*64.0*	*59.0*	*59.0*
75°	52.0	45.0	42.0	50.0	53.0	58.0	69.0	67.0	60.0	72.0	73.0
77.5°	35.0	30.0	33.0	40.0	42.0	49.0	57.0	57.0	50.0	56.0	46.0
80°	24.0	21.0	24.0	28.0	31.0	39.0	45.0	44.0	39.0	38.0	34.0
82.5°	14.0	13.0	17.0	18.0	18.0	26.0	32.0	31.0	28.0	26.0	25.0
85°	5.0	5.0	8.0	9.0	9.0	13.0	18.0	17.0	17.0	15.0	15.0
87.5°	1.0	1.0	1.0	1.0	2.0	3.0	4.0	3.0	3.0	4.0	4.0
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

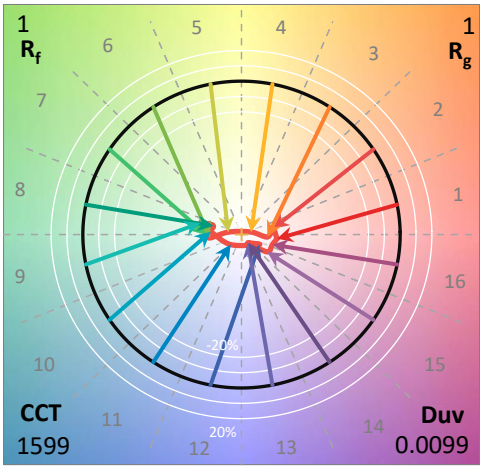
Test Information

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

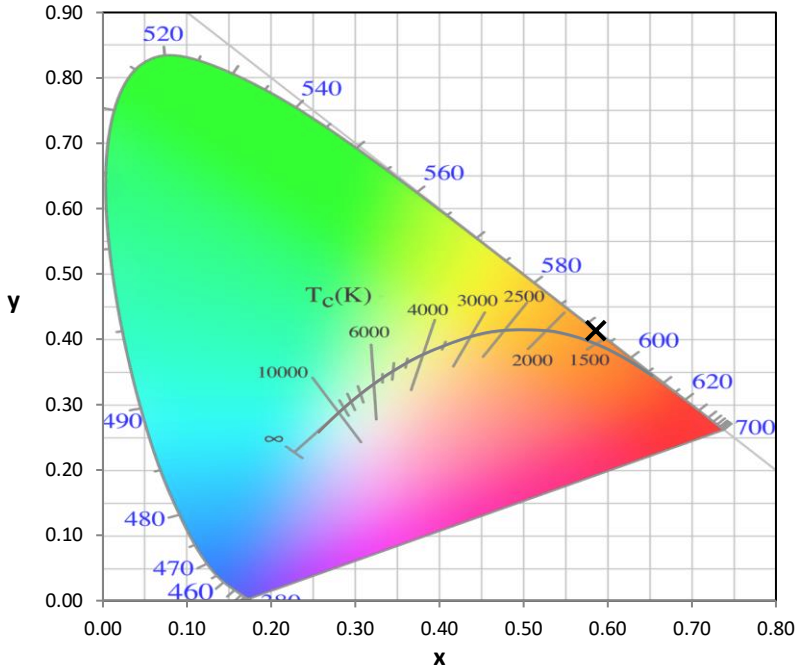
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

