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-AFL-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-AFL-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE 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:	5738.7 lumens
Efficiency:	N/A
Efficacy:	56.8 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

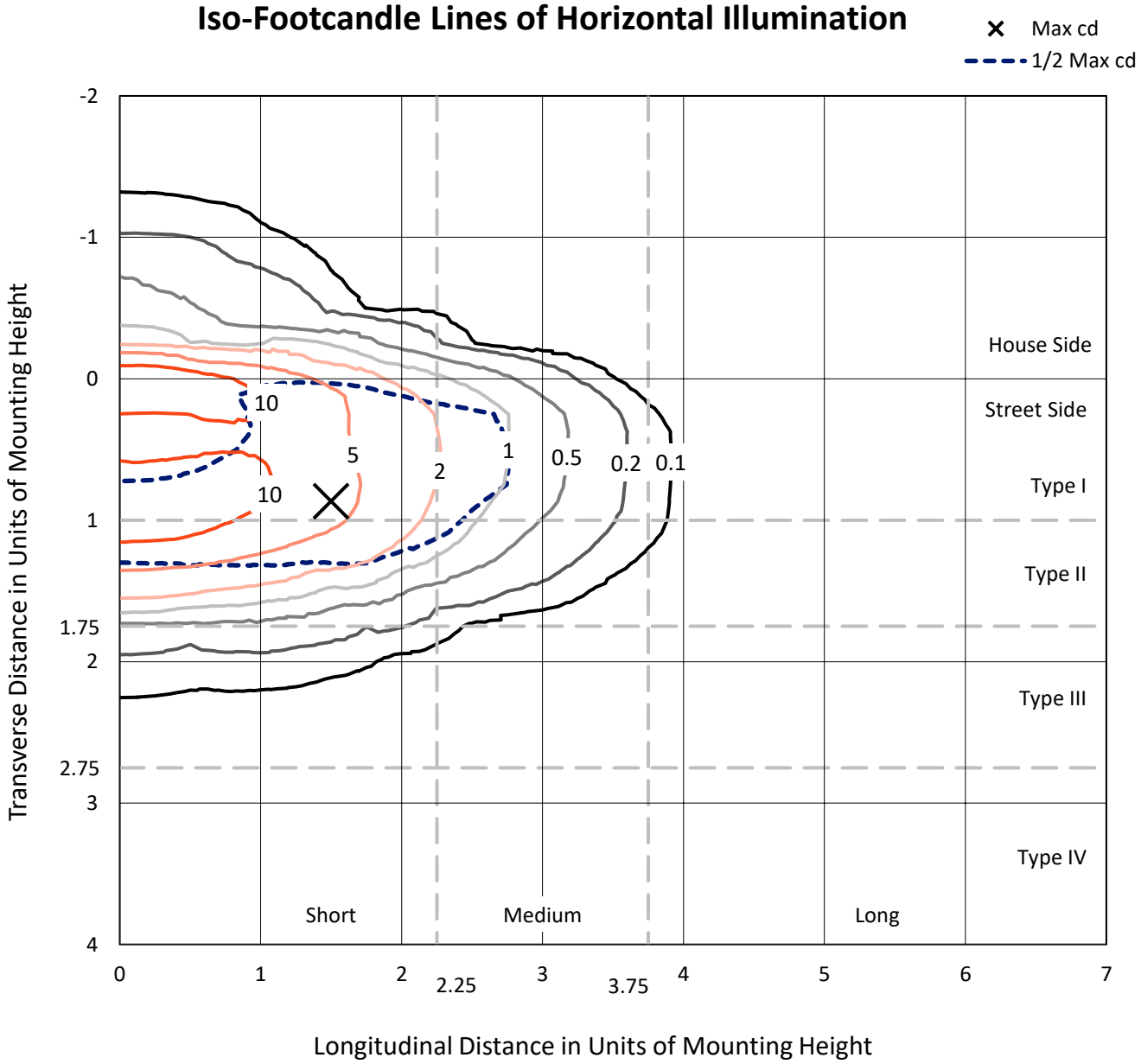


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



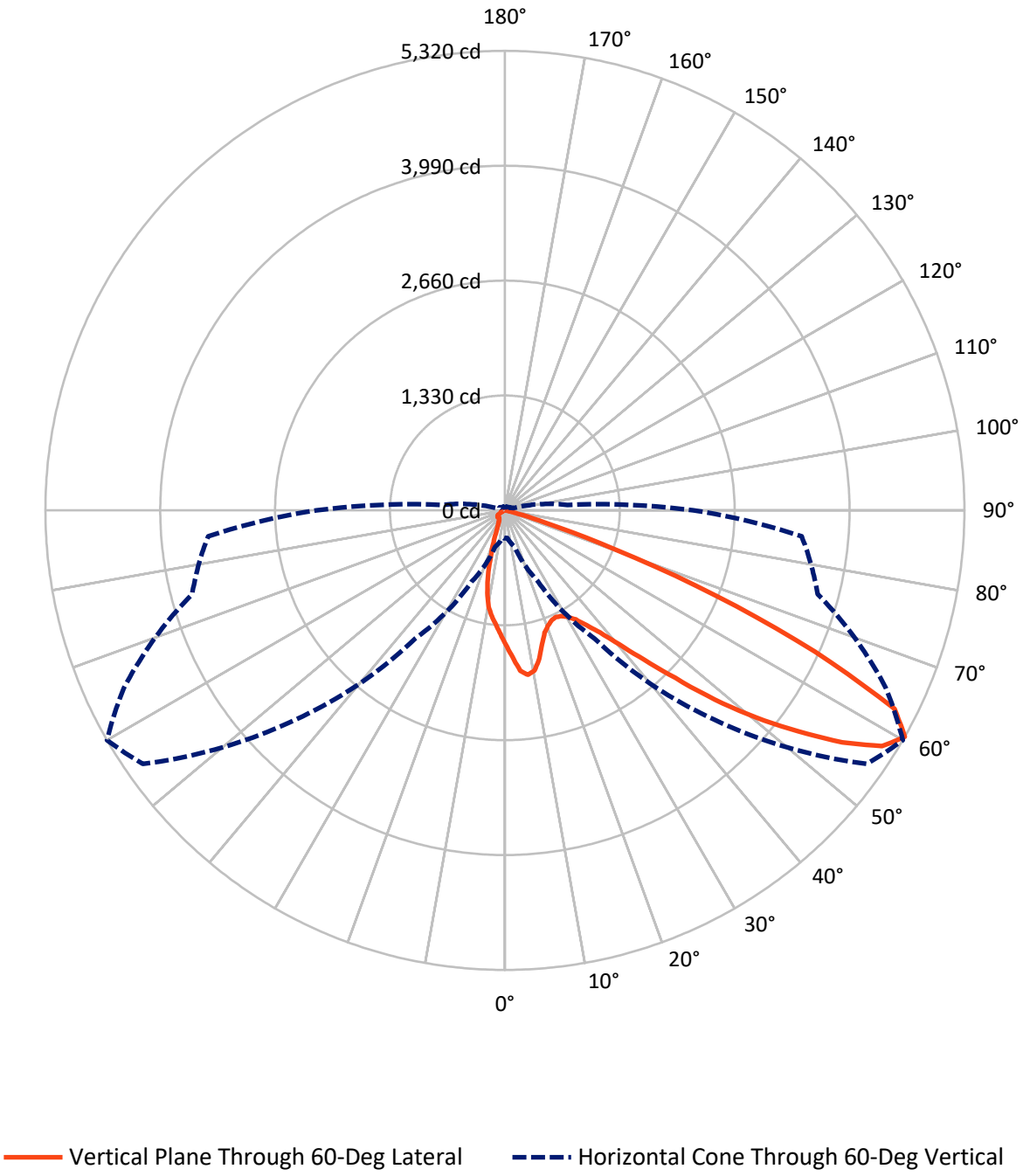
Based on 10 foot mounting height. Maximum calculated value = 16.2 