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: P1704730

Luminaire Tested: GSS-SB3A-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:	P1704730
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-AMB-U-T4W-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22645.9 lumens
Efficiency:	N/A
Efficacy:	224.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	101
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

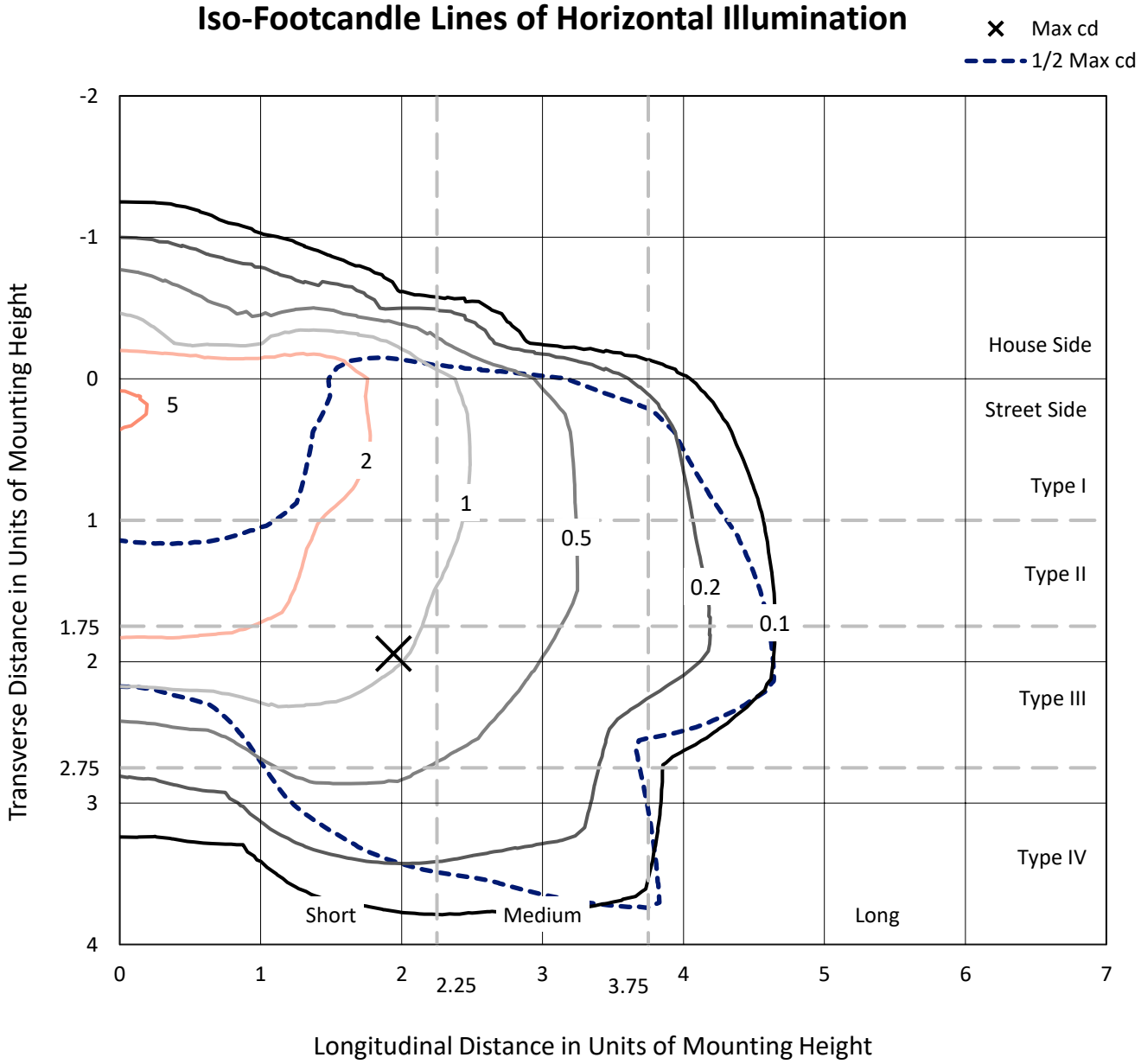


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



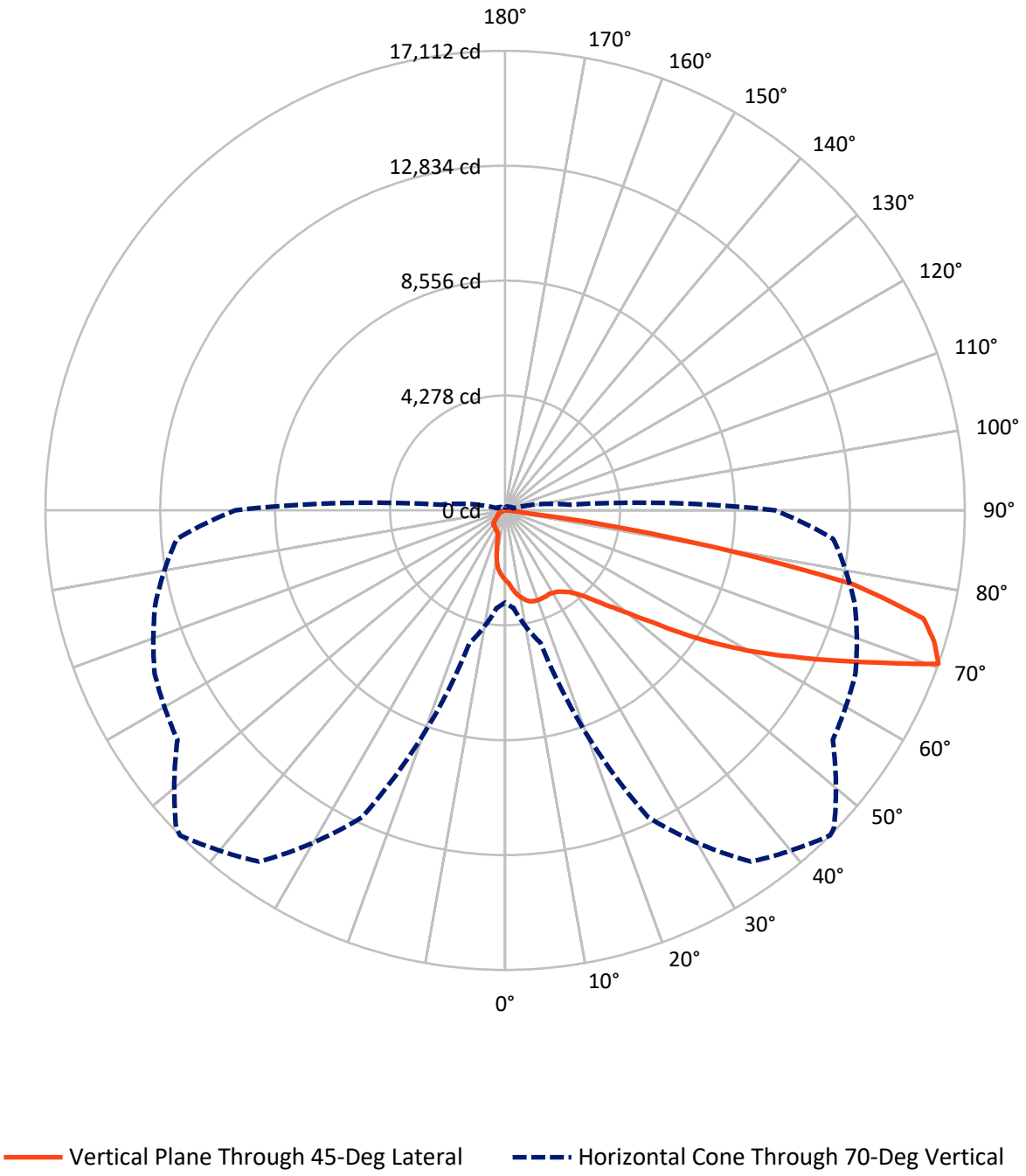
