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-T4LG

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-T4LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 LOW GLARE DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2130.1 lumens
Efficiency:	N/A
Efficacy:	59.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

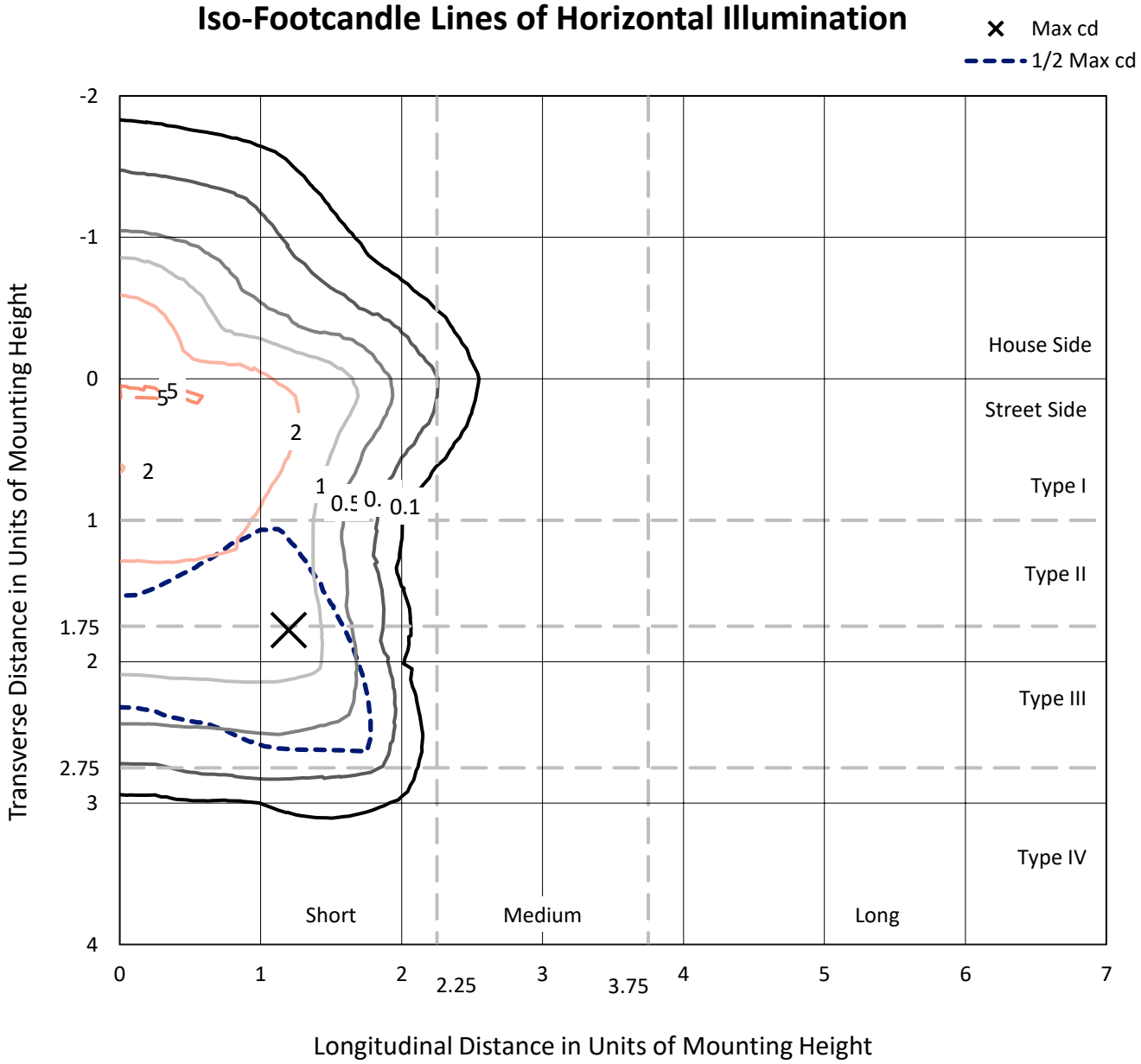


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



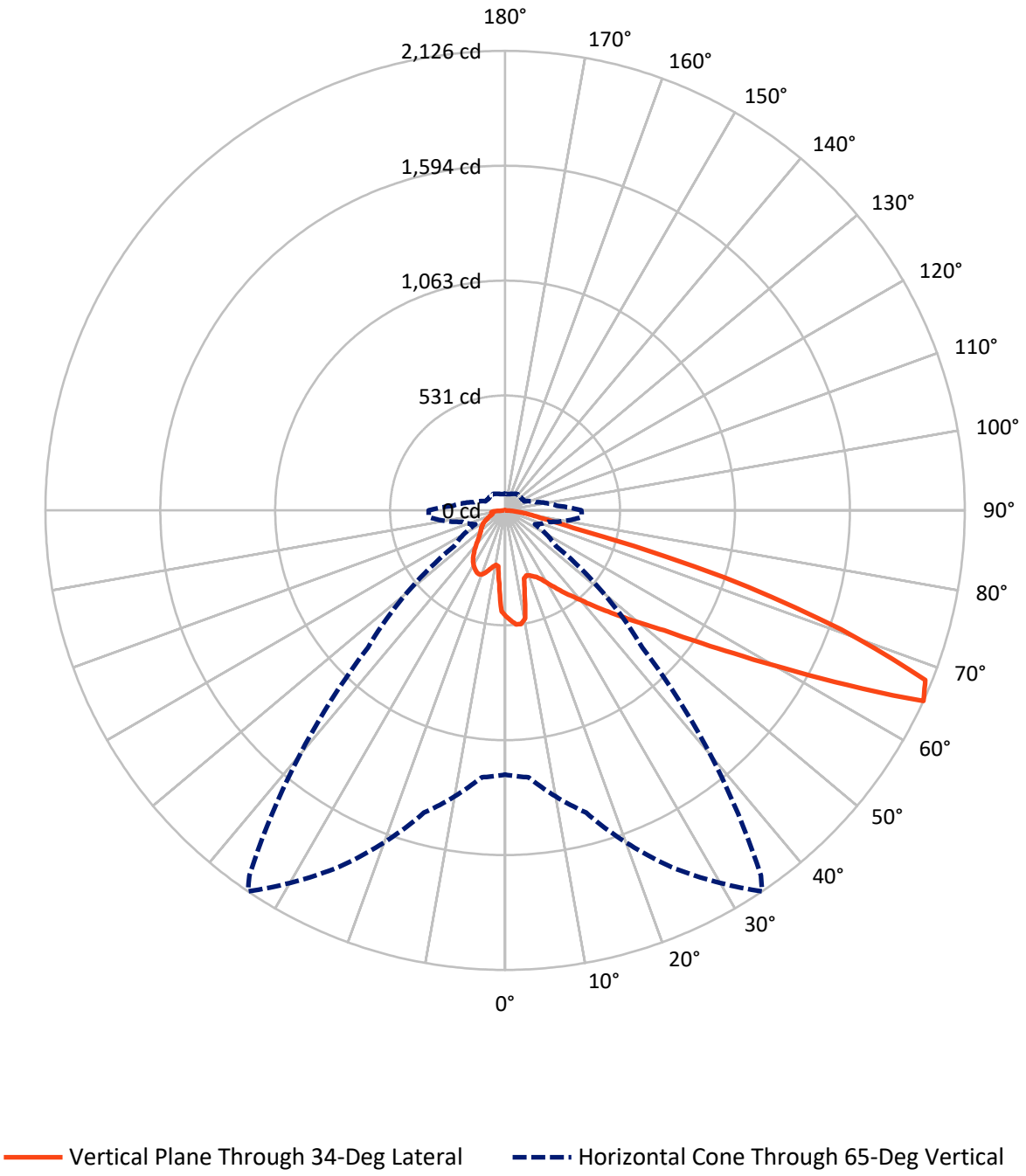
Based on 10 foot mounting height. Maximum calculated value = 5.