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-T3R-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:	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-T3R-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T3 ROADWAY DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1706.1 lumens
Efficiency:	N/A
Efficacy:	47.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B0 - 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

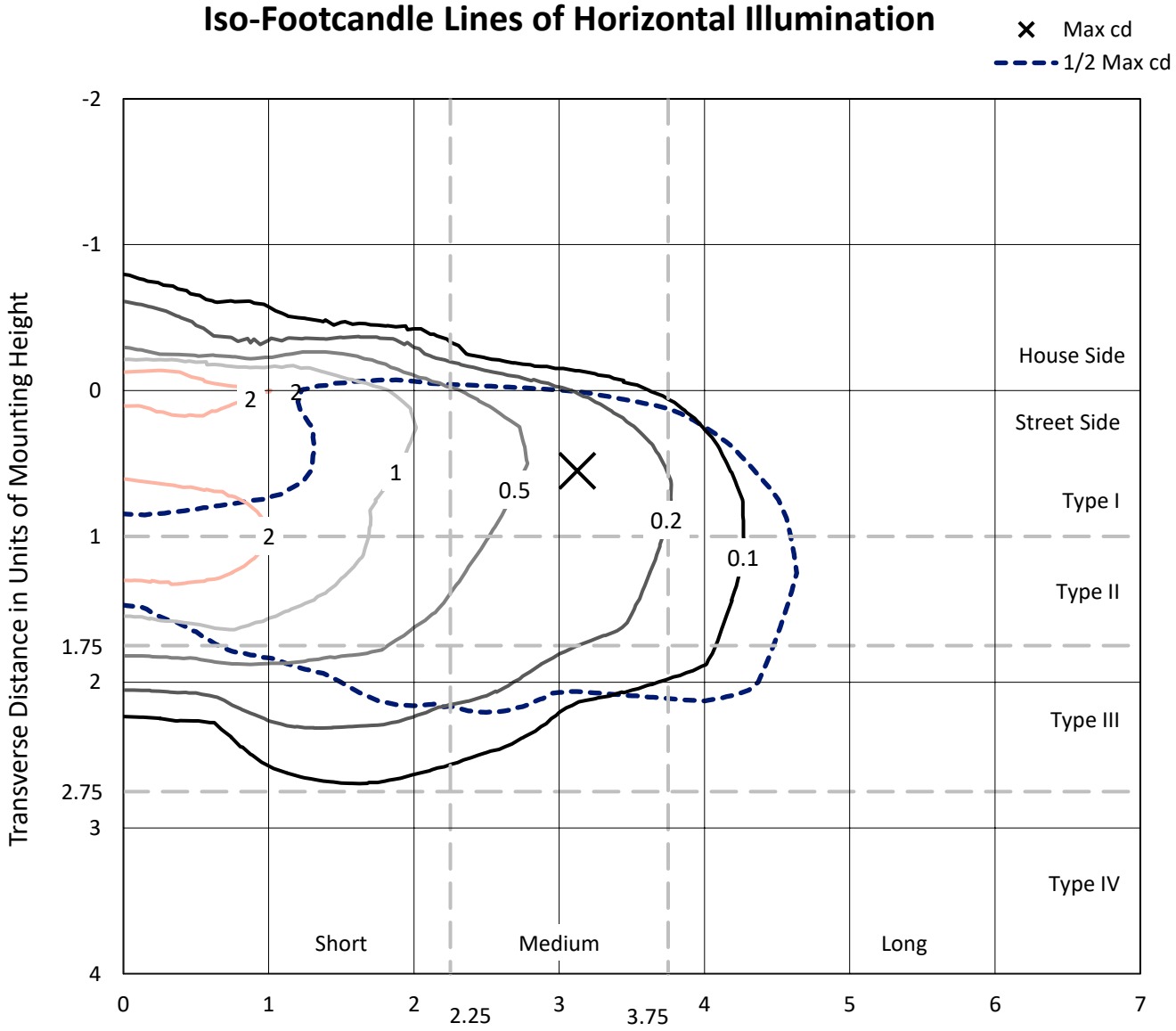


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



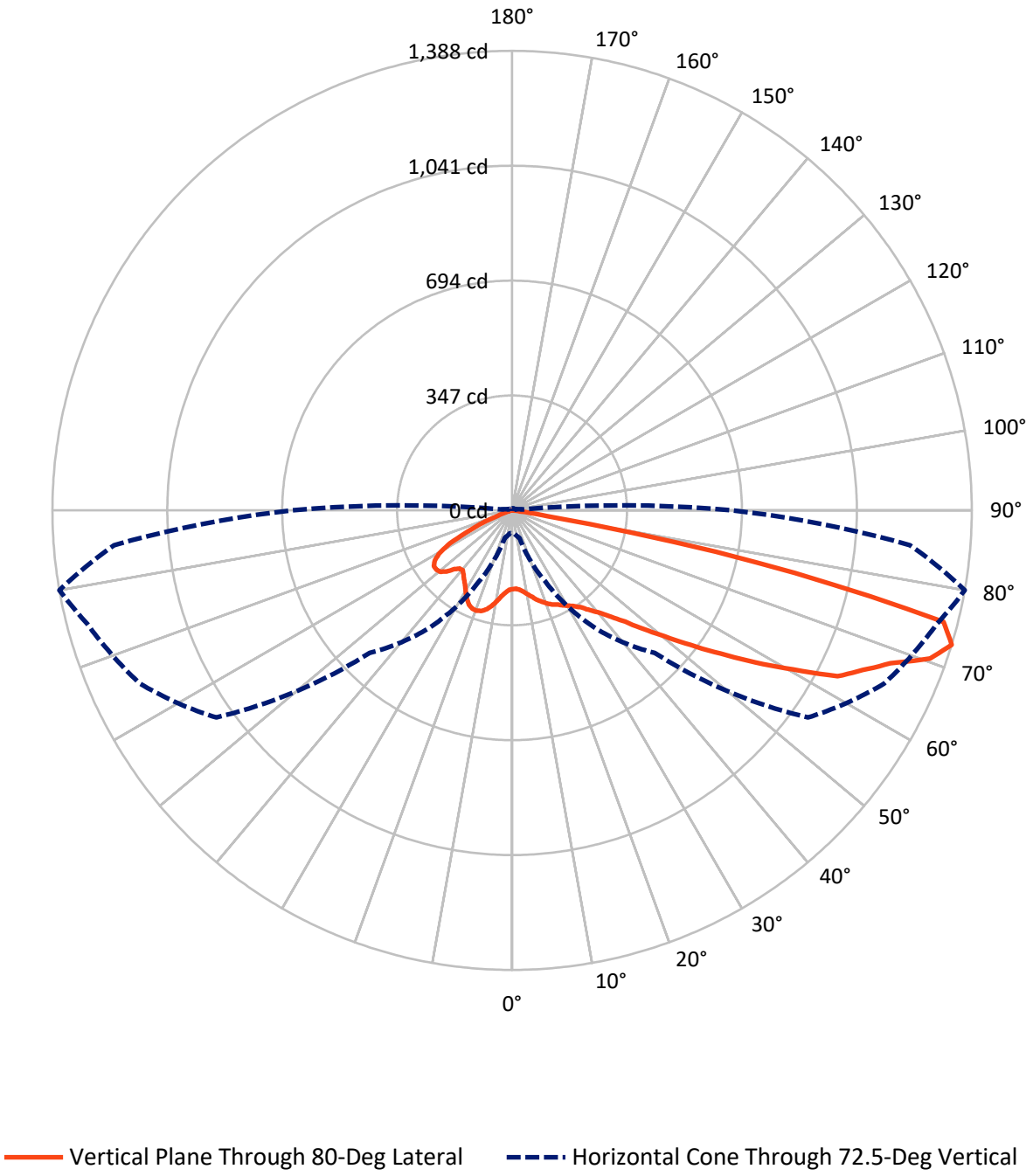
Based on 10 foot mounting height. Maximum calculated value = 3.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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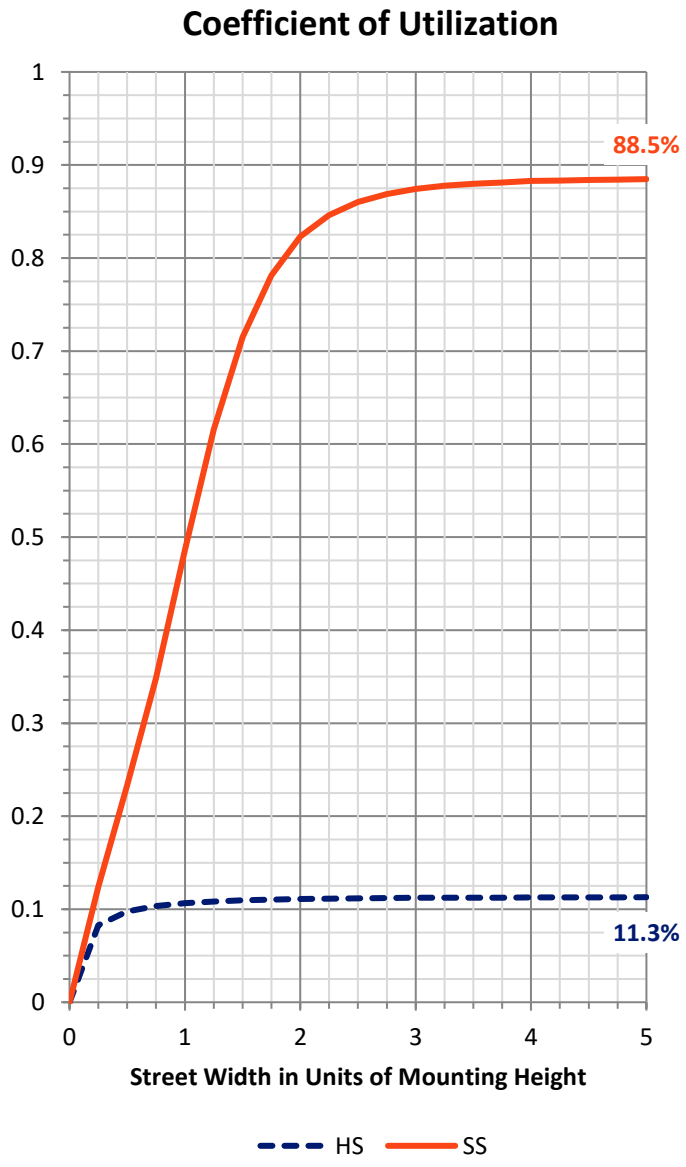
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	194.2	0.0	194.2
	% Fixture	11.4	0.0	11.4
Street Side	Lumens	1511.9	0.0	1511.9
	% Fixture	88.6	0.0	88.6
Total	Lumens	1706.1	0.0	1706.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	1.3
10°-20°	53.1	3.1
20°-30°	79.3	4.6
30°-40°	135.6	7.9
40°-50°	272.8	16.0
50°-60°	430.7	25.2
60°-70°	434.4	25.5
70°-80°	268.4	15.7
80°-90°	10.0	0.6
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°	1706.1	100.0
0°-180°	1706.1	100.0



