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-T3LG

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-T3LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2169.9 lumens
Efficiency:	N/A
Efficacy:	60.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G0

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

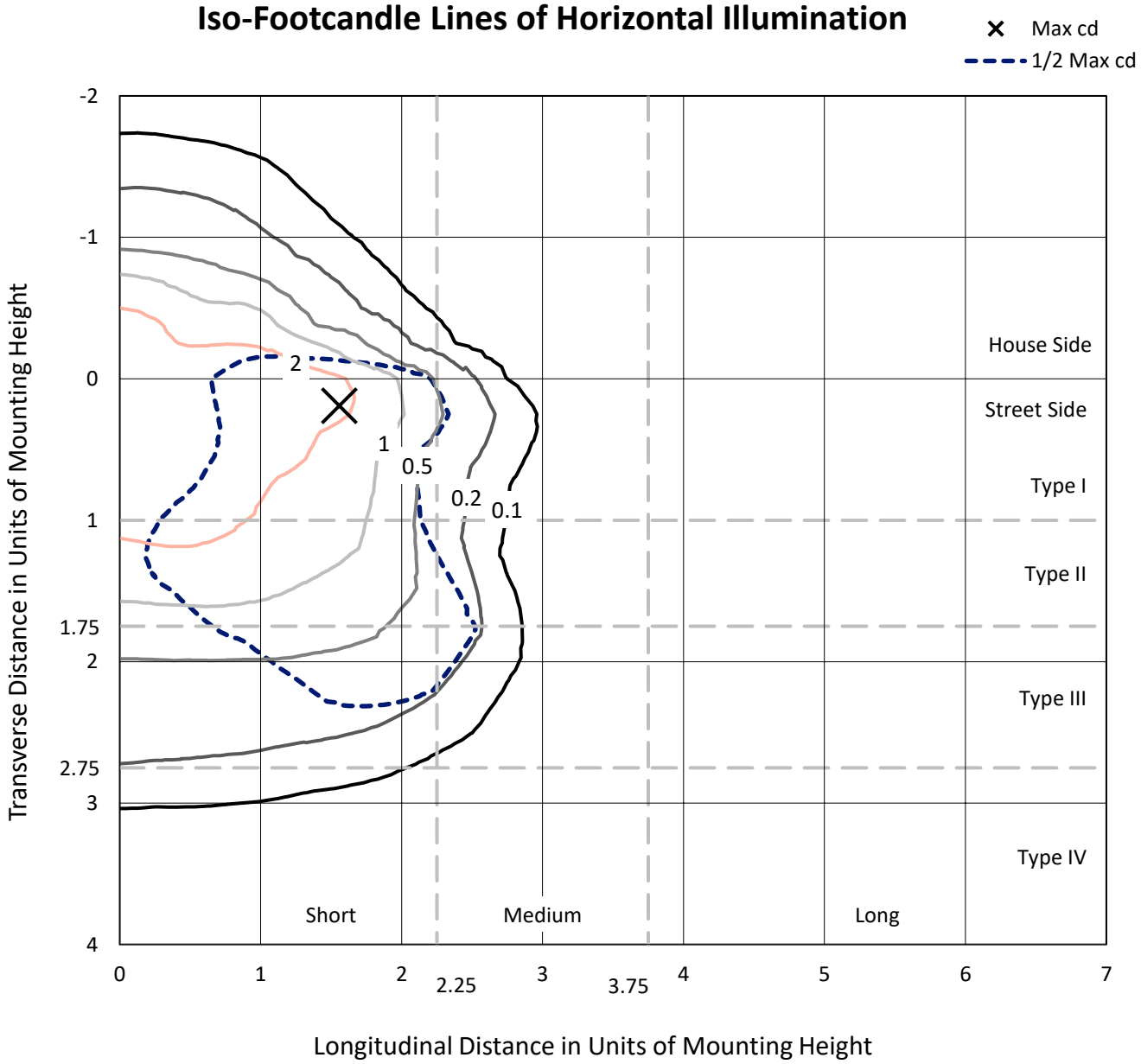


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



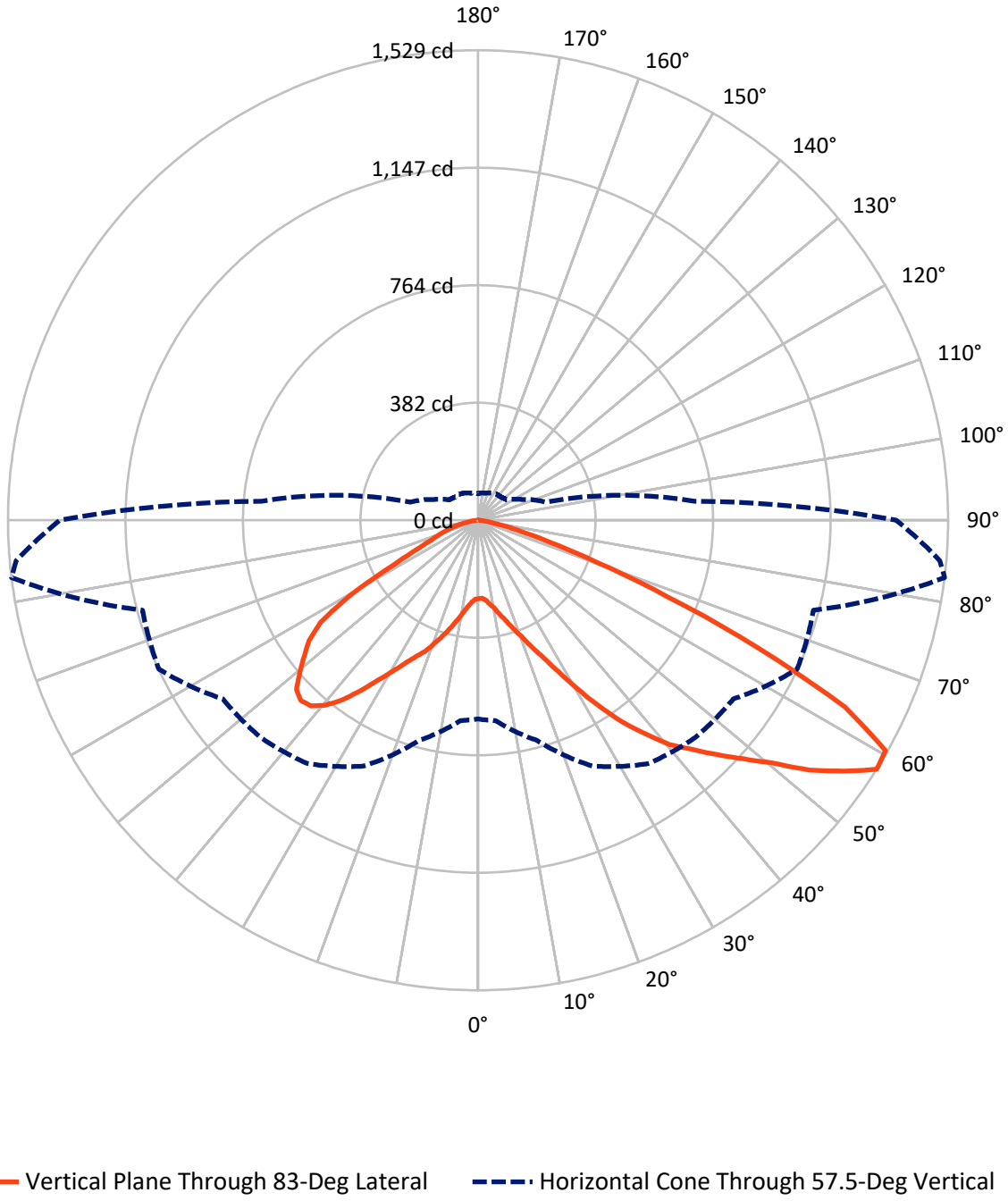
Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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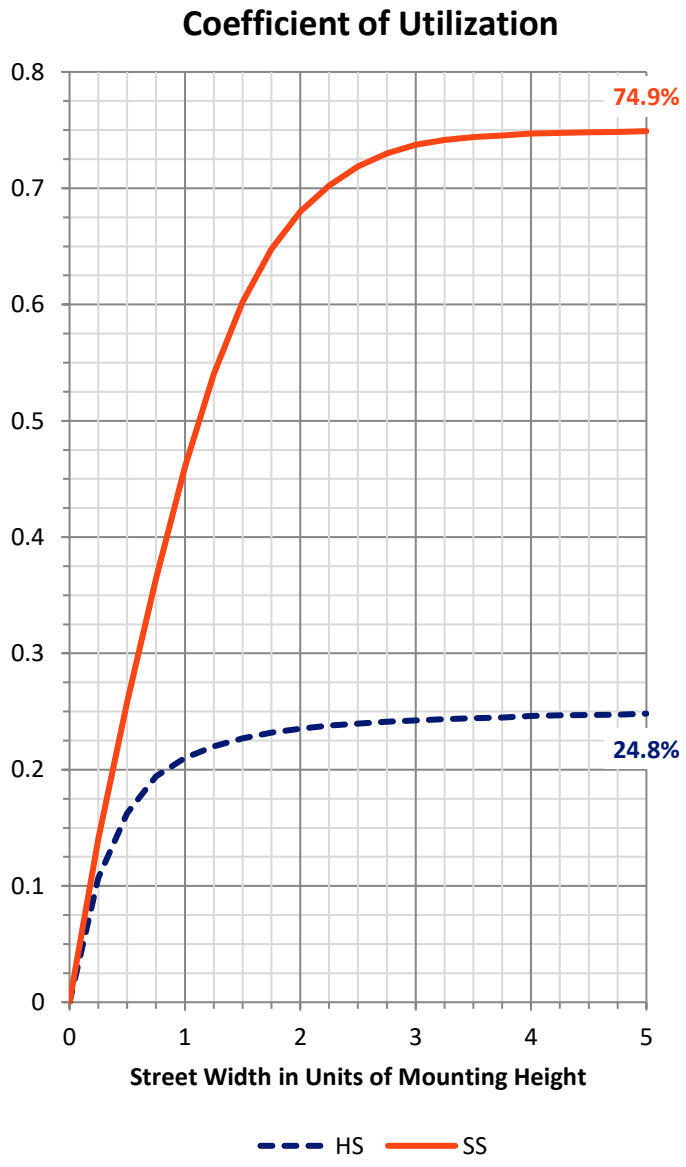
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	542.8	0.0	542.8
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	1627.0	0.0	1627.0
	% Fixture	75.0	0.0	75.0
Total	Lumens	2169.9	0.0	2169.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	1.1
10°-20°	80.7	3.7
20°-30°	157.3	7.3
30°-40°	282.2	13.0
40°-50°	436.4	20.1
50°-60°	536.5	24.7
60°-70°	477.8	22.0
70°-80°	160.0	7.4
80°-90°	14.1	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°	2169.9	100.0
0°-180°	2169.9	100.0