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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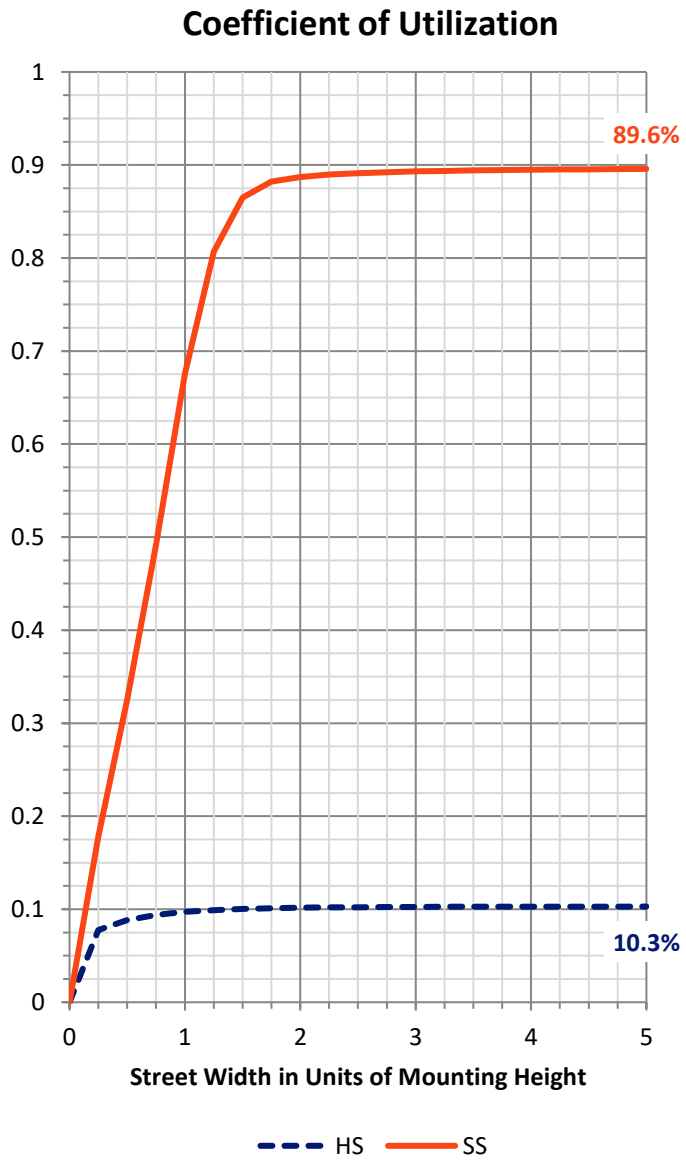
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	593.1	0.0	593.1
	% Fixture	10.3	0.0	10.3
Street Side	Lumens	5145.6	0.0	5145.6
	% Fixture	89.7	0.0	89.7
Total	Lumens	5738.7	0.0	5738.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.6	2.4
10°-20°	291.0	5.1
20°-30°	418.3	7.3
30°-40°	743.0	12.9
40°-50°	1396.7	24.3
50°-60°	1604.9	28.0
60°-70°	925.4	16.1
70°-80°	212.7	3.7
80°-90°	9.2	0.2
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°	5738.7	100.0
0°-180°	5738.7	100.0