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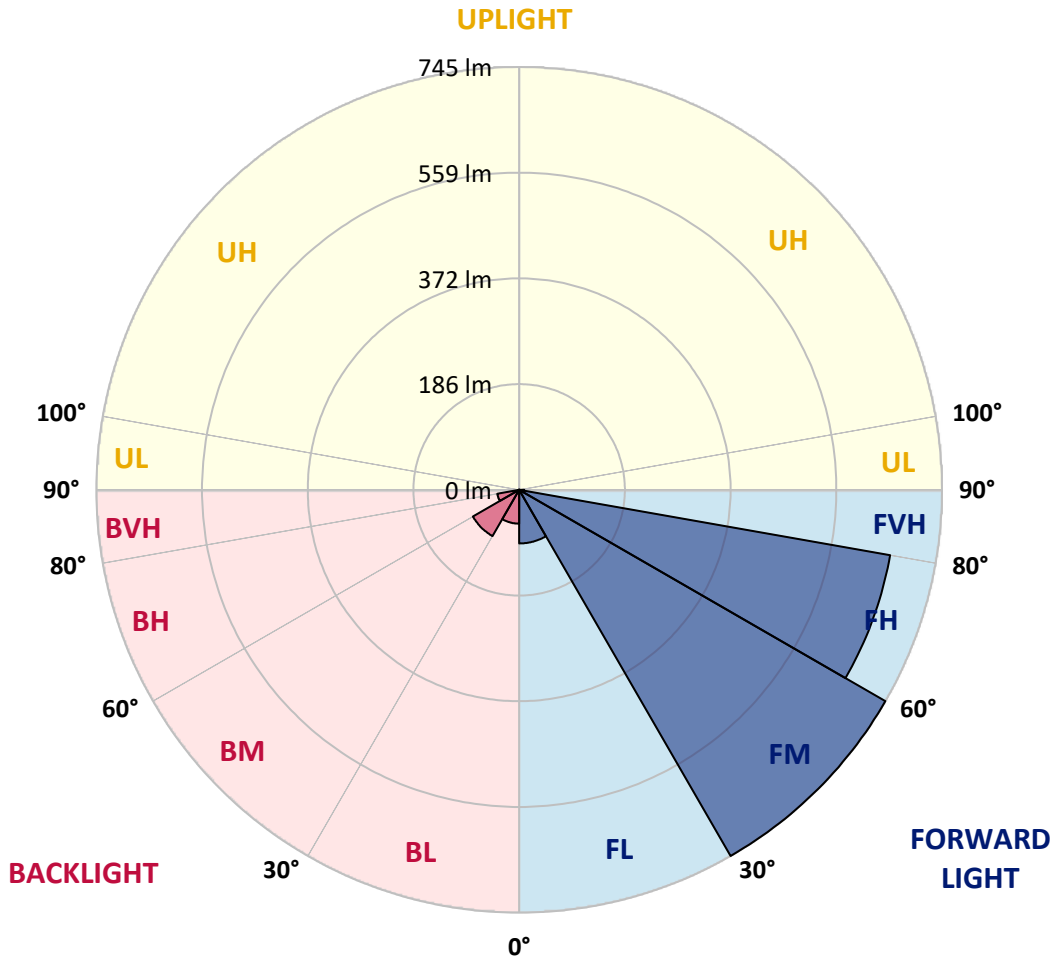
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	94.5	5.5			
FM	(30°-60°)	745.0	43.7			
FH	(60°-80°)	663.7	38.9			G1/1800
FVH	(80°-90°)	8.7	0.5			G0/10
BL	(0°-30°)	59.7	3.5	B0/110		
BM	(30°-60°)	94.1	5.5	B0/220		
BH	(60°-80°)	39.1	2.3	B0/110		G0/110
BVH	(80°-90°)	1.3	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	*237.9*	237.9
2.5°	230.9	228.9	228.9	229.9	231.9	232.9	234.9	235.9	236.9	*236.9*	237.9
5°	214.9	212.9	212.9	215.9	218.9	221.9	227.9	231.9	238.9	*240.9*	242.9
7.5°	192.9	190.9	191.9	195.9	203.9	212.9	221.9	231.9	243.9	*247.9*	251.9
10°	182.9	180.9	181.9	184.9	189.9	201.9	216.9	232.9	250.9	*257.9*	263.9
12.5°	179.9	177.9	177.9	179.9	184.9	192.9	211.9	233.9	258.9	*267.9*	277.9
15°	179.9	178.9	177.9	178.9	181.9	190.9	207.9	236.9	266.9	*279.9*	289.9
17.5°	179.9	178.9	178.9	179.9	182.9	189.9	207.9	238.9	274.9	*289.9*	302.9
20°	181.9	180.9	179.9	180.9	183.9	191.9	207.9	241.9	282.9	*299.9*	312.9
22.5°	184.9	184.9	183.9	184.9	187.9	195.9	209.9	244.9	292.9	*308.9*	323.9
25°	189.9	188.9	186.9	188.9	192.9	199.9	214.9	248.9	299.9	*314.9*	331.9
27.5°	196.9	195.9	191.9	193.9	198.9	207.9	222.9	254.9	308.9	*324.9*	340.9
30°	257.9	252.9	229.9	208.9	207.9	215.9	230.9	262.9	318.9	*333.9*	350.9
32.5°	366.8	355.9	322.9	266.9	225.9	225.9	241.9	274.9	328.9	*344.9*	361.9
35°	483.8	468.8	421.8	352.9	276.9	245.9	254.9	285.9	344.9	*359.9*	380.8
37.5°	584.8	578.8	532.8	454.8	360.9	284.9	277.9	305.9	364.9	*382.8*	406.8
40°	684.7	676.7	647.7	571.8	466.8	351.9	309.9	333.9	388.8	*405.8*	434.8
42.5°	764.7	750.7	745.7	696.7	585.8	450.8	360.9	368.8	421.8	*439.8*	479.8
45°	807.7	807.7	823.7	821.7	720.7	562.8	430.8	412.8	463.8	*479.8*	531.8
47.5°	866.6	862.6	894.6	932.6	865.6	680.7	506.8	463.8	512.8	*535.8*	597.8
50°	934.6	931.6	958.6	1011.6	987.6	821.7	597.8	531.8	577.8	*598.8*	673.7
52.5°	916.6	924.6	989.6	1061.6	1077.6	943.6	704.7	608.8	647.7	*674.7*	763.7
55°	725.7	759.7	971.6	1081.6	1125.5	1054.6	824.7	692.7	732.7	*763.7*	857.6
57.5°	585.8	596.8	765.7	1042.6	1108.5	1126.5	931.6	779.7	822.7	*866.6*	961.6
60°	530.8	536.8	620.7	961.6	1021.6	1137.5	1036.6	871.6	936.6	*975.6*	1075.6
62.5°	343.9	352.9	475.8	774.7	932.6	1077.6	1106.5	983.6	1057.6	*1103.5*	1176.5
65°	165.9	170.9	244.9	536.8	827.7	1041.6	1143.5	1089.6	1130.5	*1163.5*	1177.5
67.5°	108.0	115.0	131.9	430.8	645.7	1039.6	1159.5	1107.5	1168.5	*1232.5*	1215.5
70°	92.0	93.0	108.0	343.9	541.8	872.6	1097.6	1182.5	1273.5	*1339.5*	1235.5
72.5°	*71.0*	*69.0*	*86.0*	*236.9*	*430.8*	*608.8*	*1090.6*	*1239.5*	*1327.5*	*1388.4*	*1206.5*
75°	24.0	27.0	43.0	98.0	204.9	420.8	586.8	1272.5	1327.5	*1346.4*	1023.6
