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-T2LG-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-T2LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T2 LOW GLARE 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:	5024.2 lumens
Efficiency:	N/A
Efficacy:	49.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

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

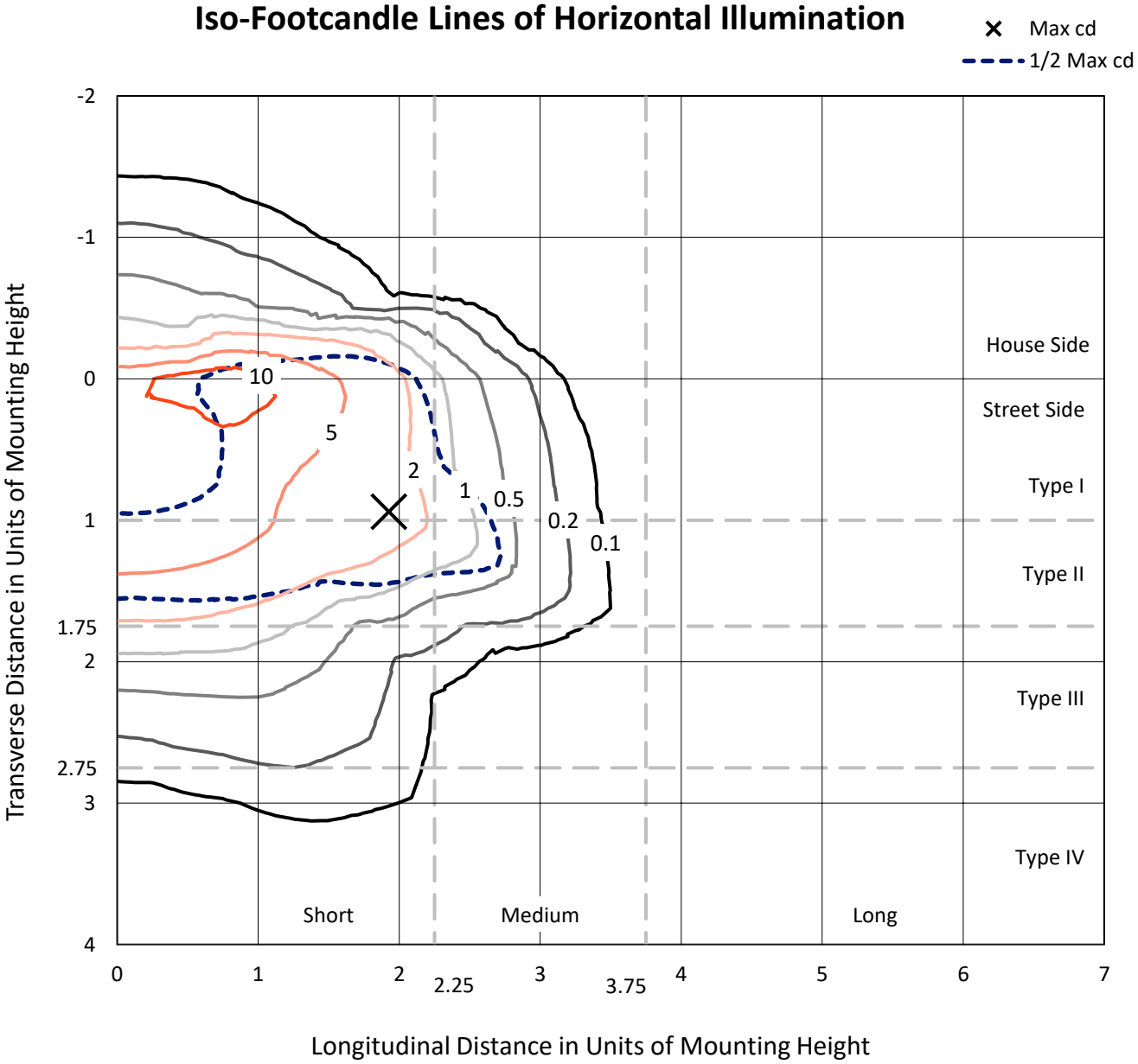


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



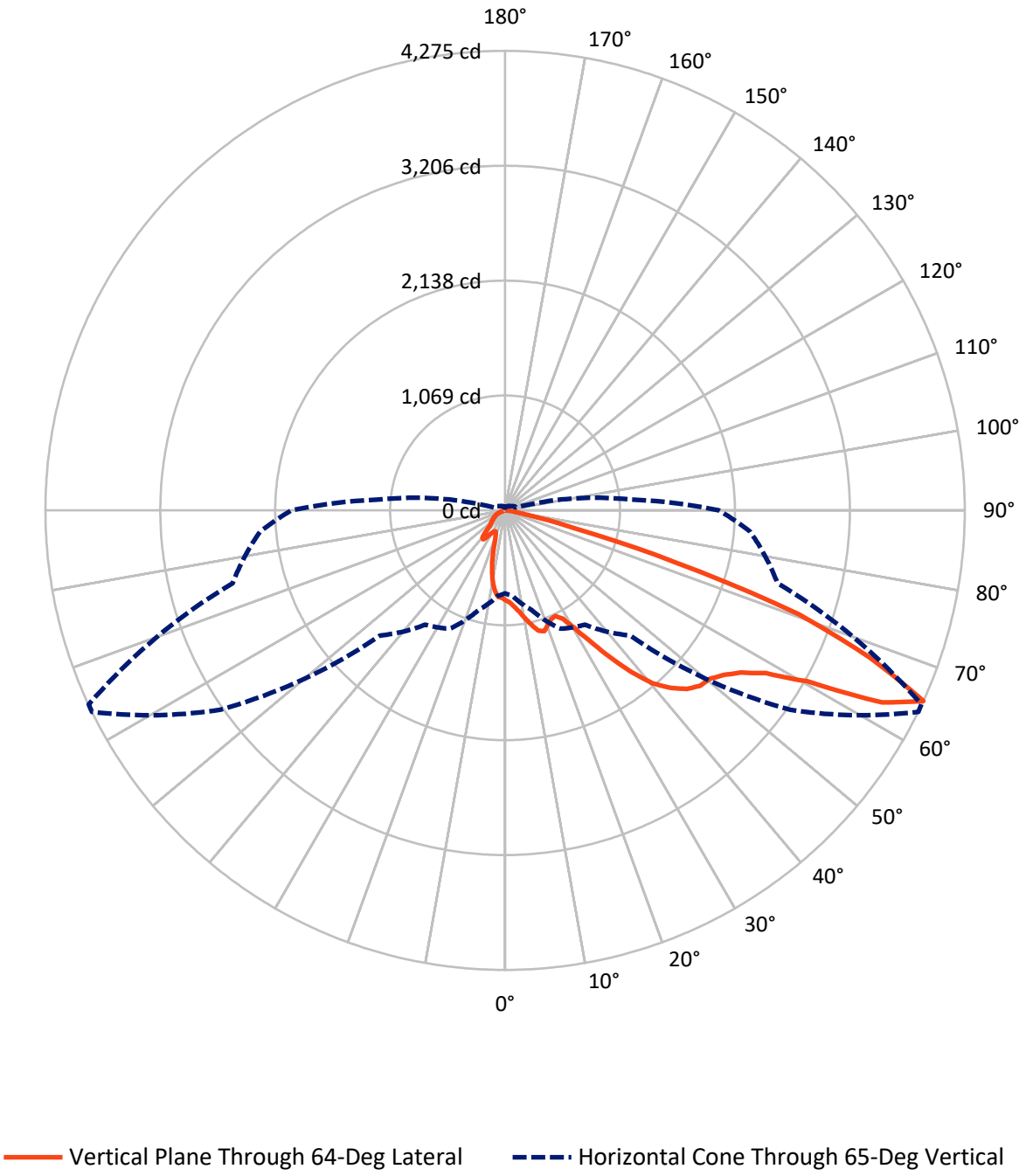
Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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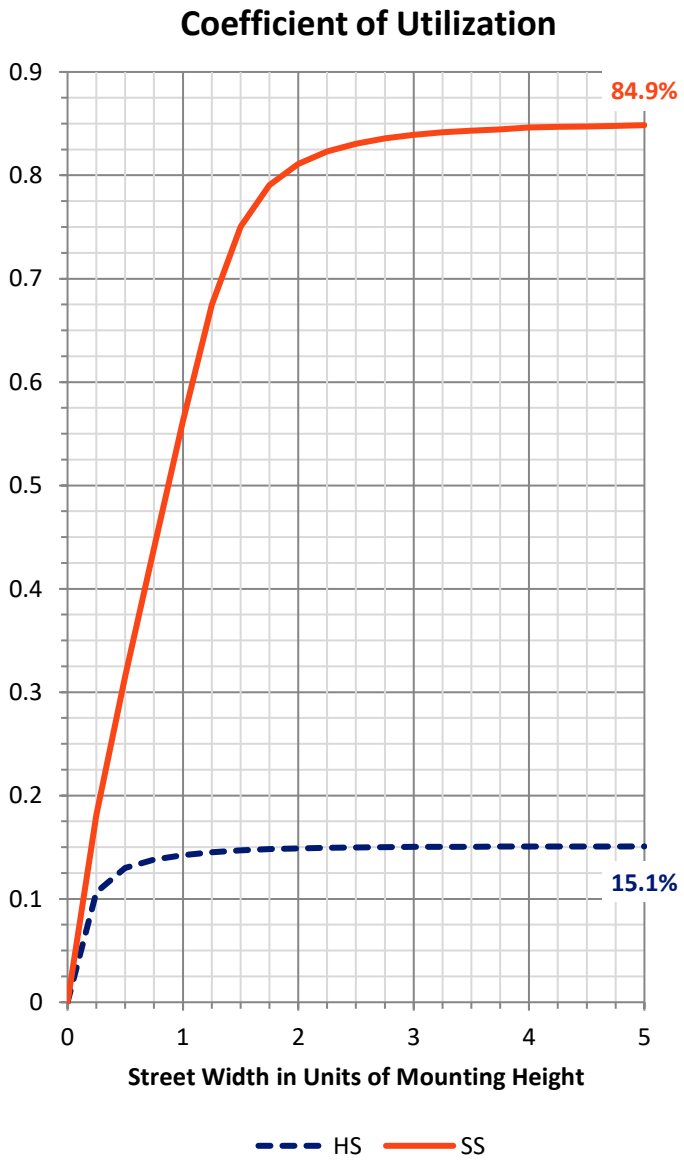
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	763.1	0.0	763.1
	% Fixture	15.2	0.0	15.2
Street Side	Lumens	4261.2	0.0	4261.2
	% Fixture	84.8	0.0	84.8
Total	Lumens	5024.2	0.0	5024.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.6	1.5
10°-20°	181.3	3.6
20°-30°	322.8	6.4
30°-40°	643.0	12.8
40°-50°	1085.3	21.6
50°-60°	1404.0	27.9
60°-70°	1059.9	21.1
70°-80°	237.5	4.7
80°-90°	16.9	0.3
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°	5024.2	100.0
0°-180°	5024.2	100.0



