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

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

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2131.2 lumens
Efficiency:	N/A
Efficacy:	59.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

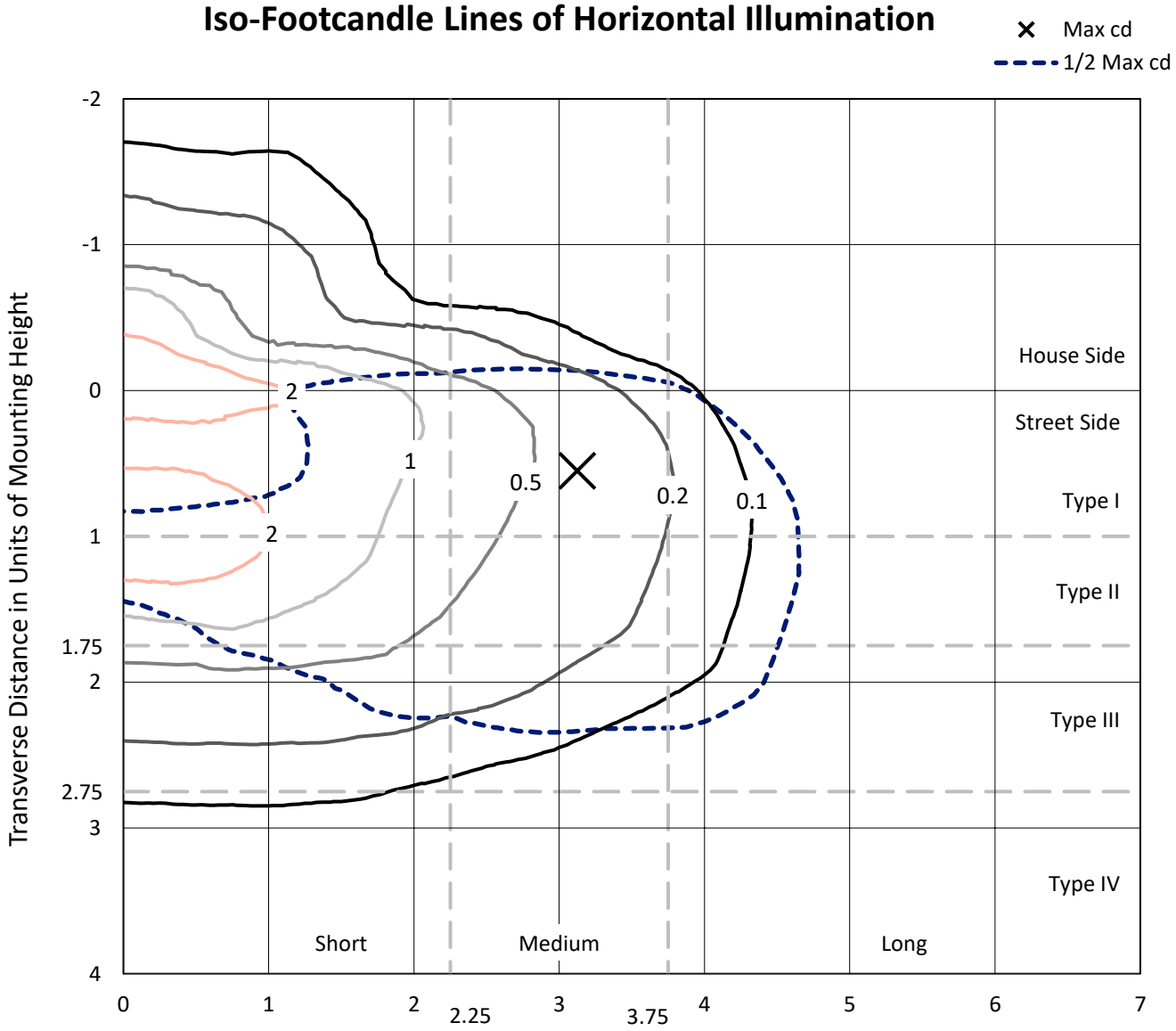


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



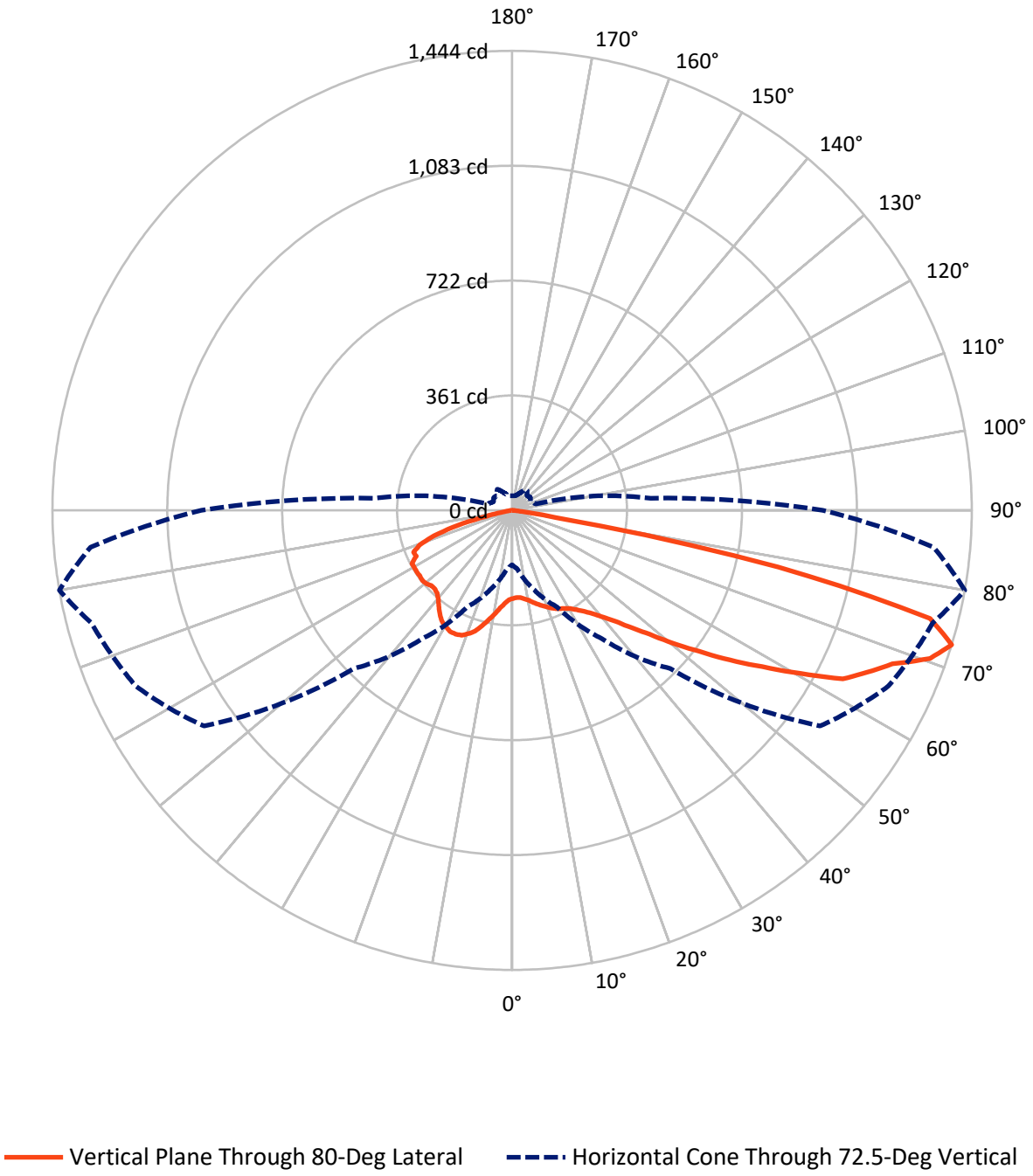
Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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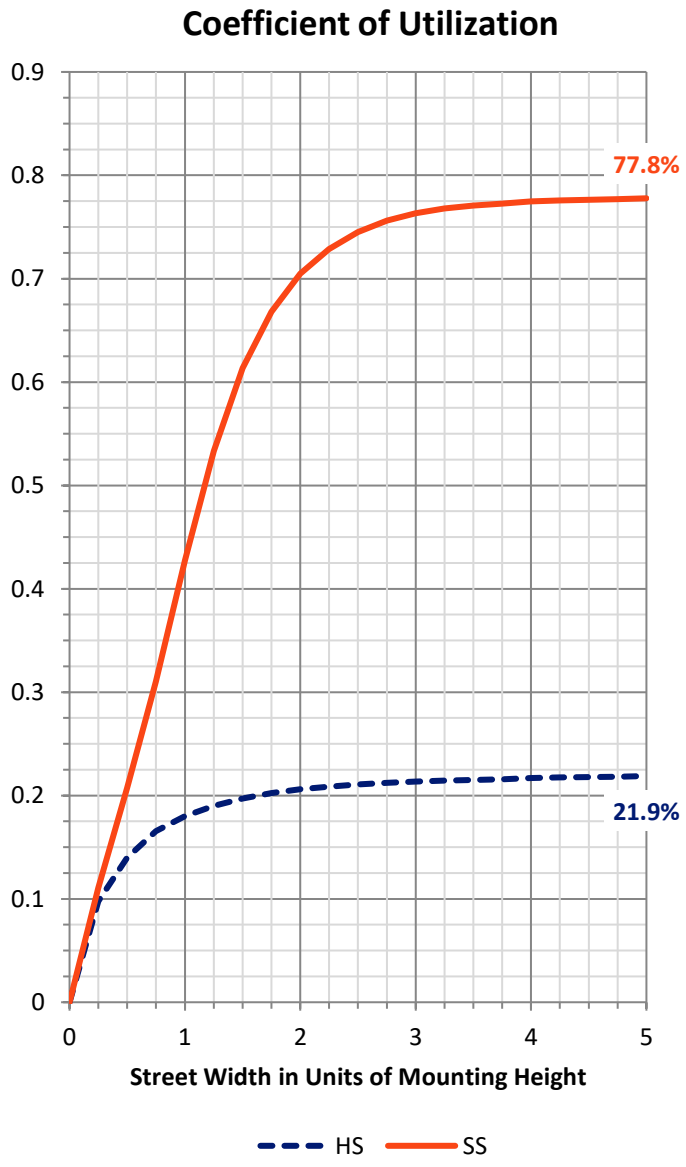
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	470.2	0.0	470.2
	% Fixture	22.1	0.0	22.1
Street Side	Lumens	1661.0	0.0	1661.0
	% Fixture	77.9	0.0	77.9
Total	Lumens	2131.2	0.0	2131.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.8	1.3
10°-20°	81.2	3.8
20°-30°	127.3	6.0
30°-40°	196.6	9.2
40°-50°	324.8	15.2
50°-60°	480.7	22.6
60°-70°	523.5	24.6
70°-80°	350.0	16.4
80°-90°	19.5	0.9
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°	2131.2	100.0
0°-180°	2131.2	100.0