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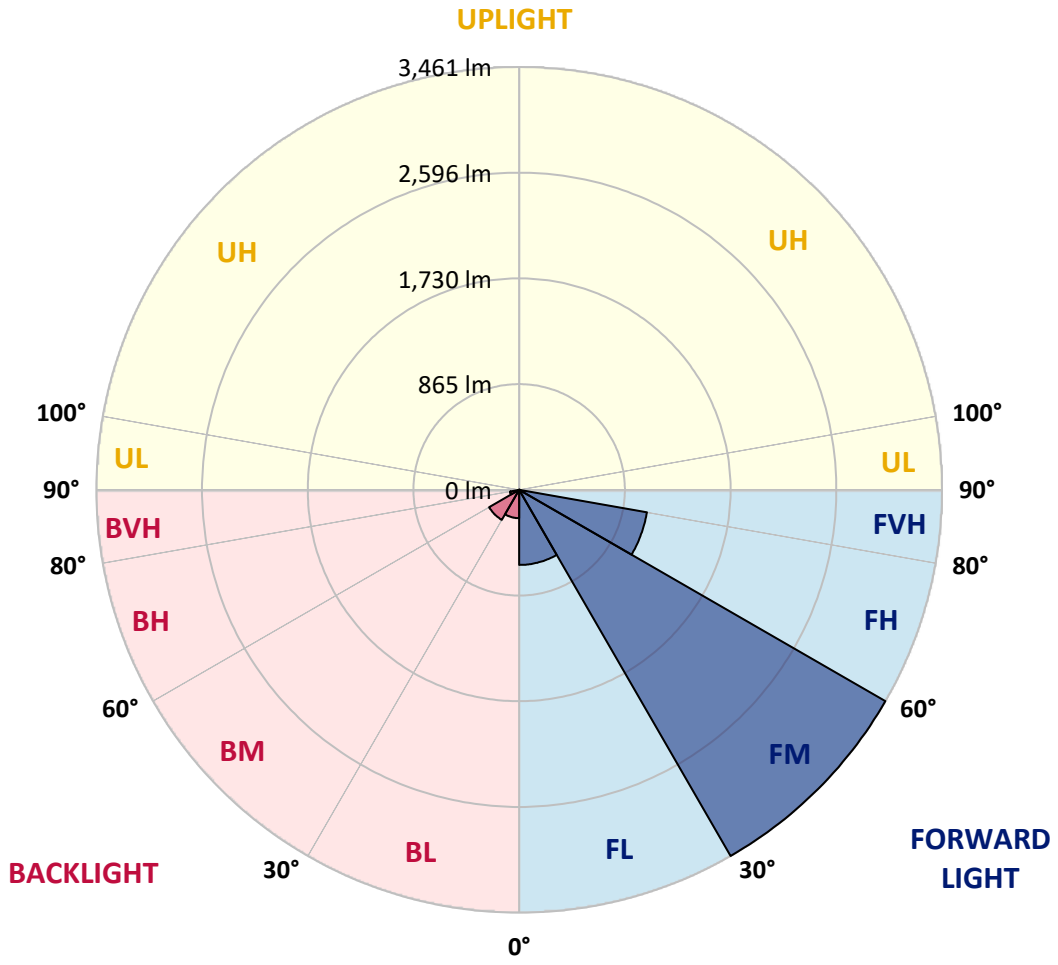
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	614.9	10.7			
FM	(30°-60°)	3460.8	60.3			
FH	(60°-80°)	1062.3	18.5			G1/1800
FVH	(80°-90°)	7.7	0.1			G0/10
BL	(0°-30°)	232.0	4.0	B1/500		
BM	(30°-60°)	283.8	4.9	B1/1000		
BH	(60°-80°)	75.8	1.3	B0/110		G0/110
BVH	(80°-90°)	1.5	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	*1556.6*	1556.6	1556.6	1556.6
2.5°	1847.0	1811.1	1817.1	1790.1	1766.2	1748.2	1727.3	*1700.3*	1673.4	1628.5	1589.6
5°	1859.0	1847.0	1847.0	1862.0	1879.9	1888.9	1876.9	*1865.0*	1832.0	1751.2	1640.5
7.5°	1565.6	1541.7	1574.6	1652.4	1709.3	1817.1	1903.9	*1921.8*	1927.8	1876.9	1715.3
10°	1299.2	1296.2	1308.2	1380.0	1457.9	1610.5	1814.1	*1885.9*	1942.8	1969.7	1787.1
12.5°	1137.5	1134.5	1146.5	1185.4	1269.3	1401.0	1625.5	*1763.2*	1897.9	2026.6	1862.0
15°	1056.7	1053.7	1059.7	1092.6	1146.5	1257.3	1454.9	*1607.5*	1808.1	2068.5	1933.8
17.5°	1017.8	1008.8	1008.8	1035.8	1083.7	1173.5	1362.1	*1487.8*	1697.3	2119.4	2017.6
20°	990.9	987.9	984.9	1005.8	1050.7	1143.5	1293.2	*1424.9*	1610.5	2161.3	2077.5
22.5°	1008.8	1011.8	1002.8	1014.8	1056.7	1134.5	1266.3	*1383.0*	1565.6	2164.3	2149.4
25°	1086.7	1071.7	1059.7	1059.7	1089.6	1155.5	1269.3	*1368.0*	1541.7	2143.4	2221.2
27.5°	1209.4	1197.4	1176.5	1152.5	1164.5	1203.4	1305.2	*1386.0*	1535.7	2143.4	2281.1
30°	1454.9	1427.9	1377.0	1308.2	1284.2	1293.2	1362.1	*1427.9*	1562.6	2164.3	2340.9
32.5°	1871.0	1841.0	1727.3	1604.5	1484.8	1433.9	1463.8	*1505.7*	1616.5	2170.3	2409.8
35°	2454.7	2415.8	2278.1	2026.6	1787.1	1637.5	1601.5	*1634.5*	1715.3	2221.2	2484.6
37.5°	3050.4	3041.4	2873.8	2589.4	2230.2	1966.8	1808.1	*1793.1*	1847.0	2314.0	2595.4
40°	3610.2	3574.3	3418.6	3158.2	2799.0	2397.8	2092.5	*2035.6*	2035.6	2424.8	2718.1
42.5°	4008.3	3945.5	3810.8	3616.2	3349.8	2906.7	2487.6	*2361.9*	2275.1	2601.4	2906.7
45°	4131.1	4101.1	4053.2	3969.4	3777.8	3481.5	2999.5	*2766.0*	2598.4	2804.9	3038.4
47.5°	3978.4	3954.5	4005.3	4161.0	4113.1	3933.5	3577.3	*3271.9*	2981.6	3026.5	3188.1
50°	3227.0	3263.0	3694.0	4074.2	4274.8	4364.6	4092.2	*3768.9*	3400.7	3242.0	3328.8
52.5°	2658.3	2691.2	2855.8	3658.1	4190.9	4628.0	4601.1	*4247.8*	3813.8	3451.5	3439.6
55°	1954.8	1996.7	2176.3	2807.9	3741.9	4637.0	5059.1	*4738.8*	4128.1	3589.2	3511.4
57.5°	1101.6	1122.6	1377.0	1805.1	2915.7	4244.8	5316.5	*5148.9*	4481.3	3685.0	3511.4
60°	*323.3*	*320.3*	*437.1*	*910.0*	*1811.1*	*3421.6*	*5115.9*	*5319.5*	*4867.5*	*3747.9*	*3448.6*
62.5°	209.5	209.5	215.5	359.2	832.2	2002.7	4484.3	*5062.1*	4897.4	3631.2	3086.3
65°	161.7	161.7	161.7	242.5	395.1	960.9	3242.0	*3948.5*	4131.1	3424.6	2921.7
67.5°	134.7	134.7	134.7	176.6	251.5	422.1	1457.9	*2637.3*	3230.0	3391.7	2837.9
70°	113.8	110.8	113.8	140.7	176.6	239.5	556.8	*1344.1*	2131.4	2864.8	2583.4
72.5°	92.8	89.8	92.8	110.8	128.7	149.7	185.6	*476.0*	1083.7	2110.4	1933.8