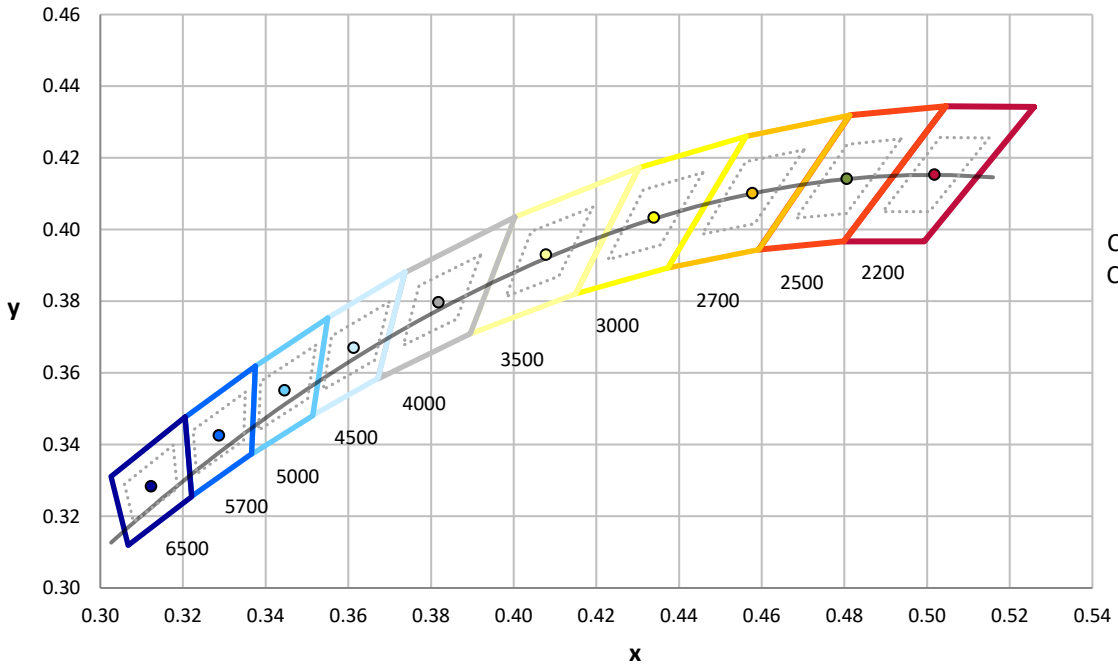
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

