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: P1704731

Luminaire Tested: GSS-SB4A-AMB-U-T4W-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:	P1704731
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-AMB-U-T4W-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29853.7 lumens
Efficiency:	N/A
Efficacy:	229.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G5

Input Watts (W):	130.1
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

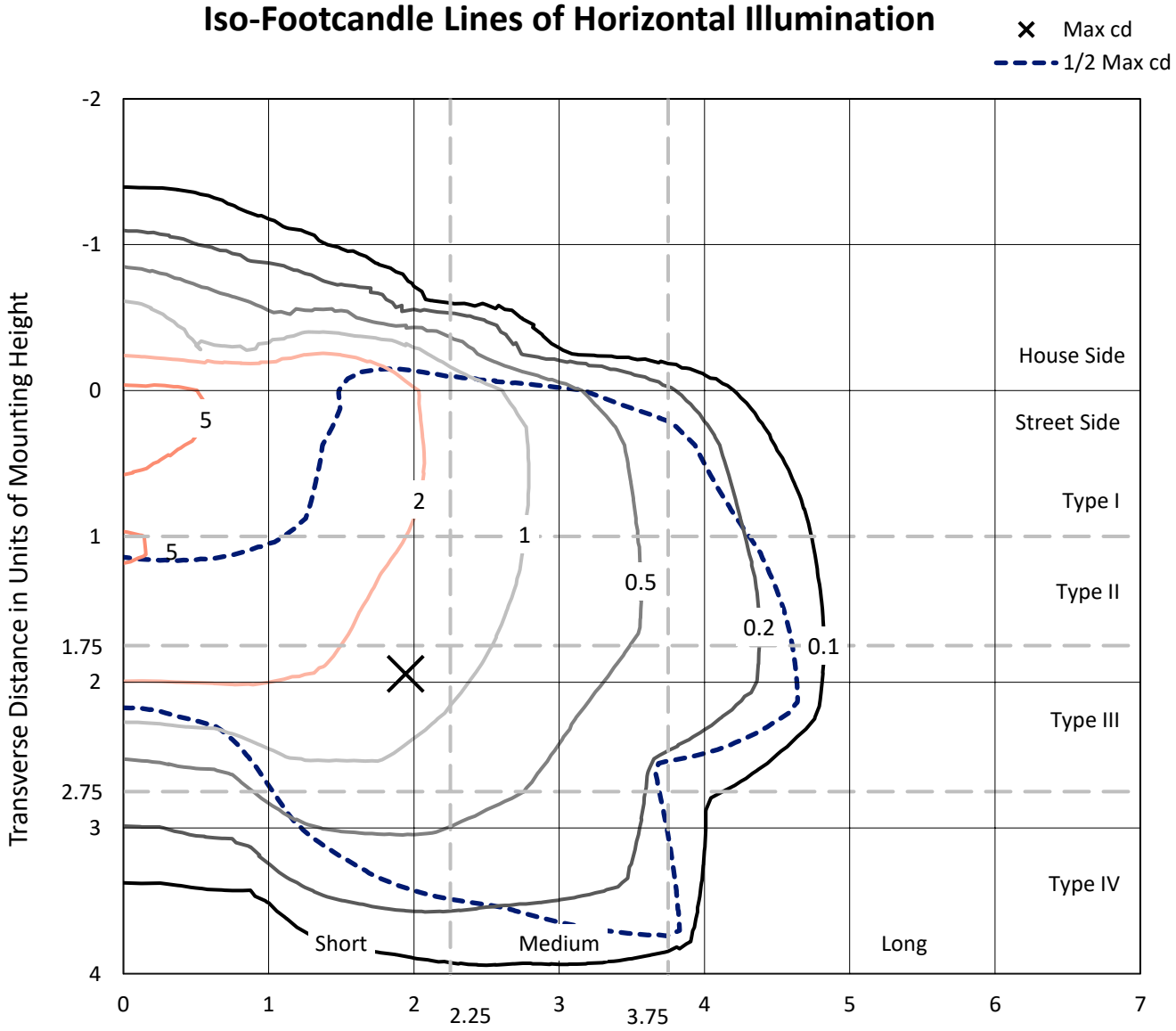


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REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