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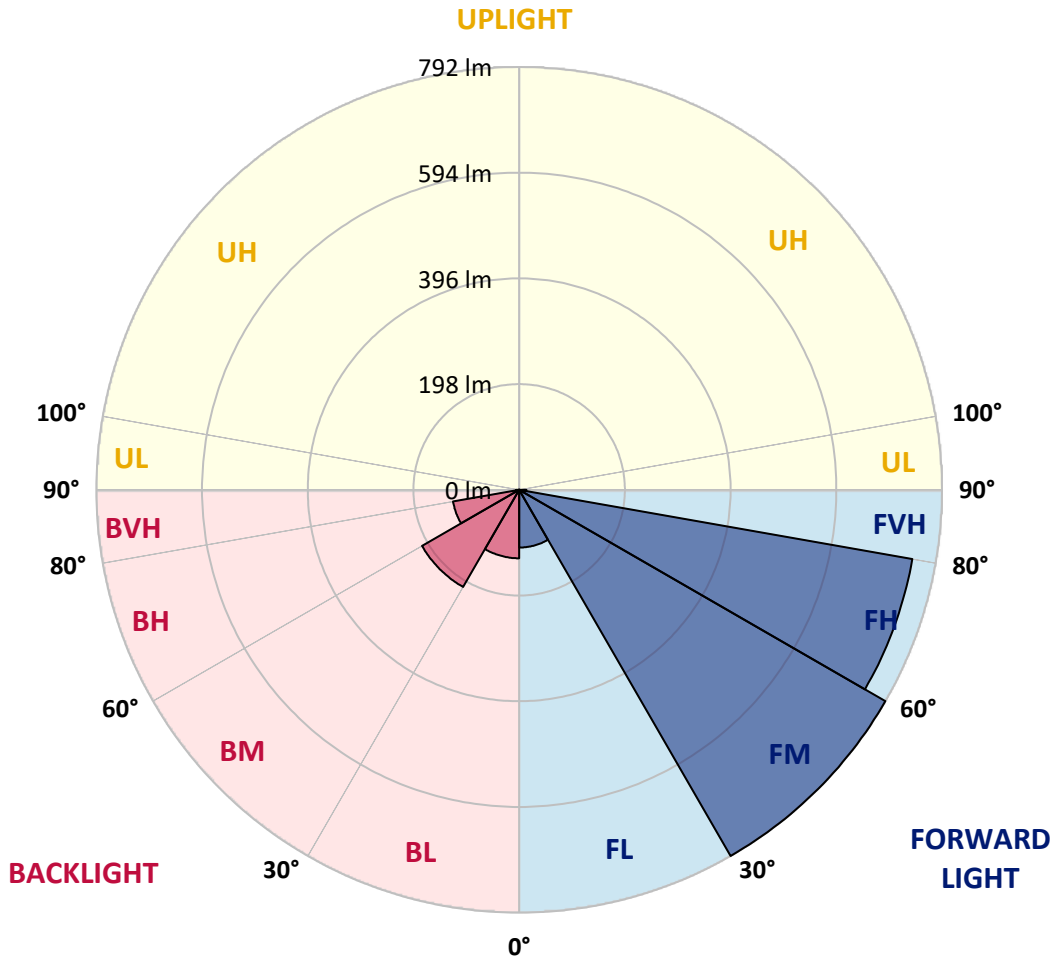
Scaled Data Report

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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°)	108.0	5.1			
FM	(30°-60°)	791.9	37.2			
FH	(60°-80°)	747.7	35.1			G1/1800
FVH	(80°-90°)	13.4	0.6			G1/100
BL	(0°-30°)	128.3	6.0	B1/500		
BM	(30°-60°)	210.1	9.9	B0/220		
BH	(60°-80°)	125.8	5.9	B1/500		G1/500
BVH	(80°-90°)	6.1	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-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	*277.0*	277.0
2.5°	262.0	264.0	263.0	265.0	265.0	267.0	269.0	270.0	273.0	*274.0*	275.0
5°	246.0	244.0	244.0	248.0	251.0	255.0	260.0	266.0	273.0	*275.0*	278.0
7.5°	222.0	222.0	223.0	229.0	236.0	245.0	253.0	264.0	276.0	*281.0*	285.0
10°	208.0	208.0	208.0	213.0	220.0	233.0	248.0	263.0	280.0	*287.0*	295.0
12.5°	202.0	201.0	202.0	205.0	211.0	223.0	242.0	264.0	286.0	*297.0*	307.0
15°	200.0	200.0	201.0	202.0	207.0	218.0	238.0	266.0	294.0	*306.0*	319.0
17.5°	200.0	201.0	200.0	202.0	206.0	216.0	237.0	268.0	301.0	*316.0*	329.0
20°	202.0	203.0	202.0	203.0	207.0	217.0	237.0	271.0	309.0	*325.0*	341.0
22.5°	212.0	212.0	210.0	209.0	212.0	219.0	238.0	274.0	317.0	*335.0*	351.0
25°	229.0	228.0	224.0	222.0	221.0	227.0	241.0	279.0	325.0	*342.0*	361.0
27.5°	268.0	270.0	260.0	246.0	239.0	238.0	250.0	284.0	334.0	*349.0*	370.0
30°	350.0	342.0	326.0	297.0	268.0	255.0	260.0	292.0	343.0	*358.0*	382.0
32.5°	434.0	433.0	402.0	363.0	320.0	286.0	276.0	304.0	357.0	*372.0*	395.0
35°	544.0	545.0	498.0	437.0	380.0	323.0	298.0	319.0	374.0	*389.0*	415.0
37.5°	646.9	641.9	605.9	536.0	453.0	370.0	327.0	340.0	394.0	*412.0*	444.0
40°	739.9	730.9	710.9	647.9	541.0	434.0	364.0	365.0	419.0	*441.0*	482.0
42.5°	792.9	793.9	793.9	760.9	649.9	512.0	412.0	402.0	453.0	*476.0*	530.0
45°	836.9	832.9	853.9	857.9	769.9	610.9	476.0	445.0	498.0	*525.0*	591.9
47.5°	883.9	892.9	907.9	945.9	892.9	721.9	556.0	505.0	556.0	*581.0*	663.9
50°	942.9	943.9	970.9	1016.9	1004.9	853.9	651.9	572.0	622.9	*656.9*	741.9
52.5°	909.9	925.9	987.9	1062.9	1086.9	974.9	755.9	656.9	701.9	*735.9*	831.9
55°	711.9	770.9	961.9	1062.9	1122.9	1079.9	870.9	747.9	784.9	*829.9*	920.9
57.5°	588.9	603.9	760.9	1016.9	1080.9	1143.9	982.9	858.9	882.9	*926.9*	1026.9
60°	543.0	552.0	627.9	943.9	1007.9	1129.9	1080.9	965.9	987.9	*1038.9*	1138.9
62.5°	447.0	457.0	530.0	776.9	938.9	1080.9	1154.9	1073.9	1100.9	*1165.9*	1241.9
65°	395.0	403.0	448.0	588.9	860.9	1070.9	1189.9	1166.9	1176.9	*1225.9*	1240.9
67.5°	351.0	358.0	408.0	514.0	707.9	1077.9	1206.9	1171.9	1208.9	*1287.9*	1304.9
70°	292.0	299.0	340.0	441.0	614.9	970.9	1157.9	1241.9	1321.9	*1392.9*	1355.9
72.5°	*171.0*	*184.0*	*255.0*	*335.0*	*492.0*	*702.9*	*1180.9*	*1304.9*	*1367.9*	*1443.9*	*1328.9*
75°	51.0	54.0	119.0	189.0	251.0	488.0	855.9	1299.9	1341.9	*1355.9*	1172.9
77.5°	37.0	40.0	59.0	93.0	97.0	226.0	526.0	971.9	926.9	*854.9*	628.9
80°	28.0	29.0	44.0	46.0	47.0	74.0	137.0	191.0	226.0	*139.0*	120.0
82.5°	18.0	20.0	33.0	28.0	24.0	25.0	34.0	52.0	52.0	*30.0*	26.0
85°	8.0	10.0	20.0	14.0	9.0	11.0	15.0	19.0	16.0	*11.0*	10.0
87.5°	1.0	1.0	1.0	2.0	2.0	3.0	4.0	5.0	6.0	*6.0*	6.0
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