Based on 25 foot mounting height. Maximum calculated value = 5.7 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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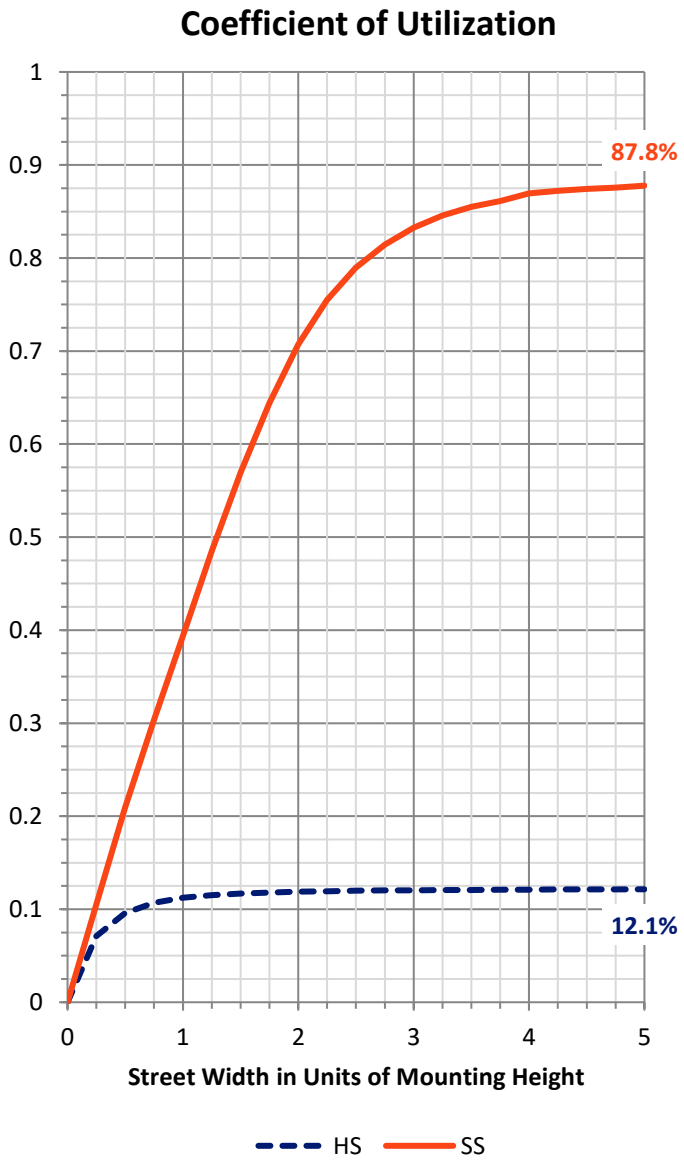
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2776.6	0.0	2776.6
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	19869.3	0.0	19869.3
	% Fixture	87.7	0.0	87.7
Total	Lumens	22645.9	0.0	22645.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.6	1.1
10°-20°	709.9	3.1
20°-30°	1108.0	4.9
30°-40°	1569.4	6.9
40°-50°	2576.3	11.4
50°-60°	4669.2	20.6
60°-70°	6563.3	29.0
70°-80°	4919.0	21.7
80°-90°	280.3	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°	22645.9	100.0
0°-180°	22645.9	100.0