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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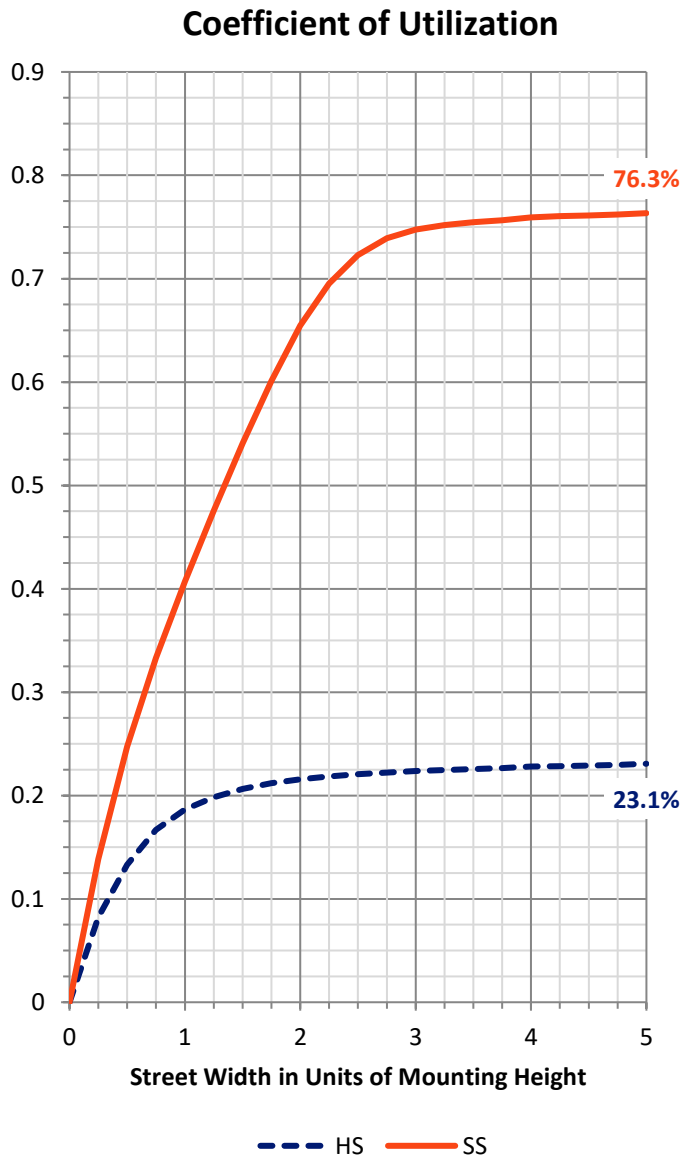
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	500.8	0.0	500.8
	% Fixture	23.5	0.0	23.5
Street Side	Lumens	1629.3	0.0	1629.3
	% Fixture	76.5	0.0	76.5
Total	Lumens	2130.1	0.0	2130.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	2.0
10°-20°	107.6	5.0
20°-30°	180.3	8.5
30°-40°	270.1	12.7
40°-50°	376.5	17.7
50°-60°	502.8	23.6
60°-70°	491.6	23.1
70°-80°	137.0	6.4
80°-90°	22.3	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°	2130.1	100.0
0°-180°	2130.1	100.0