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CATALOG NUMBER: GSS-SB1A-AMB-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0
2.5°	277.0	280.0	282.0	285.0	289.0	293.0	296.0	299.0	300.0	301.0	300.0
5°	282.0	287.0	299.0	308.0	318.0	325.0	329.0	334.0	335.0	336.0	338.0
7.5°	291.0	299.0	319.0	331.0	346.0	353.0	359.0	359.0	358.0	358.0	358.0
10°	304.0	317.0	343.0	359.0	373.0	372.0	363.0	354.0	346.0	343.0	343.0
12.5°	318.0	335.0	367.0	388.0	385.0	367.0	344.0	326.0	315.0	311.0	309.0
15°	334.0	357.0	391.0	404.0	380.0	342.0	314.0	297.0	286.0	281.0	281.0
17.5°	350.0	377.0	416.0	406.0	356.0	311.0	281.0	262.0	255.0	251.0	251.0
20°	364.0	393.0	429.0	389.0	322.0	274.0	248.0	242.0	244.0	246.0	247.0
22.5°	379.0	411.0	435.0	360.0	284.0	237.0	230.0	236.0	243.0	246.0	246.0
25°	393.0	428.0	427.0	324.0	237.0	214.0	221.0	231.0	239.0	247.0	247.0
27.5°	408.0	445.0	410.0	275.0	200.0	199.0	209.0	224.0	239.0	250.0	251.0
30°	424.0	459.0	382.0	225.0	177.0	184.0	197.0	216.0	232.0	244.0	247.0
32.5°	448.0	474.0	353.0	180.0	161.0	168.0	184.0	200.0	217.0	224.0	225.0
35°	474.0	485.0	314.0	151.0	146.0	155.0	168.0	177.0	180.0	181.0	182.0
37.5°	505.0	497.0	266.0	137.0	135.0	144.0	150.0	144.0	142.0	138.0	138.0
40°	546.0	510.0	218.0	130.0	129.0	135.0	130.0	120.0	114.0	113.0	112.0
42.5°	587.0	523.0	179.0	126.0	127.0	131.0	117.0	108.0	100.0	97.0	98.0
45°	633.9	539.0	153.0	126.0	128.0	130.0	114.0	101.0	93.0	100.0	103.0
47.5°	683.9	551.0	142.0	126.0	130.0	128.0	115.0	96.0	93.0	108.0	113.0
50°	733.9	569.0	140.0	127.0	131.0	128.0	111.0	98.0	91.0	105.0	111.0
52.5°	783.9	575.0	140.0	127.0	133.0	130.0	109.0	96.0	87.0	92.0	94.0
55°	840.9	570.0	141.0	125.0	134.0	130.0	110.0	92.0	80.0	83.0	85.0
57.5°	894.9	571.0	141.0	120.0	132.0	125.0	112.0	89.0	78.0	79.0	79.0
60°	960.9	570.0	141.0	113.0	128.0	118.0	113.0	87.0	76.0	76.0	77.0
62.5°	1022.9	574.0	138.0	107.0	121.0	114.0	112.0	84.0	72.0	67.0	66.0
65°	989.9	537.0	130.0	97.0	112.0	109.0	108.0	80.0	67.0	62.0	62.0
67.5°	1027.9	548.0	125.0	88.0	95.0	101.0	100.0	75.0	61.0	57.0	57.0
70°	1035.9	512.0	105.0	78.0	84.0	88.0	88.0	67.0	54.0	51.0	51.0
72.5°	*975.9*	*437.0*	*78.0*	*64.0*	*70.0*	*66.0*	*81.0*	*61.0*	*48.0*	*46.0*	*46.0*
75°	806.9	304.0	55.0	51.0	51.0	57.0	68.0	56.0	43.0	43.0	41.0
77.5°	396.0	128.0	38.0	38.0	38.0	45.0	56.0	50.0	42.0	42.0	35.0
80°	105.0	49.0	23.0	21.0	23.0	30.0	40.0	37.0	33.0	30.0	21.0
82.5°	31.0	19.0	15.0	13.0	13.0	15.0	28.0	25.0	17.0	13.0	13.0
85°	11.0	10.0	8.0	7.0	6.0	5.0	8.0	13.0	8.0	7.0	7.0
87.5°	5.0	5.0	4.0	3.0	2.0	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