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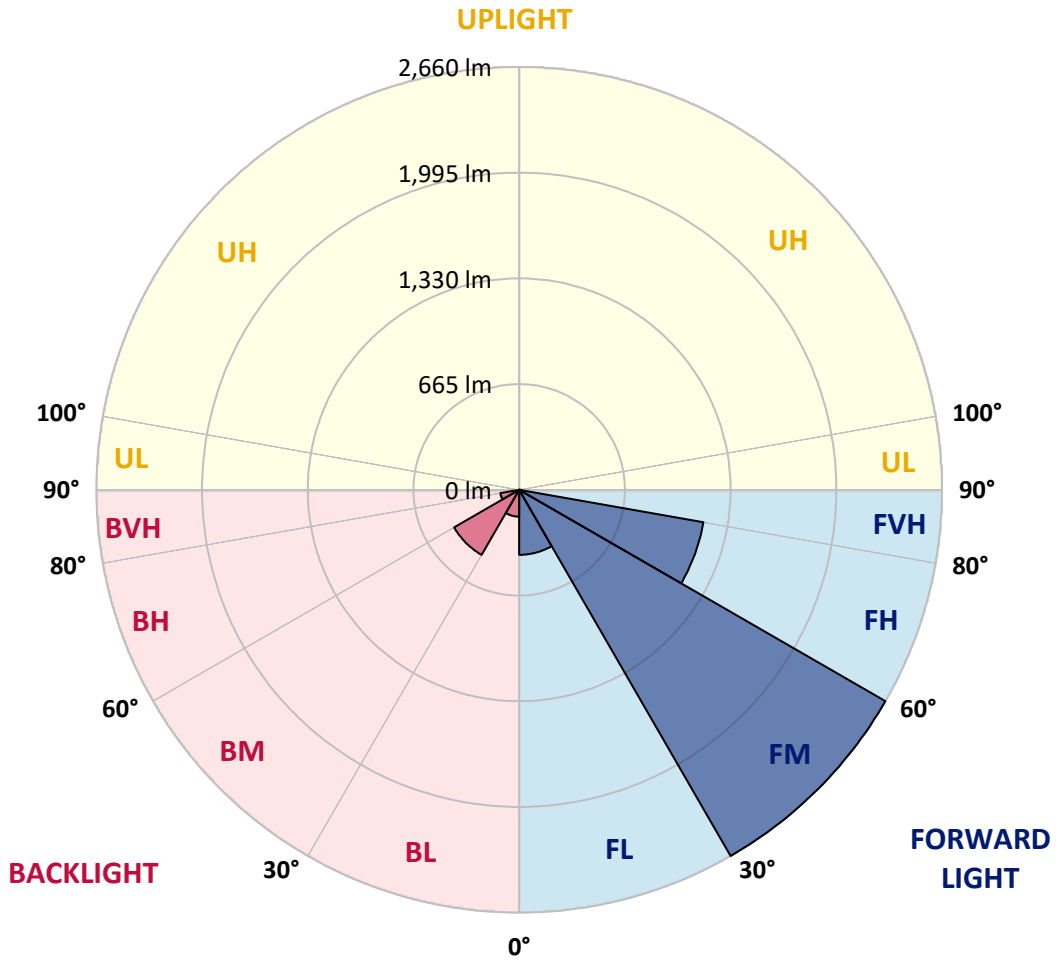
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	408.9	8.1			
FM	(30°-60°)	2659.8	52.9			
FH	(60°-80°)	1176.8	23.4			G1/1800
FVH	(80°-90°)	15.6	0.3			G1/100
BL	(0°-30°)	168.9	3.4	B1/500		
BM	(30°-60°)	472.4	9.4	B1/1000		
BH	(60°-80°)	120.5	2.4	B1/500		G1/500
BVH	(80°-90°)	1.3	0.0			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 II Short