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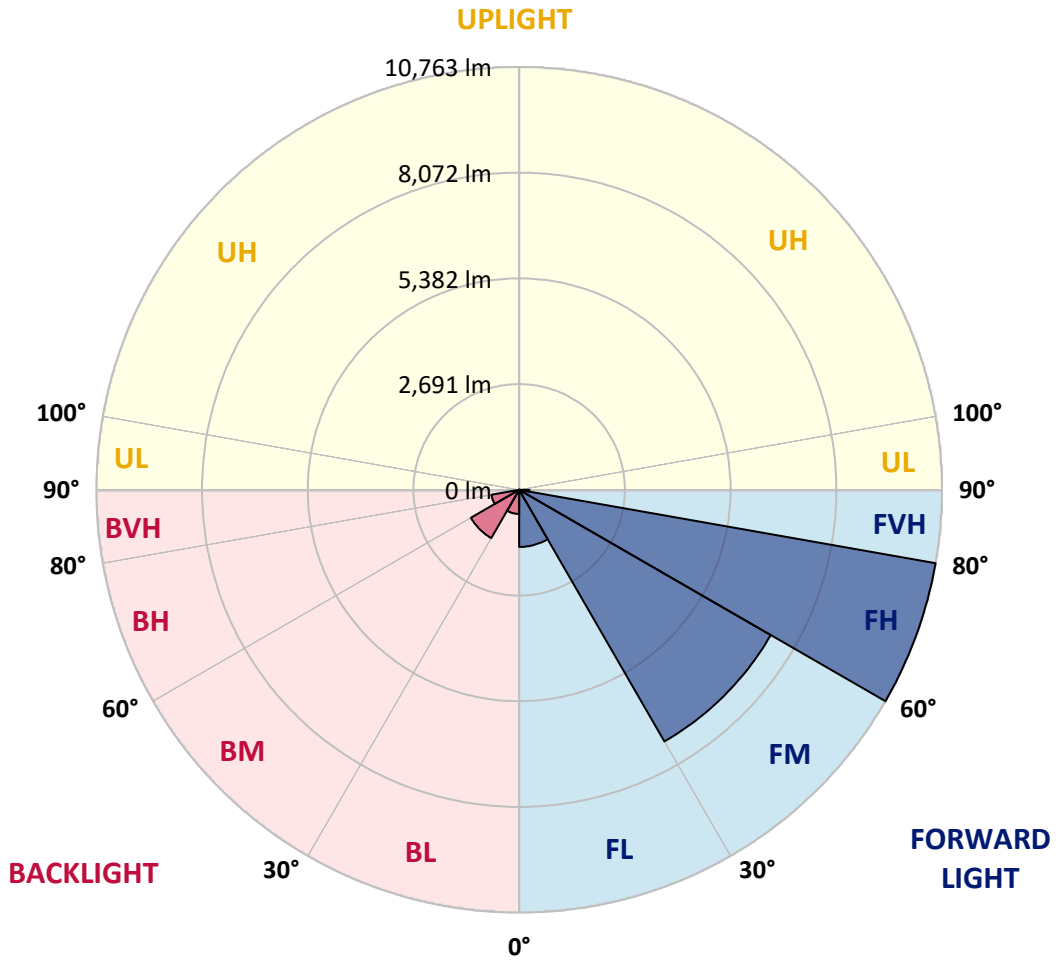
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-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°)	1454.1	6.4			
FM	(30°-60°)	7395.2	32.7			
FH	(60°-80°)	10763.1	47.5			G4/12000
FVH	(80°-90°)	256.8	1.1			G3/500
BL	(0°-30°)	614.3	2.7	B2/1000		
BM	(30°-60°)	1419.7	6.3	B2/2500		
BH	(60°-80°)	719.2	3.2	B2/1000		G2/1000
BVH	(80°-90°)	23.5	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-G4
Type IV Short