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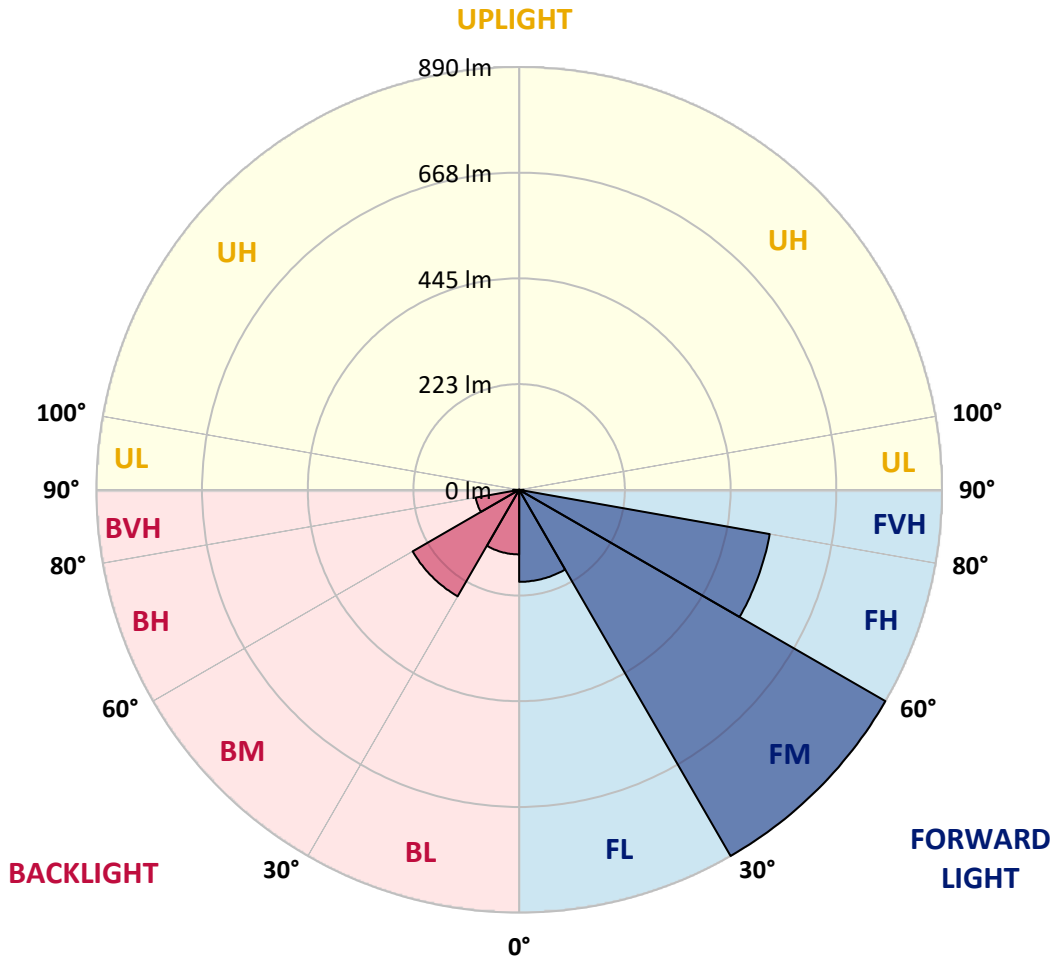
Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	193.8	9.1			
FM	(30°-60°)	890.4	41.8			
FH	(60°-80°)	535.6	25.1			G0/660
FVH	(80°-90°)	9.4	0.4			G0/10
BL	(0°-30°)	136.0	6.4	B1/500		
BM	(30°-60°)	258.9	12.2	B1/1000		
BH	(60°-80°)	93.0	4.4	B0/110		G0/110
BVH	(80°-90°)	12.9	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	489.2	489.2	489.2	489.2	*489.2*	489.2	489.2	489.2	489.2	489.2	489.2
2.5°	518.2	514.2	511.2	514.2	*510.2*	512.2	508.2	505.2	501.2	496.2	491.2
5°	537.2	532.2	529.2	531.2	*529.2*	529.2	528.2	520.2	517.2	508.2	499.2
7.5°	526.2	522.2	524.2	531.2	*531.2*	534.2	538.2	534.2	529.2	521.2	504.2
10°	430.1	427.1	448.1	482.2	*509.2*	516.2	538.2	546.2	544.2	536.2	516.2
12.5°	320.1	318.1	328.1	359.1	*401.1*	420.1	505.2	555.2	563.2	556.2	531.2
15°	304.1	302.1	303.1	309.1	*327.1*	334.1	417.1	544.2	587.2	587.2	553.2
17.5°	303.1	301.1	301.1	308.1	*317.1*	321.1	353.1	503.2	610.2	613.2	571.2
20°	300.1	299.1	300.1	310.1	*321.1*	324.1	349.1	443.1	629.2	646.2	592.2
22.5°	297.1	294.1	299.1	313.1	*331.1*	334.1	363.1	423.1	628.2	686.2	615.2
25°	296.1	294.1	300.1	321.1	*342.1*	349.1	384.1	443.1	623.2	728.2	636.2
27.5°	296.1	295.1	308.1	335.1	*362.1*	370.1	415.1	483.2	630.2	768.3	664.2
30°	308.1	306.1	325.1	355.1	*393.1*	400.1	454.1	520.2	660.2	815.3	696.2
32.5°	329.1	329.1	350.1	387.1	*425.1*	437.1	491.2	571.2	717.2	860.3	729.2
35°	364.1	364.1	388.1	423.1	*465.2*	474.2	536.2	619.2	771.3	903.3	758.2
37.5°	409.1	409.1	431.1	470.2	*503.2*	511.2	573.2	665.2	813.3	930.3	784.3
40°	454.1	460.2	482.2	521.2	*549.2*	560.2	616.2	702.2	857.3	948.3	794.3
42.5°	512.2	512.2	538.2	575.2	*606.2*	613.2	671.2	757.2	897.3	947.3	785.3
45°	580.2	579.2	600.2	640.2	*668.2*	681.2	736.2	810.3	932.3	947.3	768.3
47.5°	667.2	668.2	679.2	715.2	*740.2*	751.2	796.3	849.3	948.3	947.3	765.3
50°	769.3	772.3	784.3	803.3	*823.3*	830.3	857.3	875.3	957.3	932.3	790.3
52.5°	892.3	888.3	905.3	912.3	*921.3*	931.3	924.3	912.3	914.3	887.3	839.3
55°	987.3	983.3	1019.3	1045.3	*1065.4*	1061.3	1005.3	897.3	820.3	819.3	870.3
57.5°	1059.3	1066.4	1133.4	1214.4	*1245.4*	1248.4	1106.4	822.3	699.2	686.2	860.3
60°	1207.4	1210.4	1278.4	1407.5	*1479.5*	1491.5	1108.4	700.2	489.2	512.2	748.2
62.5°	1308.4	1313.4	1451.5	1669.6	*1778.6*	1755.6	1062.4	479.2	289.1	333.1	534.2
65°	*1222.4*	*1239.4*	*1447.5*	*1820.6*	*2125.7*	*2061.7*	*897.3*	*287.1*	*152.1*	*206.1*	*355.1*
67.5°	967.3	979.3	1214.4	1672.6	*2095.7*	2017.7	613.2	151.0	98.0	147.0	225.1
70°	443.1	462.2	773.3	1320.4	*1648.5*	1557.5	329.1	87.0	82.0	103.0	145.0
72.5°	142.0	148.0	230.1	595.2	*1060.3*	962.3	114.0	69.0	73.0	84.0	108.0
75°	81.0	89.0	133.0	305.1	*325.1*	322.1	68.0	55.0	65.0	67.0	79.0
77.5°	52.0	55.0	85.0	184.1	*171.1*	153.1	51.0	43.0	53.0	49.0	47.0