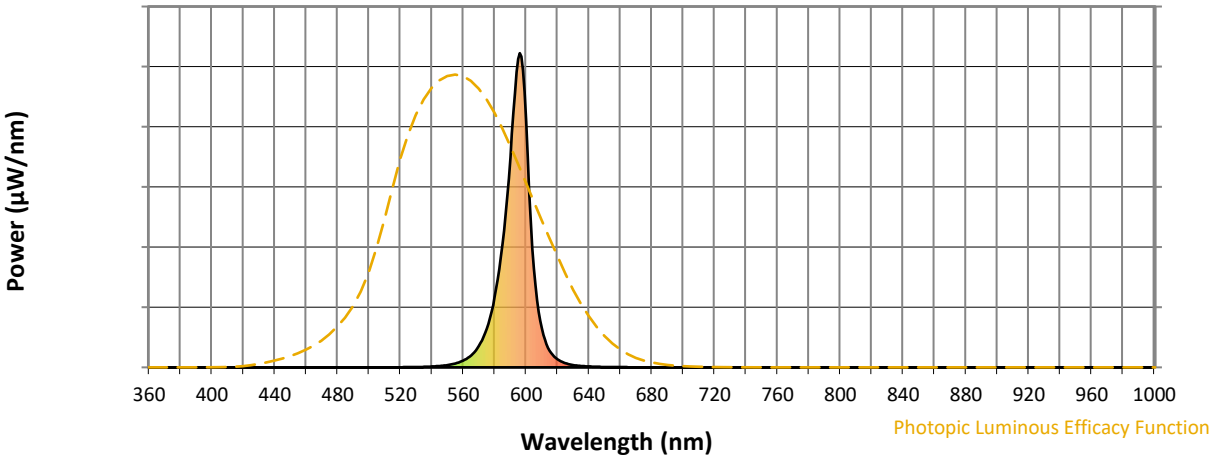


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

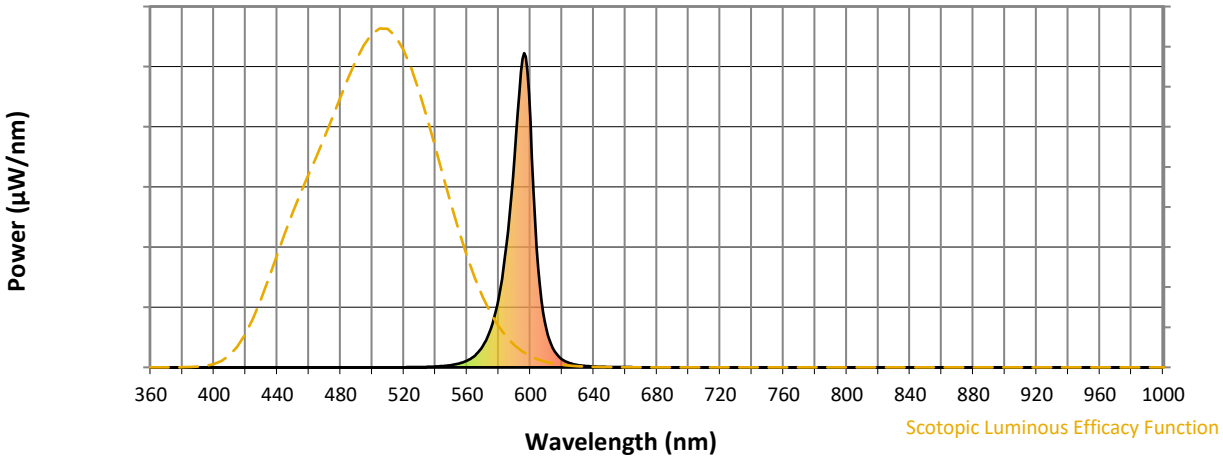


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

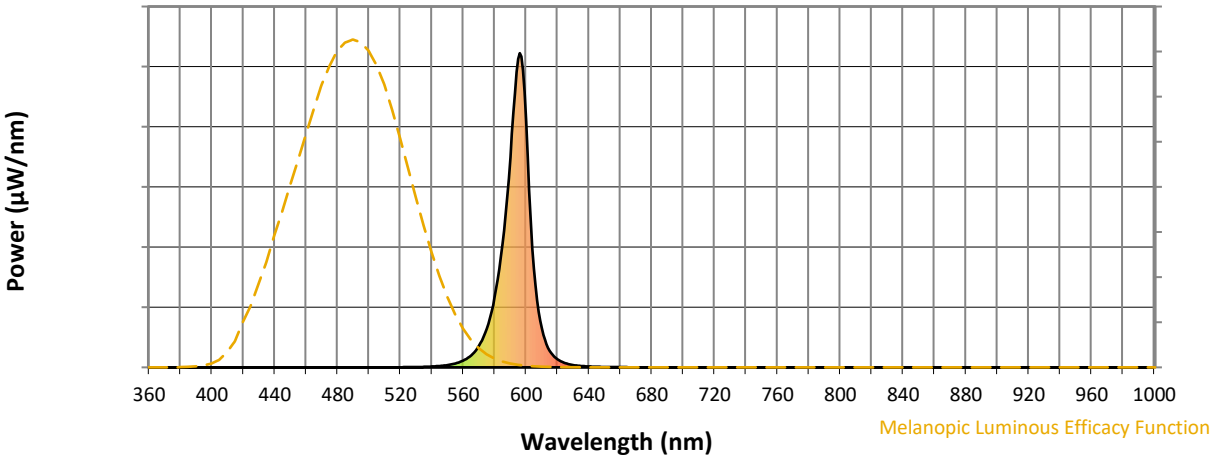


Scotopic Lumens: NR **S/P: 0.23**