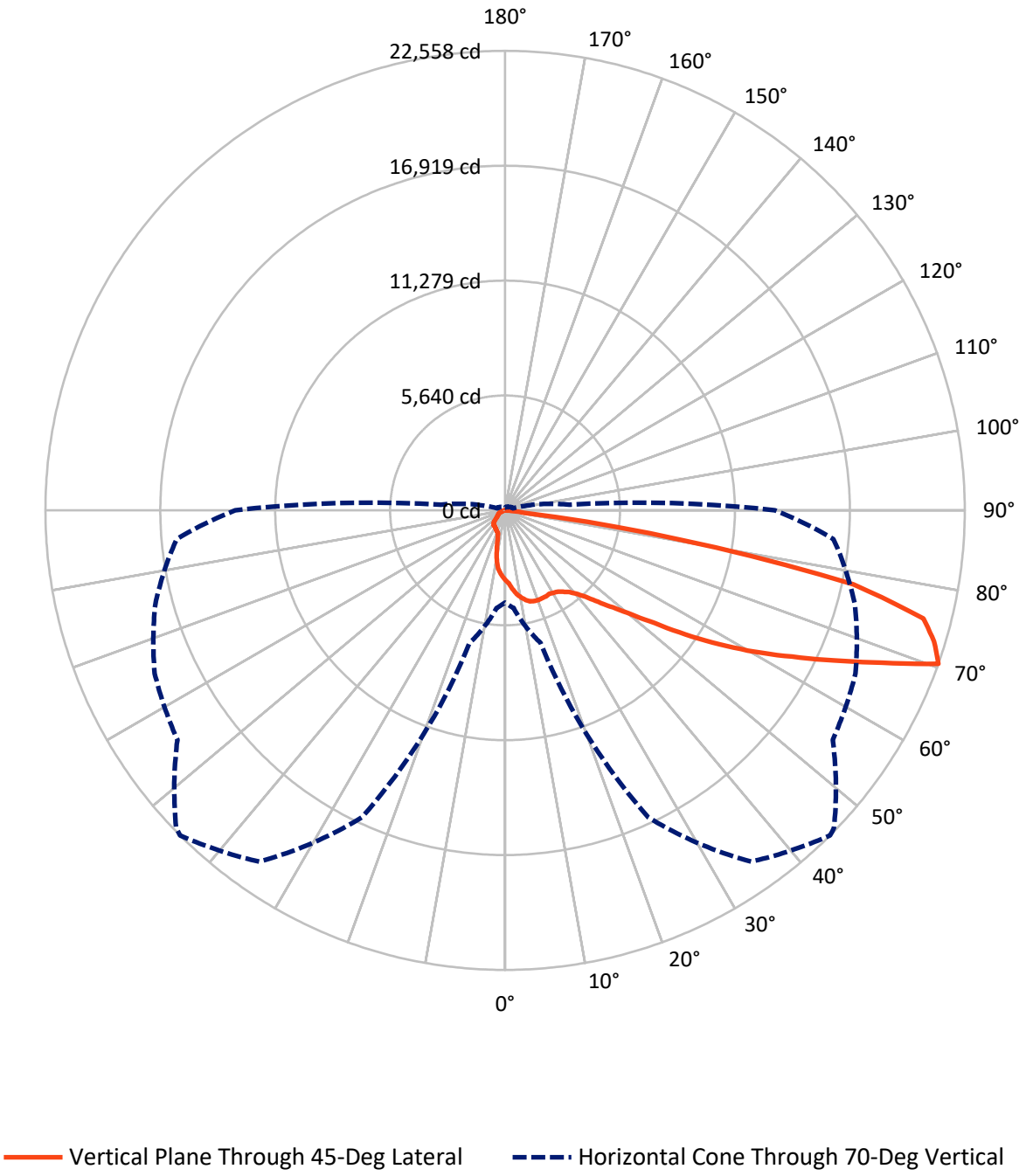
Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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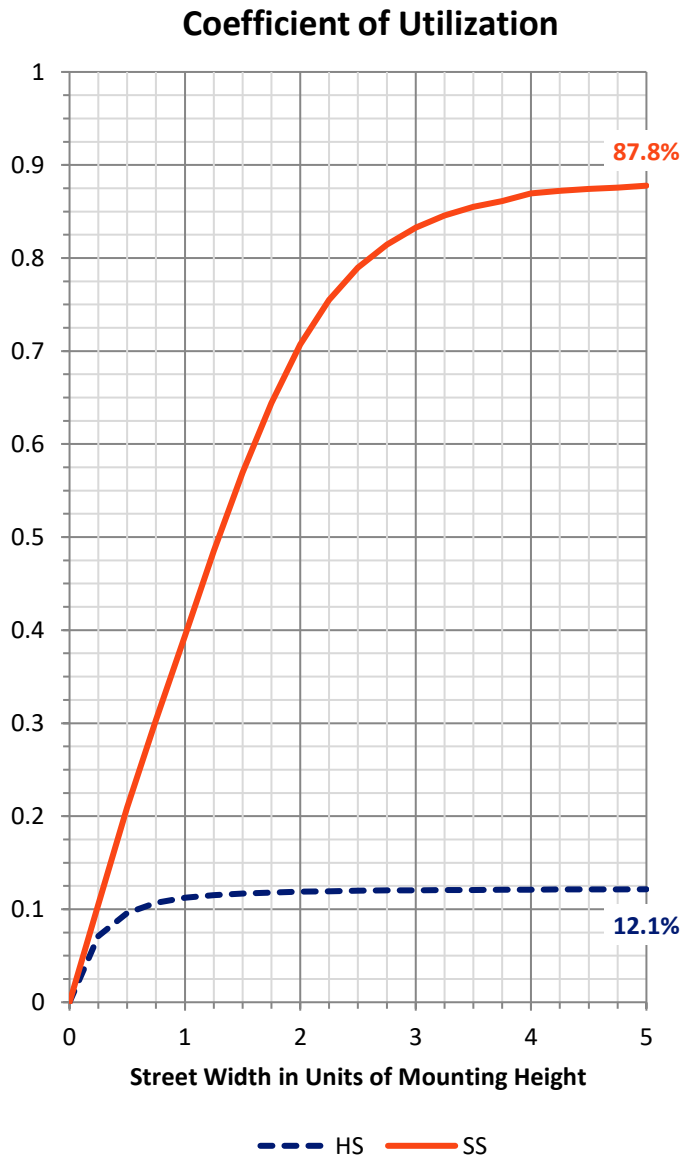
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3660.4	0.0	3660.4
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	26193.3	0.0	26193.3
	% Fixture	87.7	0.0	87.7
Total	Lumens	29853.7	0.0	29853.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	330.4	1.1
10°-20°	935.8	3.1
20°-30°	1460.6	4.9
30°-40°	2069.0	6.9
40°-50°	3396.3	11.4
50°-60°	6155.3	20.6
60°-70°	8652.3	29.0
70°-80°	6484.7	21.7
80°-90°	369.5	1.2
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°	29853.7	100.0
0°-180°	29853.7	100.0