75°	62.9	62.9	68.9	77.8	89.8	101.8	92.8	*149.7*	413.1	1020.8	844.2
77.5°	47.9	47.9	50.9	56.9	59.9	68.9	56.9	*65.9*	125.7	251.5	167.6
80°	18.0	21.0	35.9	41.9	35.9	38.9	32.9	*38.9*	50.9	89.8	62.9
82.5°	6.0	6.0	23.9	21.0	23.9	18.0	18.0	*21.0*	26.9	44.9	21.0
85°	3.0	3.0	9.0	9.0	12.0	9.0	9.0	*12.0*	15.0	18.0	9.0
87.5°	0.0	0.0	0.0	0.0	0.0	3.0	3.0	*3.0*	3.0	3.0	3.0
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-AFL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6	1556.6
2.5°	1556.6	1535.7	1490.8	1451.9	1415.9	1383.0	1368.0	1338.1	1332.1	1341.1	1332.1
5°	1580.6	1535.7	1439.9	1353.1	1293.2	1236.3	1179.5	1143.5	1116.6	1104.6	1098.6
7.5°	1622.5	1535.7	1401.0	1287.2	1185.4	1074.7	966.9	895.1	820.2	799.3	775.3
10°	1664.4	1550.7	1377.0	1218.4	1044.7	847.2	658.6	517.9	437.1	389.2	395.1
12.5°	1703.3	1562.6	1350.1	1125.6	826.2	553.8	338.3	260.4	230.5	218.5	212.5
15°	1745.2	1574.6	1302.2	978.9	580.7	299.4	215.5	179.6	167.6	161.7	158.7
17.5°	1784.1	1580.6	1245.3	772.3	335.3	203.6	161.7	149.7	143.7	140.7	140.7
20°	1823.1	1586.6	1158.5	556.8	230.5	158.7	143.7	134.7	128.7	125.7	125.7
22.5°	1850.0	1586.6	1020.8	350.2	170.6	140.7	131.7	122.7	116.7	113.8	113.8
25°	1894.9	1571.6	844.2	239.5	146.7	134.7	125.7	116.7	107.8	104.8	104.8
27.5°	1909.9	1553.6	670.6	185.6	134.7	125.7	116.7	107.8	98.8	95.8	95.8
30°	1933.8	1520.7	499.9	146.7	122.7	116.7	110.8	101.8	92.8	89.8	89.8
32.5°	1960.8	1478.8	344.3	134.7	113.8	107.8	101.8	92.8	86.8	86.8	86.8
35°	1999.7	1436.9	263.4	122.7	104.8	98.8	92.8	86.8	86.8	86.8	86.8
37.5°	2065.5	1407.0	218.5	119.7	101.8	92.8	86.8	89.8	95.8	98.8	98.8
40°	2152.4	1365.1	188.6	116.7	98.8	89.8	86.8	95.8	92.8	86.8	83.8
42.5°	2260.1	1326.1	176.6	119.7	98.8	86.8	86.8	89.8	77.8	68.9	68.9
45°	2343.9	1281.2	179.6	122.7	101.8	80.8	80.8	74.8	65.9	59.9	59.9
47.5°	2400.8	1200.4	185.6	128.7	98.8	77.8	71.8	68.9	56.9	56.9	56.9
50°	2451.7	1137.5	185.6	128.7	95.8	71.8	68.9	62.9	53.9	50.9	50.9
52.5°	2454.7	1062.7	167.6	125.7	89.8	65.9	65.9	53.9	47.9	44.9	44.9
55°	2409.8	990.9	149.7	113.8	80.8	59.9	59.9	47.9	44.9	41.9	41.9
57.5°	2343.9	868.1	125.7	92.8	71.8	56.9	50.9	44.9	41.9	41.9	38.9
60°	*2179.3*	*727.4*	*101.8*	*71.8*	*62.9*	*50.9*	*47.9*	*41.9*	*38.9*	*35.9*	*35.9*
62.5°	1829.0	547.8	77.8	59.9	56.9	47.9	44.9	38.9	35.9	29.9	26.9
65°	1733.3	470.0	59.9	47.9	47.9	41.9	38.9	35.9	26.9	18.0	18.0
67.5°	1607.5	269.4	47.9	35.9	38.9	35.9	32.9	29.9	23.9	15.0	15.0
70°	1368.0	119.7	38.9	29.9	35.9	32.9	26.9	26.9	18.0	12.0	12.0
72.5°	841.2	59.9	29.9	23.9	29.9	18.0	23.9	21.0	15.0	9.0	6.0
75°	302.3	41.9	21.0	18.0	18.0	15.0	18.0	15.0	9.0	6.0	3.0
77.5°	95.8	32.9	15.0	12.0	9.0	9.0	12.0	9.0	3.0	3.0	0.0
80°	41.9	23.9	9.0	6.0	6.0	6.0	6.0	3.0	0.0	0.0	0.0
82.5°	15.0	18.0	6.0	6.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0
85°	6.0	6.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	3.0	3.0	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