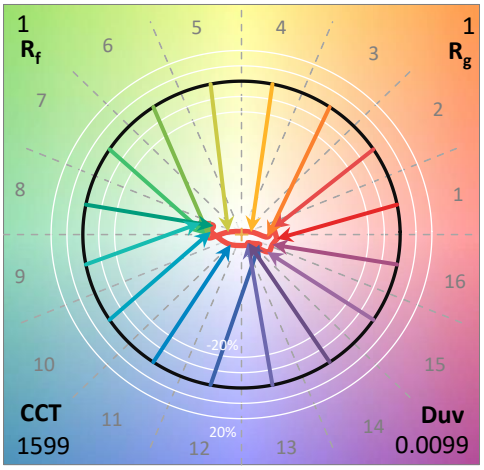
Test Information

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

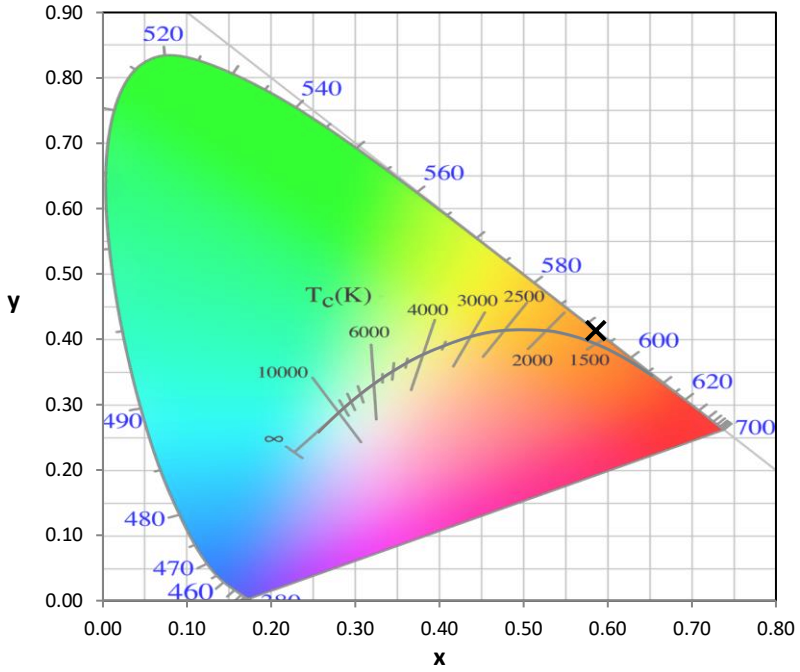
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

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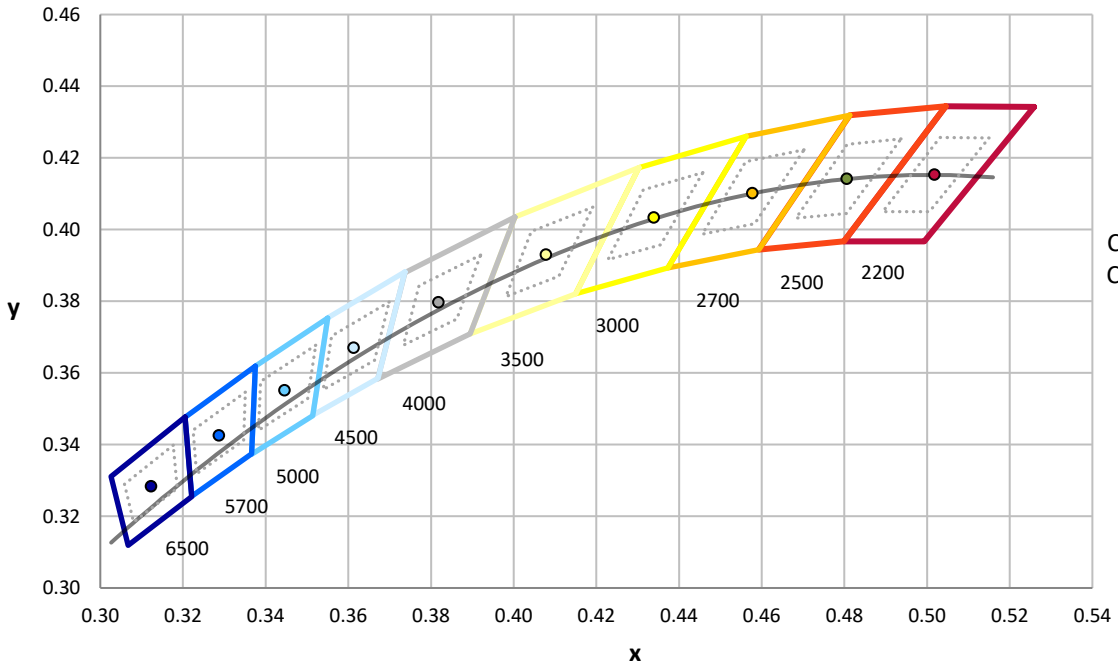
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