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	2604.3	2604.3	2604.3	2604.3	2604.3	*2604.3*	2604.3	2604.3	2604.3	2604.3	2604.3
2.5°	2839.7	2825.0	2795.6	2795.6	2766.1	*2722.0*	2707.3	2707.3	2677.9	2648.4	2619.0
5°	3163.4	3119.3	3104.5	3089.8	3001.6	*2942.7*	2913.3	2869.1	2795.6	2722.0	2648.4
7.5°	3487.1	3428.2	3354.7	3325.2	3237.0	*3148.7*	3119.3	3045.7	2928.0	2825.0	2722.0
10°	3693.1	3648.9	3604.8	3516.5	3428.2	*3295.8*	3281.1	3192.8	3075.1	2942.7	2810.3
12.5°	3840.2	3781.4	3722.5	3619.5	3516.5	*3428.2*	3398.8	3325.2	3207.5	3075.1	2913.3
15°	3913.8	3854.9	3796.1	3678.4	3590.1	*3516.5*	3487.1	3443.0	3325.2	3207.5	3031.0
17.5°	3854.9	3825.5	3751.9	3648.9	3590.1	*3545.9*	3516.5	3516.5	3428.2	3310.5	3134.0
20°	3766.7	3737.2	3663.7	3590.1	3560.7	*3560.7*	3531.2	3516.5	3487.1	3398.8	3207.5
22.5°	3678.4	3648.9	3604.8	3531.2	3501.8	*3545.9*	3516.5	3575.4	3531.2	3457.7	3266.4
25°	3604.8	3575.4	3545.9	3472.4	3472.4	*3545.9*	3516.5	3590.1	3590.1	3516.5	3354.7
27.5°	3575.4	3560.7	3516.5	3443.0	3472.4	*3516.5*	3516.5	3648.9	3663.7	3604.8	3472.4
30°	3604.8	3590.1	3545.9	3501.8	3487.1	*3560.7*	3560.7	3693.1	3751.9	3722.5	3575.4
32.5°	3722.5	3678.4	3634.2	3560.7	3575.4	*3604.8*	3619.5	3766.7	3869.6	3825.5	3678.4
35°	3884.4	3869.6	3796.1	3707.8	3678.4	*3722.5*	3707.8	3869.6	4016.8	3972.6	3781.4
37.5°	4163.9	4163.9	4031.5	3913.8	3854.9	*3854.9*	3840.2	3987.4	4178.6	4149.2	3957.9
40°	4634.7	4605.3	4443.5	4222.8	4105.1	*4075.6*	4060.9	4208.1	4414.0	4414.0	4178.6
42.5°	5723.5	5605.8	5223.3	4693.6	4443.5	*4399.3*	4340.5	4502.3	4708.3	4708.3	4472.9
45°	6885.9	6812.3	6400.4	5561.7	4884.9	*4855.4*	4796.6	4884.9	5135.0	5238.0	4929.0
47.5°	8018.8	7871.7	7445.0	6665.2	5591.1	*5399.8*	5385.1	5385.1	5753.0	5900.1	5502.8
50°	9019.4	8886.9	8475.0	7724.6	6650.5	*6062.0*	6017.8	6032.5	6429.8	6679.9	6238.5
52.5°	9652.0	9607.9	9313.6	8783.9	7812.9	*6974.2*	6930.1	6827.1	7239.0	7548.0	7121.3
55°	10196.4	10108.2	10167.0	9916.9	9181.2	*8151.3*	8018.8	7695.2	8239.6	8578.0	8004.1
57.5°	10785.0	10726.1	11035.1	11079.3	10726.1	*9401.9*	9254.8	8798.7	9357.8	9607.9	9004.7
60°	11241.1	11211.7	11726.6	12344.6	12109.2	*10696.7*	10476.0	9975.7	10593.7	10814.4	10108.2
62.5°	11373.5	11373.5	12344.6	13374.6	13595.3	*11991.5*	11726.6	11270.5	11991.5	12050.3	11035.1
65°	8989.9	9078.2	11270.5	13992.5	15051.9	*13462.8*	13242.1	12771.3	13153.9	12594.7	11300.0
67.5°	5473.4	5797.1	7989.4	13153.9	16037.7	*15125.5*	15007.8	14272.1	13654.1	12756.6	11711.9
70°	*3428.2*	*3648.9*	*5105.6*	*12609.5*	*15964.1*	*17111.8*	*17023.5*	*14890.0*	*14389.8*	*13477.6*	*12271.0*
72.5°	2633.7	2648.4	3545.9	11108.7	16464.4	*16699.8*	16596.8	16479.1	15375.6	13492.3	11814.9
75°	1235.9	1338.9	1853.9	7150.8	13374.6	*16081.8*	15920.0	16037.7	16302.5	12859.6	10122.9
77.5°	412.0	426.7	676.8	2574.9	6959.5	*13256.8*	13301.0	8077.7	14066.1	8916.4	4649.5
80°	161.8	176.6	382.6	912.2	1868.6	*6650.5*	6885.9	2354.2	4502.3	2383.6	824.0
82.5°	58.9	73.6	206.0	397.3	956.4	*706.2*	706.2	515.0	1162.4	573.8	191.3
85°	29.4	44.1	88.3	147.1	353.1	*206.0*	191.3	161.8	412.0	279.6	88.3
87.5°	0.0	0.0	14.7	29.4	29.4	*29.4*	29.4	44.1	73.6	58.9	44.1
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: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3	2604.3
2.5°	2604.3	2589.6	2574.9	2516.0	2501.3	2471.9	2457.2	2457.2	2413.0	2442.4	2427.7
5°	2604.3	2589.6	2516.0	2427.7	2383.6	2324.7	2280.6	2251.2	2221.7	2236.4	2221.7
7.5°	2648.4	2604.3	2486.6	2368.9	2265.9	2162.9	2059.9	1927.5	1839.2	1809.8	1795.0
10°	2722.0	2663.1	2486.6	2324.7	2118.7	1868.6	1618.5	1471.3	1338.9	1309.5	1309.5
12.5°	2810.3	2722.0	2516.0	2251.2	1839.2	1456.6	1206.5	1029.9	971.1	956.4	971.1
15°	2928.0	2810.3	2545.4	2074.6	1515.5	1103.5	926.9	912.2	926.9	926.9	941.7
17.5°	3016.3	2883.8	2545.4	1839.2	1191.8	897.5	882.8	882.8	897.5	912.2	912.2
20°	3089.8	2957.4	2516.0	1574.3	912.2	853.4	853.4	853.4	868.1	882.8	882.8
22.5°	3163.4	3031.0	2398.3	1280.1	824.0	824.0	824.0	838.7	838.7	853.4	853.4
25°	3266.4	3119.3	2280.6	985.8	794.5	794.5	794.5	809.2	809.2	838.7	838.7
27.5°	3369.4	3237.0	2118.7	809.2	750.4	765.1	765.1	765.1	794.5	809.2	809.2
30°	3487.1	3354.7	1942.2	750.4	735.7	735.7	735.7	750.4	765.1	779.8	794.5
32.5°	3590.1	3457.7	1736.2	721.0	706.2	706.2	706.2	721.0	735.7	750.4	750.4
35°	3766.7	3619.5	1559.6	706.2	691.5	706.2	676.8	676.8	676.8	706.2	706.2
37.5°	3899.1	3766.7	1397.8	706.2	706.2	691.5	647.4	618.0	603.3	632.7	632.7
40°	4134.5	3972.6	1324.2	779.8	750.4	676.8	603.3	544.4	529.7	529.7	544.4
42.5°	4428.8	4208.1	1294.8	868.1	765.1	632.7	529.7	456.1	426.7	426.7	441.4
45°	4826.0	4575.9	1383.1	912.2	765.1	573.8	456.1	382.6	353.1	353.1	353.1
47.5°	5444.0	5120.3	1662.6	926.9	721.0	485.5	382.6	323.7	309.0	309.0	309.0
50°	6150.2	5811.8	2104.0	897.5	647.4	412.0	323.7	294.3	279.6	264.8	264.8
52.5°	7077.2	6665.2	2589.6	838.7	573.8	367.8	294.3	279.6	264.8	250.1	250.1
55°	8077.7	7533.3	2795.6	779.8	500.3	338.4	279.6	264.8	250.1	235.4	235.4
57.5°	9166.5	8195.4	2560.1	706.2	441.4	309.0	264.8	250.1	235.4	220.7	220.7
60°	10225.9	8607.4	1912.8	632.7	367.8	294.3	250.1	235.4	206.0	191.3	191.3
62.5°	11064.5	8372.0	1177.1	544.4	323.7	264.8	235.4	220.7	191.3	161.8	161.8
65°	10932.1	6944.8	706.2	441.4	279.6	250.1	206.0	191.3	161.8	132.4	132.4
67.5°	10711.4	5061.4	426.7	353.1	250.1	206.0	191.3	176.6	147.1	117.7	117.7
70°	*10049.3*	*2398.3*	*309.0*	*264.8*	*220.7*	*161.8*	*161.8*	*147.1*	*132.4*	*103.0*	*103.0*
72.5°	8548.5	809.2	220.7	206.0	176.6	117.7	132.4	132.4	103.0	88.3	88.3
75°	6091.4	294.3	161.8	147.1	117.7	103.0	117.7	103.0	103.0	88.3	73.6
77.5°	2530.7	161.8	132.4	117.7	88.3	88.3	88.3	88.3	73.6	58.9	58.9
80°	559.1	117.7	103.0	88.3	73.6	73.6	73.6	73.6	58.9	44.1	44.1
82.5°	161.8	88.3	73.6	58.9	58.9	58.9	58.9	44.1	44.1	44.1	44.1
85°	73.6	58.9	44.1	44.1	44.1	44.1	44.1	29.4	44.1	29.4	29.4
87.5°	44.1	29.4	29.4	14.7	14.7	14.7	14.7	29.4	29.4	29.4	29.4
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