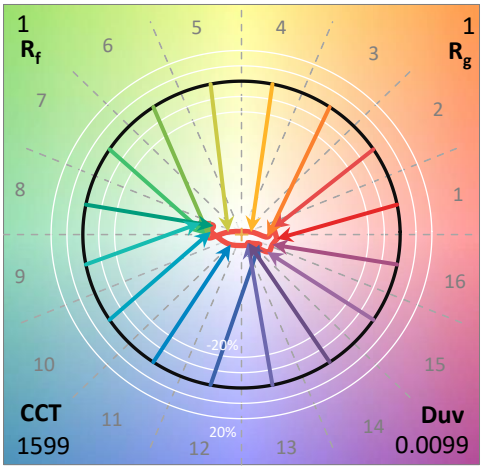
Test Information

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

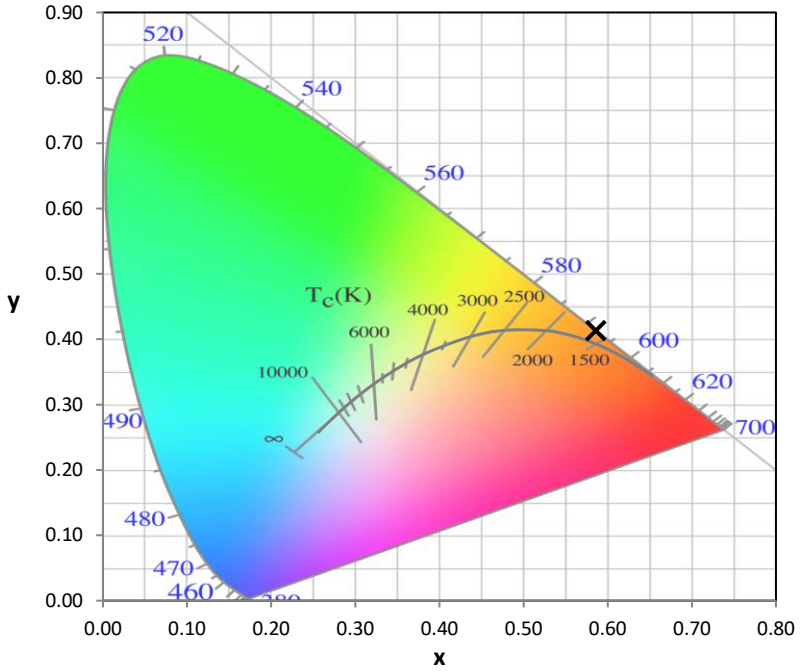
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

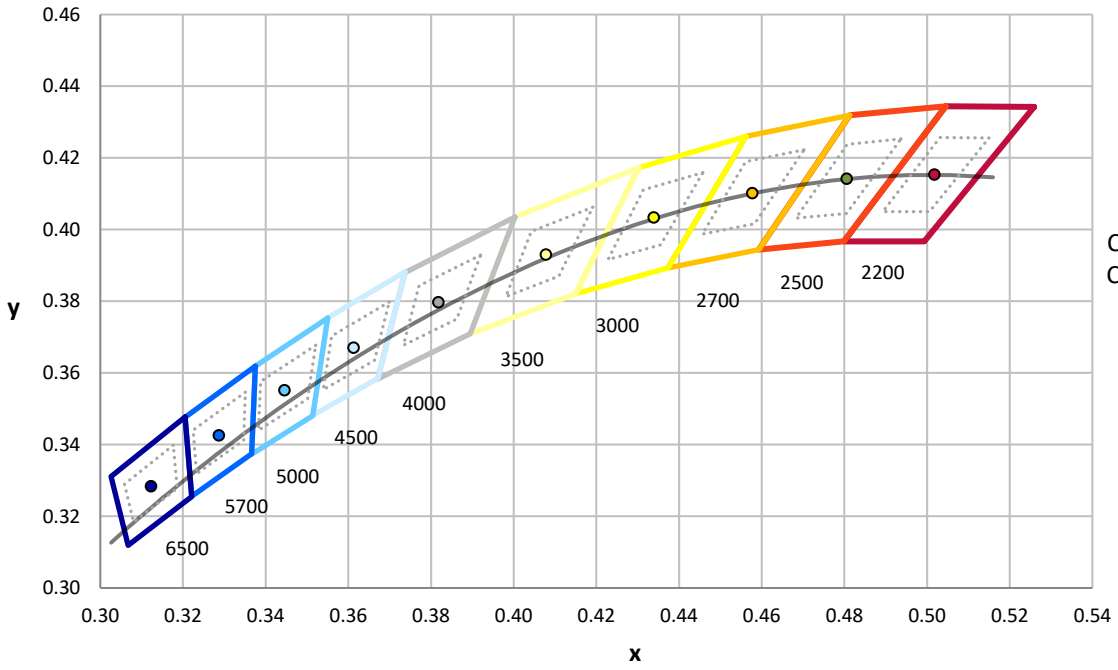
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