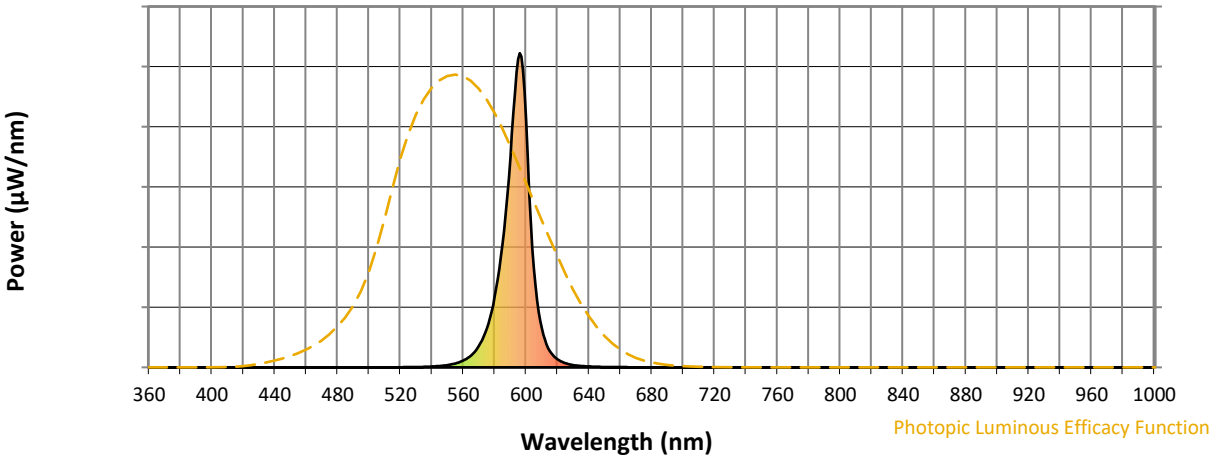


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

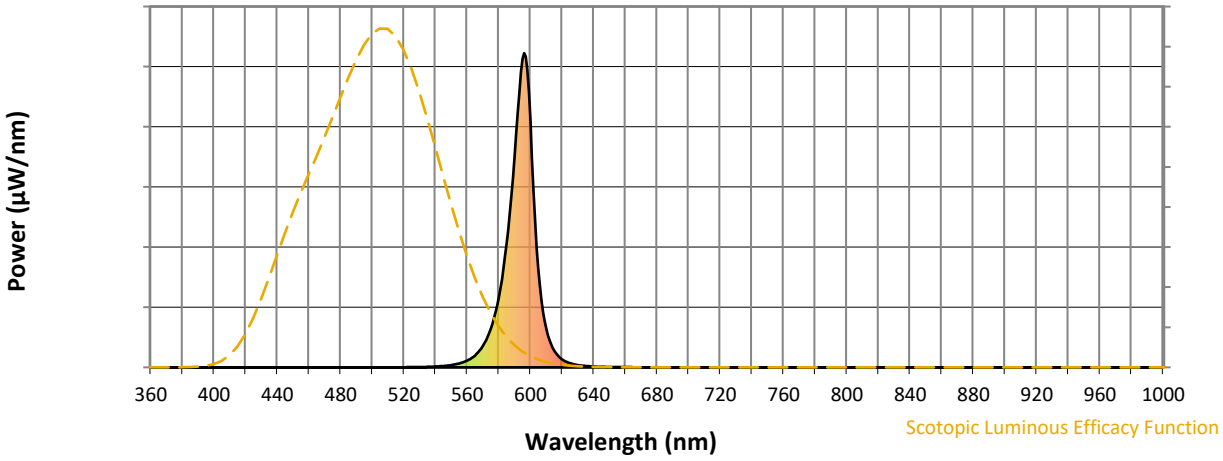


Photopic Lumens: NR

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

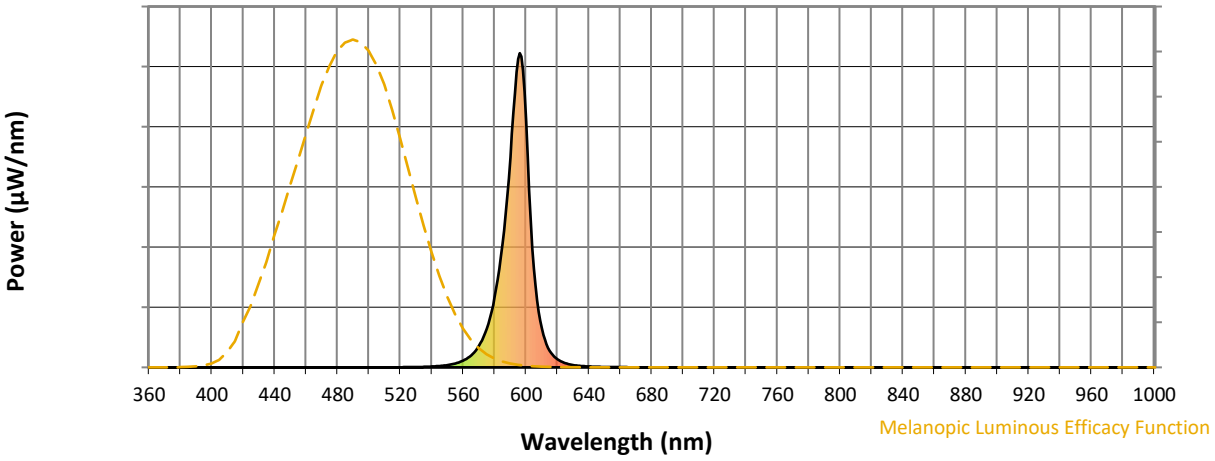


Scotopic Lumens: NR **S/P: 0.23**

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			

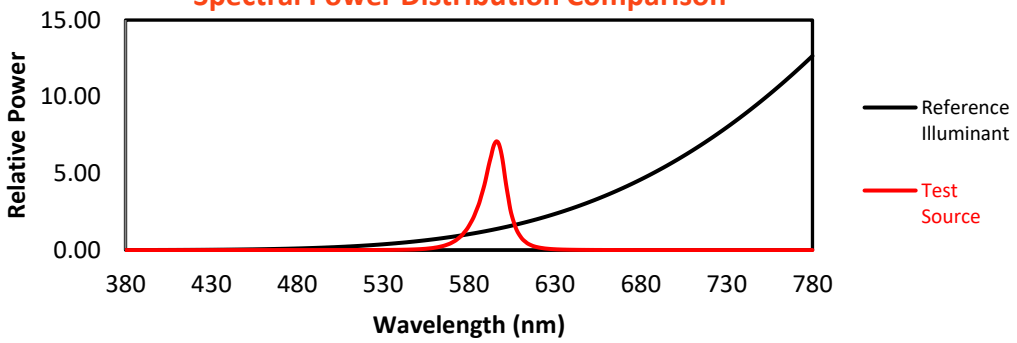
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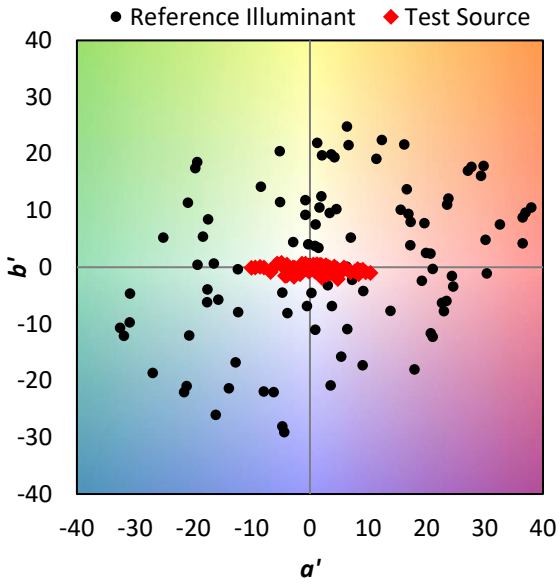
Summary

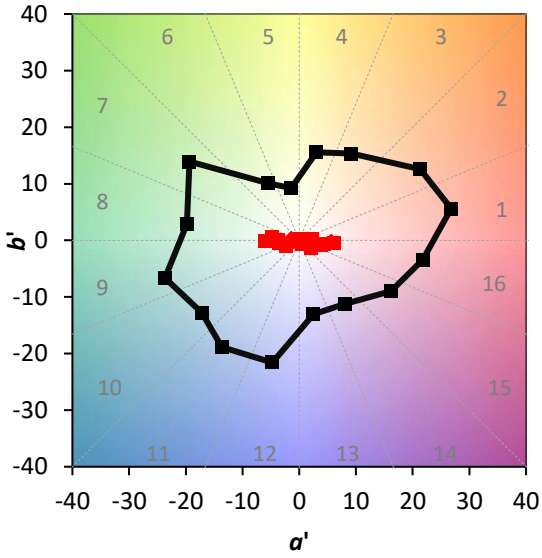
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

