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

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
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6619.4 lumens
Efficiency:	N/A
Efficacy:	65.5 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

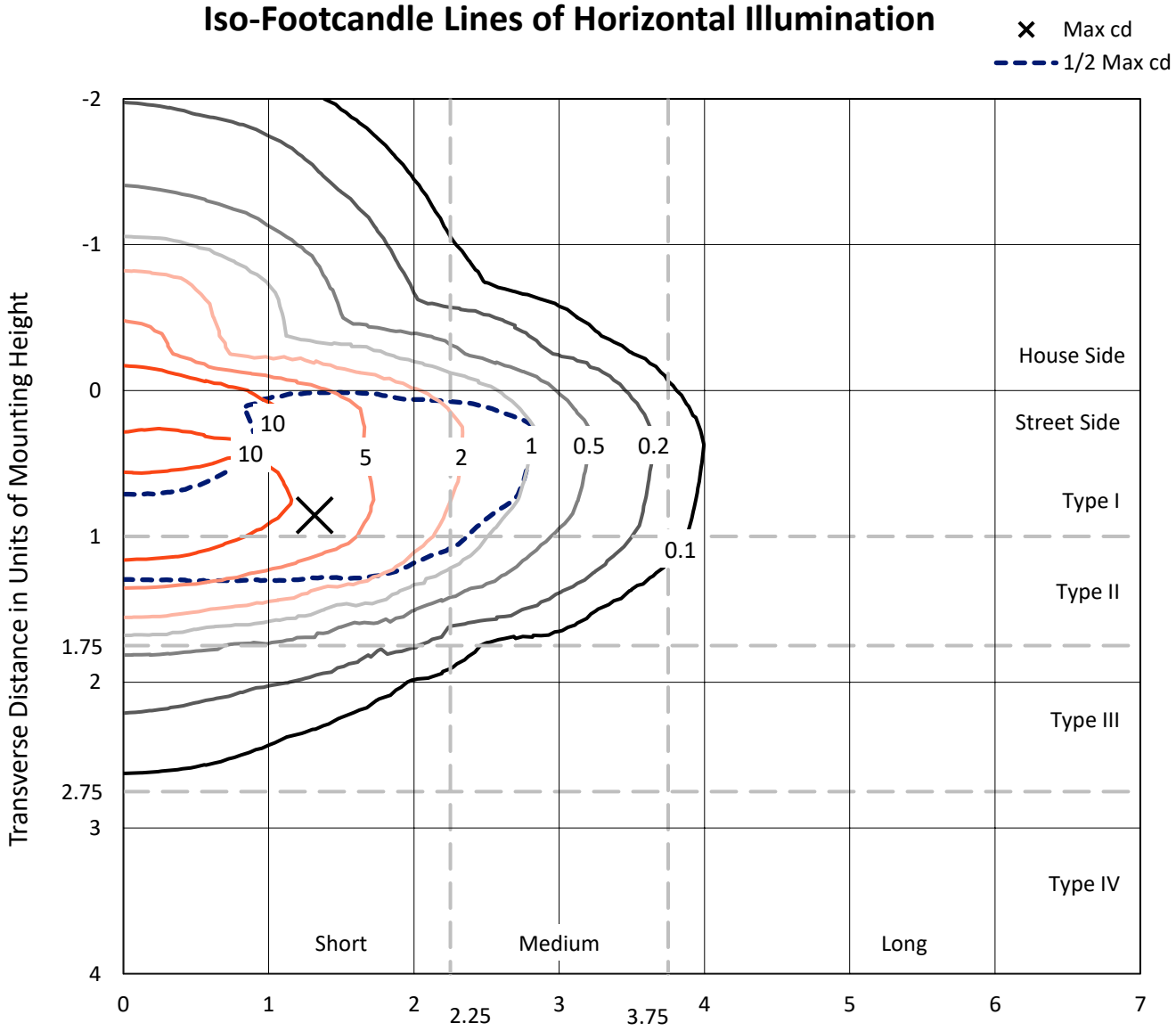


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



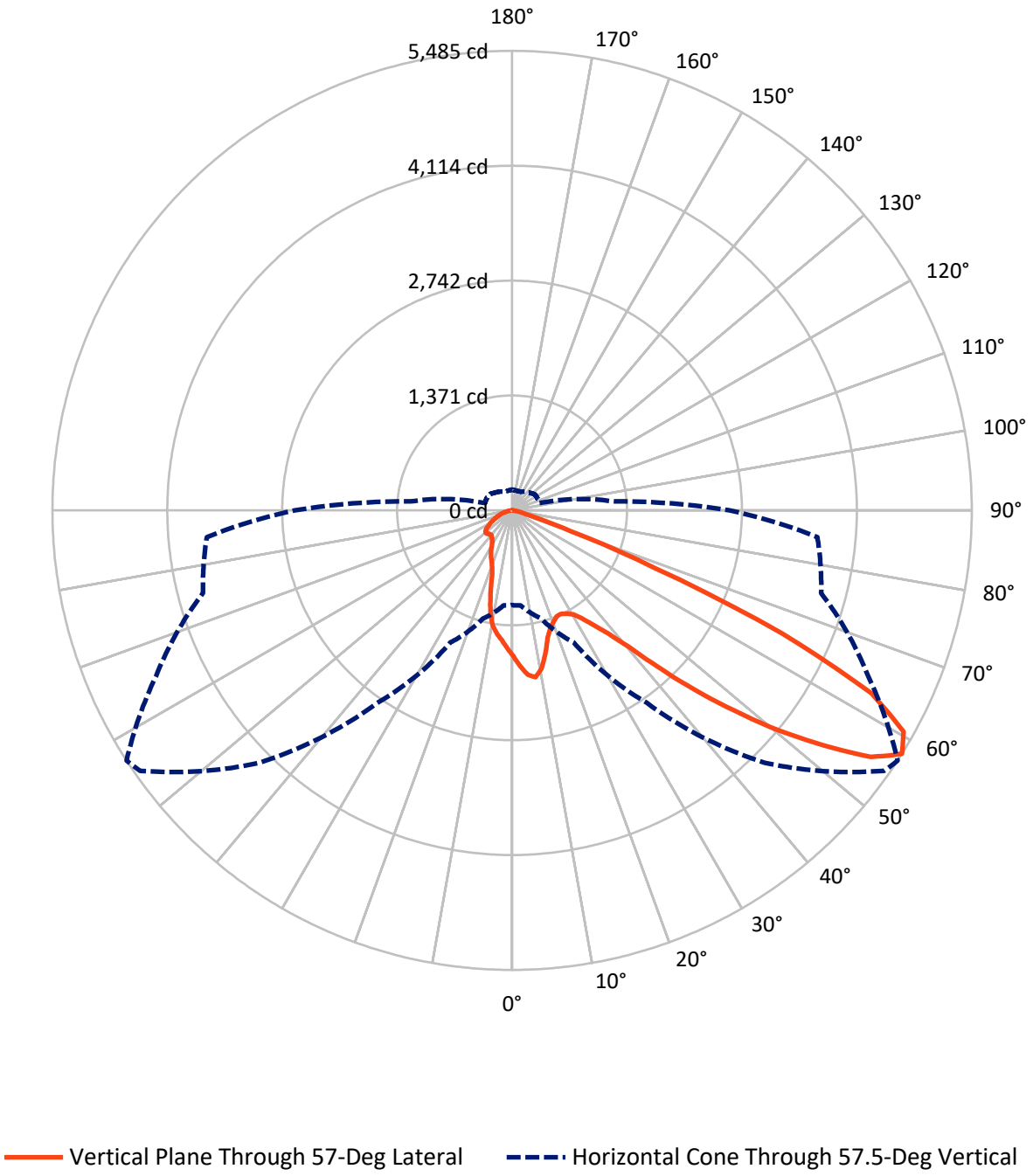
Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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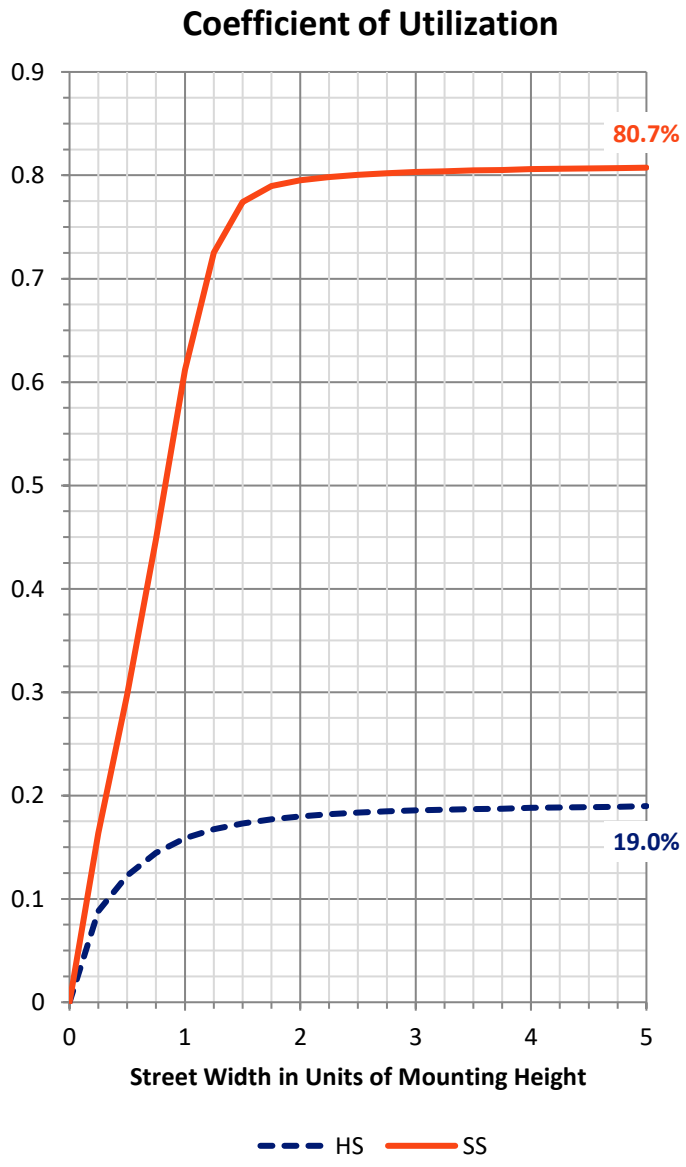
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1267.4	0.0	1267.4
	% Fixture	19.1	0.0	19.1
Street Side	Lumens	5352.0	0.0	5352.0
	% Fixture	80.9	0.0	80.9
Total	Lumens	6619.4	0.0	6619.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.2	2.4
10°-20°	364.1	5.5
20°-30°	537.7	8.1
30°-40°	871.4	13.2
40°-50°	1538.4	23.2
50°-60°	1741.4	26.3
60°-70°	1074.9	16.2
70°-80°	304.8	4.6
80°-90°	30.5	0.5
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°	6619.4	100.0
0°-180°	6619.4	100.0