77.5°	17.0	19.0	34.0	47.0	80.0	213.9	198.9	913.6	886.6	*756.7*	480.8
80°	13.0	15.0	31.0	29.0	19.0	56.0	55.0	150.9	201.9	*108.0*	65.0
82.5°	5.0	6.0	25.0	18.0	11.0	12.0	16.0	32.0	52.0	*23.0*	16.0
85°	3.0	4.0	16.0	8.0	5.0	5.0	8.0	10.0	13.0	*9.0*	7.0
87.5°	0.0	0.0	1.0	1.0	2.0	2.0	3.0	4.0	4.0	*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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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9
2.5°	237.9	238.9	240.9	239.9	243.9	242.9	244.9	246.9	247.9	247.9	247.9
5°	242.9	246.9	250.9	254.9	255.9	254.9	251.9	248.9	245.9	244.9	243.9
7.5°	254.9	256.9	265.9	266.9	260.9	245.9	229.9	216.9	204.9	200.9	197.9
10°	267.9	272.9	282.9	274.9	248.9	217.9	189.9	163.9	143.9	135.9	135.9
12.5°	282.9	291.9	297.9	271.9	227.9	176.9	131.9	97.0	82.0	73.0	75.0
15°	299.9	309.9	307.9	260.9	192.9	121.0	76.0	60.0	54.0	53.0	53.0
17.5°	312.9	324.9	309.9	238.9	141.9	76.0	54.0	51.0	50.0	50.0	50.0
20°	325.9	338.9	303.9	201.9	93.0	55.0	50.0	49.0	48.0	48.0	49.0
22.5°	339.9	349.9	290.9	150.9	62.0	49.0	48.0	47.0	46.0	46.0	46.0
25°	349.9	358.9	267.9	105.0	50.0	47.0	45.0	44.0	42.0	42.0	42.0
27.5°	360.9	363.9	235.9	73.0	45.0	44.0	42.0	40.0	38.0	38.0	38.0
30°	372.8	367.8	199.9	52.0	42.0	41.0	37.0	34.0	33.0	34.0	35.0
32.5°	389.8	373.8	160.9	44.0	39.0	36.0	32.0	29.0	28.0	30.0	30.0
35°	411.8	379.8	130.9	41.0	37.0	32.0	26.0	24.0	24.0	25.0	25.0
37.5°	438.8	385.8	101.0	40.0	34.0	27.0	22.0	20.0	20.0	20.0	21.0
40°	472.8	392.8	76.0	41.0	33.0	24.0	20.0	18.0	18.0	19.0	19.0
42.5°	520.8	410.8	62.0	42.0	31.0	21.0	18.0	17.0	17.0	17.0	18.0
45°	569.8	439.8	58.0	41.0	31.0	21.0	17.0	16.0	16.0	16.0	16.0
47.5°	623.7	478.8	62.0	40.0	31.0	22.0	16.0	15.0	16.0	16.0	16.0
50°	672.7	503.8	67.0	39.0	31.0	23.0	16.0	15.0	15.0	15.0	16.0
52.5°	727.7	509.8	71.0	36.0	29.0	24.0	16.0	14.0	14.0	15.0	14.0
55°	775.7	507.8	72.0	32.0	26.0	24.0	16.0	14.0	14.0	14.0	14.0
57.5°	832.7	493.8	63.0	26.0	22.0	21.0	16.0	13.0	13.0	13.0	13.0
60°	884.6	460.8	48.0	22.0	19.0	17.0	15.0	13.0	13.0	12.0	12.0
62.5°	911.6	392.8	32.0	18.0	15.0	14.0	14.0	12.0	11.0	10.0	10.0
65°	823.7	267.9	22.0	15.0	13.0	12.0	12.0	11.0	10.0	8.0	8.0
67.5°	789.7	175.9	17.0	13.0	11.0	10.0	10.0	10.0	9.0	7.0	7.0
70°	734.7	75.0	14.0	11.0	9.0	8.0	8.0	9.0	7.0	6.0	6.0
72.5°	*663.7*	*31.0*	*12.0*	*10.0*	*7.0*	*6.0*	*7.0*	*7.0*	*6.0*	*5.0*	*5.0*
75°	498.8	18.0	10.0	8.0	6.0	5.0	6.0	6.0	5.0	4.0	4.0
77.5°	195.9	12.0	8.0	6.0	5.0	4.0	5.0	4.0	4.0	3.0	3.0
80°	39.0	9.0	6.0	5.0	4.0	3.0	4.0	3.0	2.0	2.0	2.0
82.5°	12.0	7.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0
85°	7.0	5.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
87.5°	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