80°	32.0	34.0	53.0	105.0	*114.0*	101.0	35.0	29.0	36.0	31.0	28.0
82.5°	19.0	20.0	27.0	48.0	*69.0*	64.0	19.0	17.0	27.0	21.0	17.0
85°	10.0	10.0	13.0	21.0	*32.0*	25.0	8.0	8.0	12.0	9.0	6.0
87.5°	2.0	2.0	2.0	3.0	*4.0*	4.0	2.0	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-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	489.2	489.2	489.2	489.2	489.2	489.2	489.2	489.2	489.2	489.2	489.2
2.5°	489.2	488.2	486.2	481.2	479.2	472.2	468.2	462.2	459.2	457.2	462.2
5°	491.2	486.2	479.2	459.2	422.1	378.1	343.1	319.1	303.1	296.1	298.1
7.5°	496.2	489.2	461.2	385.1	316.1	279.1	261.1	256.1	252.1	251.1	250.1
10°	504.2	491.2	419.1	315.1	272.1	258.1	255.1	255.1	256.1	255.1	256.1
12.5°	514.2	490.2	368.1	283.1	265.1	262.1	266.1	268.1	269.1	272.1	270.1
15°	526.2	485.2	334.1	278.1	270.1	276.1	280.1	285.1	288.1	287.1	288.1
17.5°	533.2	470.2	314.1	278.1	283.1	290.1	298.1	303.1	305.1	306.1	308.1
20°	539.2	457.2	307.1	285.1	296.1	306.1	313.1	316.1	316.1	317.1	316.1
22.5°	547.2	449.1	303.1	287.1	301.1	312.1	319.1	322.1	324.1	323.1	323.1
25°	550.2	437.1	295.1	284.1	294.1	306.1	315.1	318.1	321.1	320.1	320.1
27.5°	558.2	429.1	284.1	271.1	281.1	291.1	304.1	314.1	319.1	320.1	322.1
30°	569.2	426.1	271.1	253.1	262.1	277.1	292.1	305.1	314.1	318.1	320.1
32.5°	587.2	422.1	260.1	236.1	247.1	262.1	278.1	289.1	301.1	308.1	309.1
35°	602.2	432.1	250.1	220.1	231.1	245.1	258.1	270.1	283.1	292.1	296.1
37.5°	621.2	449.1	251.1	210.1	217.1	229.1	235.1	243.1	256.1	269.1	275.1
40°	637.2	472.2	268.1	210.1	202.1	212.1	211.1	217.1	230.1	238.1	240.1
42.5°	636.2	482.2	290.1	210.1	188.1	193.1	190.1	191.1	196.1	198.1	198.1
45°	631.2	487.2	302.1	205.1	170.1	174.1	172.1	170.1	164.1	161.1	161.1
47.5°	633.2	493.2	304.1	193.1	154.1	160.1	159.1	150.0	143.0	138.0	136.0
50°	653.2	496.2	281.1	174.1	139.0	147.0	149.0	137.0	129.0	122.0	121.0
52.5°	700.2	518.2	244.1	153.1	130.0	137.0	142.0	129.0	119.0	112.0	111.0
55°	746.2	554.2	209.1	141.0	122.0	128.0	134.0	121.0	113.0	108.0	110.0
57.5°	757.2	560.2	190.1	132.0	116.0	119.0	125.0	114.0	108.0	112.0	117.0
60°	687.2	483.2	179.1	124.0	109.0	111.0	118.0	107.0	96.0	96.0	98.0
62.5°	499.2	333.1	161.1	111.0	101.0	102.0	107.0	93.0	84.0	82.0	83.0
65°	*353.1*	*242.1*	*147.0*	*100.0*	*94.0*	*95.0*	*93.0*	*84.0*	*78.0*	*76.0*	*77.0*
67.5°	237.1	191.1	131.0	90.0	86.0	85.0	83.0	78.0	72.0	70.0	73.0
70°	159.1	149.0	112.0	80.0	77.0	72.0	75.0	71.0	65.0	66.0	70.0
72.5°	117.0	119.0	99.0	71.0	65.0	60.0	66.0	63.0	59.0	62.0	65.0
75°	86.0	89.0	82.0	60.0	56.0	52.0	59.0	59.0	58.0	67.0	70.0
77.5°	51.0	60.0	59.0	44.0	43.0	45.0	58.0	63.0	60.0	60.0	58.0
80°	32.0	36.0	42.0	30.0	30.0	38.0	61.0	75.0	64.0	59.0	57.0
82.5°	17.0	19.0	28.0	19.0	17.0	26.0	63.0	74.0	72.0	65.0	63.0
85°	5.0	6.0	13.0	8.0	7.0	12.0	55.0	55.0	48.0	36.0	35.0
87.5°	1.0	0.0	0.0	1.0	1.0	2.0	5.0	3.0	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