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			

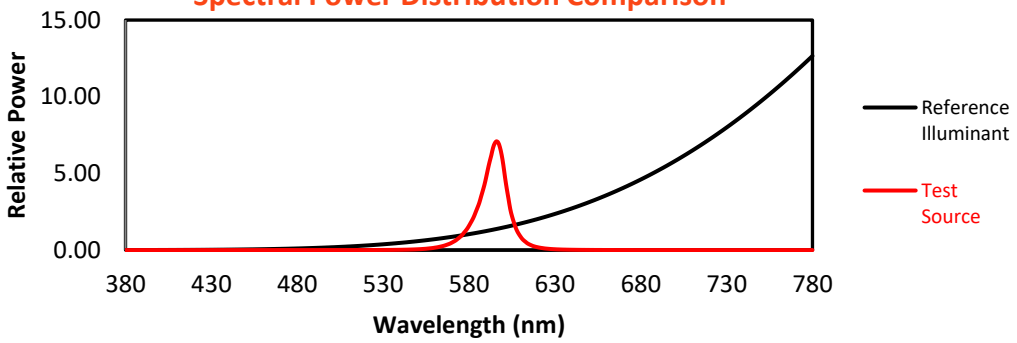
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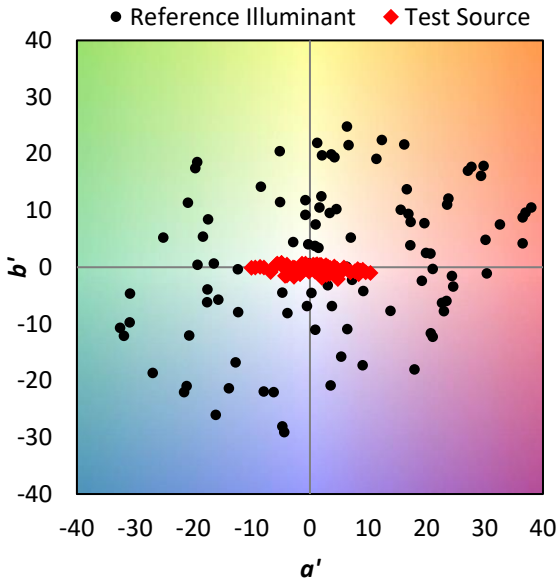
Summary

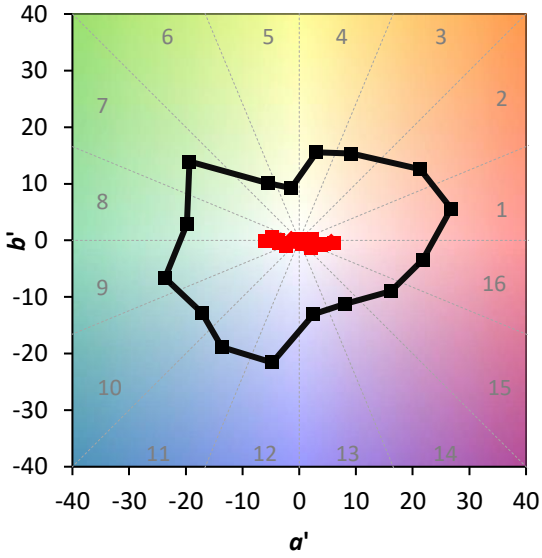
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