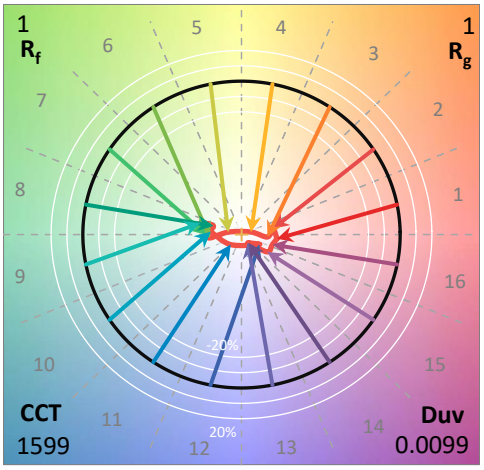
Test Information

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

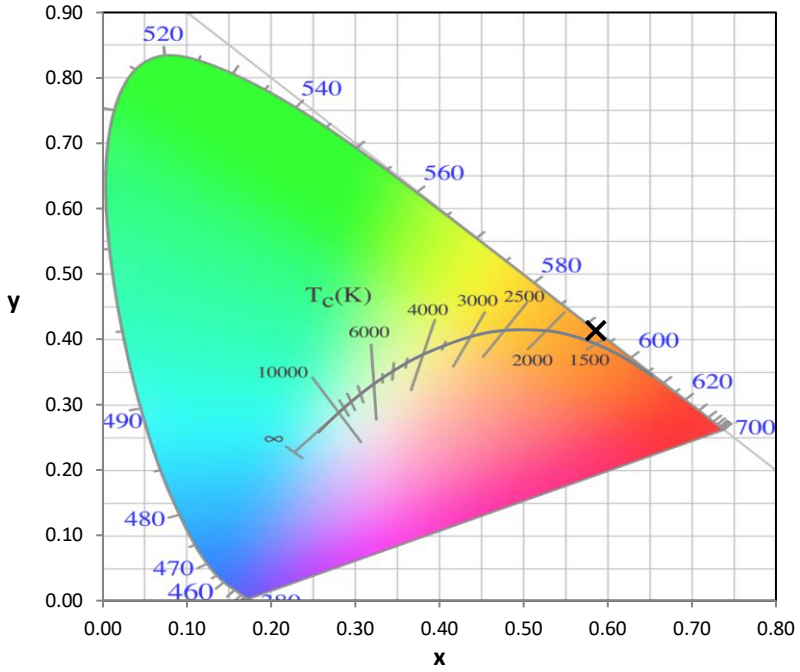
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