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	837.6	837.6	837.6	837.6	837.6	837.6	837.6	*837.6*	837.6	837.6	837.6
2.5°	891.5	885.5	885.5	882.5	876.5	873.5	870.5	*858.6*	861.6	858.6	843.6
5°	930.4	918.4	915.4	921.4	918.4	915.4	915.4	*900.5*	903.5	894.5	876.5
7.5°	930.4	918.4	924.4	933.4	942.3	951.3	957.3	*951.3*	957.3	945.3	921.4
10°	834.7	828.7	843.6	882.5	930.4	981.2	1014.1	*1020.1*	1023.1	1020.1	981.2
12.5°	649.2	649.2	676.1	724.0	825.7	942.3	1050.0	*1091.9*	1094.9	1103.9	1062.0
15°	577.4	574.4	583.4	604.3	676.1	810.7	1014.1	*1160.7*	1172.7	1202.6	1157.7
17.5°	580.4	580.4	574.4	583.4	616.3	703.0	921.4	*1181.7*	1214.6	1325.3	1268.4
20°	613.3	607.3	607.3	604.3	616.3	673.1	843.6	*1136.8*	1196.6	1453.9	1403.1
22.5°	664.1	658.1	658.1	652.2	652.2	691.1	807.7	*1097.9*	1157.7	1594.5	1552.6
25°	724.0	724.0	718.0	712.0	718.0	738.9	843.6	*1088.9*	1142.8	1747.1	1738.1
27.5°	837.6	831.7	801.7	780.8	798.8	822.7	924.4	*1139.8*	1190.6	1869.7	1935.6
30°	1005.2	996.2	966.3	906.4	897.5	936.4	1041.1	*1268.4*	1307.3	2001.4	2198.8
32.5°	1145.8	1148.8	1127.8	1077.0	1047.1	1062.0	1214.6	*1447.9*	1495.8	2159.9	2474.0
35°	1271.4	1268.4	1268.4	1250.5	1232.5	1244.5	1409.0	*1672.3*	1717.2	2333.4	2782.2
37.5°	1403.1	1394.1	1364.2	1376.1	1418.0	1480.8	1648.4	*1905.6*	1947.5	2492.0	3063.4
40°	1636.4	1651.4	1597.5	1519.7	1576.6	1726.1	1869.7	*2115.0*	2156.9	2632.6	3293.7
42.5°	1959.5	1944.5	1878.7	1774.0	1747.1	1899.7	2103.1	*2258.6*	2306.5	2722.3	3428.4
45°	2240.7	2219.8	2156.9	2085.1	1968.5	2040.3	2237.7	*2369.3*	2396.3	2770.2	3500.1
47.5°	2504.0	2492.0	2444.1	2378.3	2255.7	2192.8	2285.6	*2438.1*	2465.1	2782.2	3530.1
50°	2674.5	2665.5	2677.5	2662.5	2536.9	2399.2	2324.5	*2465.1*	2504.0	2827.0	3533.1
52.5°	2620.6	2614.6	2695.4	2800.1	2833.0	2647.5	2402.2	*2542.8*	2584.7	2922.8	3592.9
55°	2393.3	2390.3	2515.9	2728.3	2910.8	2943.7	2578.7	*2662.5*	2695.4	3057.4	3598.9
57.5°	2097.1	2082.1	2213.8	2492.0	2806.1	3042.4	2925.8	*2857.0*	2871.9	3177.1	3601.9
60°	1438.9	1447.9	1744.1	2040.3	2501.0	2851.0	3347.6	*3227.9*	3198.0	3174.1	3365.5
62.5°	1047.1	1053.0	1187.7	1465.9	1875.7	2486.0	3383.5	*3933.9*	3853.2	3030.5	3039.4
65°	*771.8*	*798.8*	*960.3*	*1214.6*	*1298.3*	*1645.4*	*3230.9*	*4275.0*	*4272.0*	*2623.6*	*2288.6*
67.5°	451.7	478.7	721.0	999.2	1035.1	855.6	2369.3	*3661.7*	3697.6	1989.4	1534.7
70°	308.1	323.1	484.6	798.8	831.7	526.5	999.2	*2898.8*	2904.8	1504.8	969.3
72.5°	173.5	176.5	299.2	592.3	676.1	356.0	463.7	*1654.3*	1603.5	789.8	457.7
75°	92.7	101.7	161.5	359.0	505.6	239.3	194.5	*673.1*	718.0	332.1	251.3
77.5°	56.8	59.8	86.8	224.4	314.1	176.5	125.6	*248.3*	272.2	209.4	134.6
80°	29.9	29.9	50.9	119.7	182.5	98.7	77.8	*113.7*	128.6	122.7	77.8
82.5°	9.0	12.0	26.9	41.9	110.7	26.9	26.9	*65.8*	71.8	74.8	41.9
85°	6.0	6.0	15.0	15.0	35.9	12.0	9.0	*20.9*	23.9	32.9	12.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*3.0*	3.0	3.0	0.0
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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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6
2.5°	840.6	840.6	831.7	813.7	813.7	804.7	795.8	789.8	789.8	792.8	783.8
5°	864.6	849.6	834.7	810.7	774.8	729.9	664.1	622.2	577.4	565.4	583.4
7.5°	903.5	888.5	846.6	771.8	658.1	529.5	424.8	359.0	317.1	302.1	299.2
10°	963.3	936.4	861.6	703.0	499.6	347.0	254.3	215.4	203.4	200.4	197.4
12.5°	1032.1	993.2	864.6	604.3	347.0	227.4	194.5	185.5	179.5	179.5	176.5
15°	1115.9	1068.0	855.6	496.6	239.3	191.5	179.5	170.5	164.5	164.5	164.5
17.5°	1217.6	1142.8	831.7	365.0	200.4	179.5	167.5	158.6	152.6	152.6	152.6
20°	1325.3	1226.5	792.8	275.2	188.5	170.5	158.6	146.6	143.6	143.6	140.6
22.5°	1462.9	1331.3	735.9	233.3	179.5	161.5	146.6	134.6	131.6	131.6	131.6
25°	1618.4	1438.9	661.1	218.4	173.5	152.6	137.6	125.6	122.7	122.7	122.7
27.5°	1794.9	1552.6	583.4	224.4	167.5	143.6	128.6	119.7	116.7	116.7	116.7
30°	2010.3	1699.2	538.5	242.3	164.5	134.6	119.7	113.7	110.7	107.7	110.7
32.5°	2261.6	1878.7	550.5	269.2	170.5	131.6	116.7	107.7	107.7	104.7	104.7
35°	2545.8	2058.2	613.3	317.1	179.5	125.6	110.7	104.7	101.7	98.7	98.7
37.5°	2776.2	2222.7	691.1	356.0	182.5	116.7	107.7	98.7	95.7	92.7	92.7
40°	2964.7	2324.5	747.9	350.0	161.5	113.7	98.7	89.7	86.8	83.8	83.8
42.5°	3072.4	2399.2	765.8	287.2	152.6	104.7	89.7	80.8	77.8	77.8	77.8
45°	3084.3	2366.3	700.0	209.4	143.6	95.7	83.8	74.8	71.8	71.8	71.8
47.5°	3096.3	2324.5	610.3	185.5	125.6	89.7	74.8	71.8	68.8	65.8	65.8
50°	3090.3	2267.6	529.5	173.5	113.7	83.8	74.8	65.8	62.8	62.8	59.8
52.5°	3153.1	2261.6	439.8	152.6	104.7	80.8	71.8	65.8	59.8	56.8	56.8
55°	3204.0	2276.6	341.0	137.6	98.7	77.8	65.8	62.8	56.8	53.8	53.8
57.5°	3248.9	2258.6	239.3	125.6	89.7	74.8	62.8	59.8	53.8	47.9	47.9
60°	3114.2	2079.1	170.5	113.7	80.8	68.8	59.8	53.8	47.9	44.9	41.9
62.5°	2782.2	1732.1	131.6	101.7	74.8	62.8	53.8	50.9	41.9	35.9	35.9
65°	*1986.4*	*1163.7*	*104.7*	*89.7*	*68.8*	*53.8*	*47.9*	*41.9*	*35.9*	*26.9*	*26.9*
67.5°	1310.3	673.1	80.8	71.8	59.8	44.9	41.9	35.9	29.9	23.9	20.9
70°	762.9	332.1	62.8	53.8	47.9	35.9	32.9	32.9	26.9	20.9	17.9
72.5°	347.0	131.6	44.9	38.9	35.9	23.9	23.9	23.9	20.9	15.0	12.0
75°	188.5	74.8	32.9	26.9	20.9	17.9	17.9	17.9	15.0	9.0	9.0
77.5°	107.7	50.9	23.9	17.9	12.0	9.0	12.0	12.0	9.0	6.0	6.0
80°	53.8	32.9	12.0	9.0	6.0	6.0	6.0	3.0	3.0	0.0	0.0
82.5°	20.9	20.9	6.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
85°	9.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