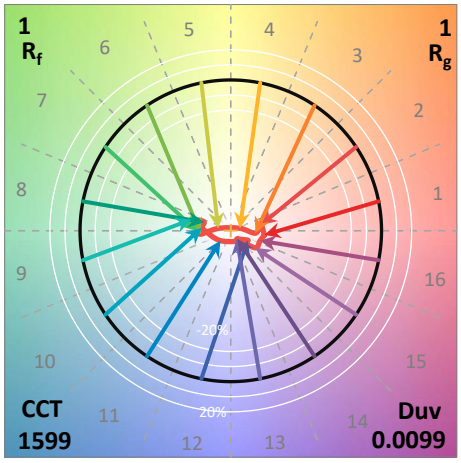
Spectral Power Distribution Comparison

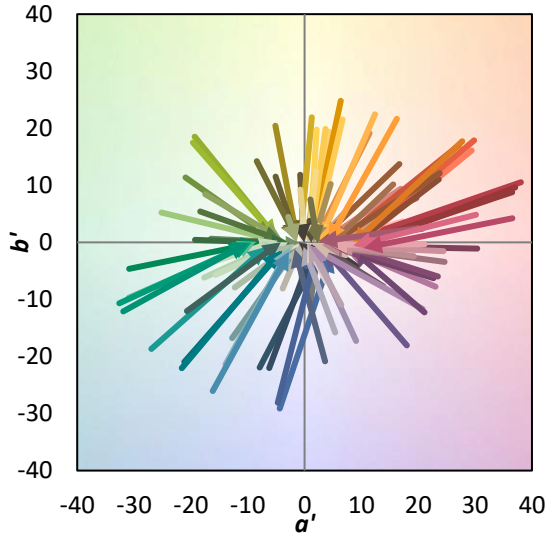


Color Vector Graphics







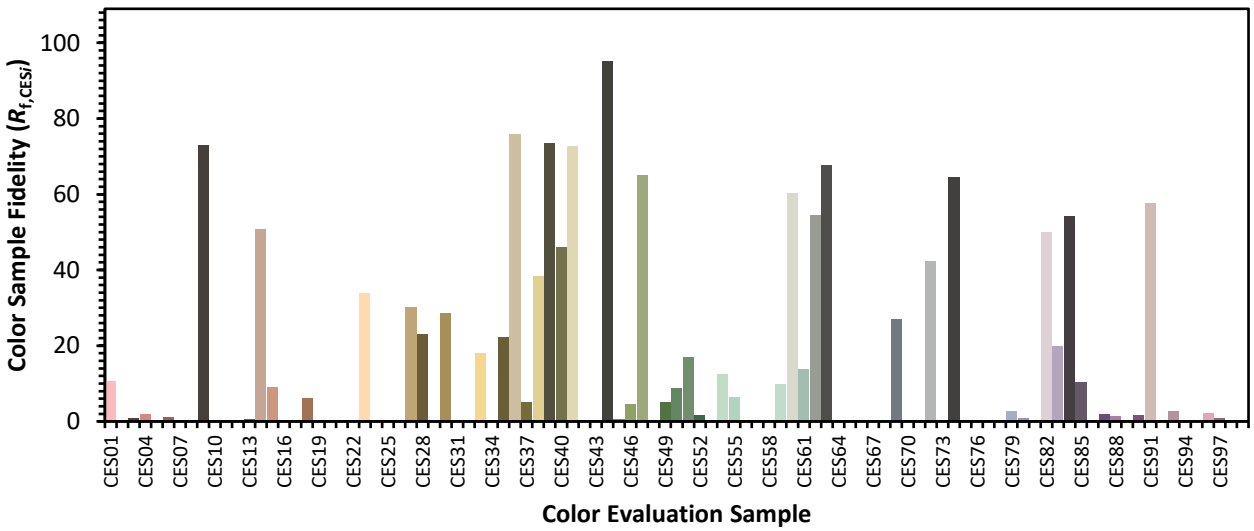


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Individual Sample Fidelity Index ($R_{f,i}$)

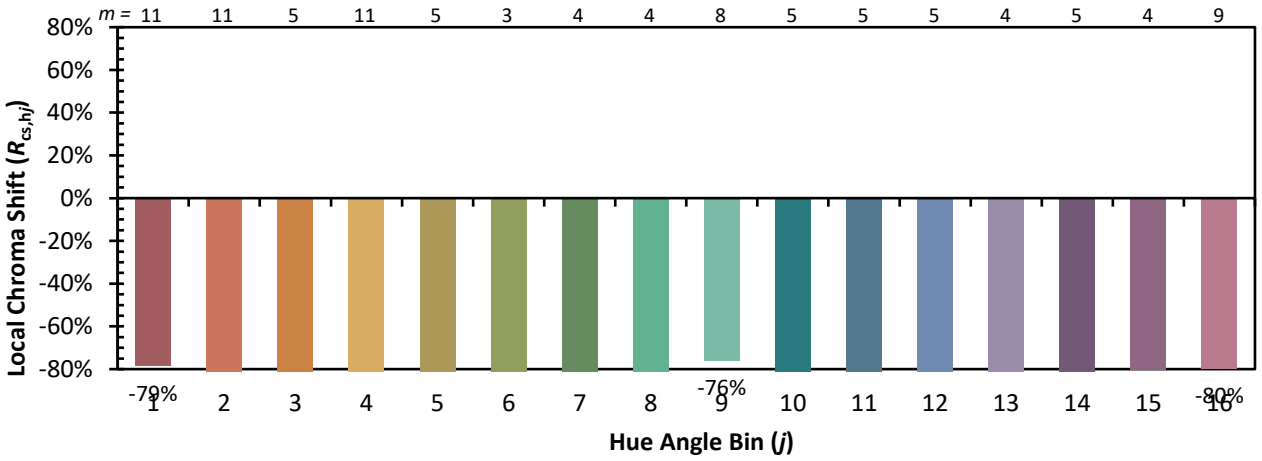
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