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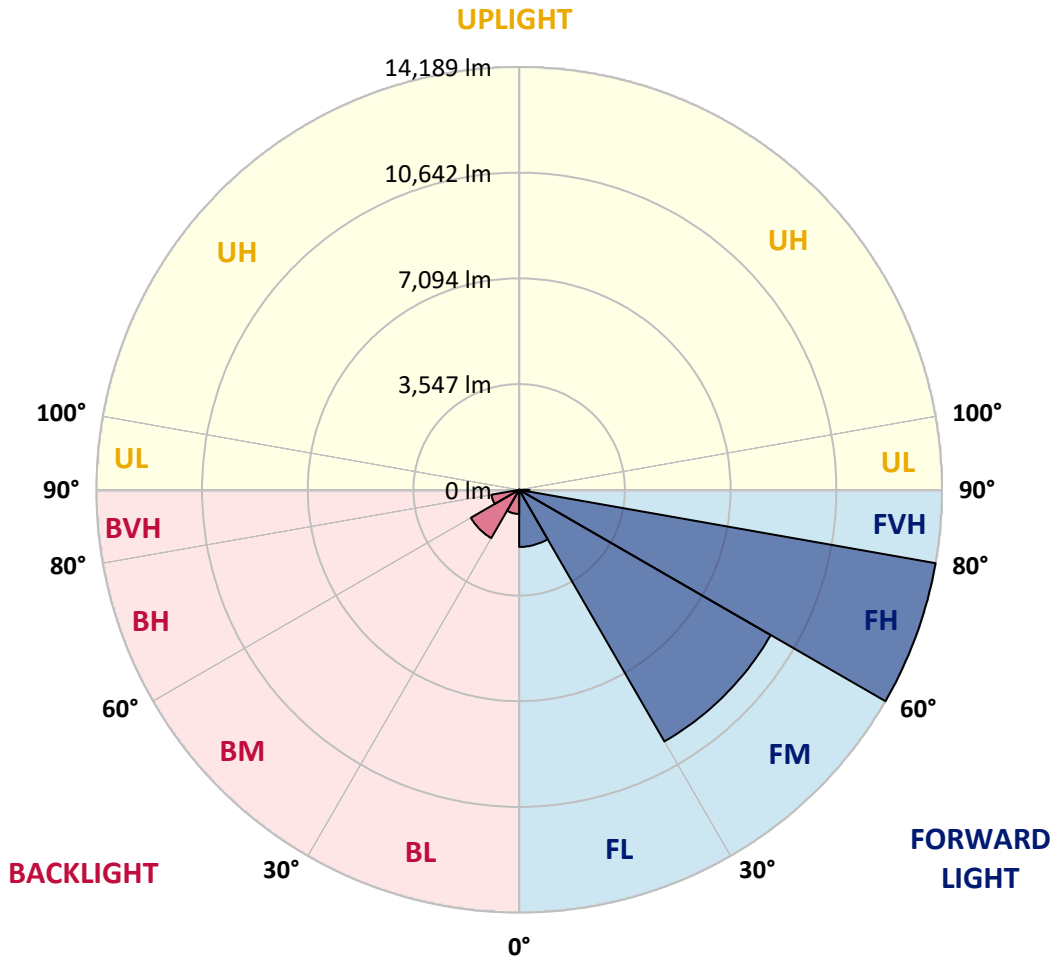
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1916.9	6.4			
FM	(30°-60°)	9749.0	32.7			
FH	(60°-80°)	14188.8	47.5			G5
FVH	(80°-90°)	338.5	1.1			G3/500
BL	(0°-30°)	809.9	2.7	B2/1000		
BM	(30°-60°)	1871.5	6.3	B2/2500		
BH	(60°-80°)	948.1	3.2	B2/1000		G2/1000
BVH	(80°-90°)	30.9	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2
2.5°	3743.5	3724.1	3685.3	3685.3	3646.5	3588.4	3569.0	3569.0	3530.2	3491.4	3452.6
5°	4170.3	4112.1	4092.7	4073.3	3956.9	3879.3	3840.5	3782.3	3685.3	3588.4	3491.4
7.5°	4597.0	4519.4	4422.4	4383.6	4267.2	4150.9	4112.1	4015.1	3859.9	3724.1	3588.4
10°	4868.5	4810.3	4752.1	4635.8	4519.4	4344.8	4325.4	4209.0	4053.9	3879.3	3704.7
12.5°	5062.5	4984.9	4907.3	4771.5	4635.8	4519.4	4480.6	4383.6	4228.4	4053.9	3840.5
15°	5159.5	5081.9	5004.3	4849.1	4732.8	4635.8	4597.0	4538.8	4383.6	4228.4	3995.7
17.5°	5081.9	5043.1	4946.1	4810.3	4732.8	4674.6	4635.8	4635.8	4519.4	4364.2	4131.5
20°	4965.5	4926.7	4829.7	4732.8	4694.0	4694.0	4655.2	4635.8	4597.0	4480.6	4228.4
22.5°	4849.1	4810.3	4752.1	4655.2	4616.4	4674.6	4635.8	4713.4	4655.2	4558.2	4306.0
25°	4752.1	4713.4	4674.6	4577.6	4577.6	4674.6	4635.8	4732.8	4732.8	4635.8	4422.4
27.5°	4713.4	4694.0	4635.8	4538.8	4577.6	4635.8	4635.8	4810.3	4829.7	4752.1	4577.6
30°	4752.1	4732.8	4674.6	4616.4	4597.0	4694.0	4694.0	4868.5	4946.1	4907.3	4713.4
32.5°	4907.3	4849.1	4790.9	4694.0	4713.4	4752.1	4771.5	4965.5	5101.3	5043.1	4849.1
35°	5120.7	5101.3	5004.3	4887.9	4849.1	4907.3	4887.9	5101.3	5295.3	5237.1	4984.9
37.5°	5489.2	5489.2	5314.6	5159.5	5081.9	5081.9	5062.5	5256.5	5508.6	5469.8	5217.7
40°	6109.9	6071.1	5857.8	5566.8	5411.6	5372.8	5353.4	5547.4	5819.0	5819.0	5508.6
42.5°	7545.2	7390.1	6885.8	6187.5	5857.8	5799.6	5722.0	5935.3	6206.9	6206.9	5896.5
45°	9077.6	8980.6	8437.5	7331.9	6439.6	6400.9	6323.3	6439.6	6769.4	6905.2	6497.8
47.5°	10571.1	10377.1	9814.6	8786.6	7370.7	7118.5	7099.1	7099.1	7584.0	7778.0	7254.3
50°	11890.1	11715.5	11172.4	10183.2	8767.2	7991.4	7933.2	7952.6	8476.3	8806.0	8224.1
52.5°	12724.1	12665.9	12278.0	11579.7	10299.6	9194.0	9135.8	9000.0	9543.1	9950.4	9387.9
55°	13441.8	13325.4	13403.0	13073.3	12103.4	10745.7	10571.1	10144.4	10862.1	11308.2	10551.7
57.5°	14217.7	14140.1	14547.4	14605.6	14140.1	12394.4	12200.4	11599.1	12336.2	12665.9	11870.7
60°	14818.9	14780.2	15459.0	16273.7	15963.3	14101.3	13810.3	13150.8	13965.5	14256.4	13325.4
62.5°	14993.5	14993.5	16273.7	17631.4	17922.4	15808.2	15459.0	14857.7	15808.2	15885.8	14547.4
65°	11851.3	11967.7	14857.7	18446.1	19842.6	17747.8	17456.9	16836.2	17340.5	16603.4	14896.5
67.5°	7215.5	7642.2	10532.3	17340.5	21142.2	19939.6	19784.5	18814.6	18000.0	16816.8	15439.6
70°	4519.4	4810.3	6730.6	16622.8	21045.2	22558.2	22441.8	19629.3	18969.8	17767.2	16176.7
72.5°	3472.0	3491.4	4674.6	14644.4	21704.7	22015.1	21879.3	21724.1	20269.4	17786.6	15575.4
75°	1629.3	1765.1	2444.0	9426.7	17631.4	21200.4	20987.0	21142.2	21491.3	16952.6	13344.8
77.5°	543.1	562.5	892.2	3394.4	9174.6	17476.3	17534.5	10648.7	18543.1	11754.3	6129.3