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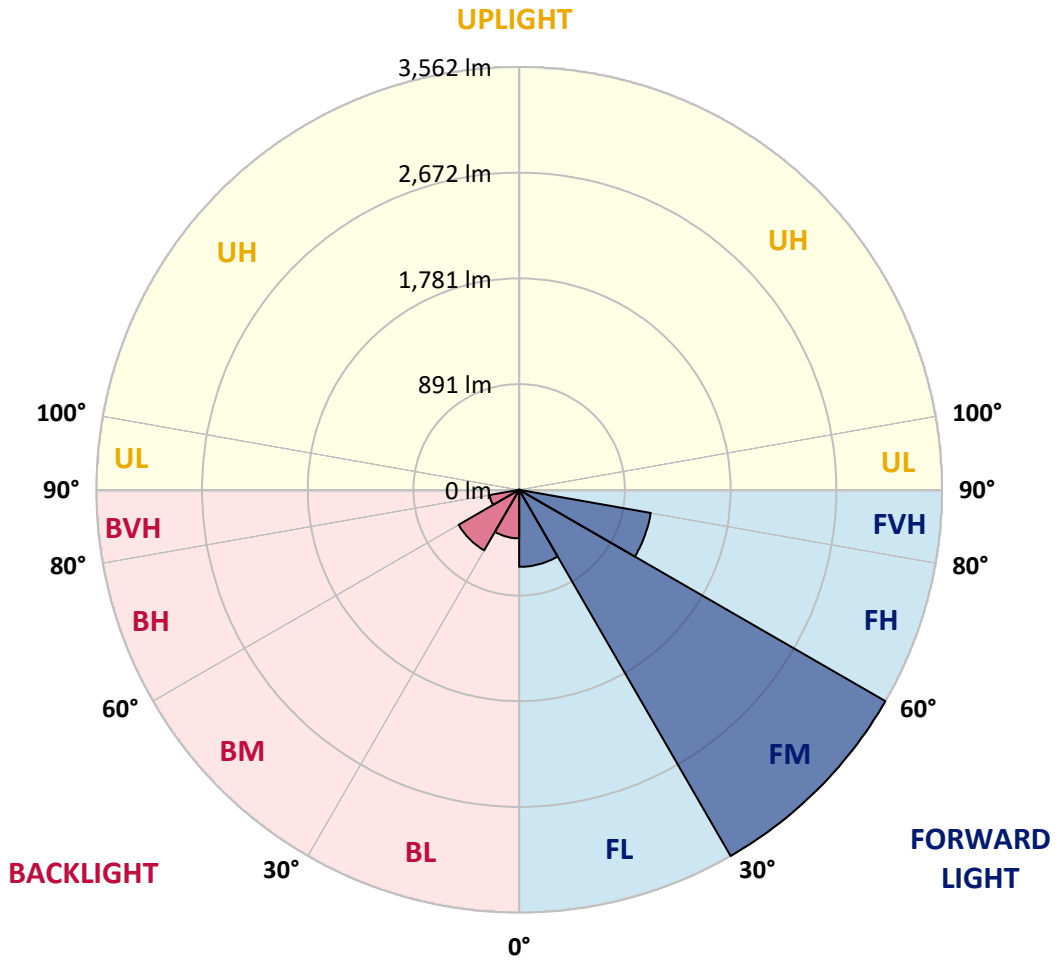
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	649.1	9.8			
FM	(30°-60°)	3562.3	53.8			
FH	(60°-80°)	1126.0	17.0			G1/1800
FVH	(80°-90°)	14.6	0.2			G1/100
BL	(0°-30°)	408.9	6.2	B1/500		
BM	(30°-60°)	588.9	8.9	B1/1000		
BH	(60°-80°)	253.7	3.8	B1/500		G1/500
BVH	(80°-90°)	15.9	0.2			G1/100
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°	57°	65°	75°	85°
0°	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5
2.5°	1963.0	1948.0	1933.0	1912.1	1897.1	1885.2	1858.2	1861.2	1822.3	1798.4	1759.5
5°	1954.0	1936.0	1945.0	1960.0	1974.9	1974.9	1980.9	1971.9	1948.0	1885.2	1813.4
7.5°	1633.8	1621.8	1657.7	1708.6	1804.4	1912.1	1995.9	2010.8	2031.8	1992.9	1876.2
10°	1367.5	1358.5	1370.5	1433.3	1529.1	1696.7	1885.2	1924.1	2040.8	2073.7	1954.0
12.5°	1199.9	1193.9	1202.9	1247.8	1328.6	1466.2	1705.6	1759.5	2001.9	2130.5	2016.8
15°	1122.1	1119.1	1125.1	1158.0	1205.9	1316.6	1529.1	1579.9	1897.1	2187.4	2082.7
17.5°	1071.3	1068.3	1077.2	1098.2	1152.0	1238.8	1430.3	1478.2	1786.4	2223.3	2154.5