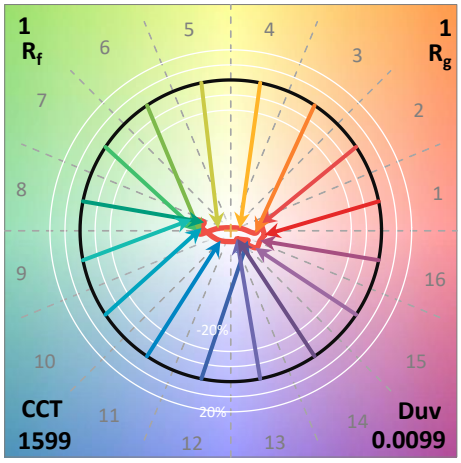
Spectral Power Distribution Comparison

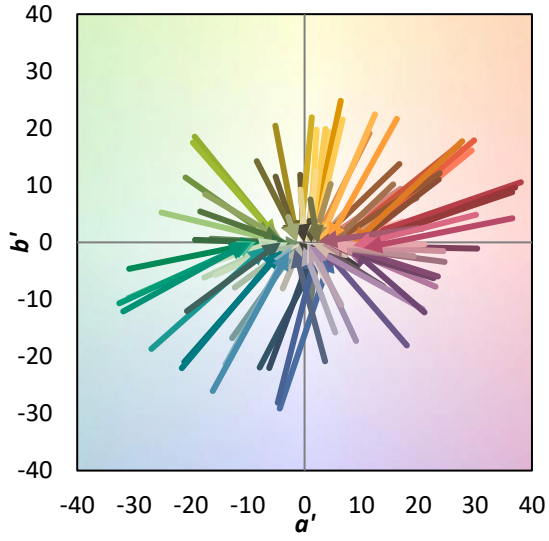


Color Vector Graphics







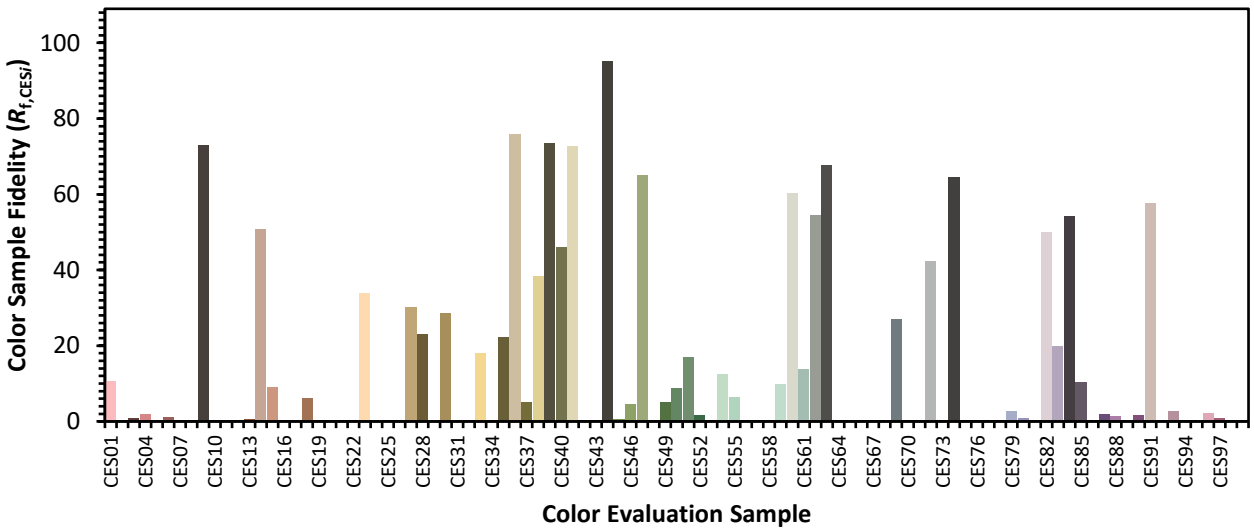


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Individual Sample Fidelity Index ($R_{f,i}$)

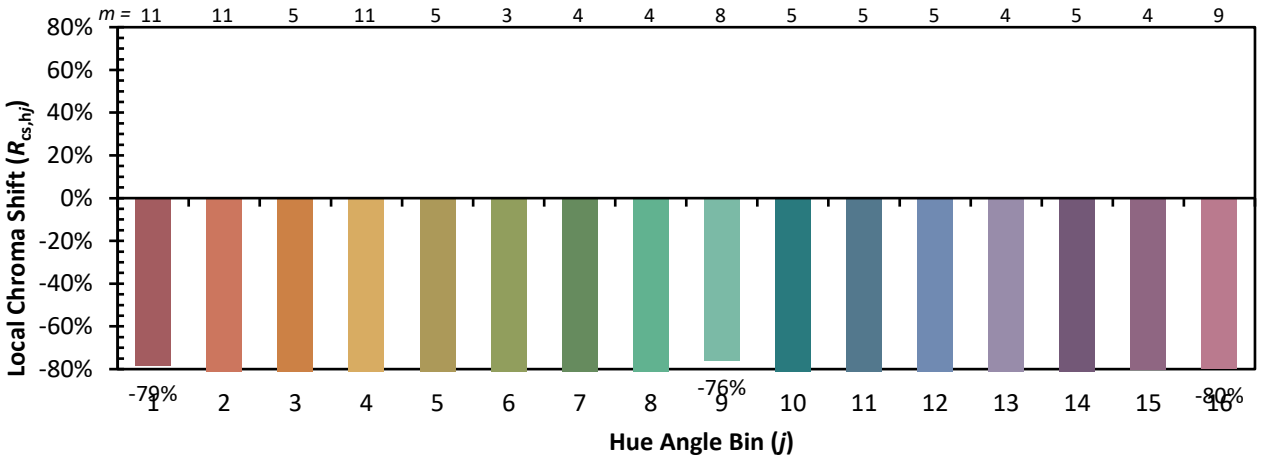
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