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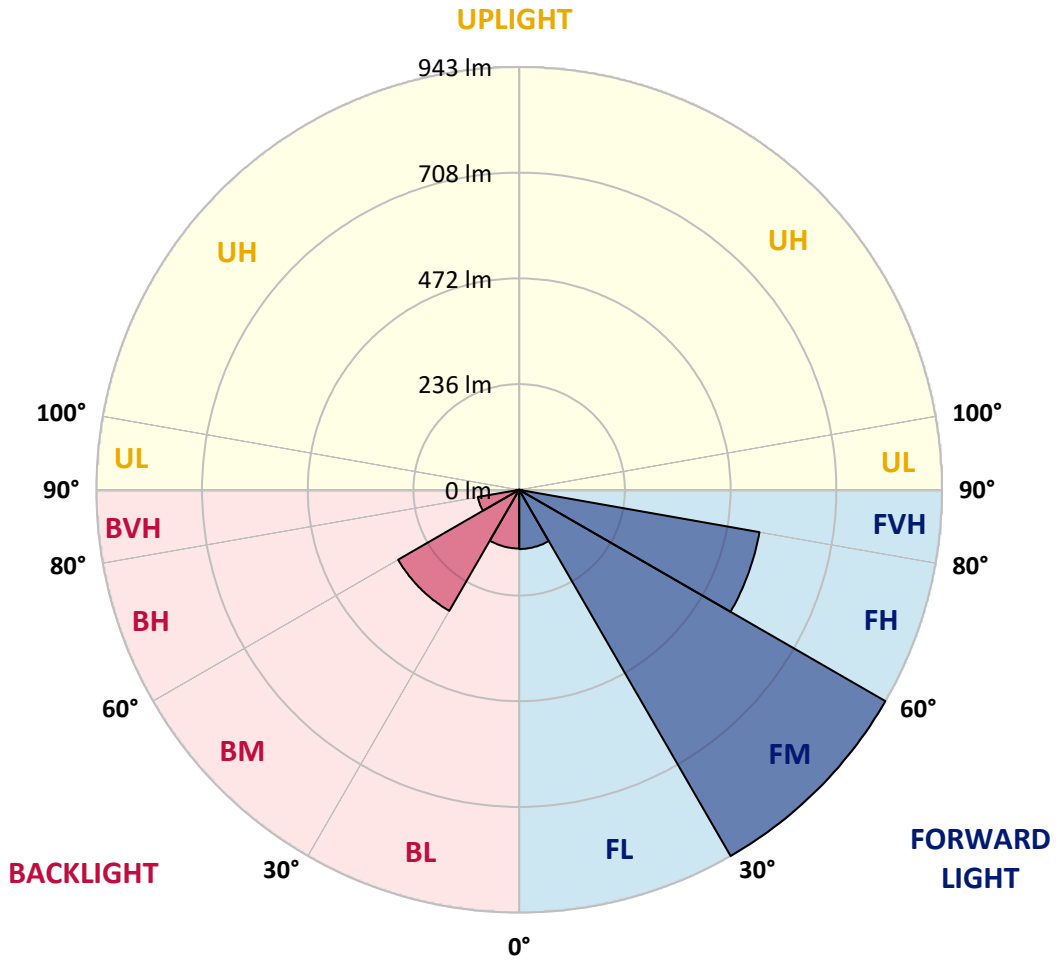
Scaled Data Report