20°	1050.3	1044.3	1038.3	1068.3	1116.1	1202.9	1361.5	1415.4	1687.7	2259.2	2214.3
22.5°	1071.3	1062.3	1059.3	1077.2	1119.1	1205.9	1337.6	1370.5	1627.8	2265.2	2283.1
25°	1134.1	1137.1	1116.1	1119.1	1146.1	1211.9	1334.6	1367.5	1612.9	2250.2	2334.0
27.5°	1268.7	1259.8	1238.8	1223.9	1223.9	1259.8	1358.5	1397.4	1594.9	2238.3	2384.9
30°	1529.1	1505.1	1451.3	1388.4	1346.5	1361.5	1421.4	1439.3	1618.8	2253.2	2429.8
32.5°	1939.0	1939.0	1822.3	1672.7	1550.0	1499.2	1523.1	1538.1	1678.7	2256.2	2477.6
35°	2564.4	2561.4	2390.9	2109.6	1873.2	1717.6	1666.7	1681.7	1774.5	2304.1	2549.5
37.5°	3258.6	3210.8	3007.3	2699.1	2334.0	2040.8	1885.2	1867.2	1918.1	2396.9	2672.1
40°	3725.4	3686.5	3525.0	3276.6	2935.5	2489.6	2175.4	2136.5	2106.6	2513.6	2797.8
42.5°	4108.5	4081.5	3934.9	3752.4	3456.1	3073.1	2615.3	2555.4	2358.0	2705.1	2977.4
45°	4213.2	4174.3	4156.3	4081.5	3893.0	3593.8	3127.0	3049.2	2714.0	2902.6	3112.0
47.5°	4063.6	4057.6	4087.5	4246.1	4219.2	4078.5	3725.4	3575.8	3106.0	3124.0	3264.6