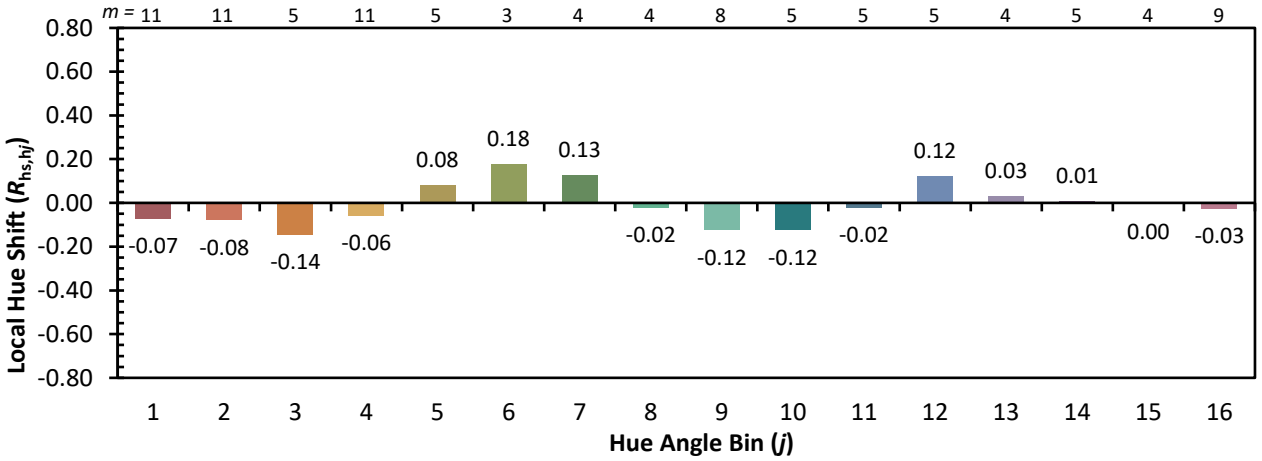


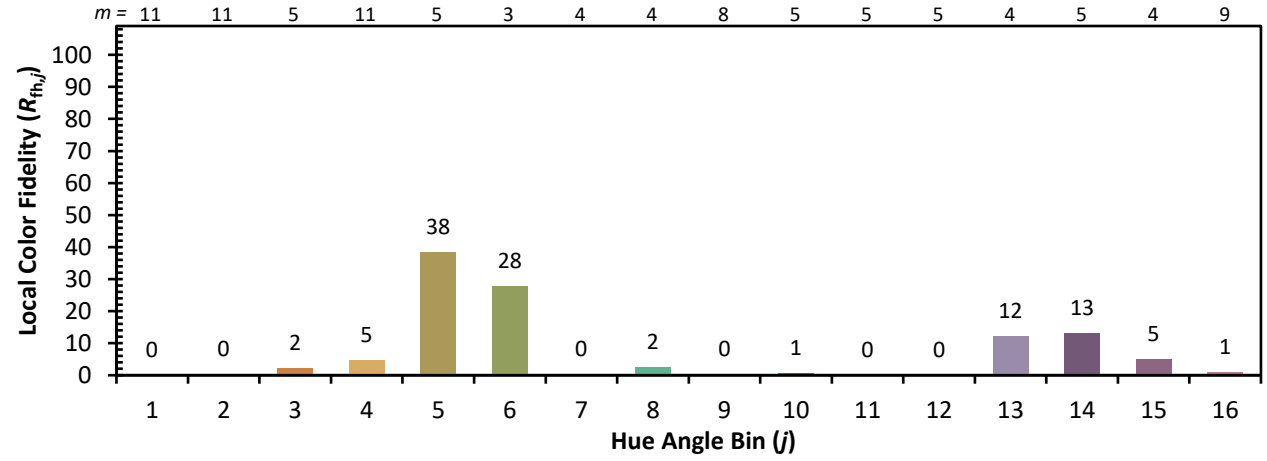
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Color Rendition by Hue-Angle Bin