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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°)	132.0	6.1			
FM	(30°-60°)	943.4	43.5			
FH	(60°-80°)	544.4	25.1			G0/660
FVH	(80°-90°)	7.2	0.3			G0/10
BL	(0°-30°)	130.8	6.0	B1/500		
BM	(30°-60°)	311.7	14.4	B1/1000		
BH	(60°-80°)	93.4	4.3	B0/110		G0/110
BVH	(80°-90°)	6.9	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1	*255.1*	255.1
2.5°	246.1	246.1	247.1	248.1	248.1	249.1	249.1	250.1	253.1	*254.1*	254.1
5°	224.1	224.1	227.1	229.1	234.1	242.1	248.1	253.1	257.1	*261.1*	261.1
7.5°	207.1	207.1	207.1	210.1	217.1	229.1	244.1	257.1	269.1	*275.1*	275.1
10°	211.1	212.1	211.1	212.1	215.1	221.1	238.1	261.1	283.1	*290.1*	294.1
12.5°	217.1	218.1	218.1	218.1	221.1	225.1	237.1	267.1	299.1	*314.1*	316.1
15°	225.1	226.1	224.1	226.1	228.1	232.1	241.1	275.1	320.1	*338.1*	343.1
17.5°	236.1	234.1	235.1	235.1	237.1	241.1	253.1	287.1	346.1	*370.2*	374.2
20°	247.1	246.1	246.1	248.1	252.1	258.1	272.1	304.1	377.2	*403.2*	411.2
22.5°	259.1	260.1	261.1	265.1	270.1	280.1	296.1	331.1	412.2	*447.2*	451.2
25°	275.1	277.1	280.1	288.1	297.1	314.1	331.1	372.2	460.2	*495.2*	501.2
27.5°	307.1	306.1	309.1	316.1	331.1	354.2	382.2	428.2	519.2	*558.2*	568.2
30°	364.2	362.2	360.2	360.2	374.2	408.2	441.2	493.2	587.3	*634.3*	640.3
32.5°	411.2	410.2	414.2	422.2	438.2	465.2	513.2	575.2	665.3	*718.3*	723.3
35°	457.2	458.2	459.2	481.2	517.2	547.2	596.3	659.3	739.3	*804.3*	812.3
37.5°	512.2	515.2	527.2	541.2	589.3	633.3	674.3	732.3	800.3	*880.4*	898.4
40°	570.2	573.2	594.3	612.3	660.3	707.3	742.3	788.3	855.4	*959.4*	973.4
42.5°	624.3	628.3	659.3	702.3	734.3	767.3	804.3	830.4	890.4	*1018.4*	1044.4
45°	659.3	672.3	718.3	774.3	812.3	828.4	839.4	854.4	925.4	*1086.5*	1115.5
47.5°	680.3	693.3	757.3	836.4	871.4	881.4	854.4	880.4	957.4	*1159.5*	1182.5
50°	690.3	707.3	781.3	868.4	916.4	915.4	858.4	904.4	992.4	*1240.5*	1257.5
52.5°	708.3	724.3	798.3	882.4	933.4	928.4	871.4	964.4	1034.4	*1349.6*	1335.6
55°	672.3	687.3	795.3	883.4	939.4	961.4	919.4	1057.5	1099.5	*1440.6*	1428.6
57.5°	*646.3*	*654.3*	*741.3*	*882.4*	*966.4*	*999.4*	*1013.4*	*1145.5*	*1129.5*	*1528.7*	*1507.6*
60°	616.3	622.3	697.3	852.4	985.4	1041.4	1121.5	1175.5	1091.5	*1522.6*	1489.6
62.5°	557.2	564.2	639.3	794.3	975.4	1078.5	1210.5	1122.5	965.4	*1339.6*	1295.6
65°	511.2	510.2	570.2	695.3	930.4	1106.5	1230.5	980.4	725.3	*999.4*	976.4
67.5°	542.2	534.2	566.2	651.3	829.4	1125.5	1153.5	672.3	482.2	*666.3*	659.3
70°	482.2	476.2	509.2	601.3	774.3	978.4	960.4	394.2	314.1	*408.2*	410.2
72.5°	262.1	263.1	325.1	402.2	597.3	718.3	693.3	219.1	200.1	*241.1*	227.1
75°	52.0	54.0	89.0	146.1	255.1	397.2	299.1	110.0	136.1	*143.1*	134.1
77.5°	37.0	38.0	45.0	57.0	80.0	133.1	97.0	73.0	88.0	*77.0*	76.0
80°	29.0	30.0	32.0	37.0	43.0	50.0	42.0	40.0	48.0	*39.0*	39.0
82.5°	23.0	22.0	21.0	22.0	25.0	24.0	19.0	22.0	27.0	*20.0*	18.0