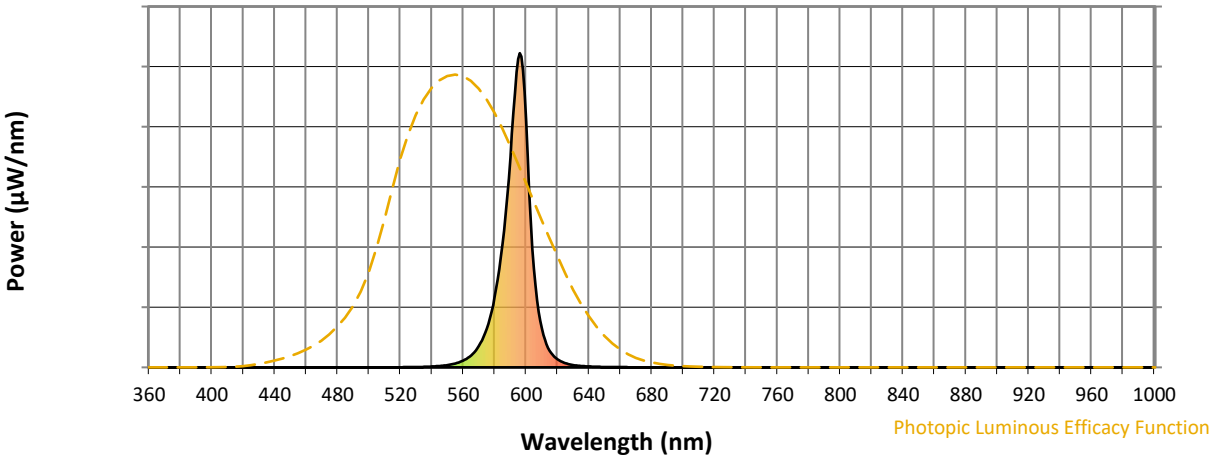


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

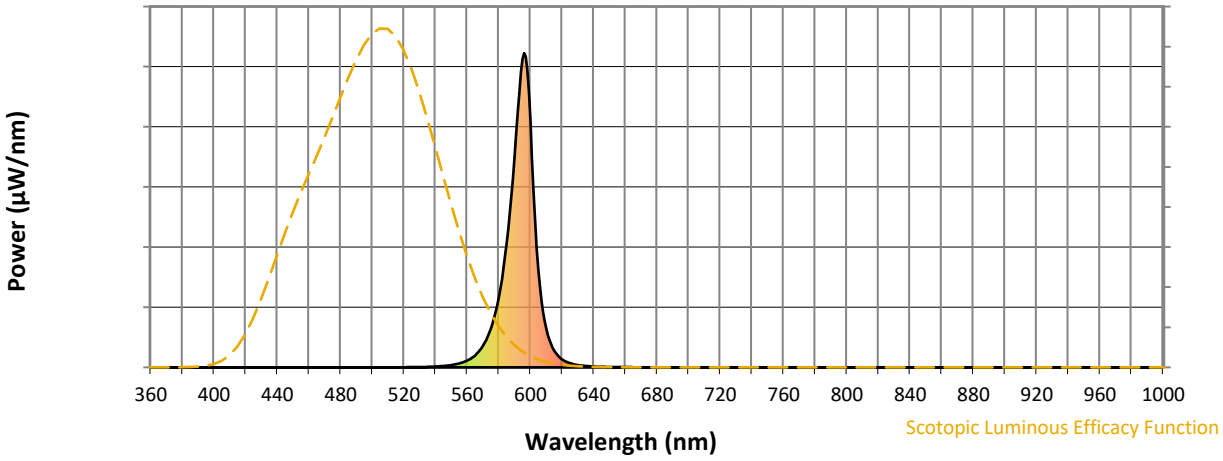


Photopic Lumens: NR

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

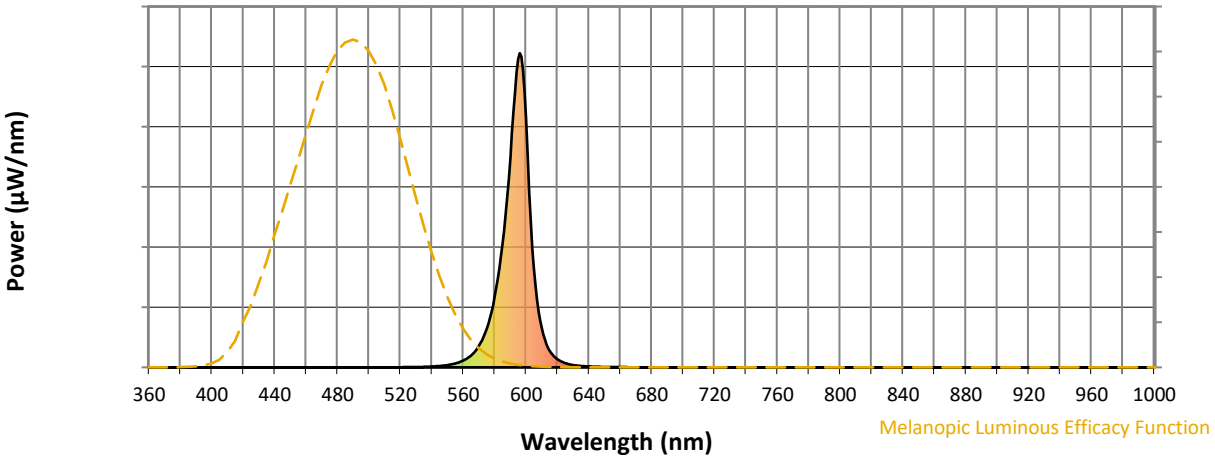


Scotopic Lumens: NR **S/P: 0.23**

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			

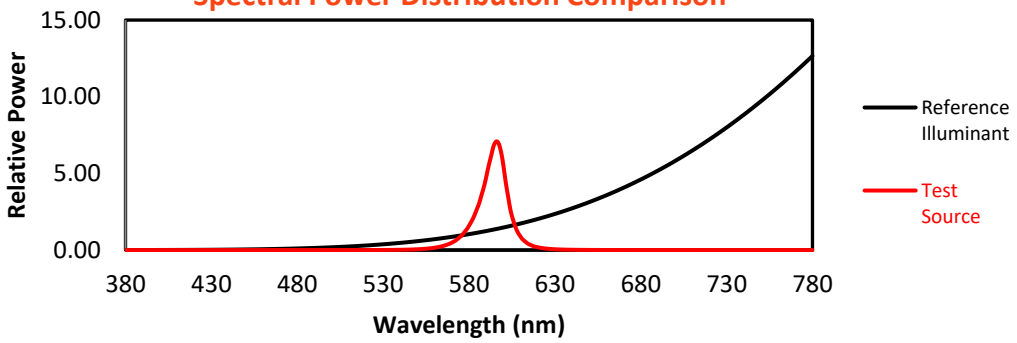
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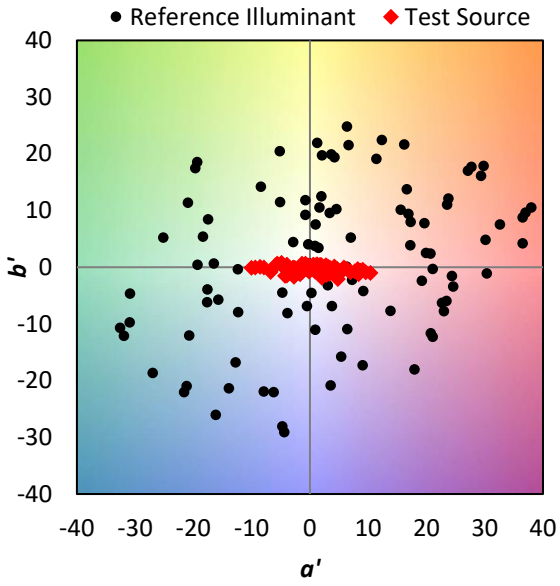
Summary

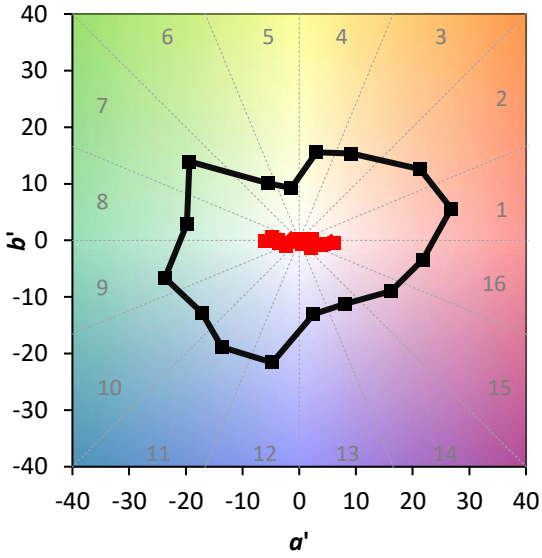
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