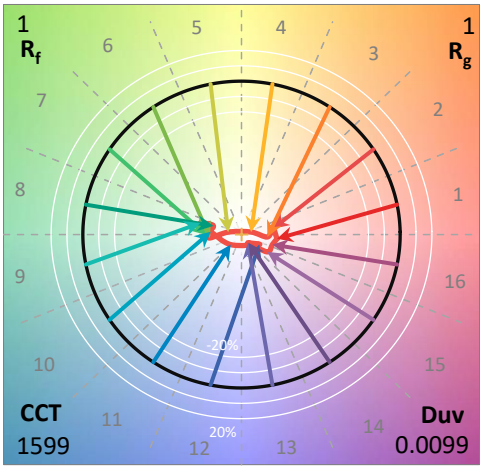
Test Information

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

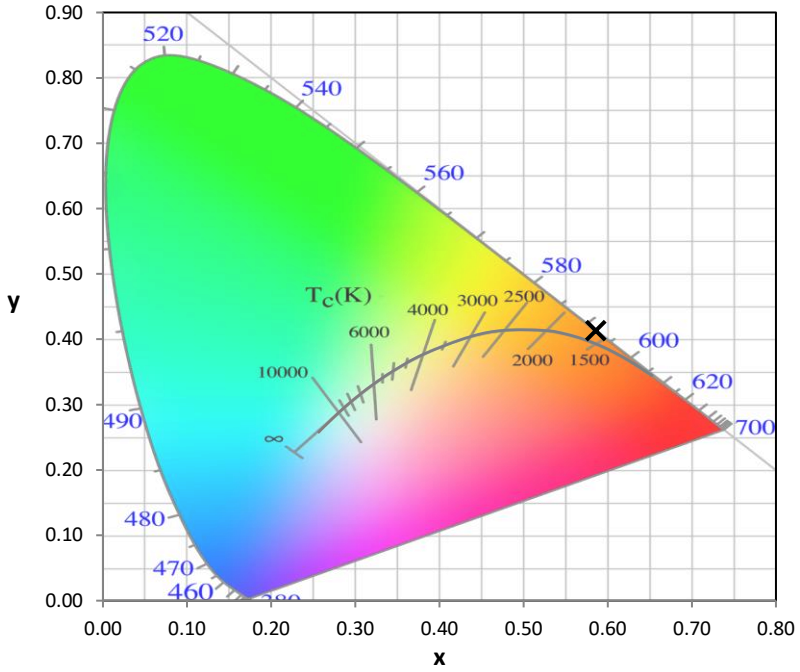
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

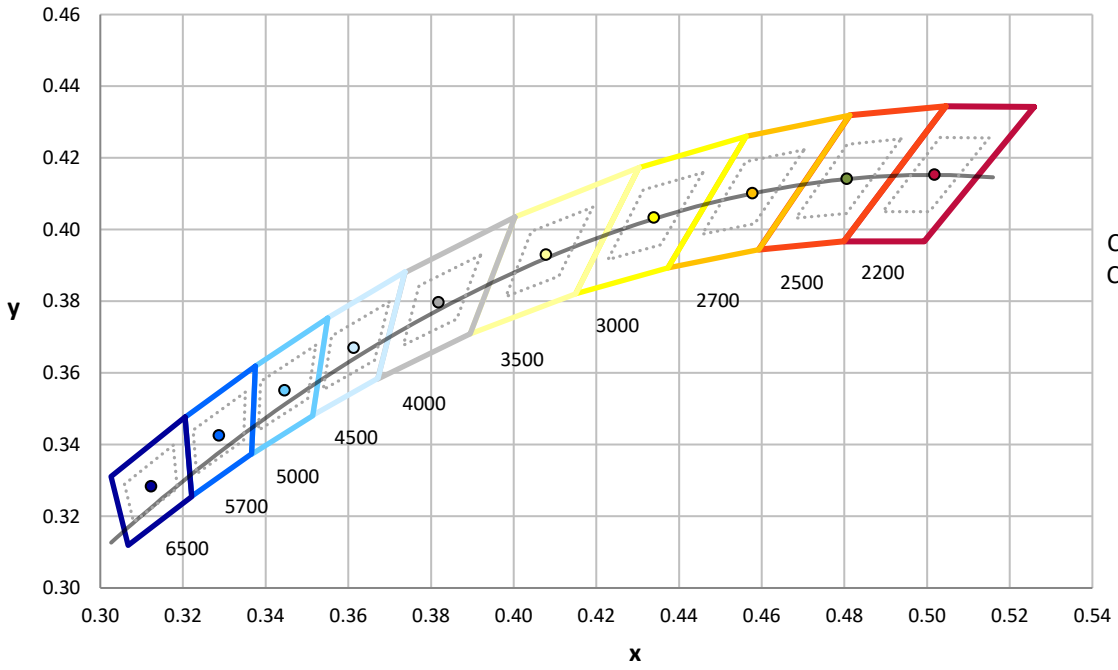
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