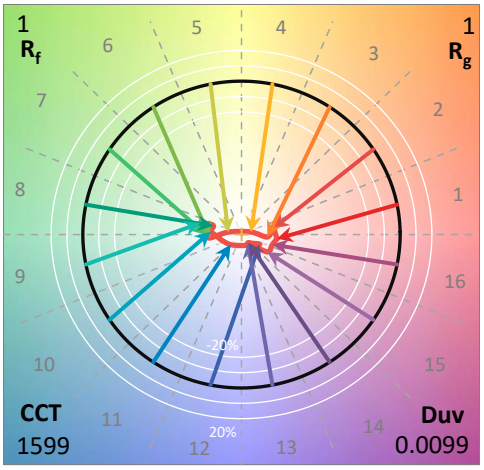
Test Information

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

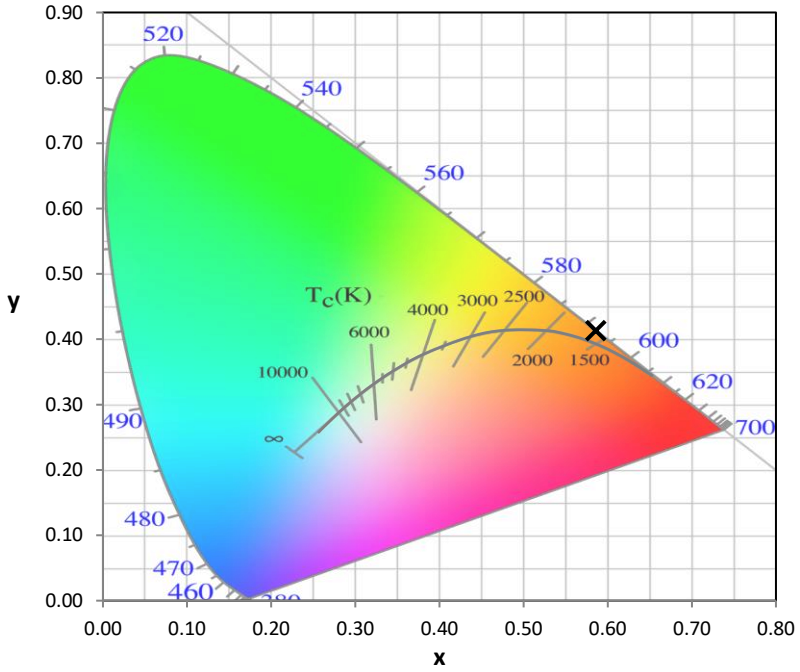
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

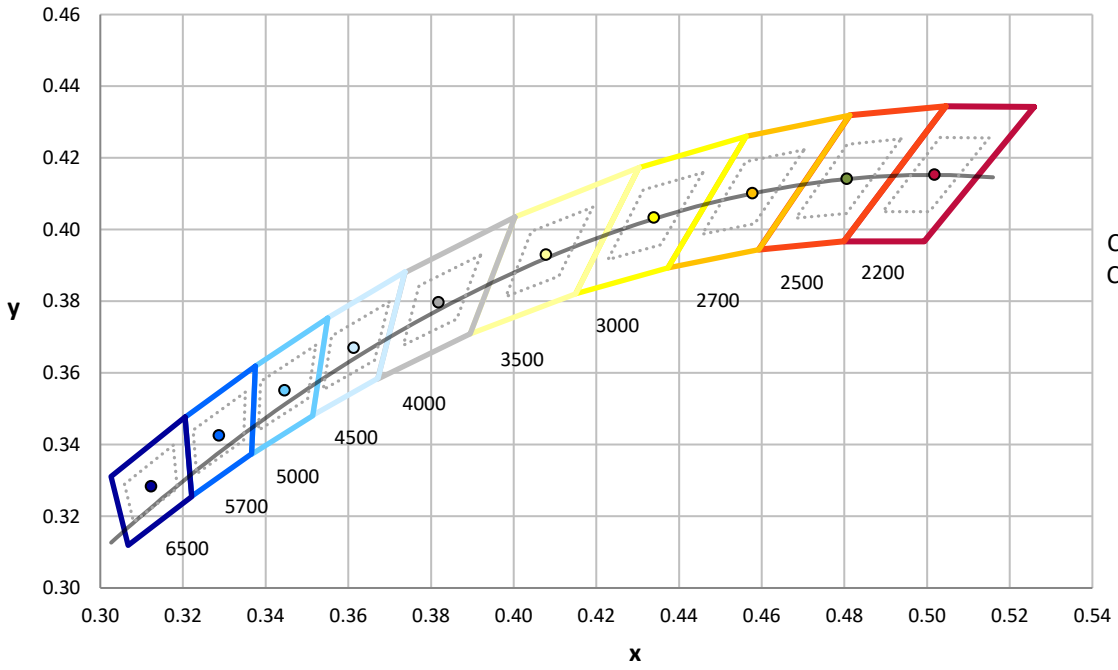
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

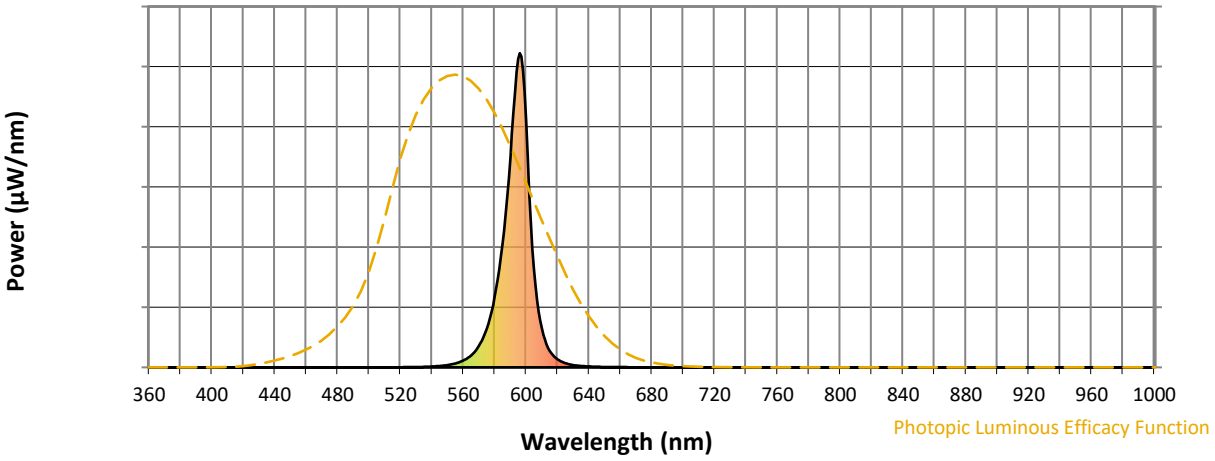


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

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Photopic Flux vs. Wavelength