50°	3324.5	3339.4	3731.4	4129.4	4371.8	4497.5	4231.2	4132.4	3545.9	3357.4	3414.2
52.5°	2666.2	2705.1	2890.6	3641.7	4228.2	4739.8	4793.7	4659.1	3955.9	3578.8	3551.9
55°	1933.0	1969.0	2160.5	2785.9	3731.4	4695.0	5230.6	5194.7	4282.0	3734.4	3617.7
57.5°	1131.1	1137.1	1337.6	1738.5	2806.8	4261.1	5419.1	5484.9	4689.0	3818.2	3656.6
60°	499.7	511.7	592.5	936.6	1696.7	3342.4	5200.7	5368.2	5057.0	3878.1	3653.6
62.5°	362.1	359.1	371.0	433.9	864.8	1897.1	4434.6	4814.7	4955.3	3755.4	3369.4
65°	296.2	290.3	290.3	314.2	451.8	909.7	3007.3	3539.9	4210.2	3608.7	3291.6
67.5°	251.4	248.4	248.4	251.4	308.2	439.9	1373.5	1831.3	3165.9	3477.1	3282.6
70°	206.5	206.5	209.5	206.5	230.4	275.3	538.6	736.1	1960.0	2857.7	2908.5
72.5°	173.6	170.6	173.6	173.6	176.5	188.5	218.4	275.3	963.5	2001.9	2061.7
75°	128.7	131.7	134.7	137.6	131.7	137.6	134.7	146.6	365.1	999.4	990.5
77.5°	98.7	98.7	107.7	104.7	89.8	95.8	95.8	98.7	143.6	242.4	290.3
80°	80.8	77.8	83.8	77.8	65.8	62.8	62.8	62.8	71.8	104.7	104.7
82.5°	35.9	41.9	56.9	47.9	41.9	35.9	35.9	35.9	44.9	56.9	38.9
85°	12.0	15.0	20.9	23.9	18.0	15.0	15.0	18.0	23.9	23.9	15.0