85°	12.0	13.0	10.0	10.0	10.0	8.0	8.0	10.0	14.0	*9.0*	8.0
87.5°	1.0	1.0	1.0	1.0	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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Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1	255.1
2.5°	255.1	256.1	260.1	260.1	262.1	264.1	264.1	264.1	264.1	266.1	267.1
5°	263.1	267.1	271.1	275.1	277.1	276.1	277.1	276.1	275.1	275.1	275.1
7.5°	280.1	283.1	290.1	293.1	293.1	290.1	287.1	285.1	282.1	283.1	284.1
10°	299.1	306.1	313.1	313.1	310.1	305.1	293.1	277.1	267.1	264.1	262.1
12.5°	324.1	333.1	339.1	336.1	325.1	292.1	268.1	260.1	258.1	258.1	257.1
15°	352.2	363.2	366.2	356.2	307.1	274.1	268.1	267.1	268.1	270.1	272.1
17.5°	387.2	394.2	393.2	355.2	284.1	274.1	276.1	278.1	278.1	280.1	280.1
20°	423.2	428.2	414.2	321.1	277.1	278.1	282.1	286.1	288.1	288.1	290.1
22.5°	465.2	467.2	430.2	293.1	277.1	278.1	287.1	292.1	295.1	293.1	293.1
25°	512.2	502.2	426.2	283.1	271.1	277.1	285.1	289.1	290.1	288.1	289.1
27.5°	572.2	551.2	402.2	278.1	263.1	268.1	272.1	274.1	274.1	274.1	274.1
30°	646.3	610.3	383.2	278.1	257.1	254.1	253.1	253.1	253.1	253.1	254.1
32.5°	724.3	669.3	384.2	285.1	250.1	237.1	233.1	228.1	229.1	229.1	232.1
35°	804.3	737.3	404.2	297.1	245.1	223.1	212.1	207.1	205.1	206.1	210.1
37.5°	880.4	805.3	431.2	320.1	246.1	210.1	195.1	186.1	179.1	175.1	180.1
40°	950.4	858.4	464.2	350.1	251.1	198.1	177.1	163.1	150.1	143.1	145.1
42.5°	1006.4	894.4	485.2	370.2	251.1	186.1	161.1	145.1	126.1	116.0	116.0
45°	1056.5	907.4	480.2	376.2	245.1	174.1	146.1	124.1	111.0	106.0	107.0
47.5°	1099.5	894.4	458.2	356.2	228.1	160.1	130.1	115.0	105.0	101.0	101.0
50°	1154.5	851.4	404.2	307.1	199.1	143.1	119.1	110.0	103.0	99.0	98.0
52.5°	1235.5	813.3	332.1	242.1	165.1	123.1	114.0	107.0	101.0	97.0	95.0
55°	1306.6	775.3	274.1	190.1	133.1	113.0	109.0	104.0	95.0	94.0	91.0
57.5°	*1359.6*	*707.3*	*227.1*	*159.1*	*115.0*	*106.0*	*104.0*	*98.0*	*91.0*	*89.0*	*86.0*
60°	1328.6	558.2	186.1	138.1	105.0	98.0	100.0	93.0	83.0	82.0	80.0
62.5°	1150.5	353.2	152.1	116.0	96.0	91.0	93.0	83.0	75.0	73.0	72.0
65°	824.4	237.1	134.1	105.0	89.0	83.0	82.0	74.0	68.0	66.0	66.0
67.5°	482.2	178.1	114.0	95.0	78.0	76.0	74.0	70.0	66.0	64.0	65.0
70°	250.1	145.1	95.0	85.0	68.0	64.0	68.0	67.0	60.0	61.0	61.0
72.5°	152.1	113.0	87.0	78.0	56.0	54.0	60.0	62.0	57.0	61.0	61.0
75°	107.0	87.0	78.0	69.0	46.0	46.0	53.0	59.0	55.0	58.0	56.0
77.5°	63.0	58.0	60.0	56.0	36.0	37.0	46.0	54.0	47.0	52.0	45.0
80°	34.0	36.0	42.0	35.0	25.0	29.0	36.0	42.0	36.0	37.0	32.0
82.5°	17.0	21.0	28.0	23.0	15.0	18.0	24.0	26.0	22.0	22.0	22.0
85°	6.0	7.0	14.0	11.0	6.0	6.0	11.0	13.0	11.0	10.0	10.0
87.5°	1.0	1.0	1.0	1.0	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

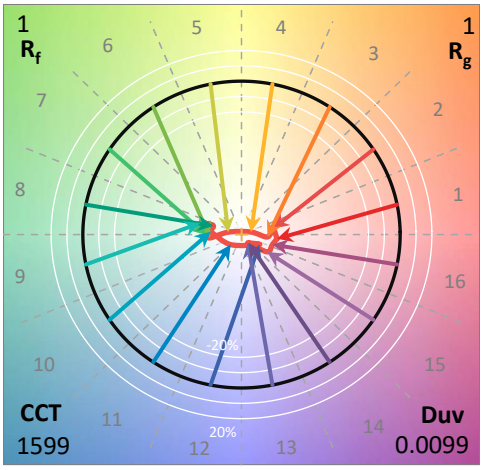
Test Information

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

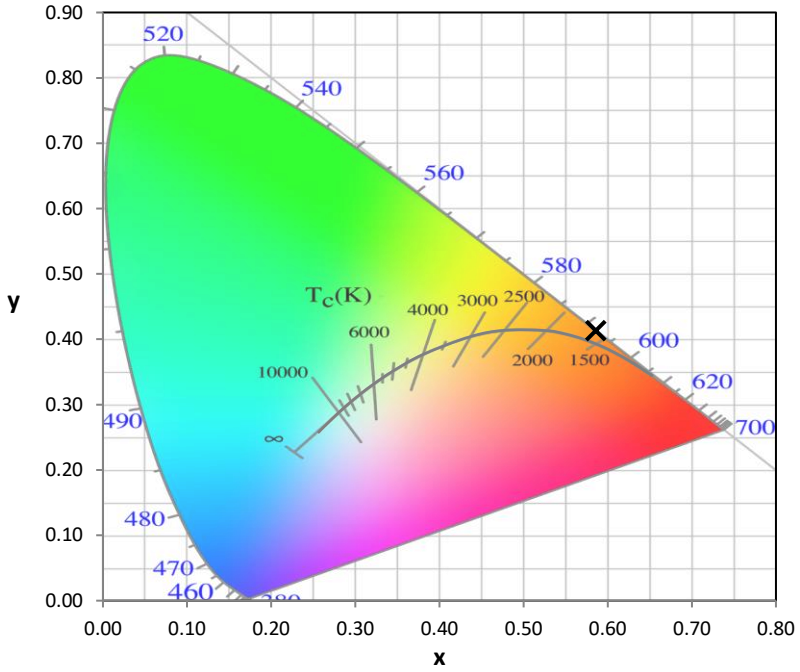
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