80°	213.4	232.8	504.3	1202.6	2463.4	8767.2	9077.6	3103.4	5935.3	3142.2	1086.2
82.5°	77.6	97.0	271.6	523.7	1260.8	931.0	931.0	678.9	1532.3	756.5	252.2
85°	38.8	58.2	116.4	194.0	465.5	271.6	252.2	213.4	543.1	368.5	116.4
87.5°	0.0	0.0	19.4	38.8	38.8	38.8	38.8	58.2	97.0	77.6	58.2
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: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2	3433.2
2.5°	3433.2	3413.8	3394.4	3316.8	3297.4	3258.6	3239.2	3239.2	3181.0	3219.8	3200.4
5°	3433.2	3413.8	3316.8	3200.4	3142.2	3064.7	3006.5	2967.7	2928.9	2948.3	2928.9
7.5°	3491.4	3433.2	3278.0	3122.8	2987.1	2851.3	2715.5	2540.9	2424.6	2385.8	2366.4
10°	3588.4	3510.8	3278.0	3064.7	2793.1	2463.4	2133.6	1939.7	1765.1	1726.3	1726.3
12.5°	3704.7	3588.4	3316.8	2967.7	2424.6	1920.3	1590.5	1357.8	1280.2	1260.8	1280.2
15°	3859.9	3704.7	3355.6	2734.9	1997.8	1454.7	1222.0	1202.6	1222.0	1222.0	1241.4
17.5°	3976.3	3801.7	3355.6	2424.6	1571.1	1183.2	1163.8	1163.8	1183.2	1202.6	1202.6
20°	4073.3	3898.7	3316.8	2075.4	1202.6	1125.0	1125.0	1125.0	1144.4	1163.8	1163.8
22.5°	4170.3	3995.7	3161.6	1687.5	1086.2	1086.2	1086.2	1105.6	1105.6	1125.0	1125.0
25°	4306.0	4112.1	3006.5	1299.6	1047.4	1047.4	1047.4	1066.8	1066.8	1105.6	1105.6
27.5°	4441.8	4267.2	2793.1	1066.8	989.2	1008.6	1008.6	1008.6	1047.4	1066.8	1066.8
30°	4597.0	4422.4	2560.3	989.2	969.8	969.8	969.8	989.2	1008.6	1028.0	1047.4
32.5°	4732.8	4558.2	2288.8	950.4	931.0	931.0	931.0	950.4	969.8	989.2	989.2
35°	4965.5	4771.5	2056.0	931.0	911.6	931.0	892.2	892.2	892.2	931.0	931.0
37.5°	5140.1	4965.5	1842.7	931.0	931.0	911.6	853.4	814.7	795.3	834.1	834.1
40°	5450.4	5237.1	1745.7	1028.0	989.2	892.2	795.3	717.7	698.3	698.3	717.7
42.5°	5838.4	5547.4	1706.9	1144.4	1008.6	834.1	698.3	601.3	562.5	562.5	581.9
45°	6362.1	6032.3	1823.3	1202.6	1008.6	756.5	601.3	504.3	465.5	465.5	465.5
47.5°	7176.7	6750.0	2191.8	1222.0	950.4	640.1	504.3	426.7	407.3	407.3	407.3
50°	8107.7	7661.6	2773.7	1183.2	853.4	543.1	426.7	387.9	368.5	349.1	349.1
52.5°	9329.7	8786.6	3413.8	1105.6	756.5	484.9	387.9	368.5	349.1	329.7	329.7
55°	10648.7	9931.0	3685.3	1028.0	659.5	446.1	368.5	349.1	329.7	310.3	310.3
57.5°	12084.0	10803.9	3375.0	931.0	581.9	407.3	349.1	329.7	310.3	290.9	290.9
60°	13480.6	11347.0	2521.5	834.1	484.9	387.9	329.7	310.3	271.6	252.2	252.2
62.5°	14586.2	11036.6	1551.7	717.7	426.7	349.1	310.3	290.9	252.2	213.4	213.4
65°	14411.6	9155.2	931.0	581.9	368.5	329.7	271.6	252.2	213.4	174.6	174.6
67.5°	14120.7	6672.4	562.5	465.5	329.7	271.6	252.2	232.8	194.0	155.2	155.2
70°	*13247.8*	*3161.6*	*407.3*	*349.1*	*290.9*	*213.4*	*213.4*	*194.0*	*174.6*	*135.8*	*135.8*
72.5°	11269.4	1066.8	290.9	271.6	232.8	155.2	174.6	174.6	135.8	116.4	116.4
75°	8030.2	387.9	213.4	194.0	155.2	135.8	155.2	135.8	135.8	116.4	97.0
77.5°	3336.2	213.4	174.6	155.2	116.4	116.4	116.4	116.4	97.0	77.6	77.6
80°	737.1	155.2	135.8	116.4	97.0	97.0	97.0	97.0	77.6	58.2	58.2
82.5°	213.4	116.4	97.0	77.6	77.6	77.6	77.6	58.2	58.2	58.2	58.2
85°	97.0	77.6	58.2	58.2	58.2	58.2	58.2	38.8	58.2	38.8	38.8
87.5°	58.2	38.8	38.8	19.4	19.4	19.4	19.4	38.8	38.8	38.8	38.8
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