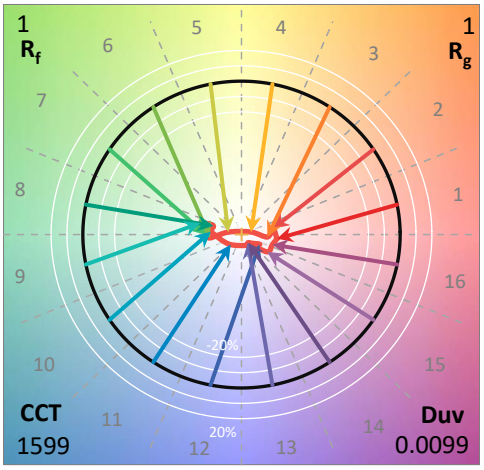
Test Information

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

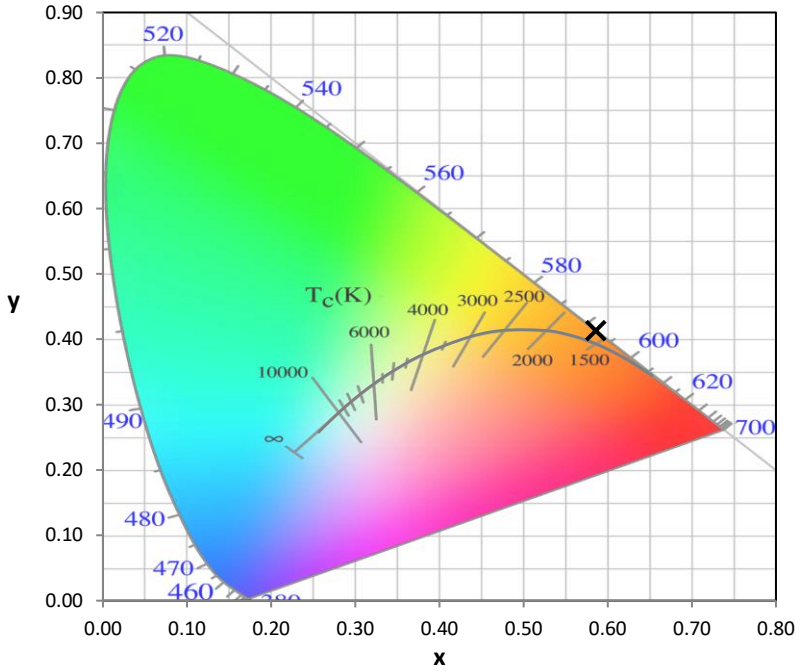
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

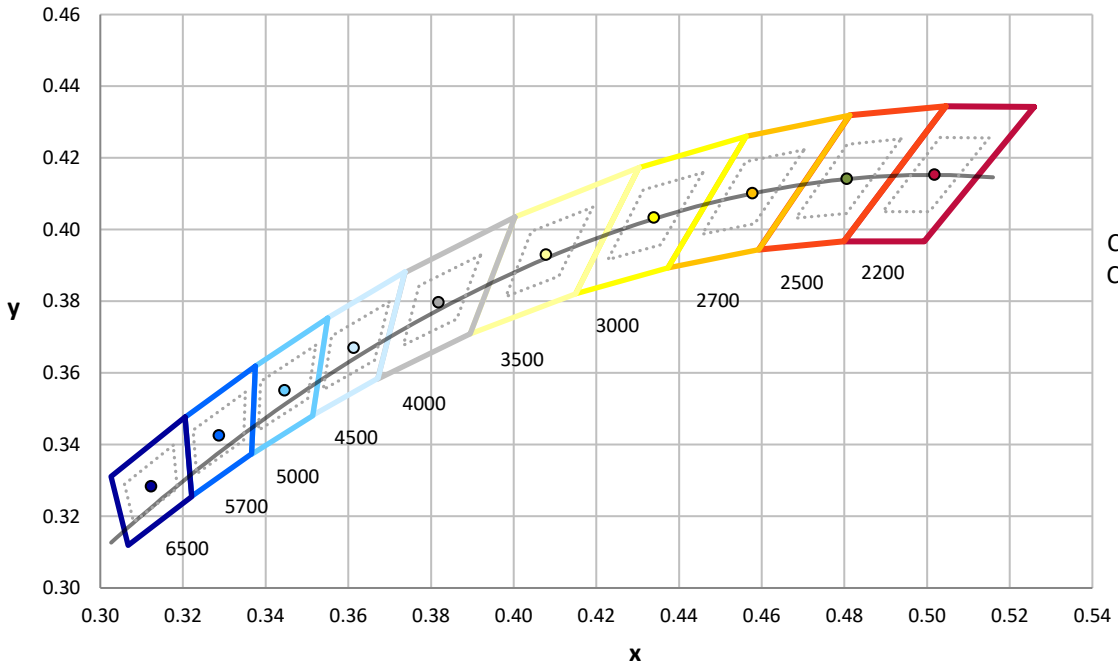
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