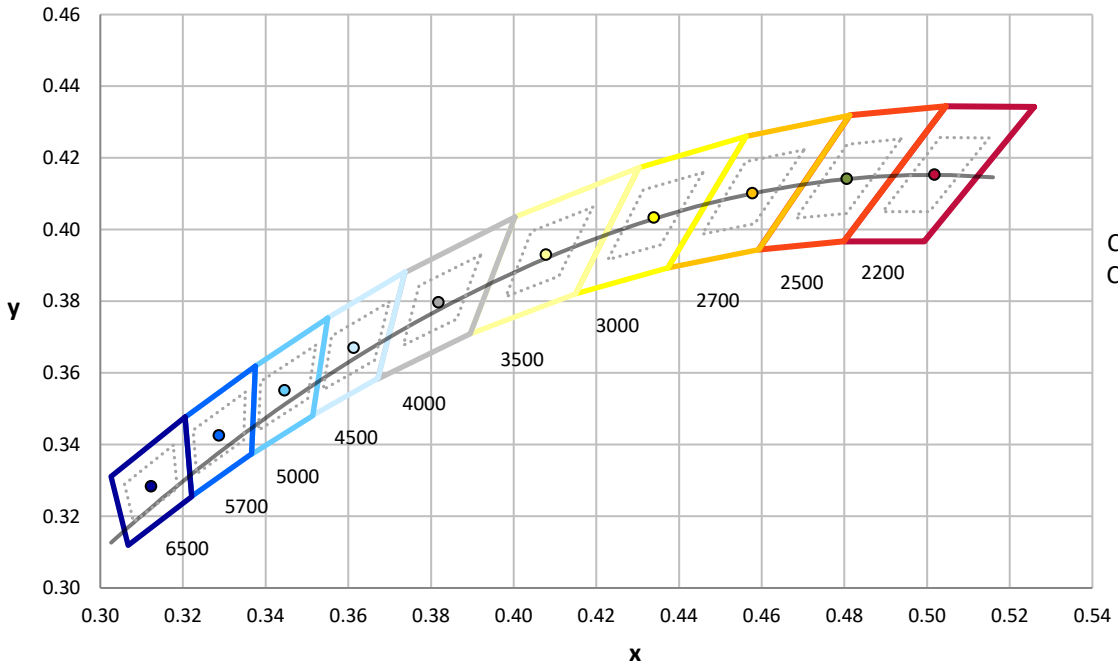
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