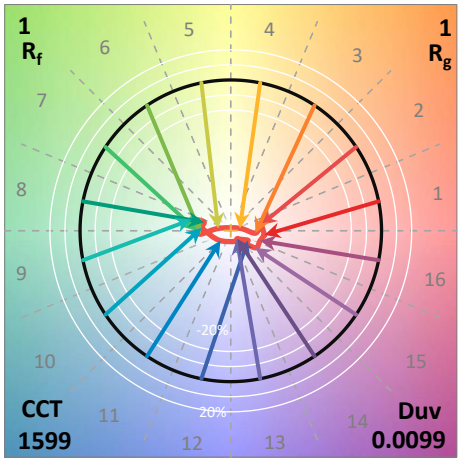
Spectral Power Distribution Comparison

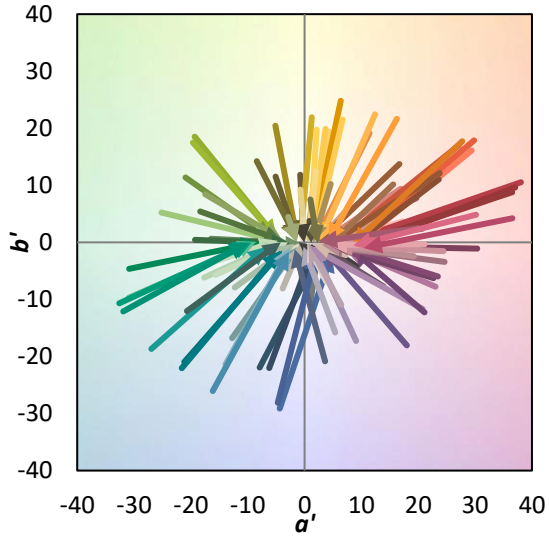


Color Vector Graphics







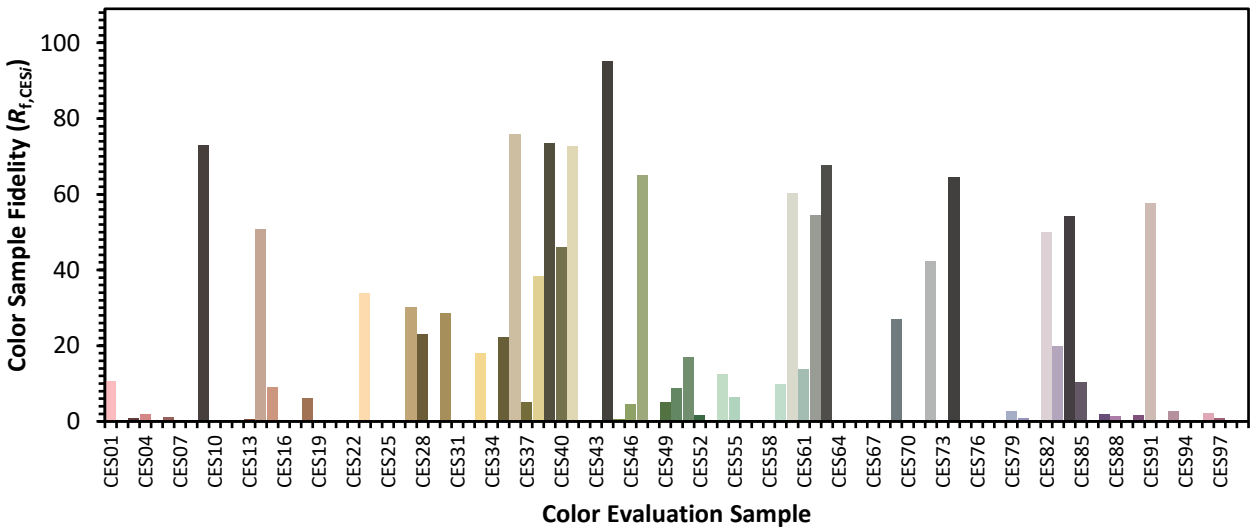


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Individual Sample Fidelity Index ($R_{f,i}$)

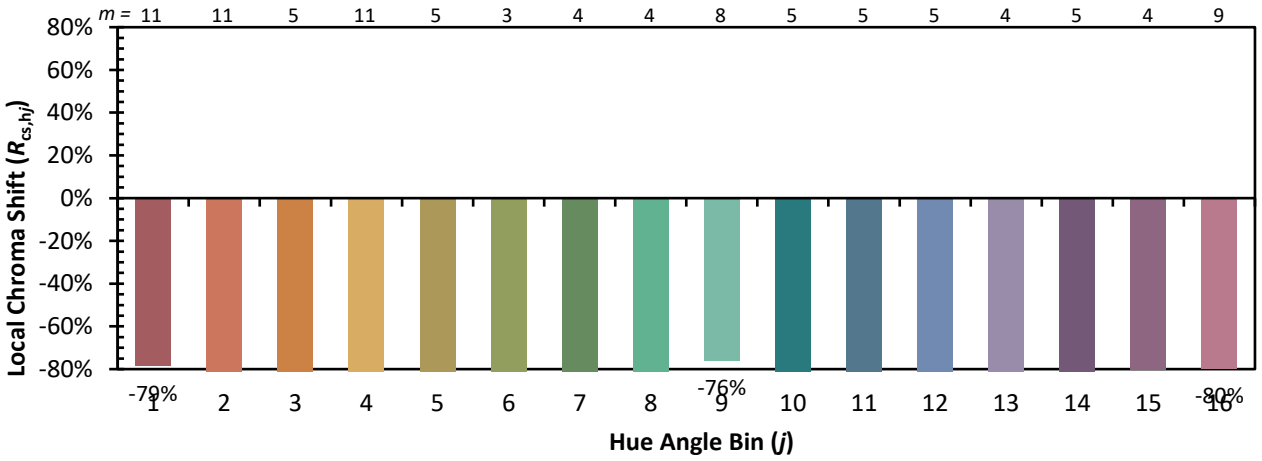
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