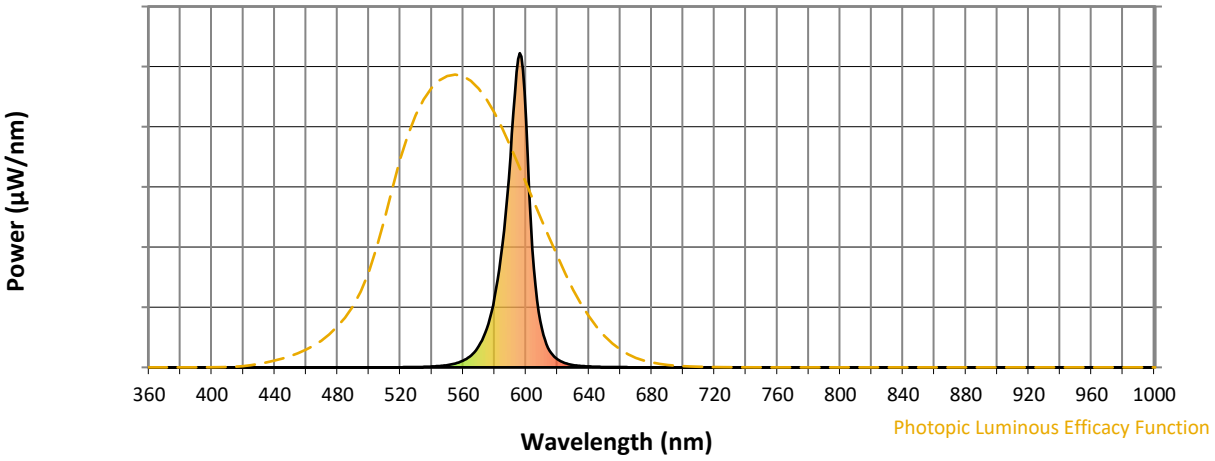


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

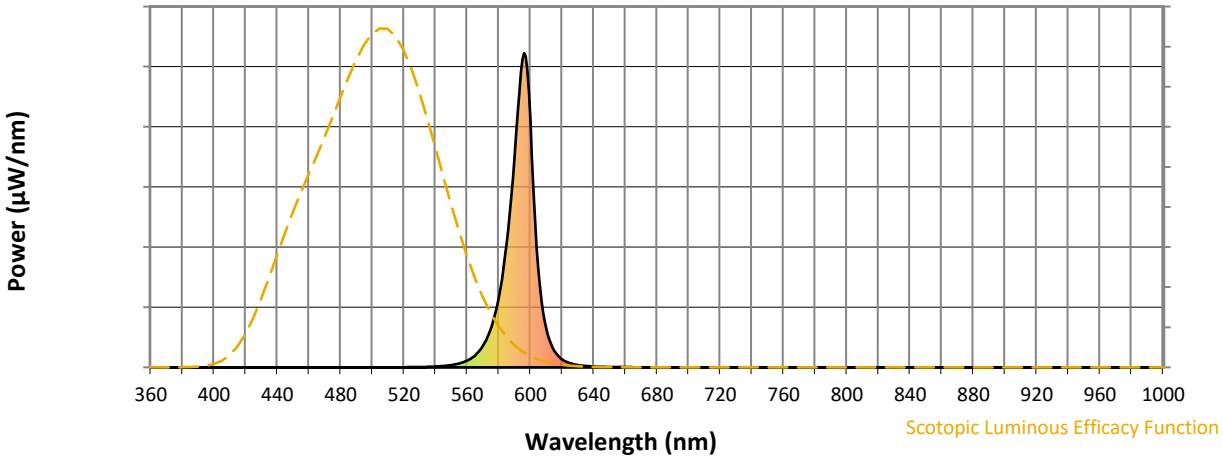


Photopic Lumens: NR

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

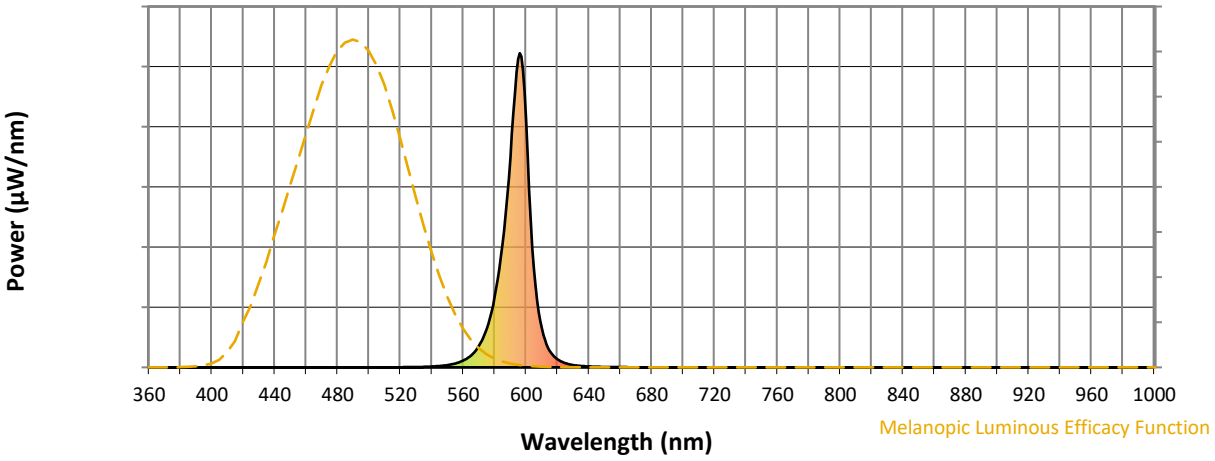


Scotopic Lumens: NR **S/P: 0.23**

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			

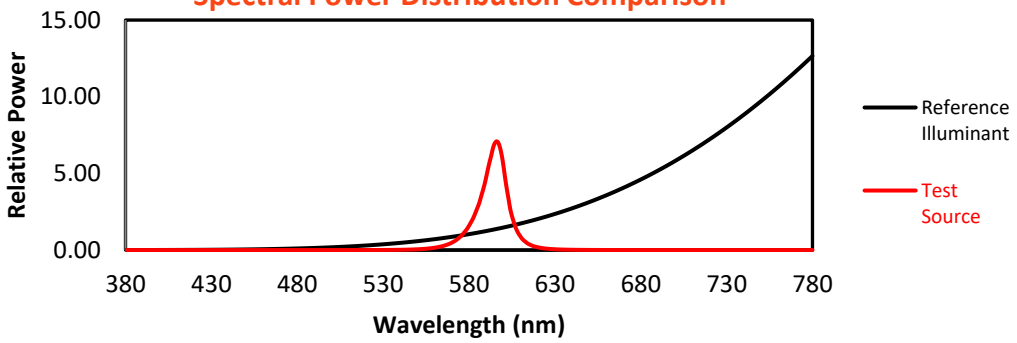
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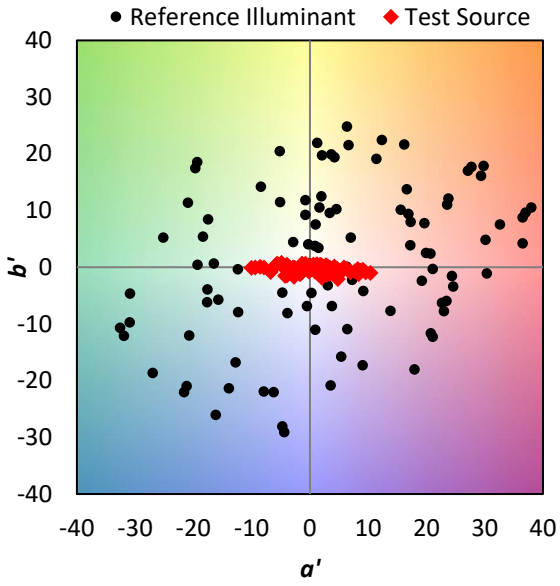
Summary

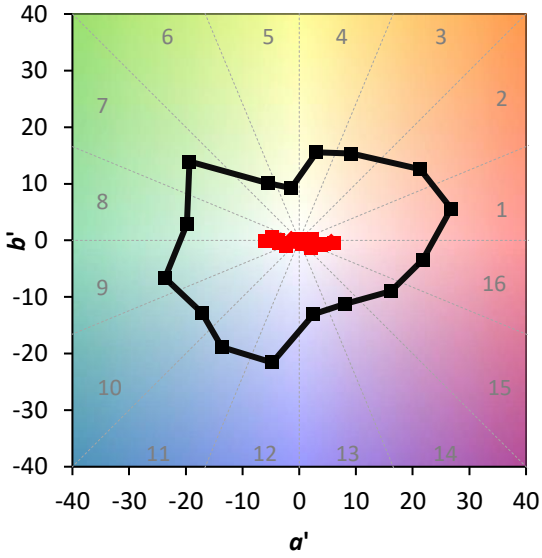
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