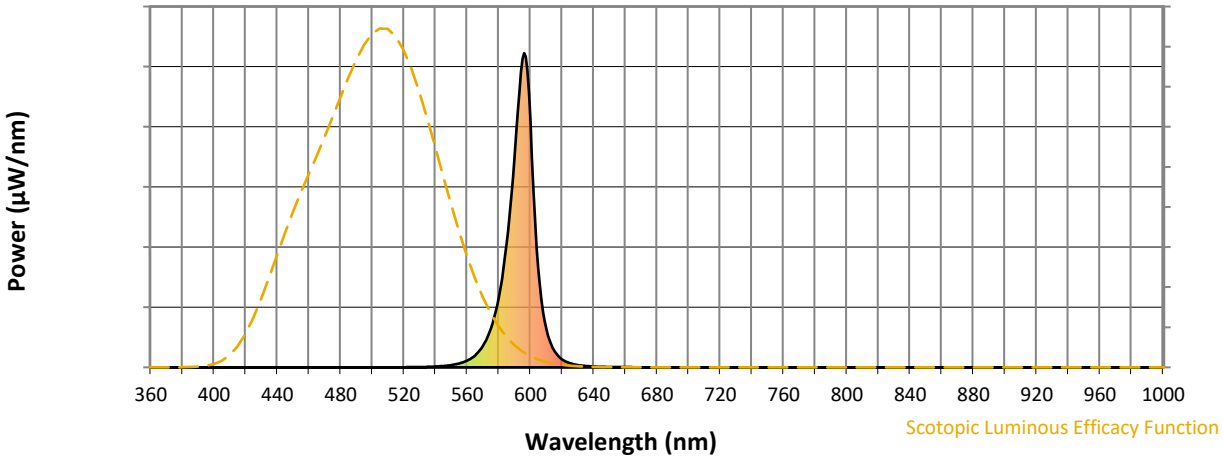


Photopic Lumens: NR

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

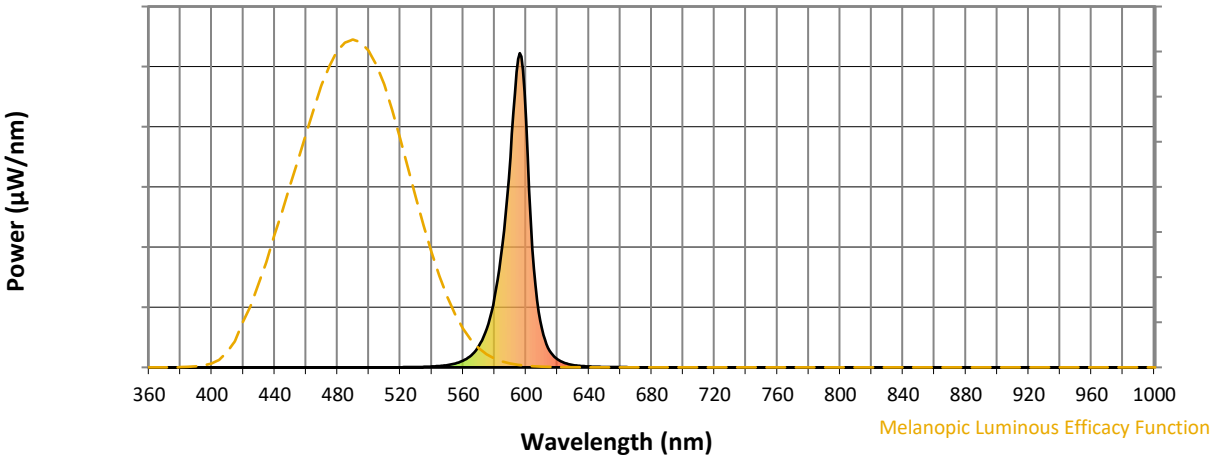


Scotopic Lumens: NR **S/P: 0.23**

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			

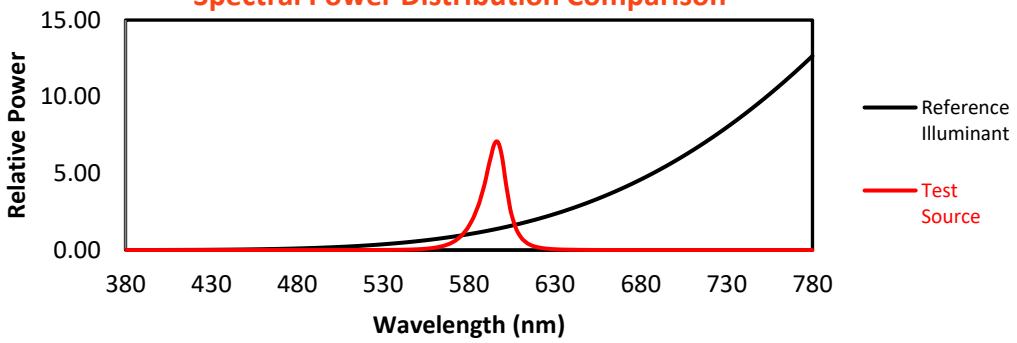
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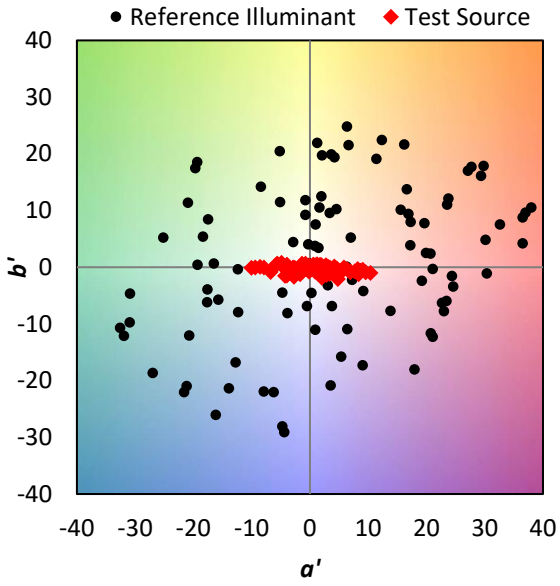
Summary

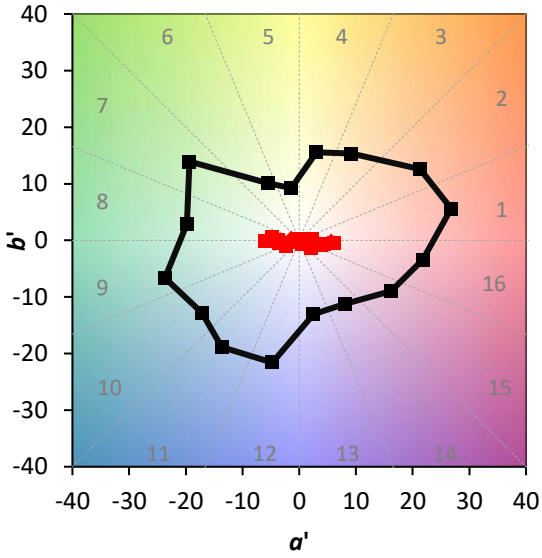
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