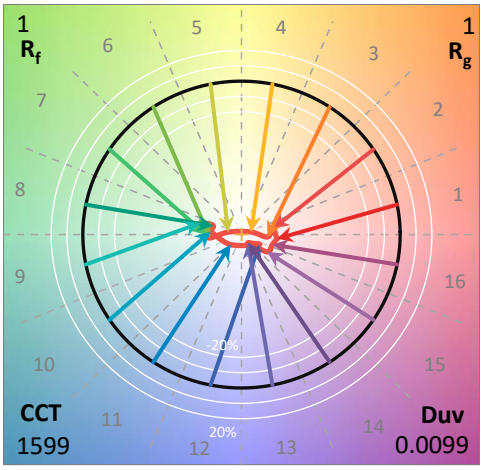
Test Information

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

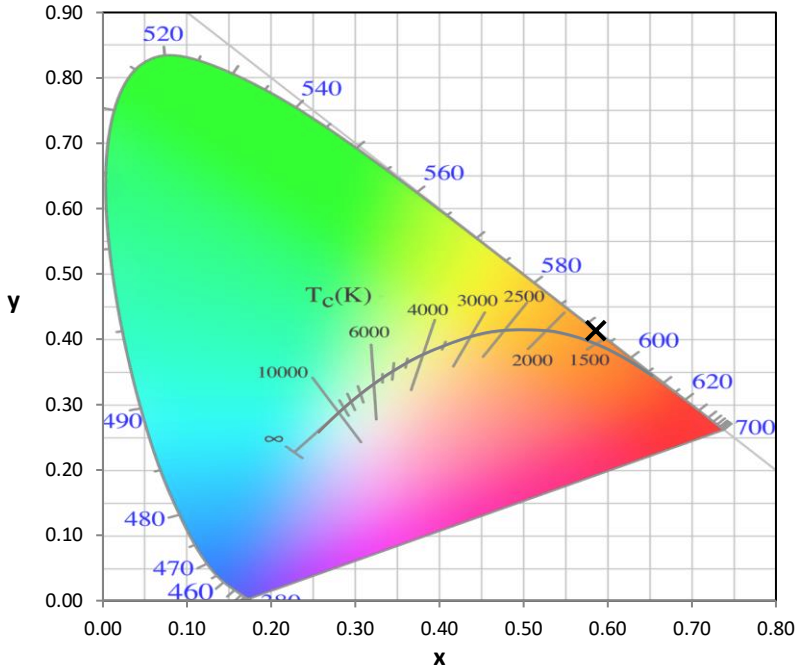
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

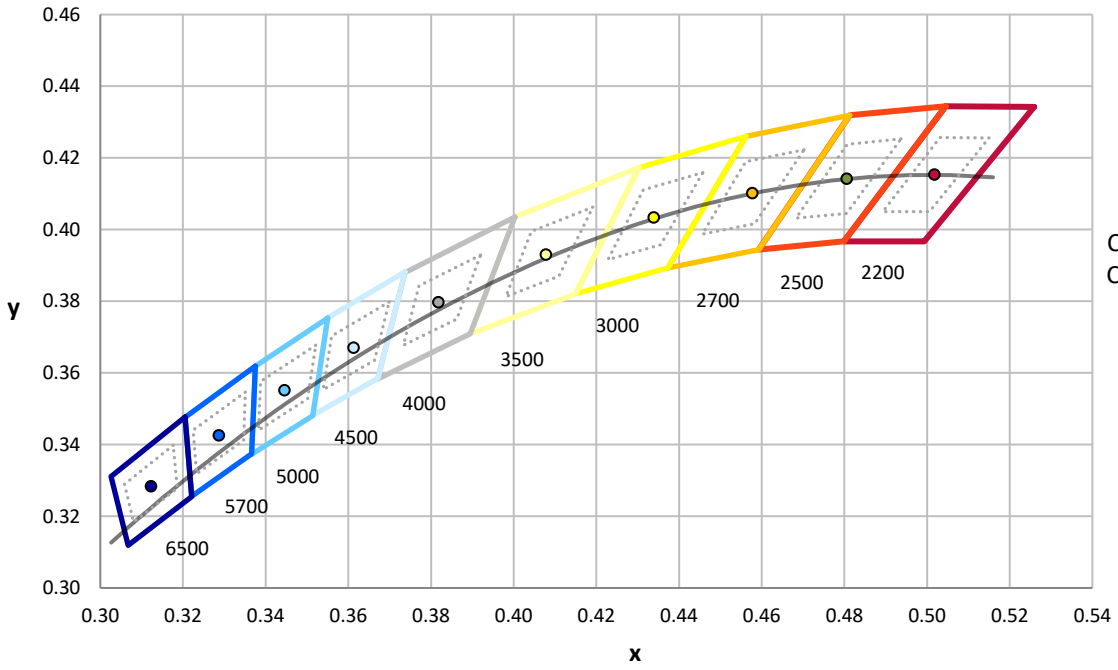
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