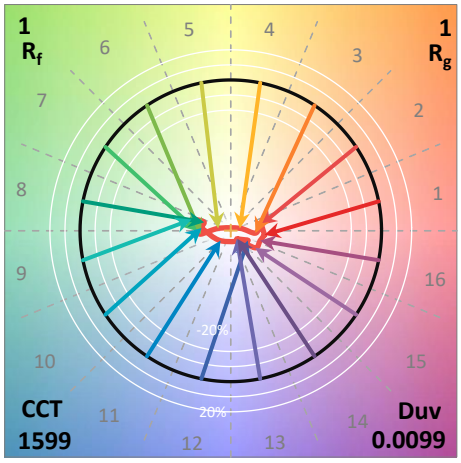
Spectral Power Distribution Comparison

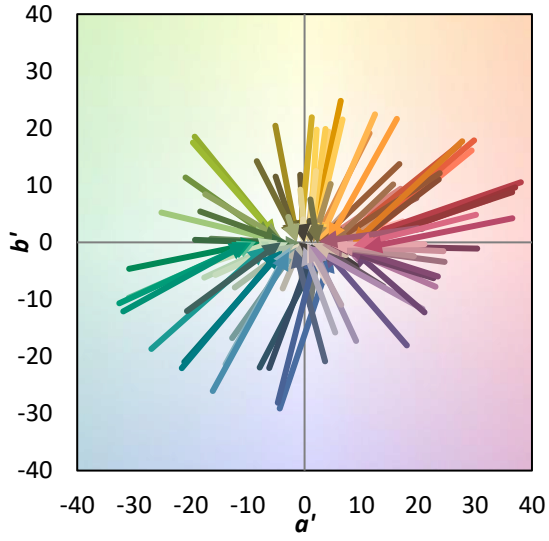


Color Vector Graphics







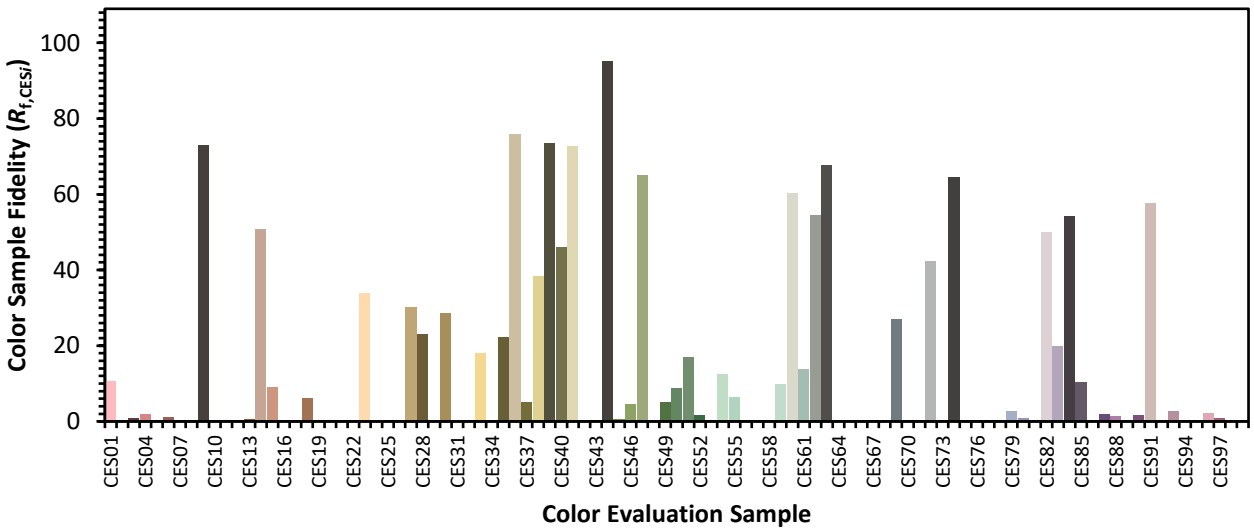


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Individual Sample Fidelity Index ($R_{f,i}$)

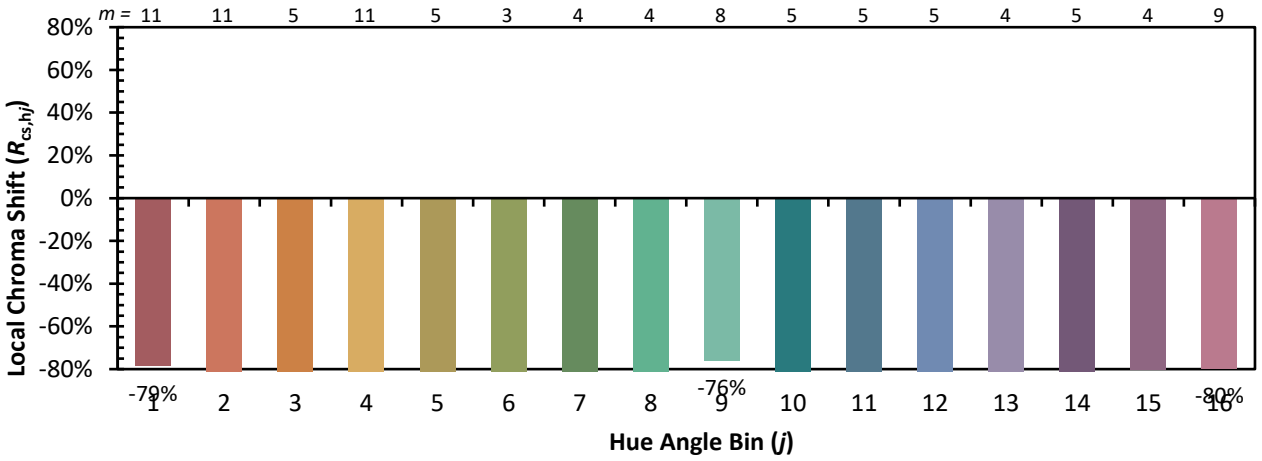
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