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	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

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

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5	1738.5
2.5°	1747.5	1726.6	1696.7	1663.7	1639.8	1615.9	1591.9	1579.9	1568.0	1574.0	1577.0
5°	1774.5	1726.6	1654.8	1588.9	1544.0	1502.1	1460.3	1421.4	1391.4	1397.4	1403.4
7.5°	1807.4	1747.5	1639.8	1553.0	1463.2	1376.5	1301.7	1232.8	1185.0	1161.0	1161.0
10°	1858.2	1768.5	1624.8	1502.1	1367.5	1196.9	1050.3	921.6	861.8	828.9	816.9
12.5°	1897.1	1786.4	1609.9	1424.3	1190.9	945.6	778.0	748.1	748.1	754.1	757.1
15°	1942.0	1795.4	1571.0	1292.7	957.5	736.1	721.2	739.1	766.0	775.0	775.0
17.5°	1974.9	1807.4	1502.1	1104.2	739.1	697.2	730.1	766.0	790.0	799.0	804.9
20°	2013.8	1807.4	1427.3	882.7	670.3	694.2	736.1	769.0	801.9	813.9	813.9
22.5°	2052.7	1798.4	1283.7	694.2	640.4	679.3	721.2	757.1	781.0	793.0	793.0
25°	2070.7	1780.4	1113.1	601.5	607.4	646.3	676.3	697.2	718.2	721.2	721.2