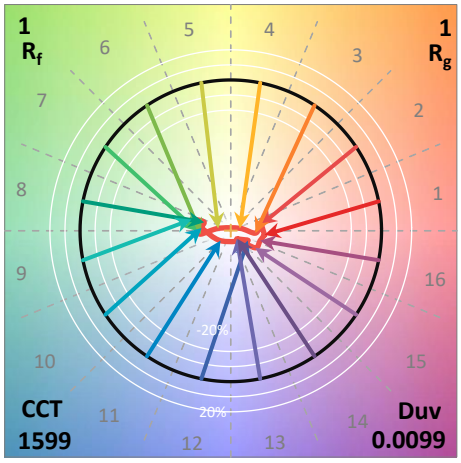
Spectral Power Distribution Comparison

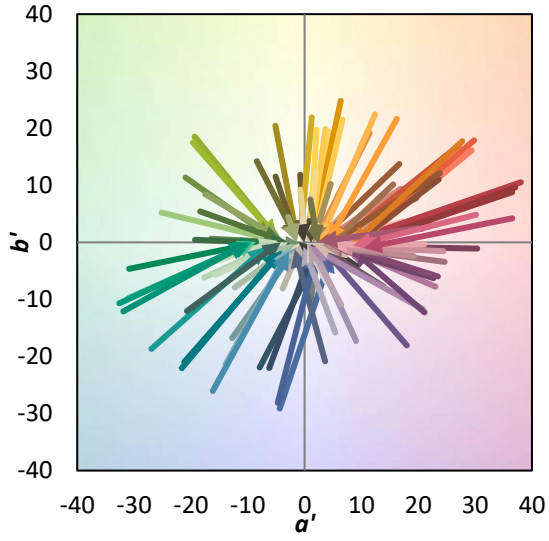


Color Vector Graphics







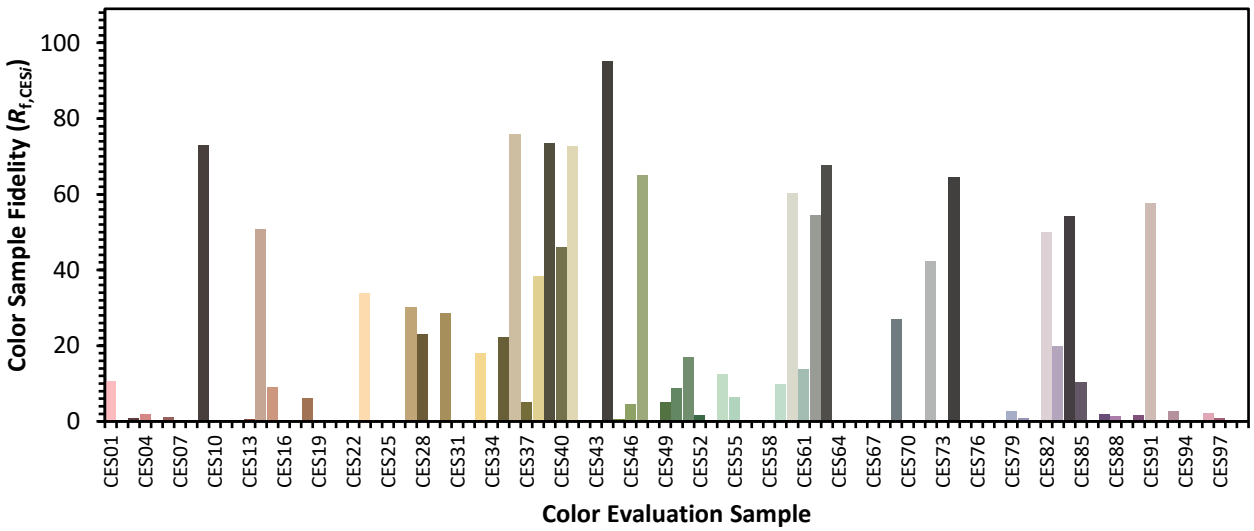


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Individual Sample Fidelity Index ($R_{f,i}$)

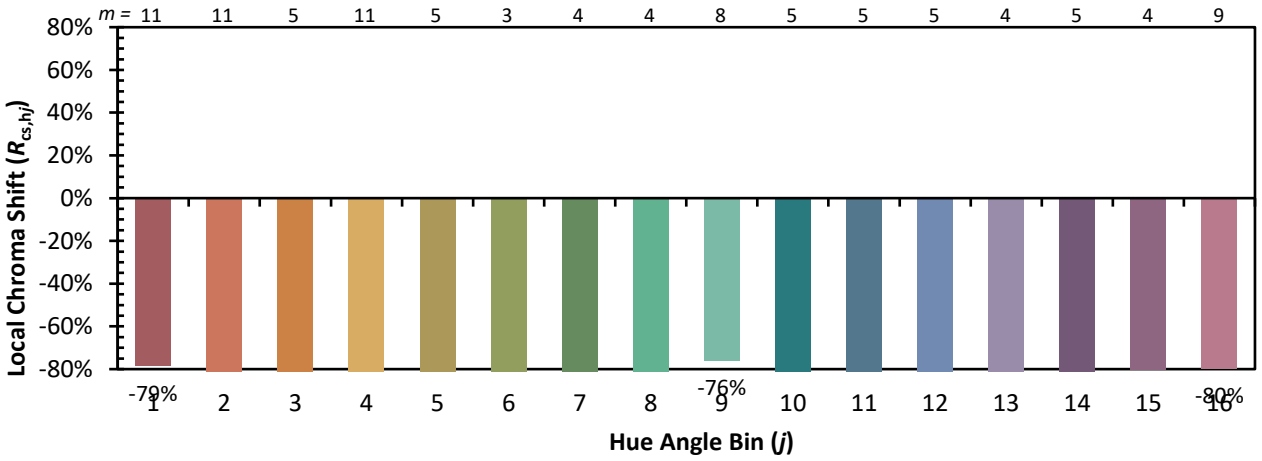
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