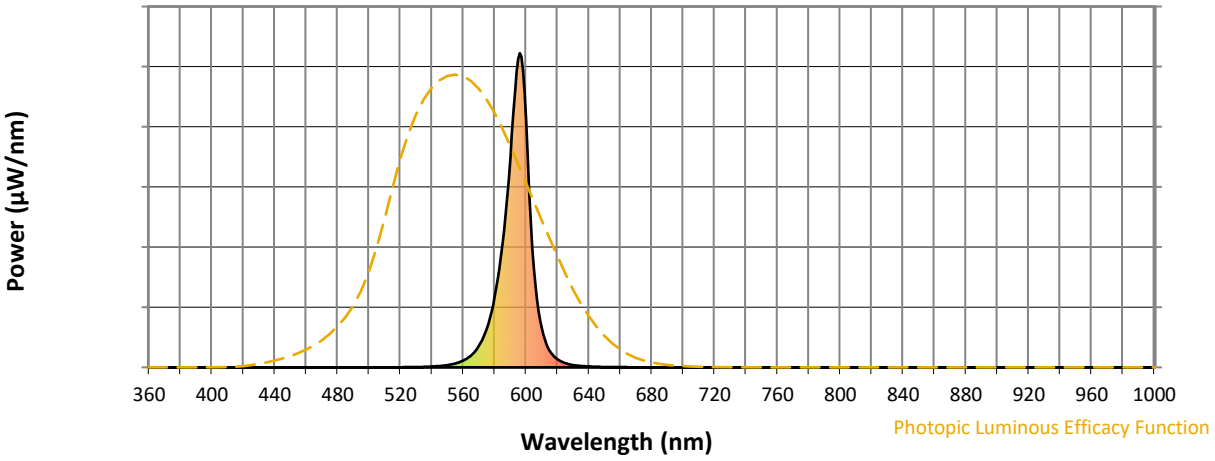


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

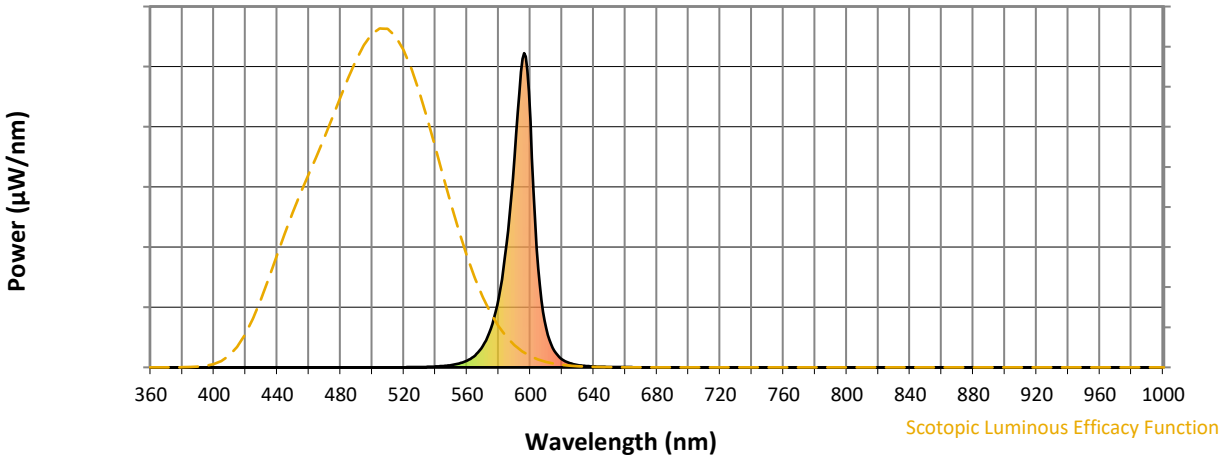


Photopic Lumens: NR

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

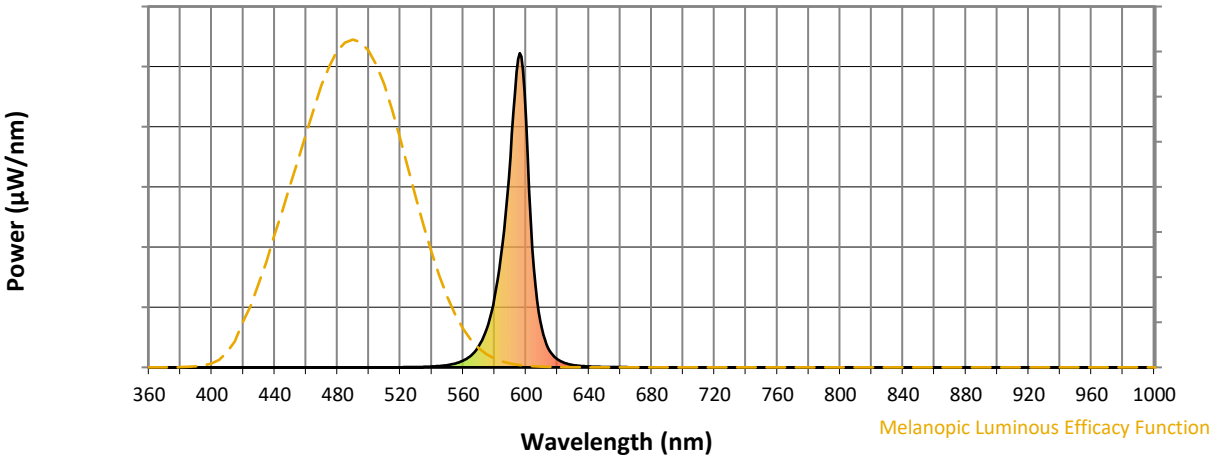


Scotopic Lumens: NR **S/P: 0.23**

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			

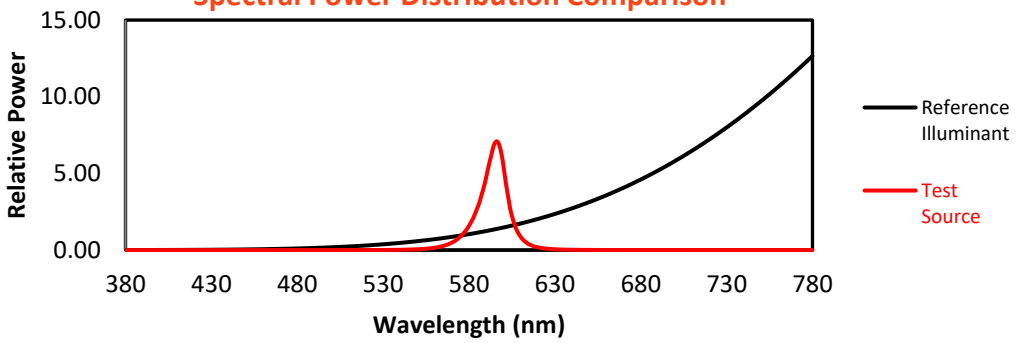
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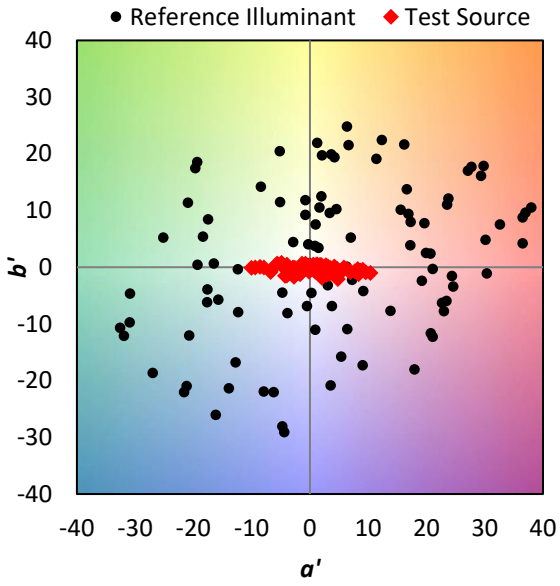
Summary

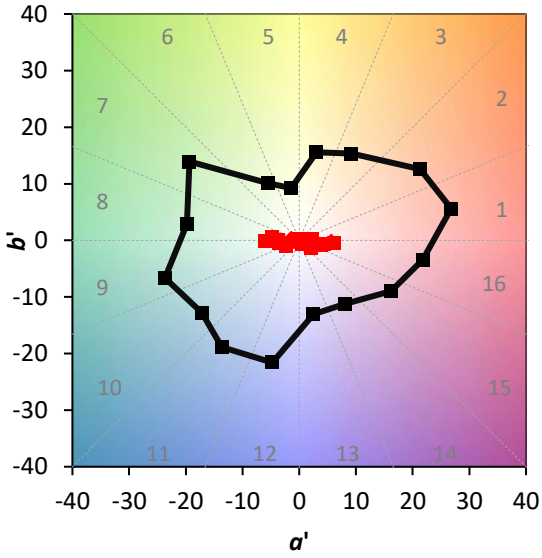
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