27.5°	2094.6	1750.5	909.7	538.6	559.6	586.5	601.5	604.5	610.4	613.4	613.4
30°	2094.6	1699.6	703.2	484.8	490.7	514.7	529.6	526.6	526.6	526.6	526.6
32.5°	2103.6	1648.8	553.6	439.9	445.9	472.8	493.7	493.7	487.7	487.7	493.7
35°	2130.5	1591.9	472.8	401.0	424.9	457.8	478.8	475.8	478.8	475.8	481.8
37.5°	2175.4	1541.0	421.9	377.0	407.0	445.9	466.8	472.8	478.8	475.8	478.8
40°	2256.2	1484.2	386.0	359.1	398.0	439.9	460.8	475.8	451.8	427.9	424.9
42.5°	2346.0	1427.3	365.1	353.1	395.0	436.9	451.8	430.9	377.0	353.1	350.1
45°	2414.8	1364.5	359.1	359.1	401.0	427.9	415.9	359.1	338.1	317.2	320.2
47.5°	2501.6	1292.7	359.1	377.0	415.9	418.9	347.1	332.1	308.2	293.2	293.2
50°	2552.5	1241.8	362.1	389.0	415.9	371.0	329.2	305.2	287.3	275.3	272.3
52.5°	2570.4	1211.9	362.1	386.0	407.0	332.1	308.2	284.3	266.3	263.3	263.3
55°	2597.3	1208.9	356.1	368.1	377.0	317.2	290.3	260.3	251.4	251.4	254.3
57.5°	*2591.4*	*1217.9*	*335.1*	*335.1*	*332.1*	*296.2*	*272.3*	*245.4*	*239.4*	*242.4*	*248.4*
60°	2540.5	1205.9	308.2	305.2	299.2	266.3	257.3	233.4	227.4	233.4	233.4