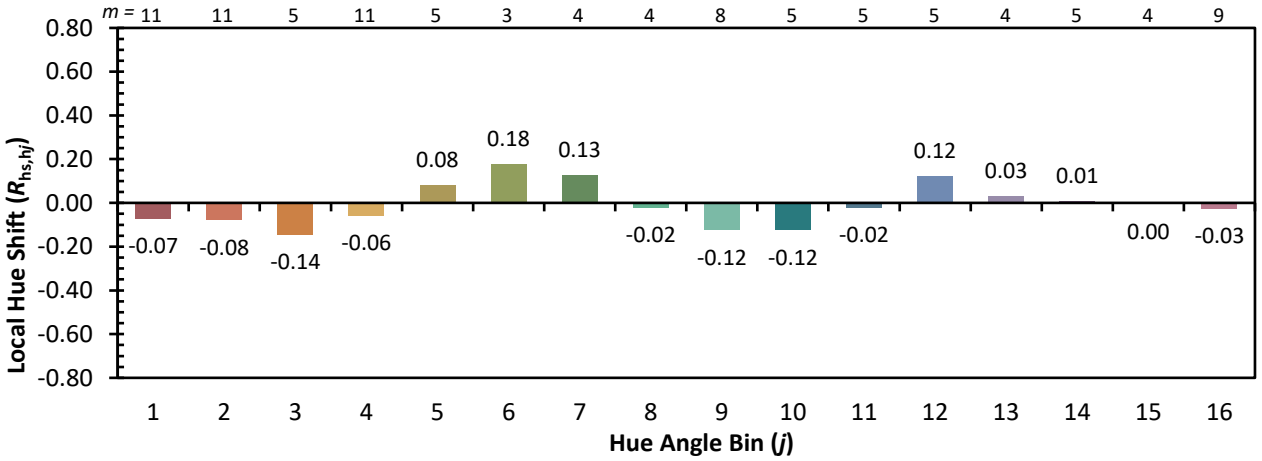


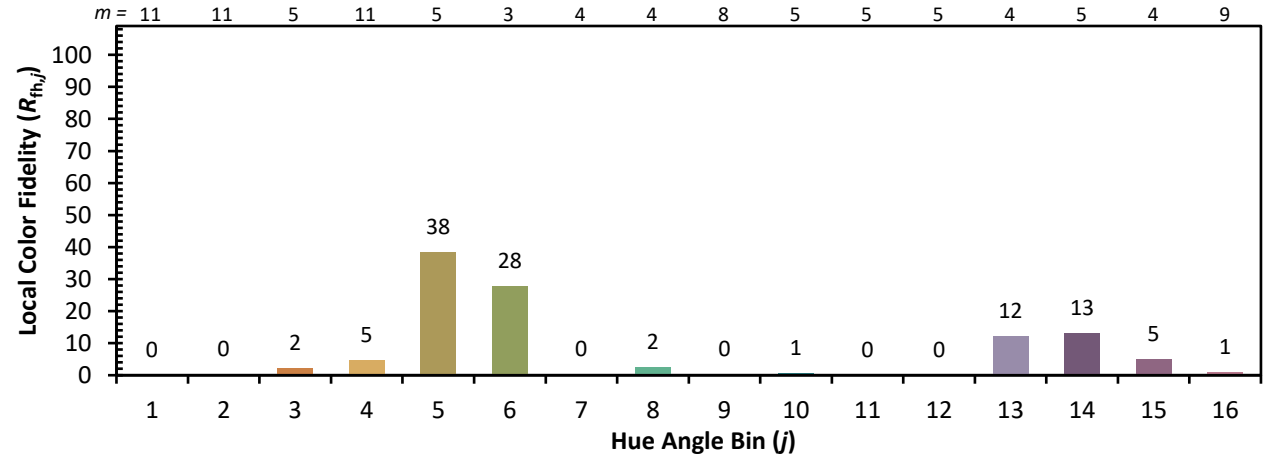
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Color Rendition by Hue-Angle Bin



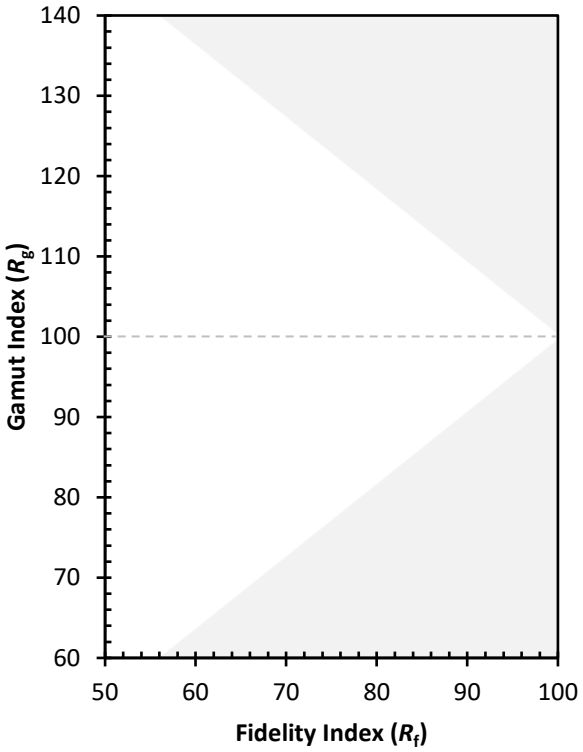


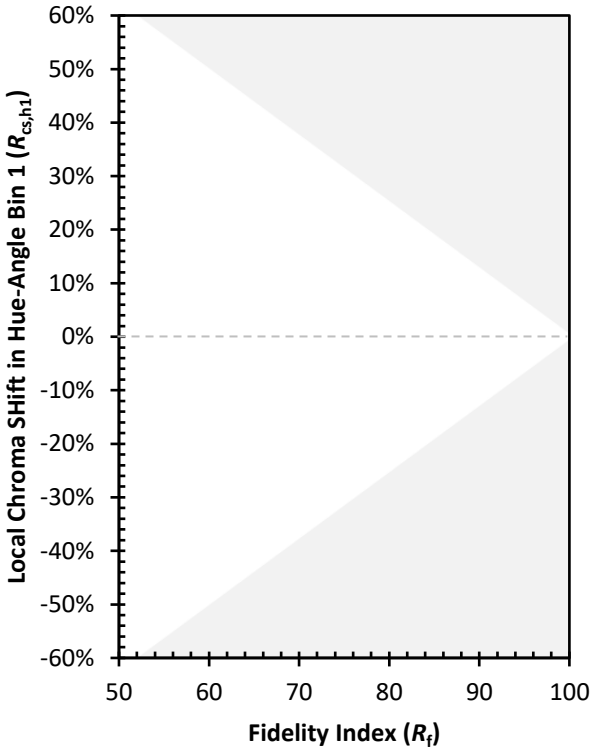


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Measure Comparisons





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