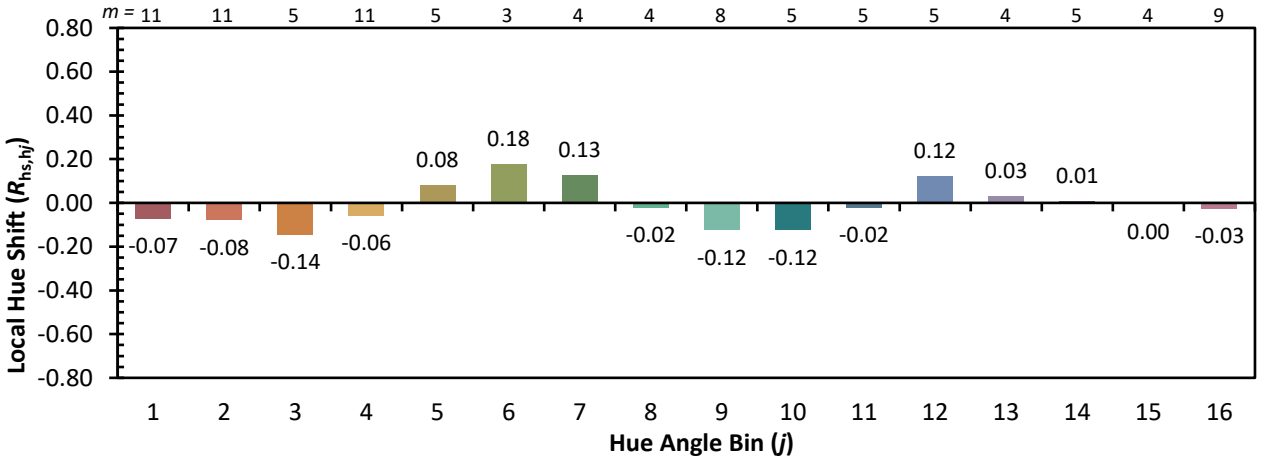


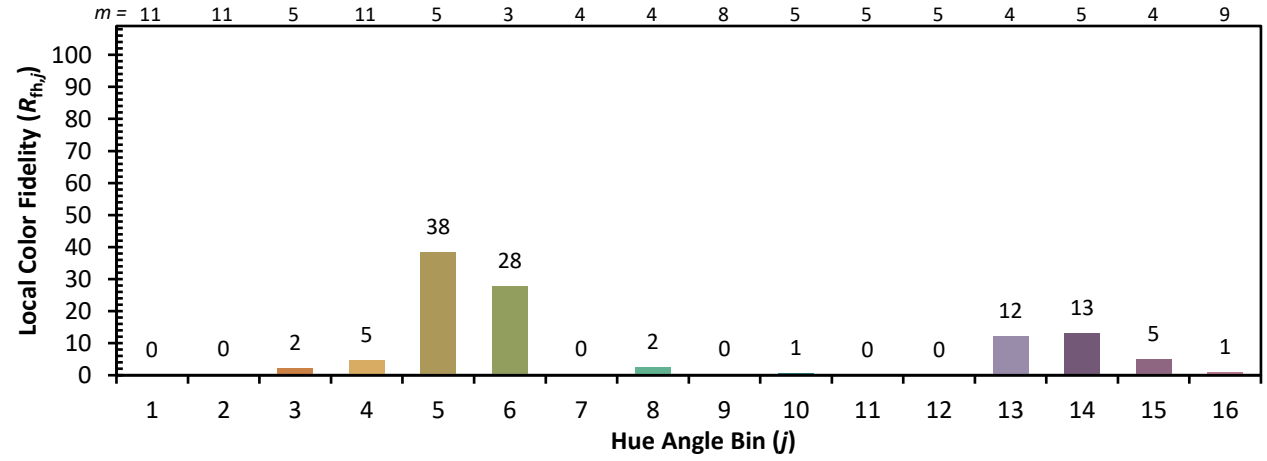
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Color Rendition by Hue-Angle Bin



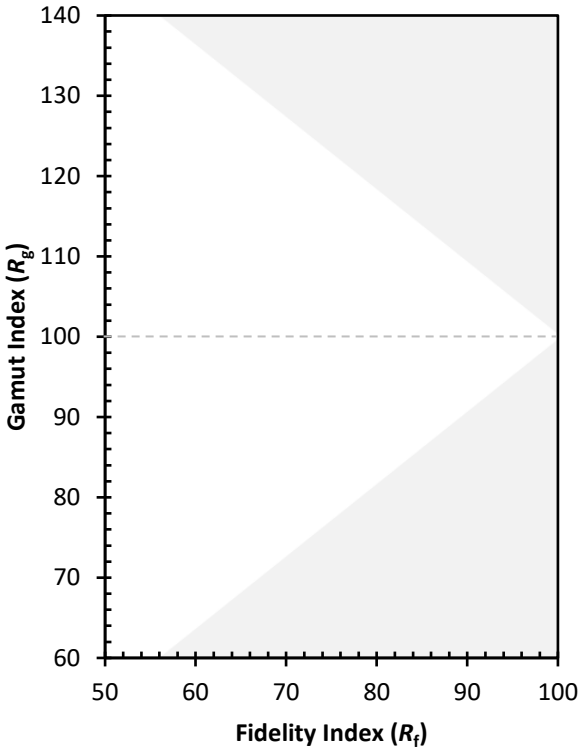


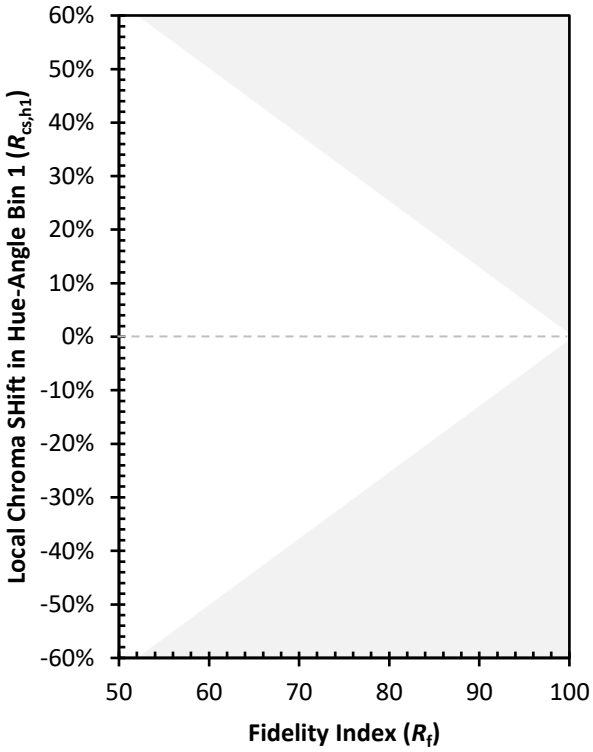


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Measure Comparisons





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