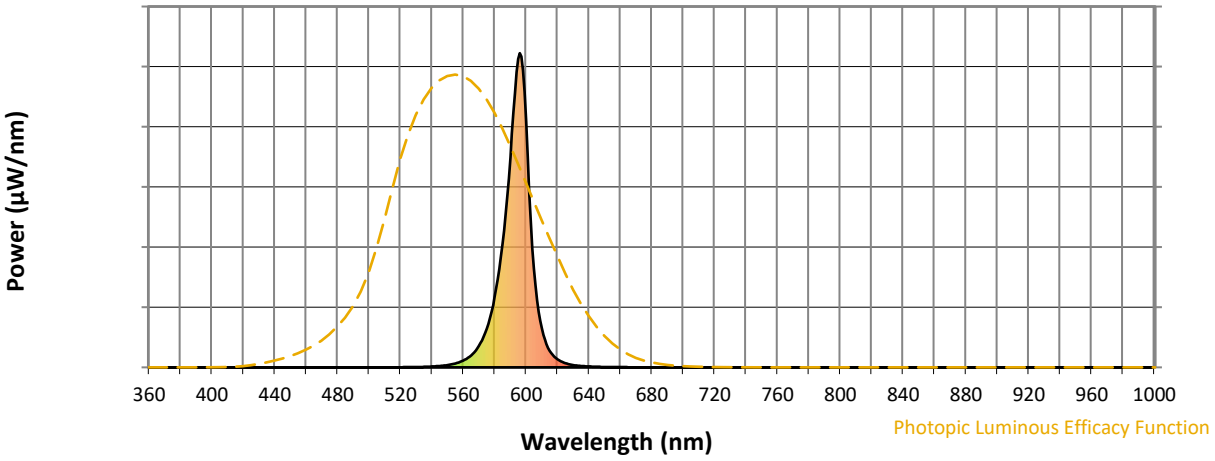


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

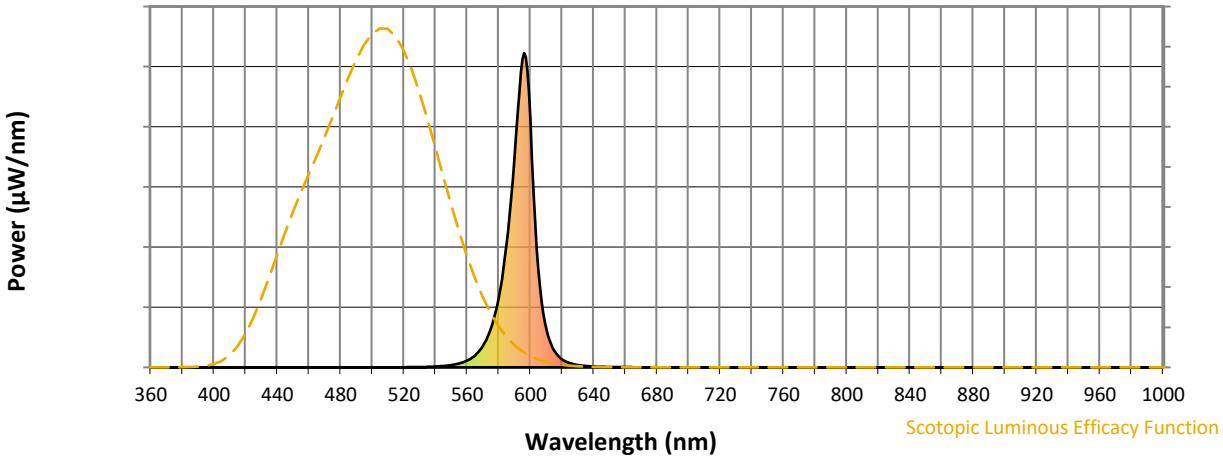


Photopic Lumens: NR

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

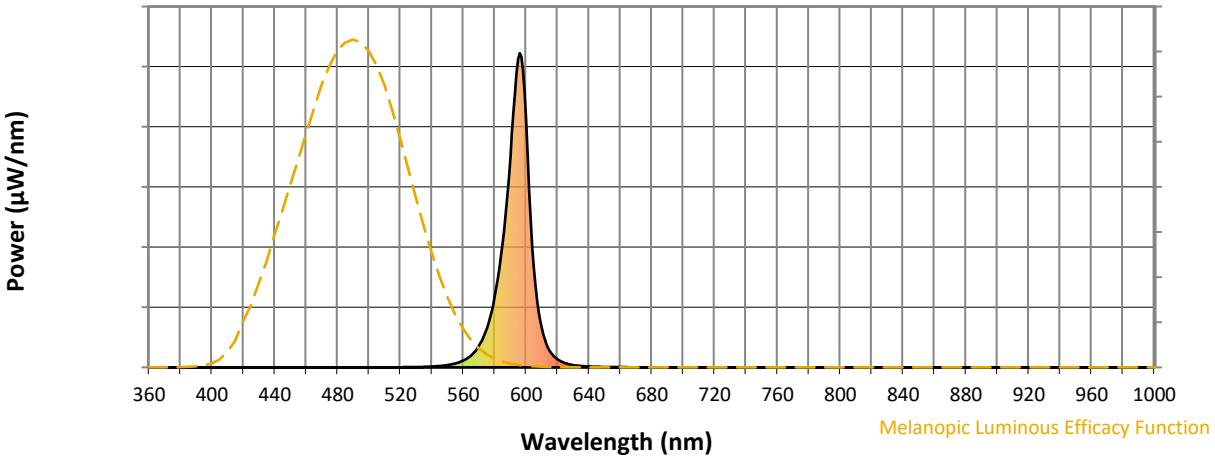


Scotopic Lumens: NR **S/P: 0.23**

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			

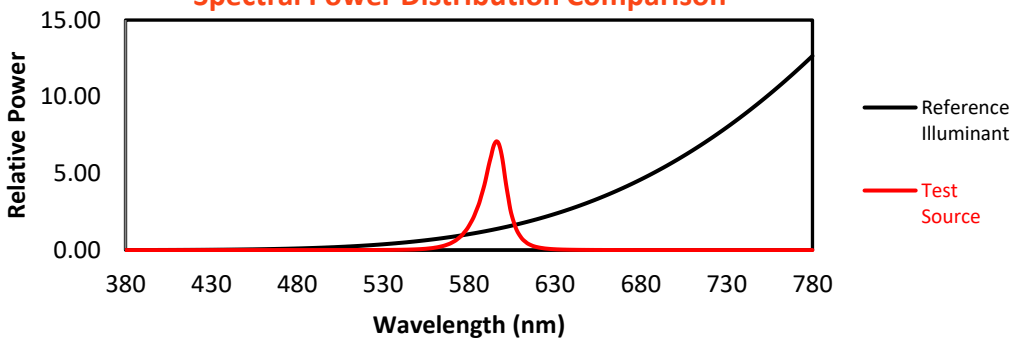
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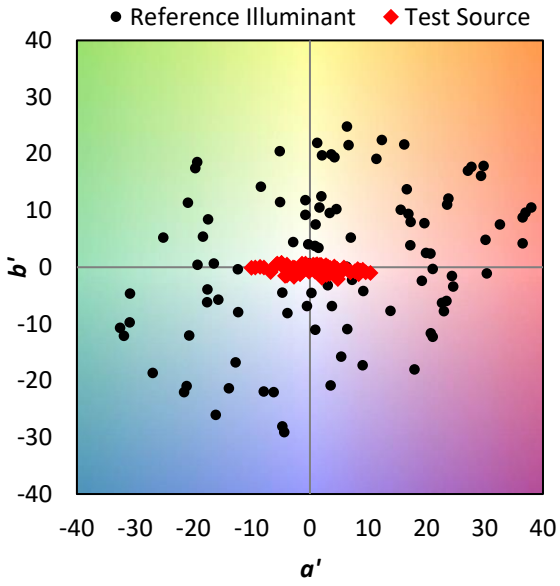
Summary

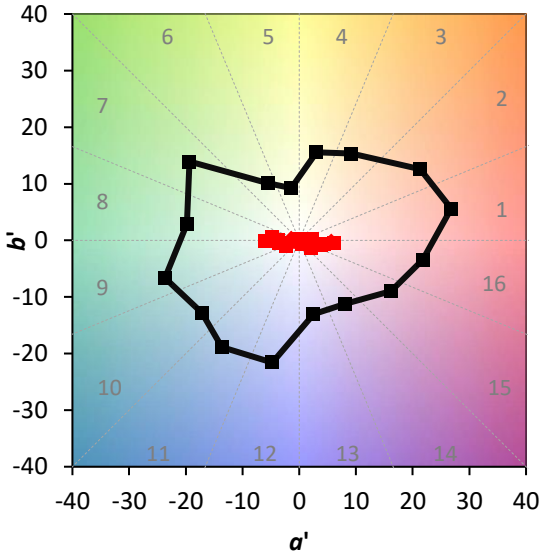
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