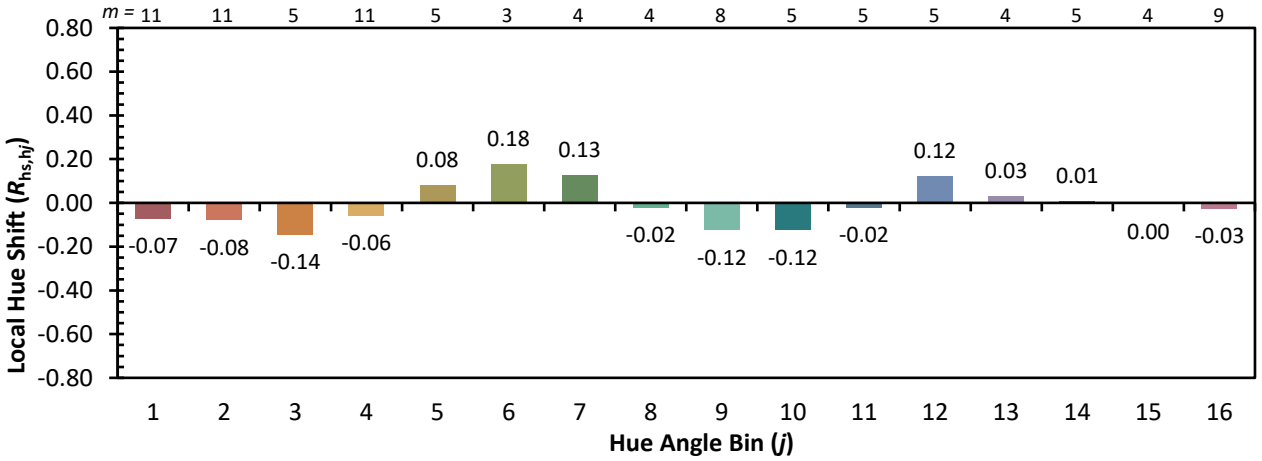


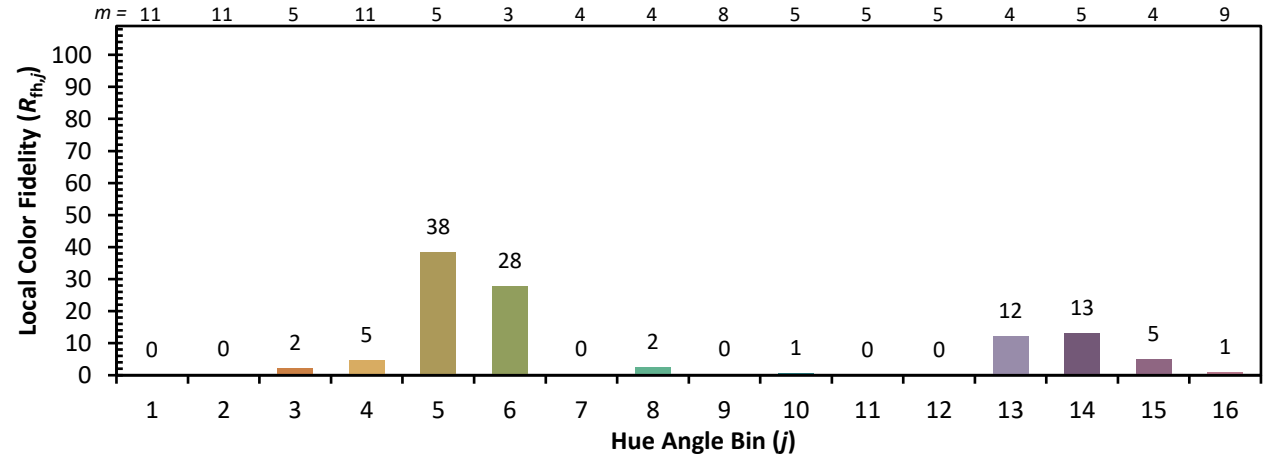
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Color Rendition by Hue-Angle Bin



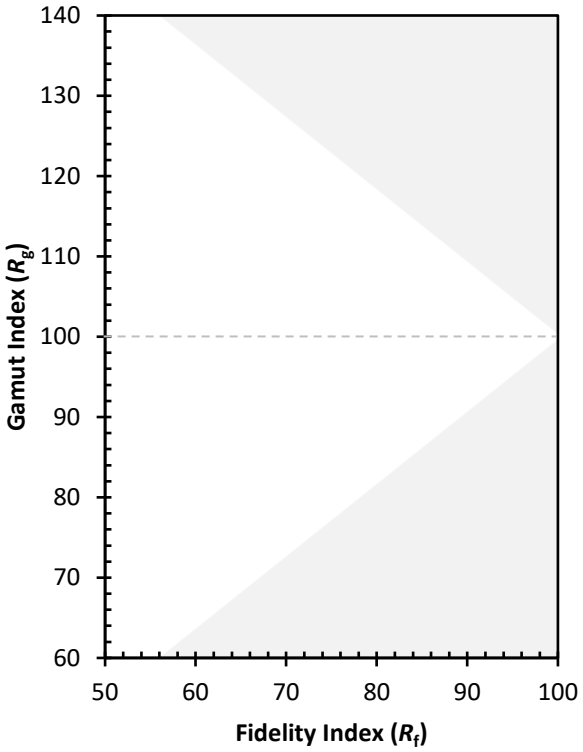


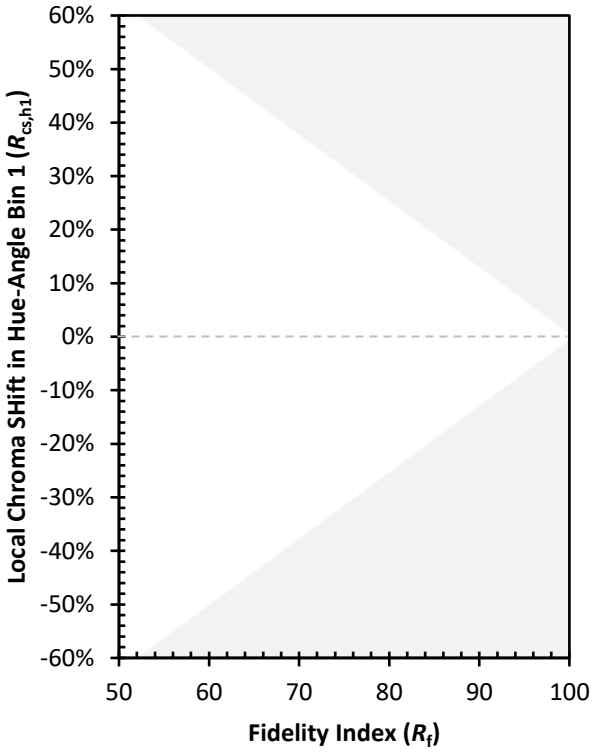


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Measure Comparisons





(END OF REPORT)