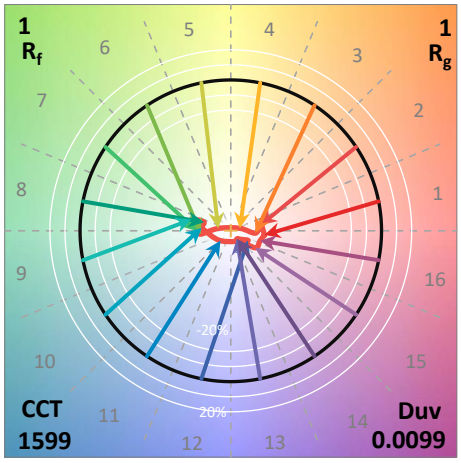
Spectral Power Distribution Comparison

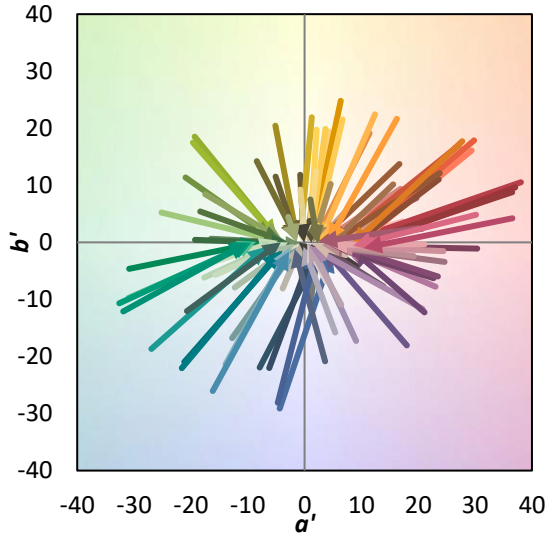


Color Vector Graphics







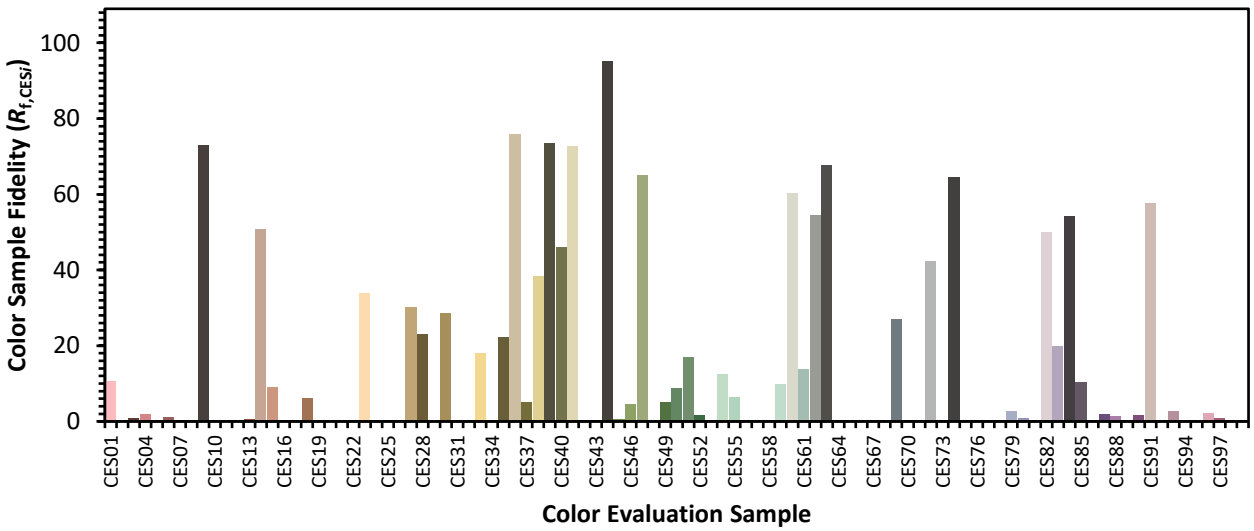


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Individual Sample Fidelity Index ($R_{f,i}$)

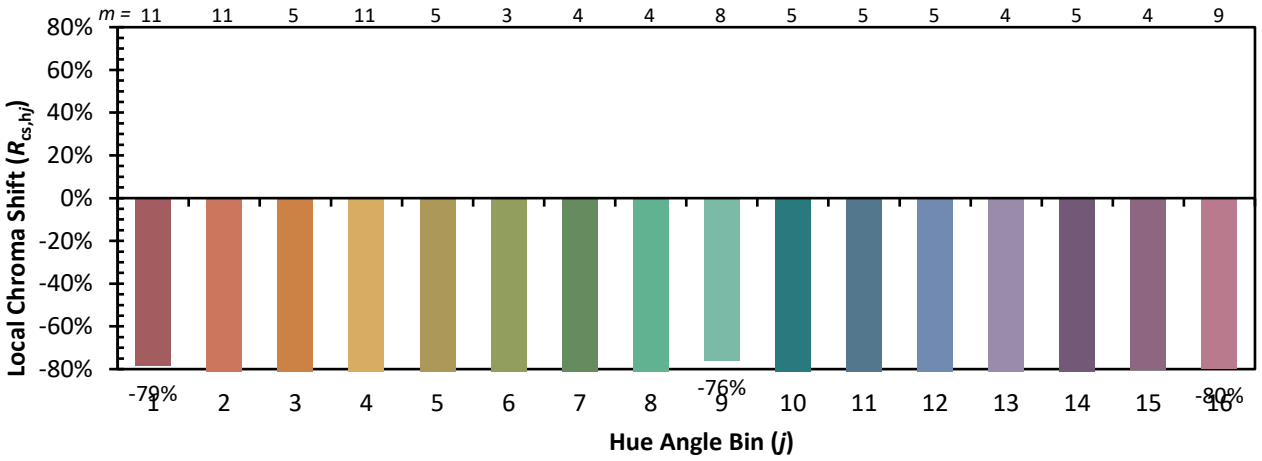
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