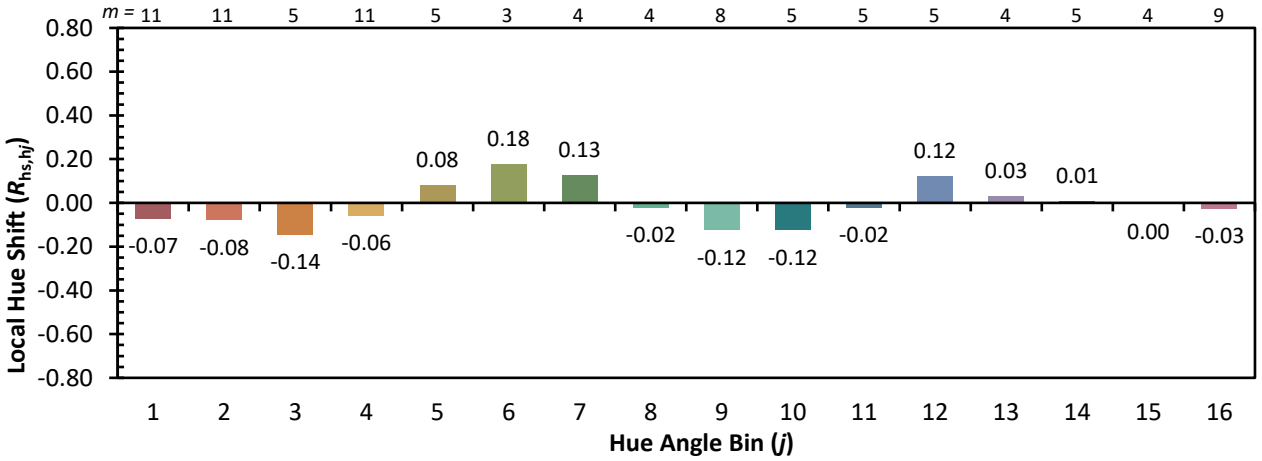


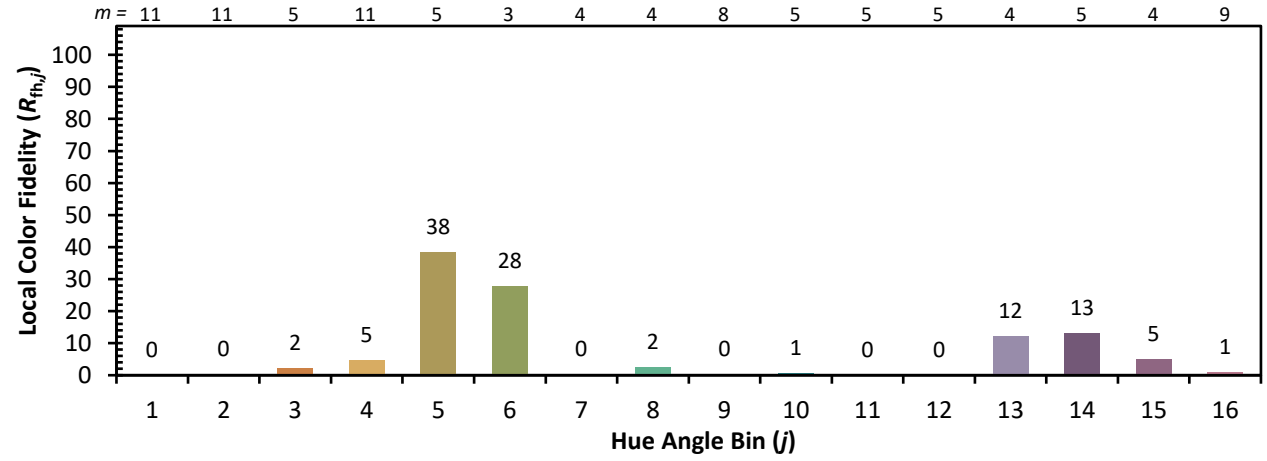
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Color Rendition by Hue-Angle Bin



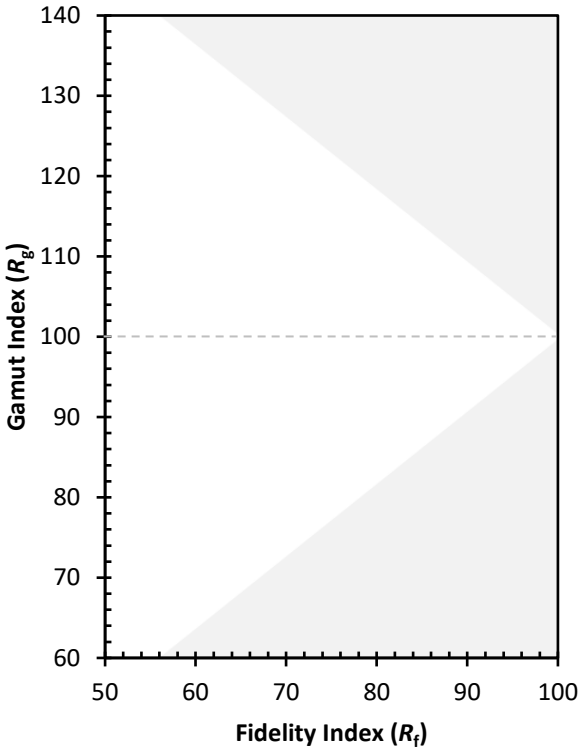


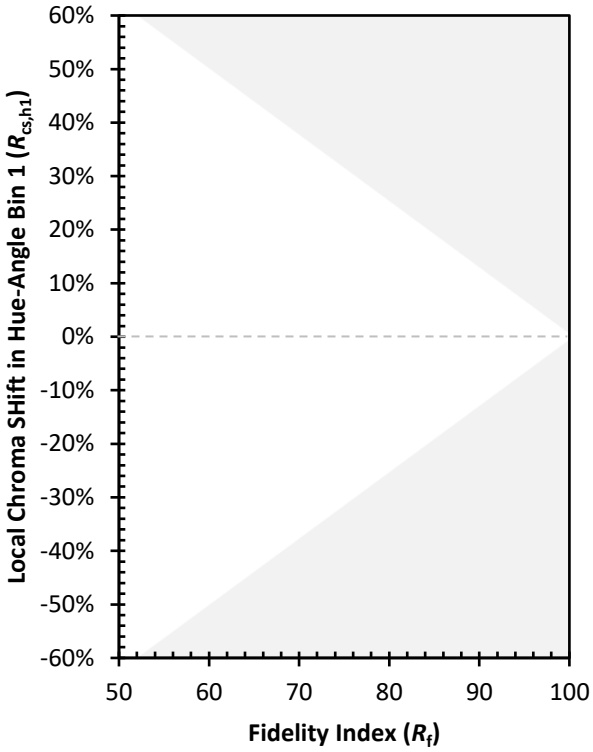


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Measure Comparisons





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