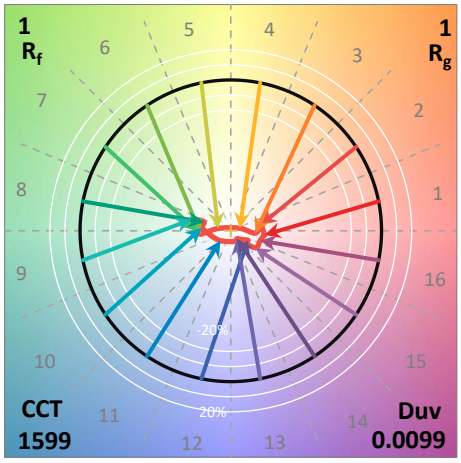
Spectral Power Distribution Comparison

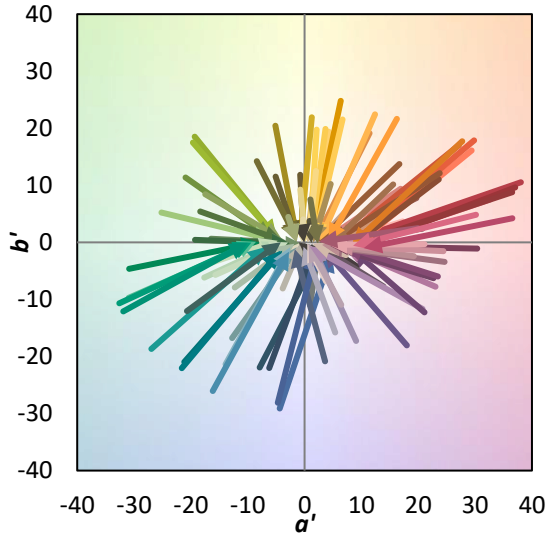


Color Vector Graphics







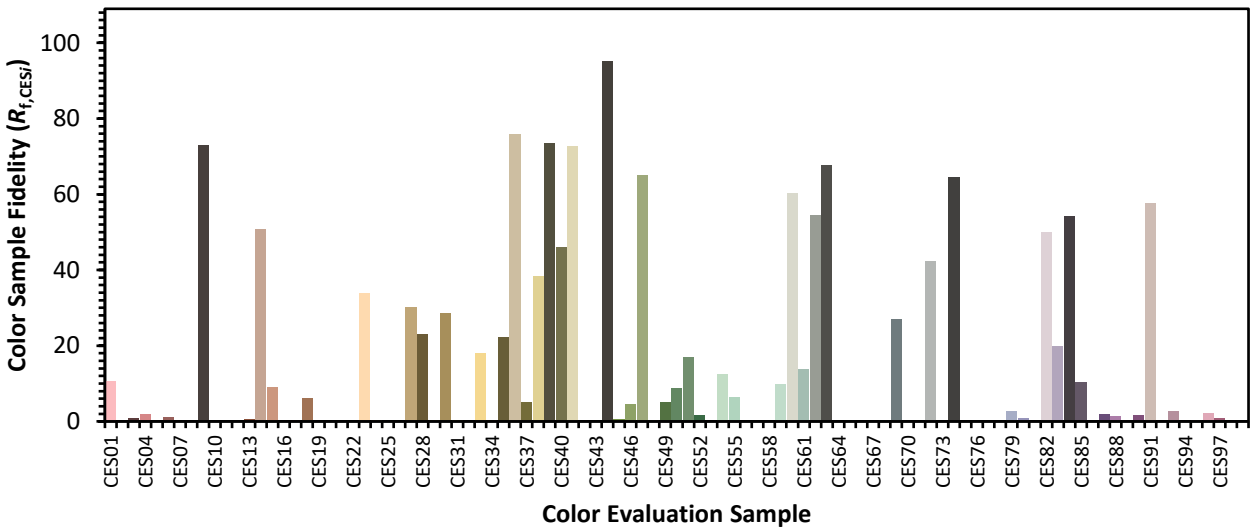


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Individual Sample Fidelity Index ($R_{f,i}$)

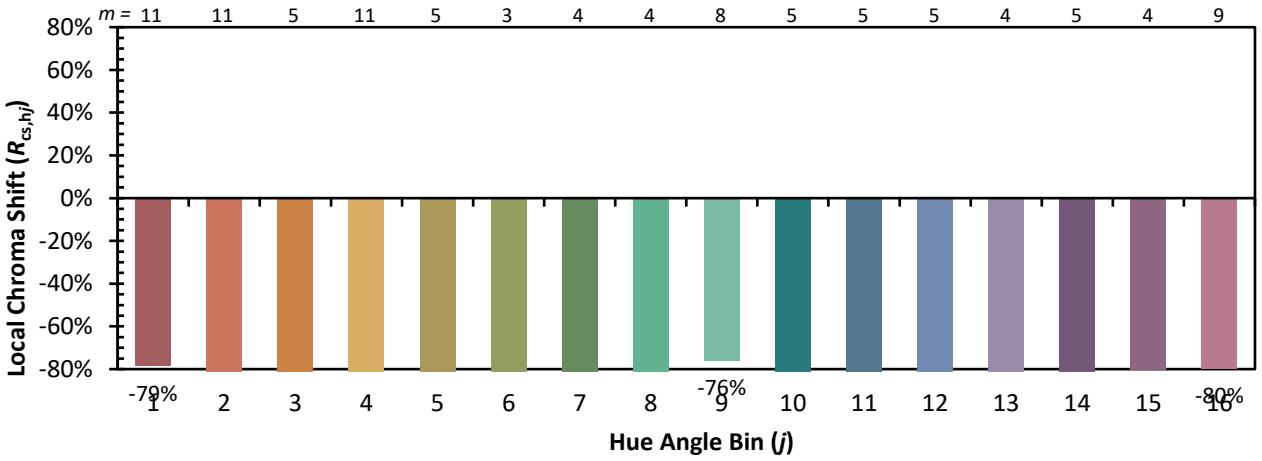
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