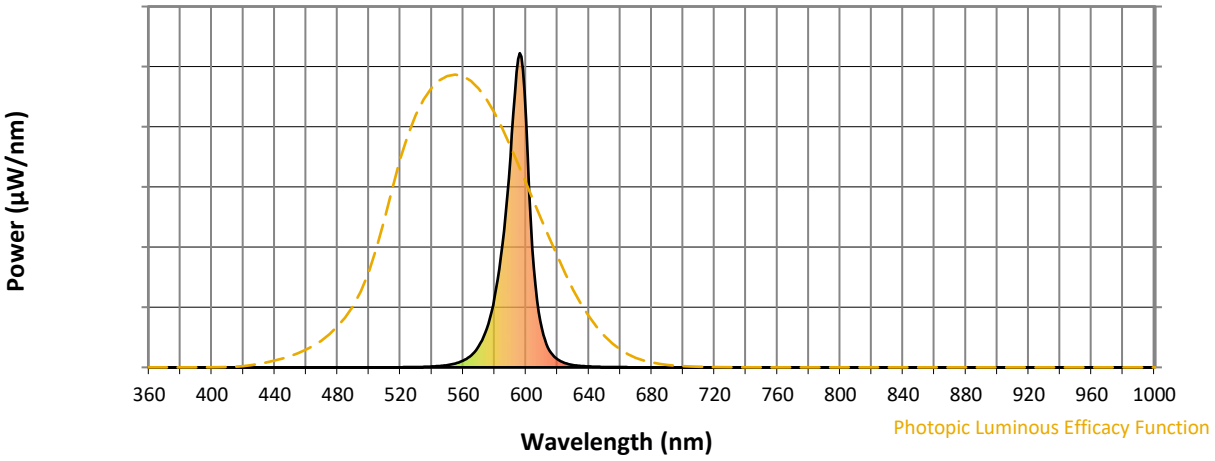


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

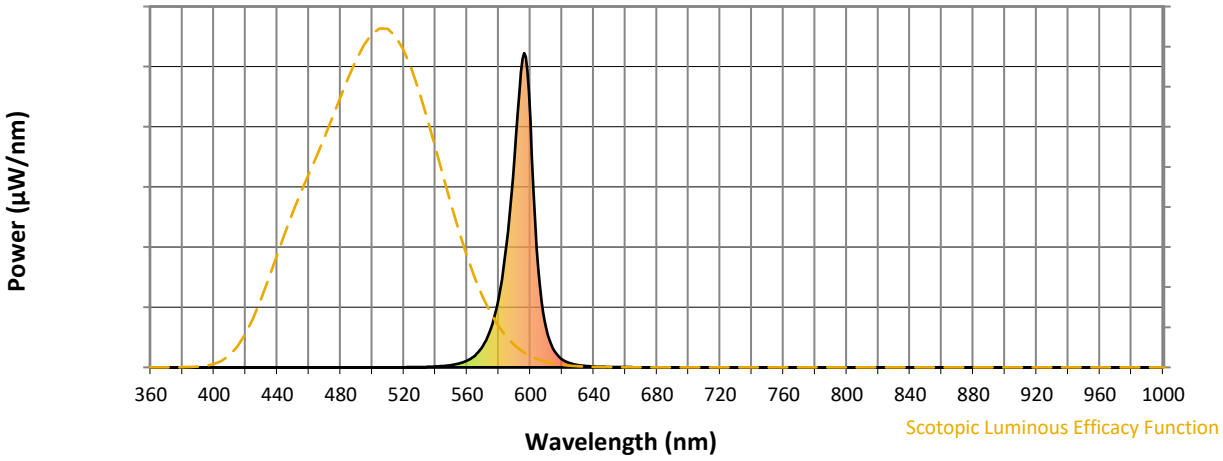


Photopic Lumens: NR

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

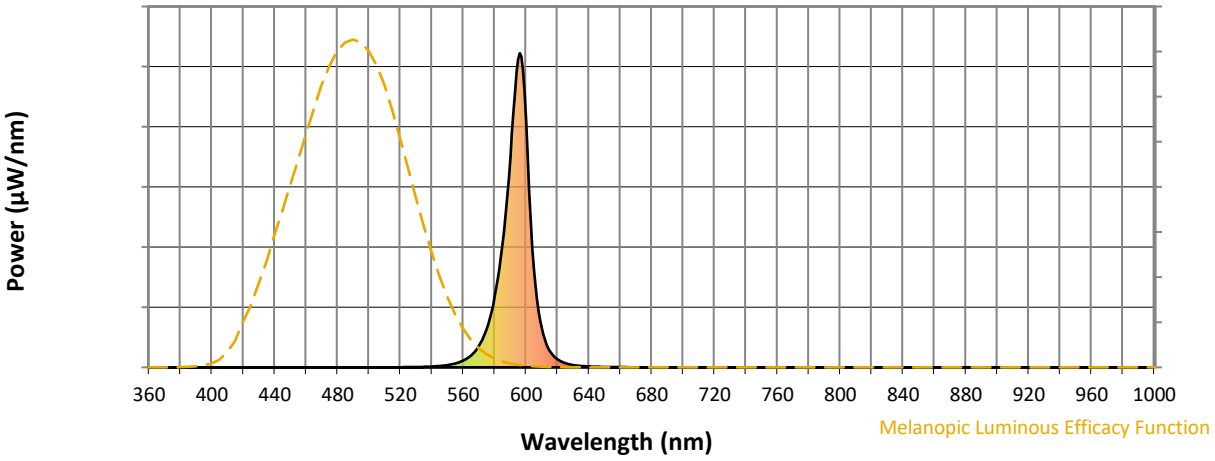


Scotopic Lumens: NR **S/P: 0.23**

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			

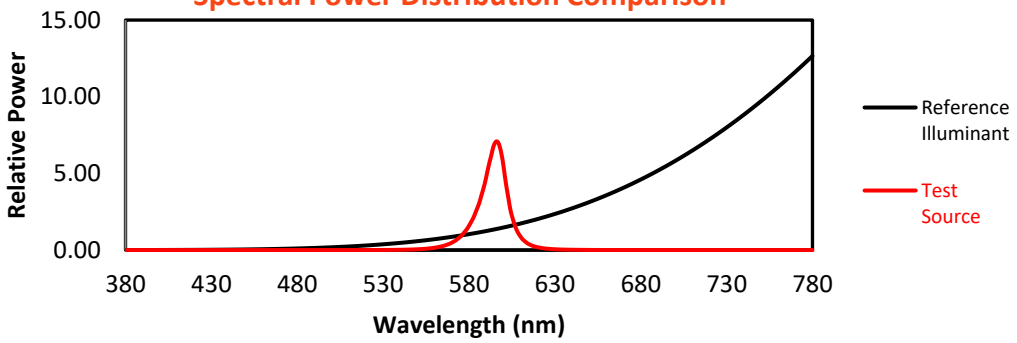
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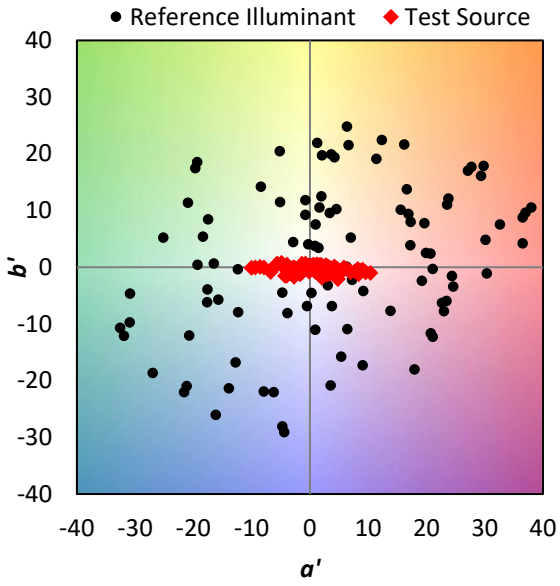
Summary

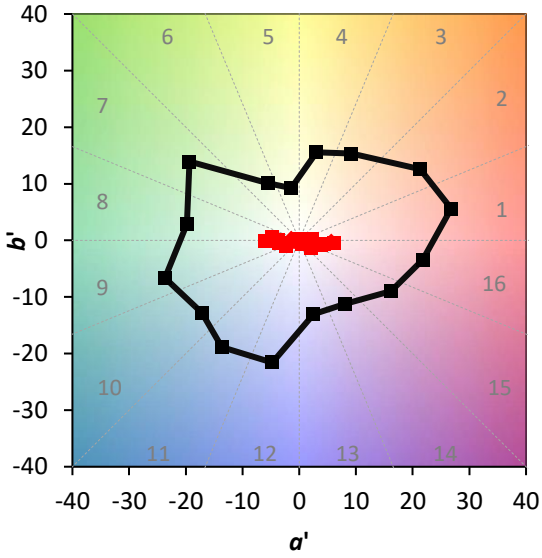
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