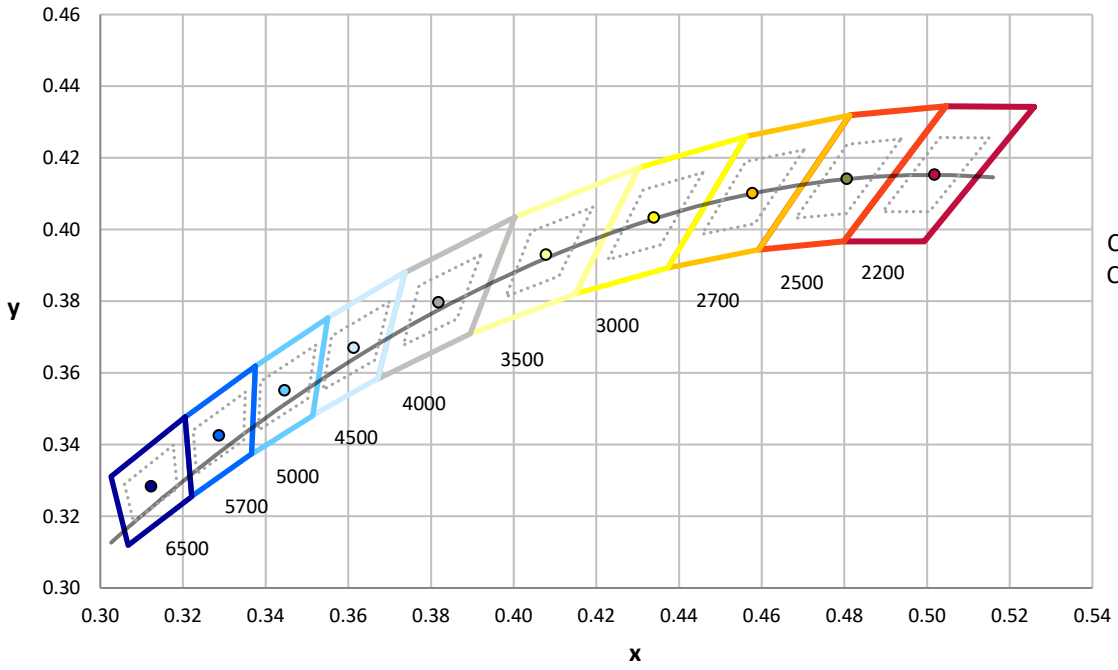
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