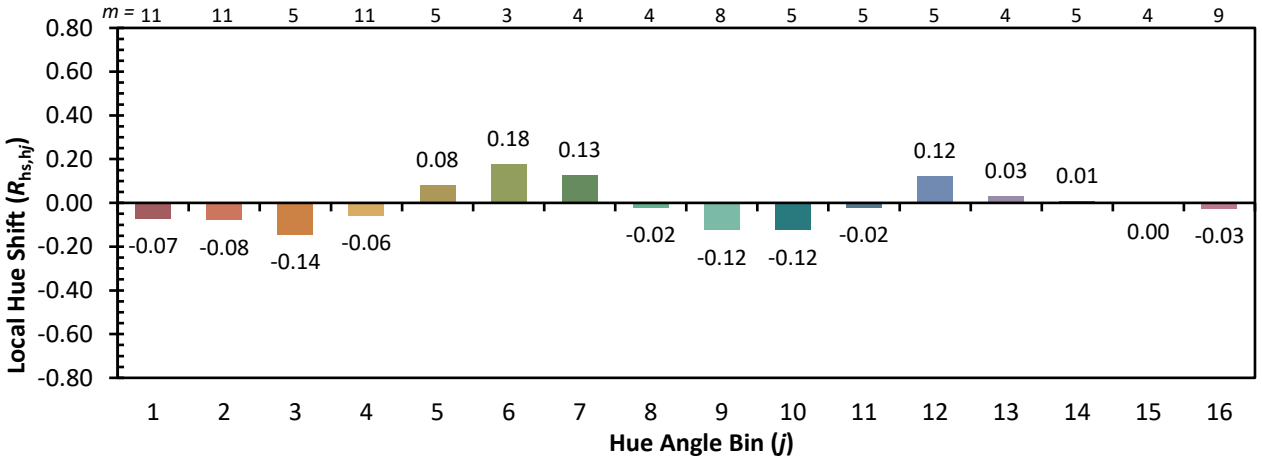


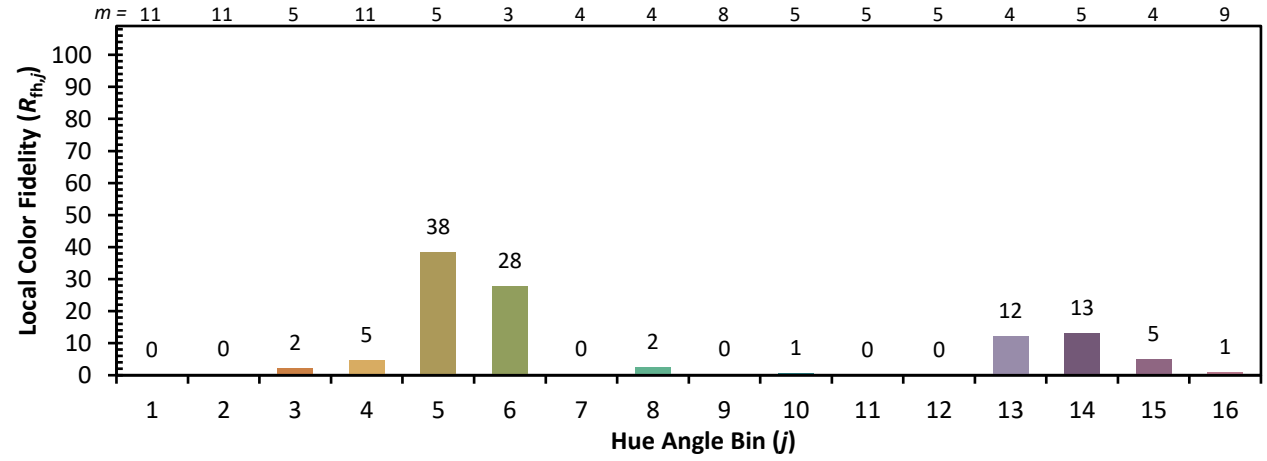
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Color Rendition by Hue-Angle Bin



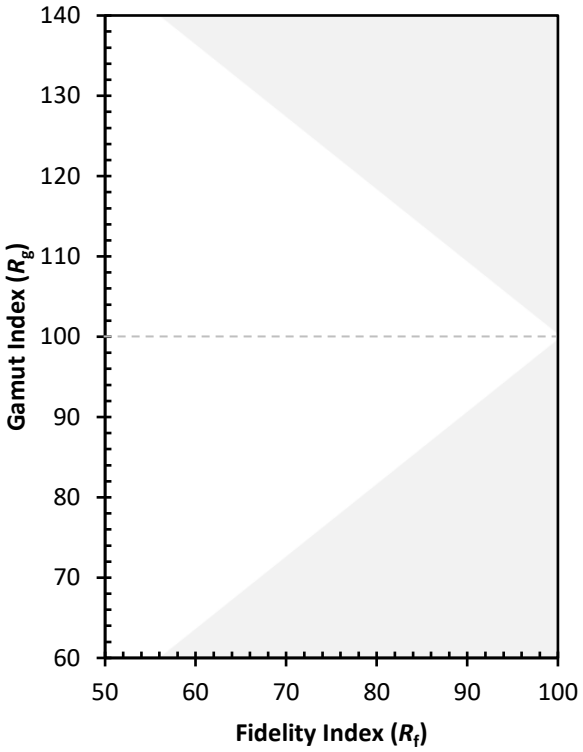


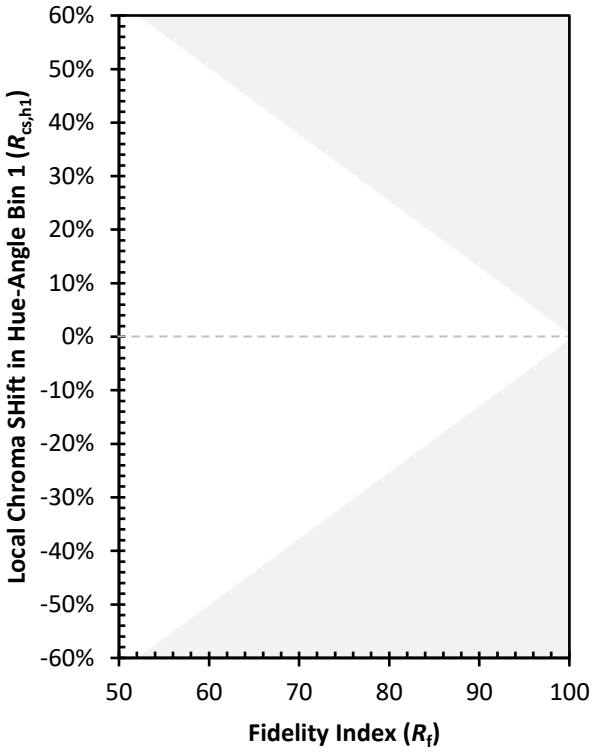


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Measure Comparisons





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