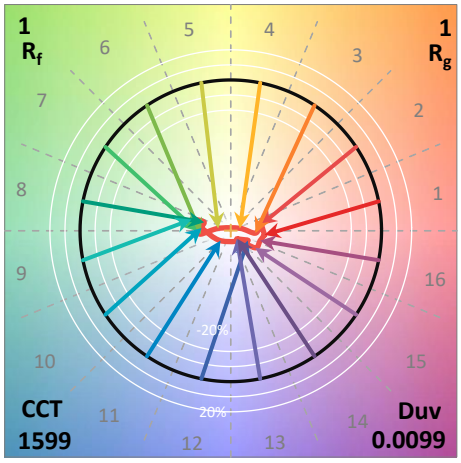
Spectral Power Distribution Comparison

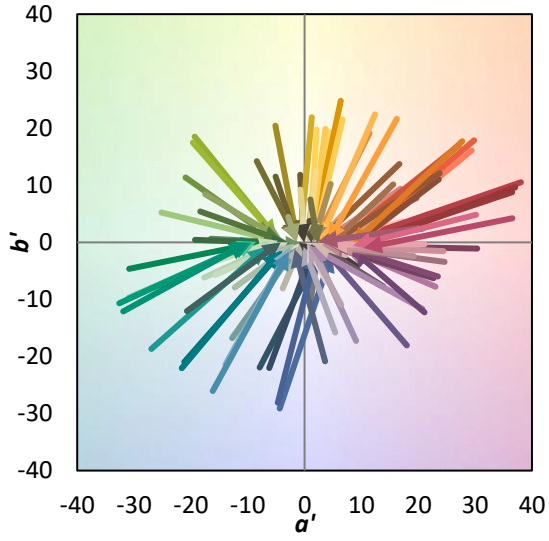


Color Vector Graphics







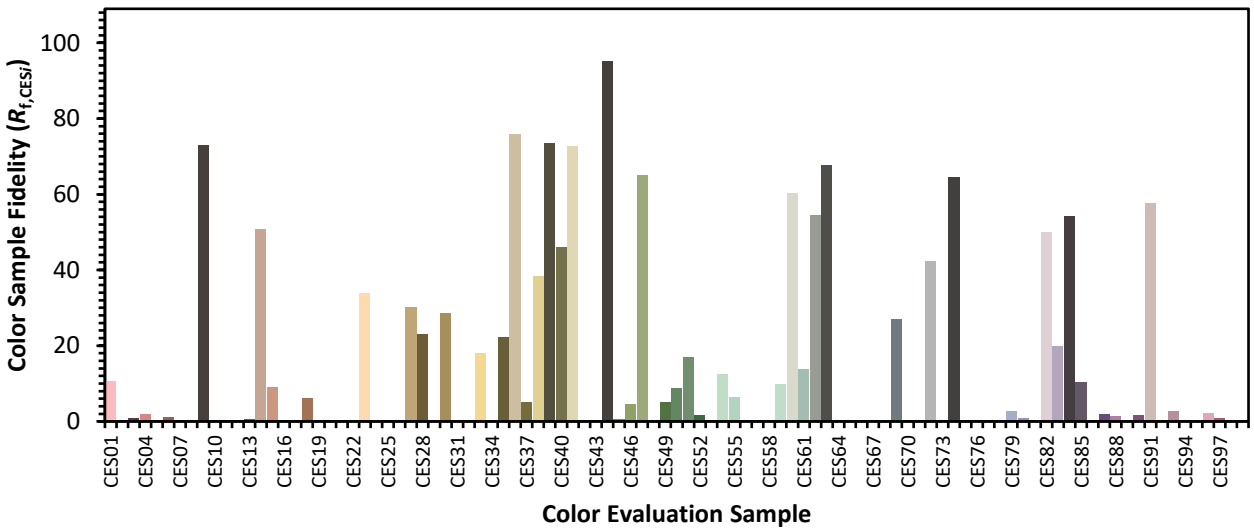


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Individual Sample Fidelity Index ($R_{f,i}$)

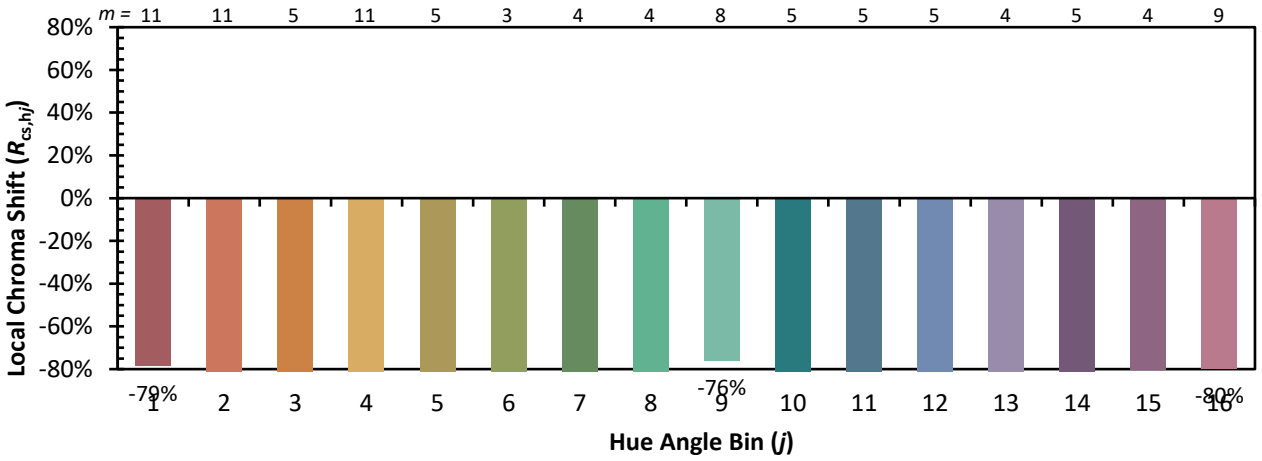
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