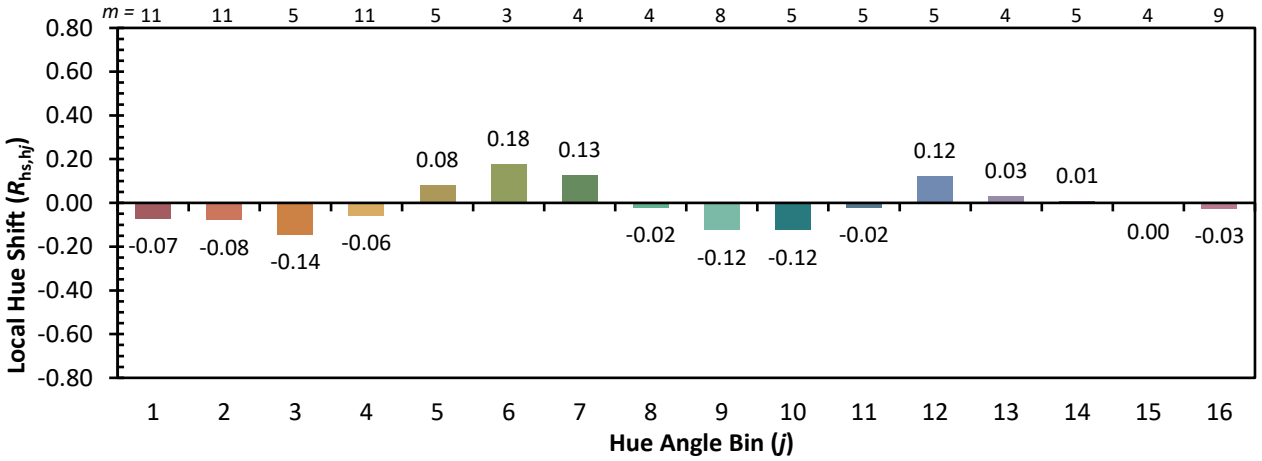


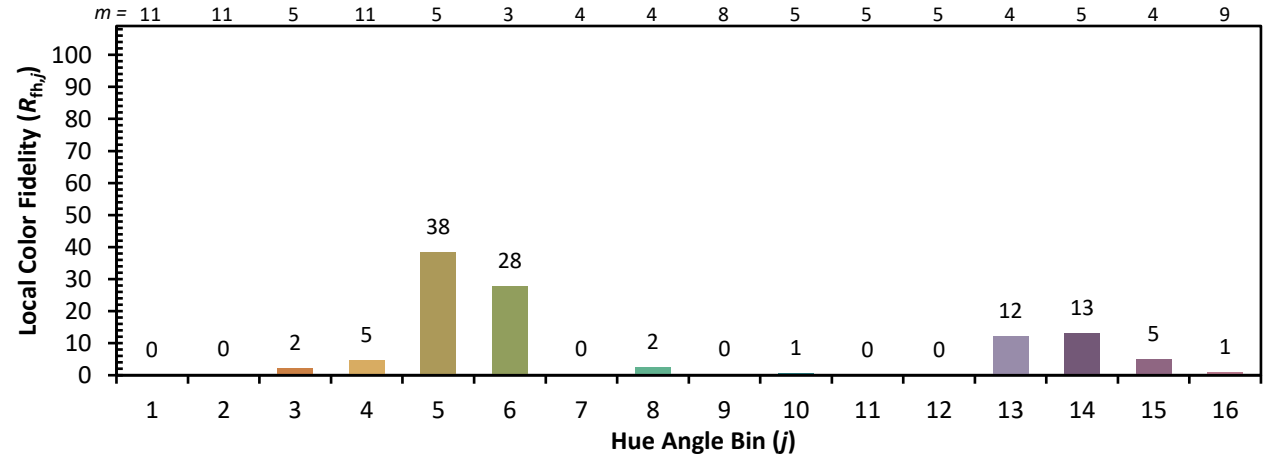
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Color Rendition by Hue-Angle Bin



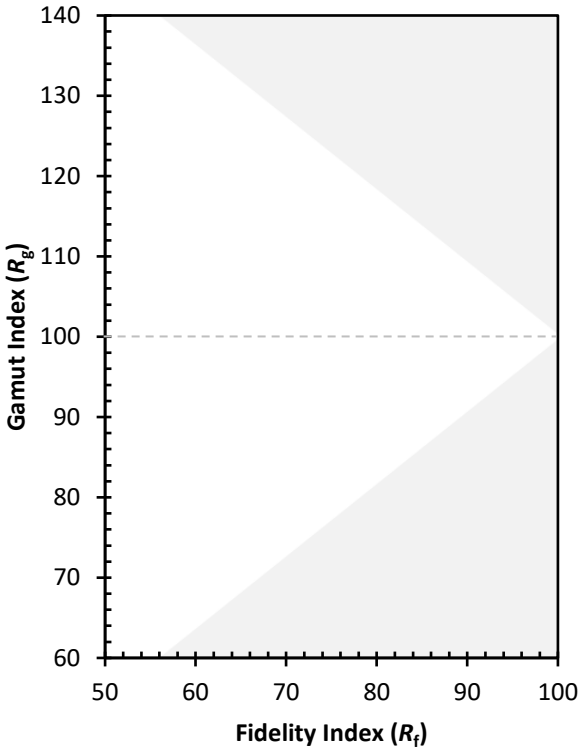


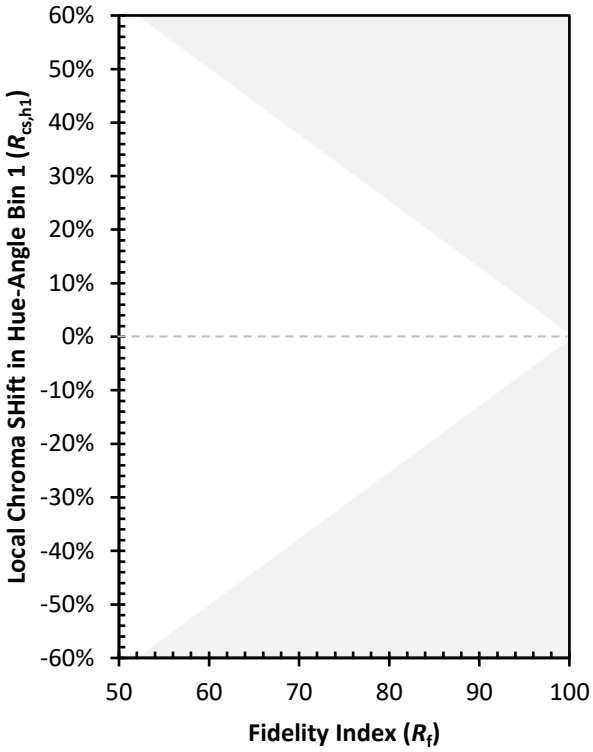


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Measure Comparisons





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