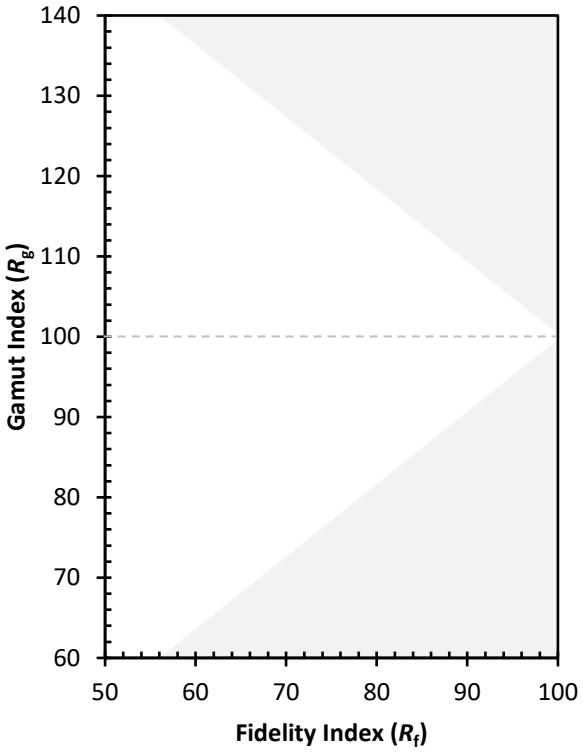


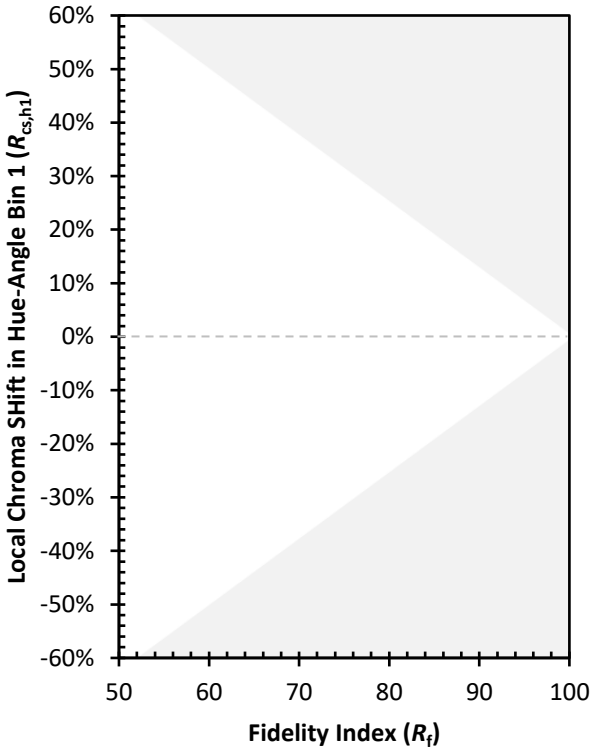


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Measure Comparisons





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