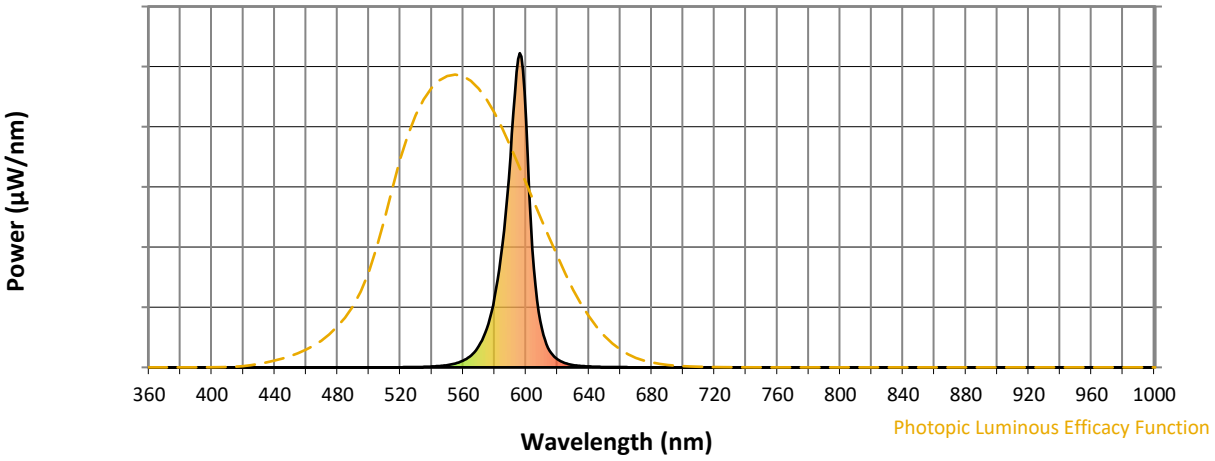


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

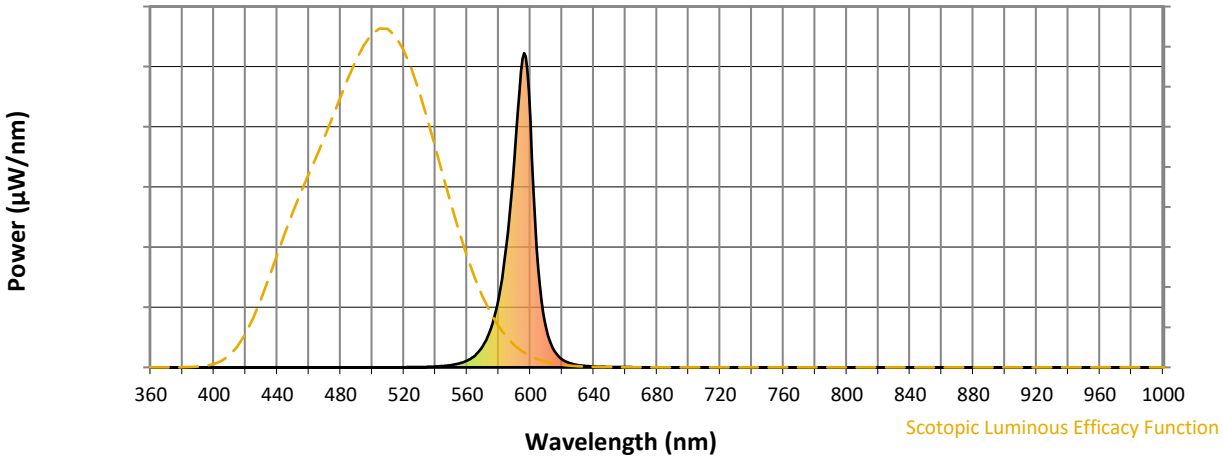


Photopic Lumens: NR

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

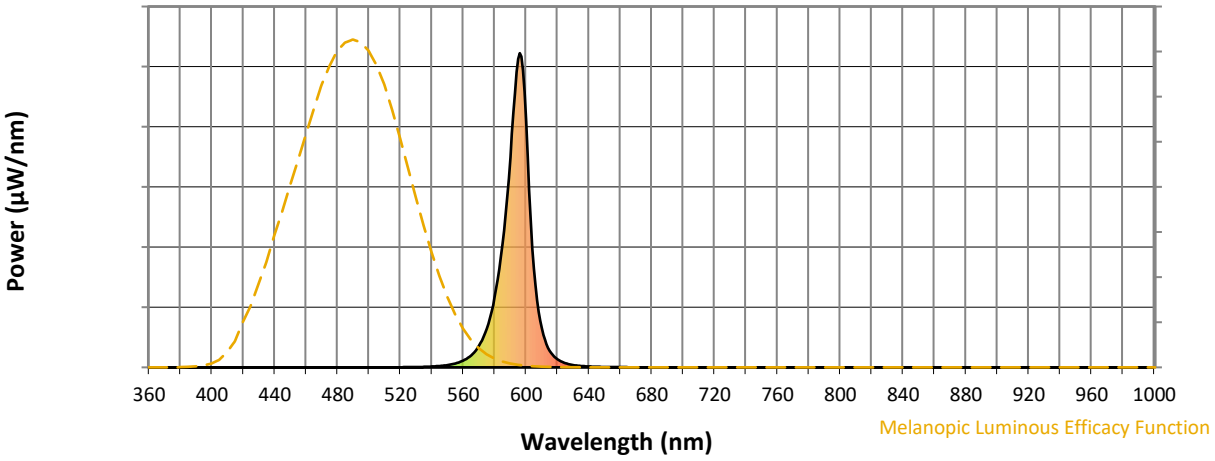


Scotopic Lumens: NR **S/P: 0.23**

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			

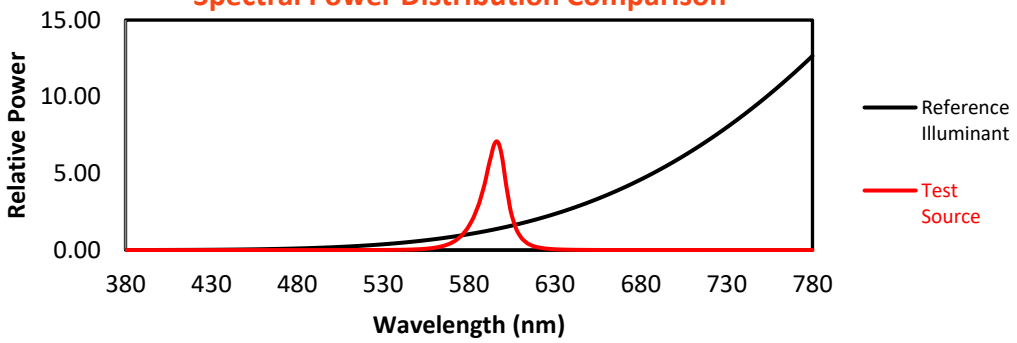
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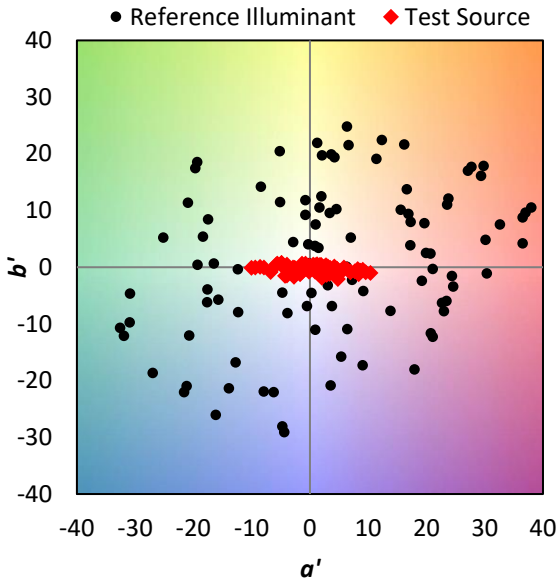
Summary

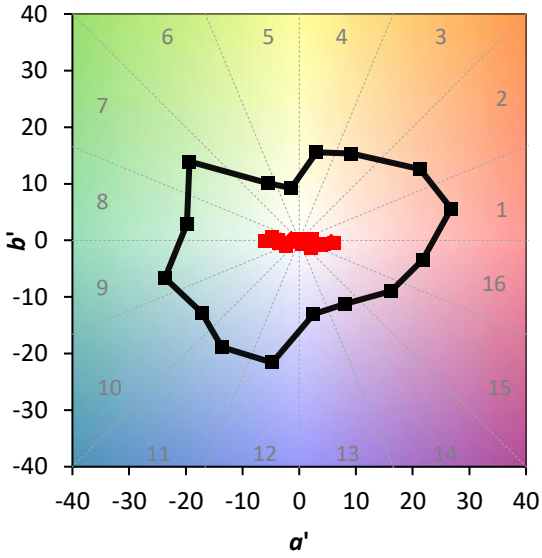
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