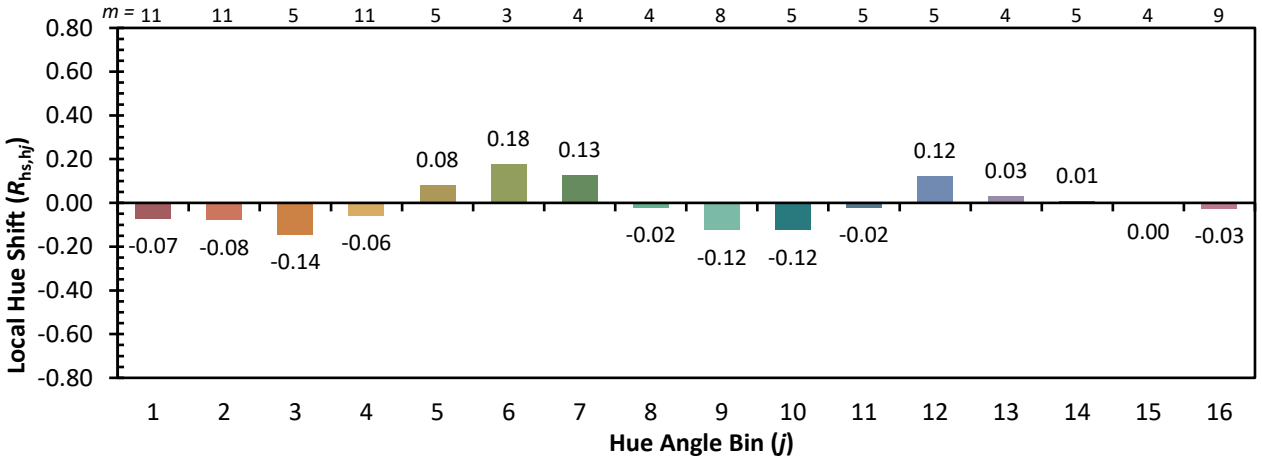


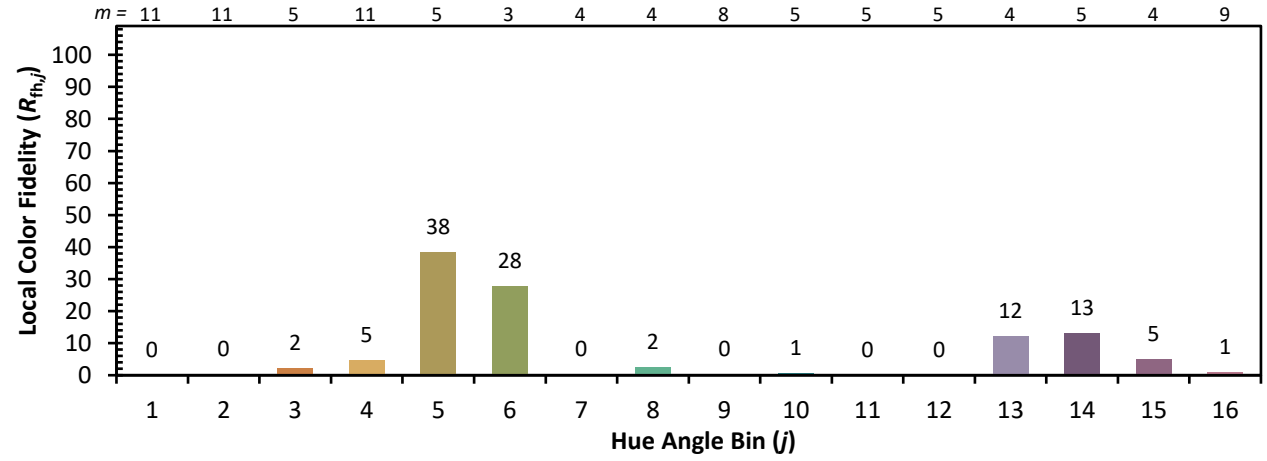
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Color Rendition by Hue-Angle Bin



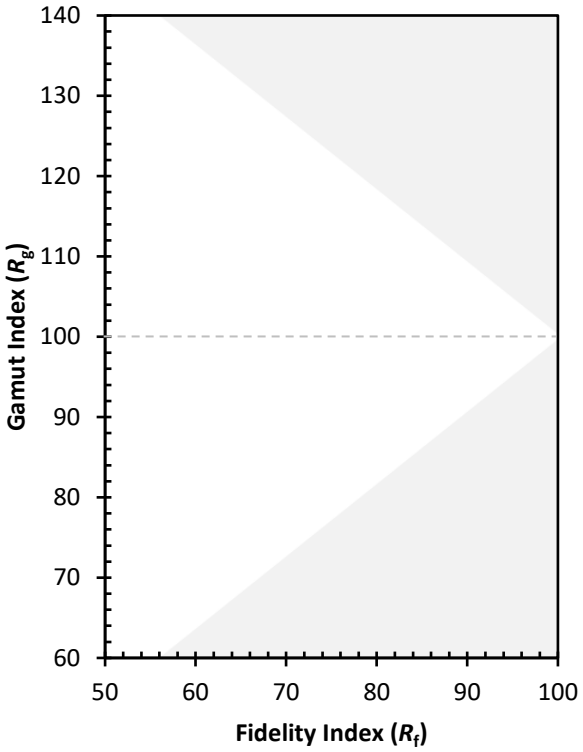


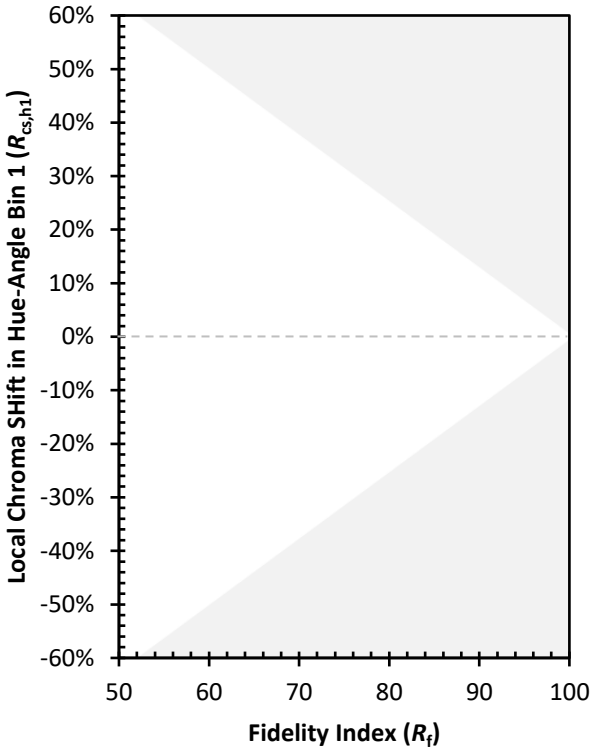


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Measure Comparisons





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