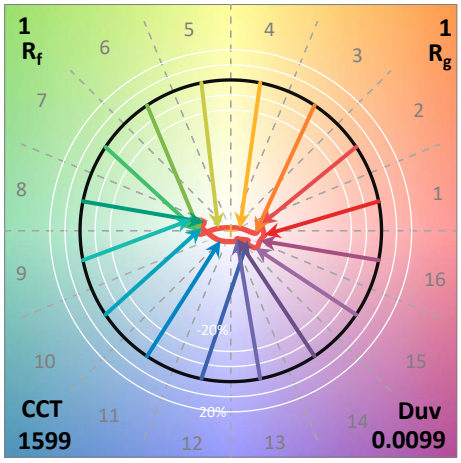
Spectral Power Distribution Comparison

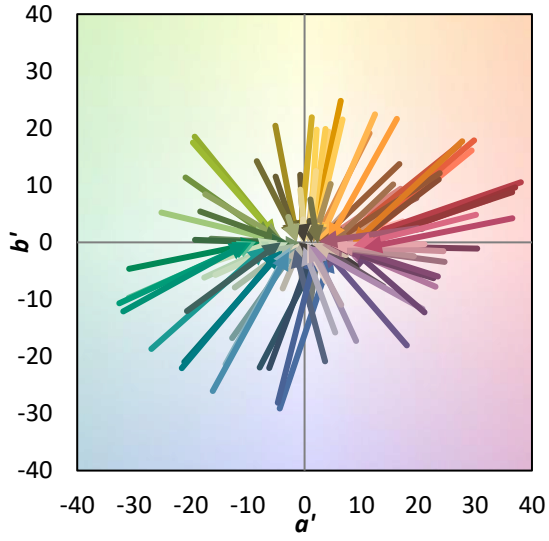


Color Vector Graphics







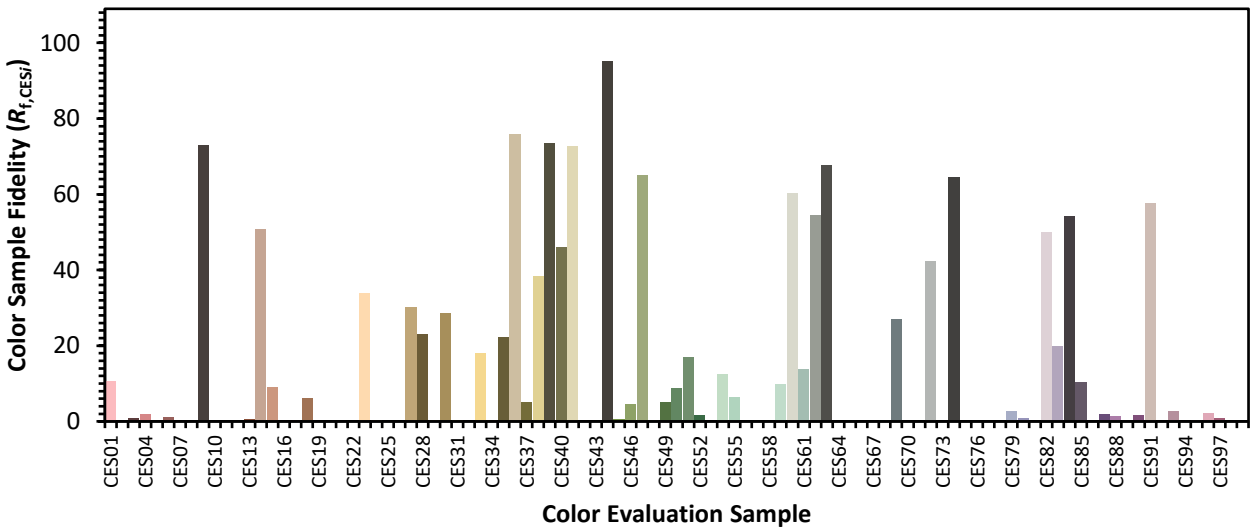


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Individual Sample Fidelity Index ($R_{f,i}$)

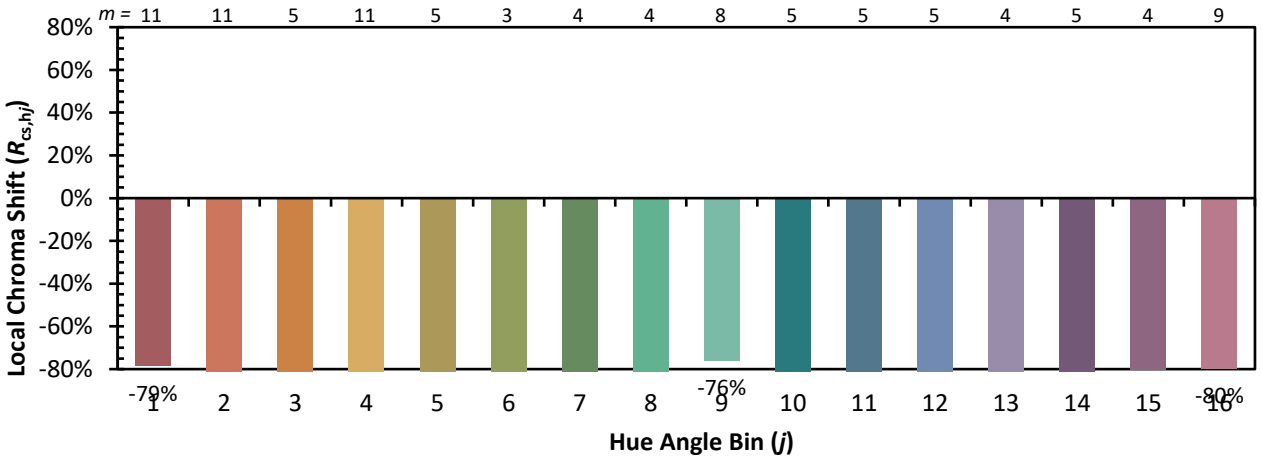
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

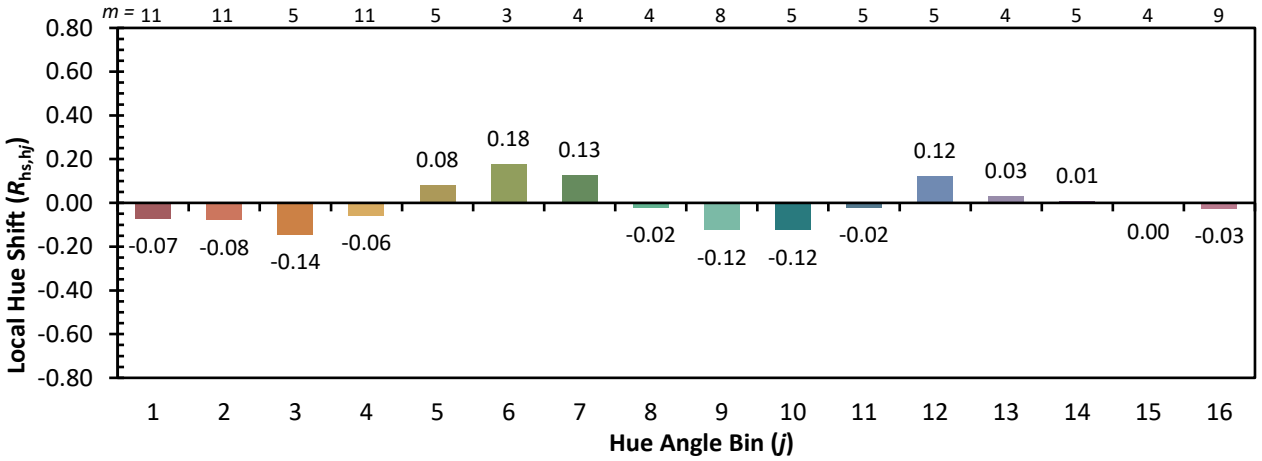


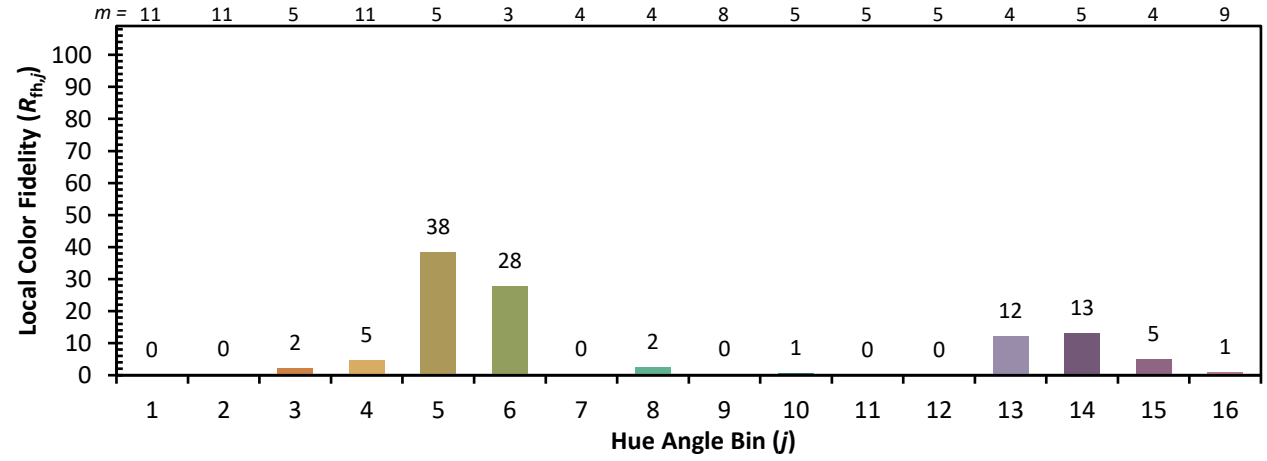
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Color Rendition by Hue-Angle Bin



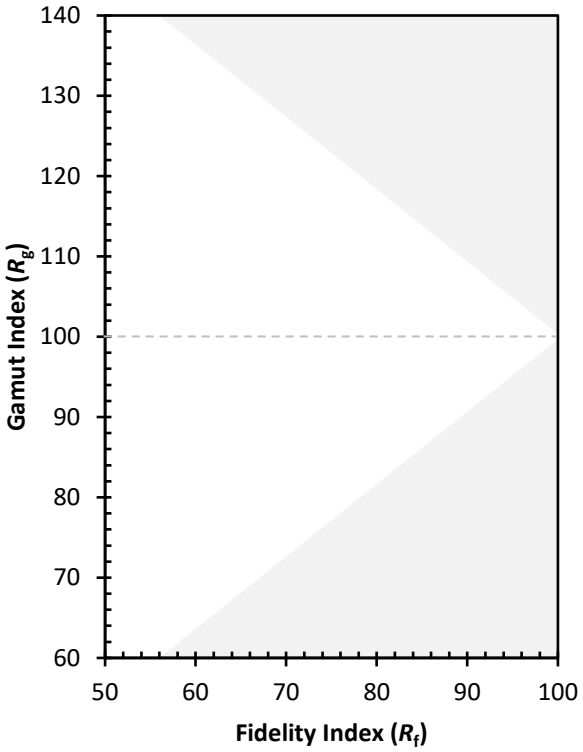


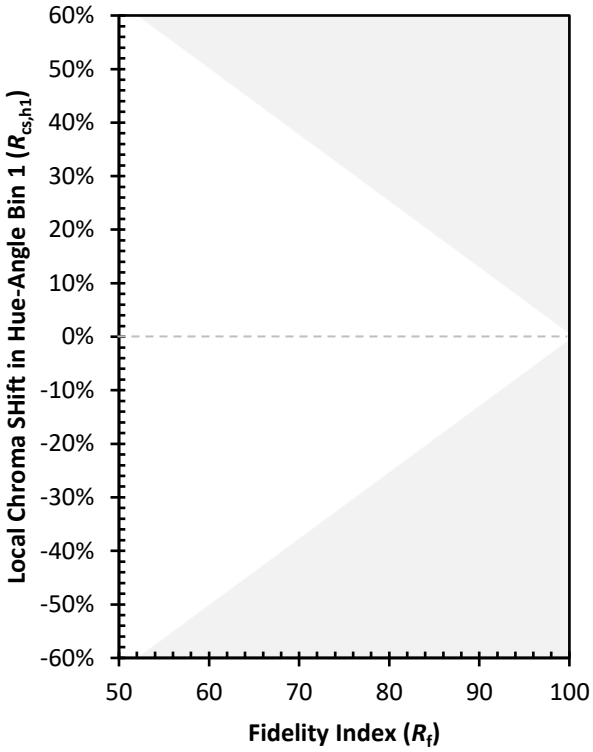


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Measure Comparisons





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