62.5°	2334.0	1089.2	272.3	269.3	263.3	236.4	239.4	230.4	215.4	218.4	221.4
65°	2360.9	1068.3	260.3	236.4	224.4	212.5	218.4	212.5	197.5	200.5	203.5
67.5°	2274.2	885.7	239.4	197.5	194.5	191.5	182.5	188.5	176.5	179.5	185.5
70°	1936.0	688.2	206.5	164.6	164.6	161.6	161.6	164.6	155.6	164.6	173.6
72.5°	1247.8	493.7	176.5	134.7	140.6	128.7	140.6	140.6	134.7	146.6	149.6
75°	649.3	362.1	143.6	107.7	107.7	104.7	113.7	113.7	113.7	125.7	128.7
77.5°	275.3	209.5	104.7	77.8	77.8	83.8	86.8	89.8	104.7	182.5	206.5
80°	125.7	104.7	65.8	47.9	50.9	56.9	62.8	65.8	155.6	146.6	143.6
82.5°	53.9	56.9	41.9	32.9	29.9	29.9	35.9	95.8	83.8	68.8	68.8
85°	15.0	20.9	18.0	12.0	12.0	12.0	18.0	32.9	26.9	26.9	23.9
87.5°	6.0	6.0	3.0	3.0	3.0	3.0	3.0	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

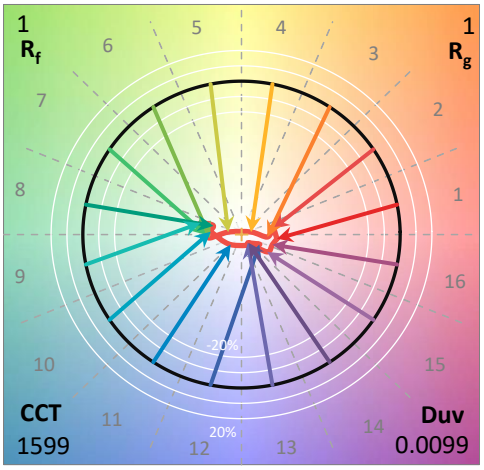
Test Information

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

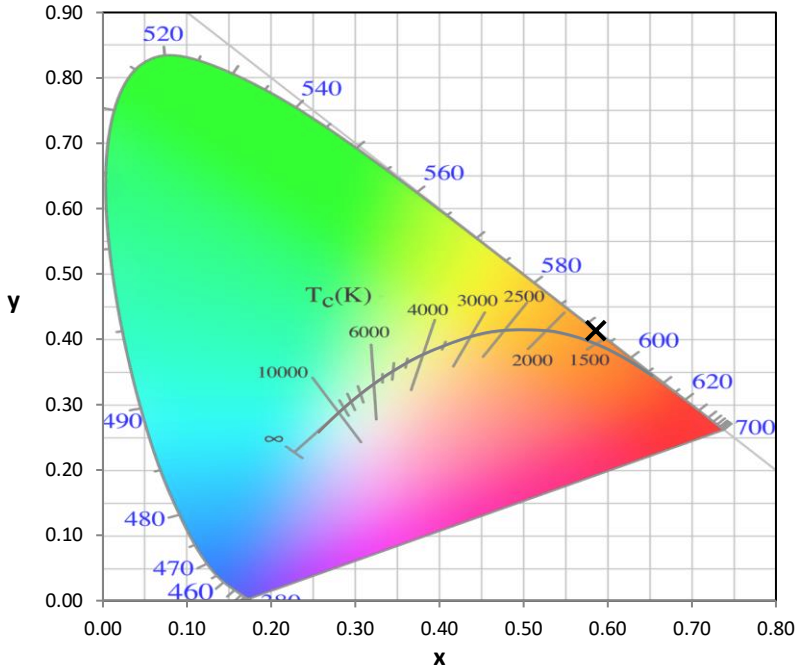
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

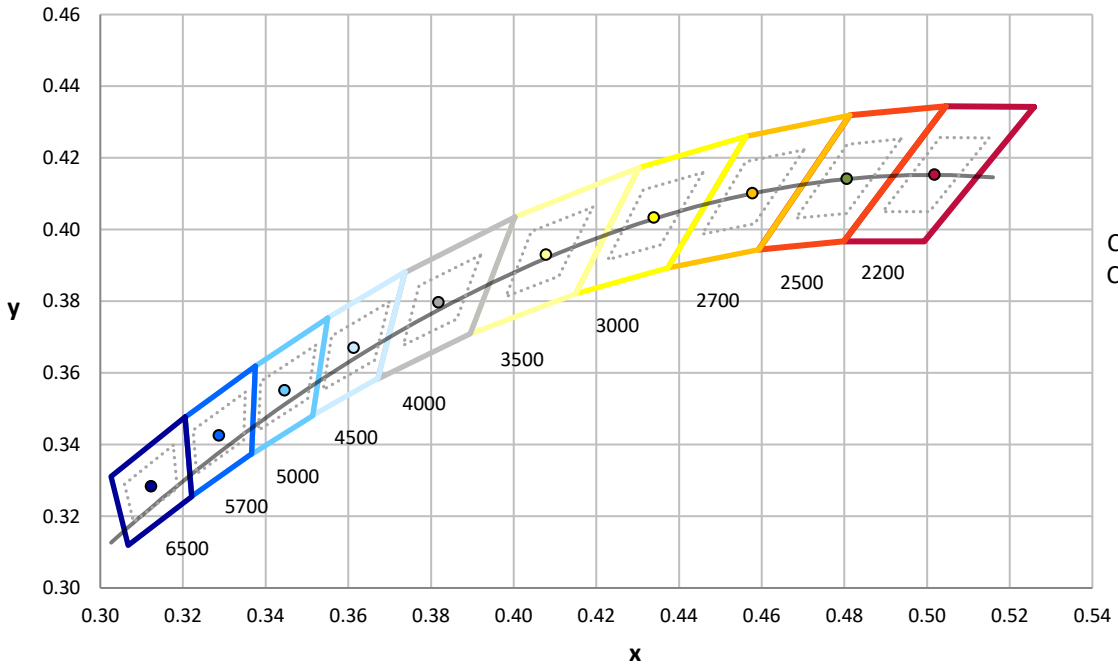
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

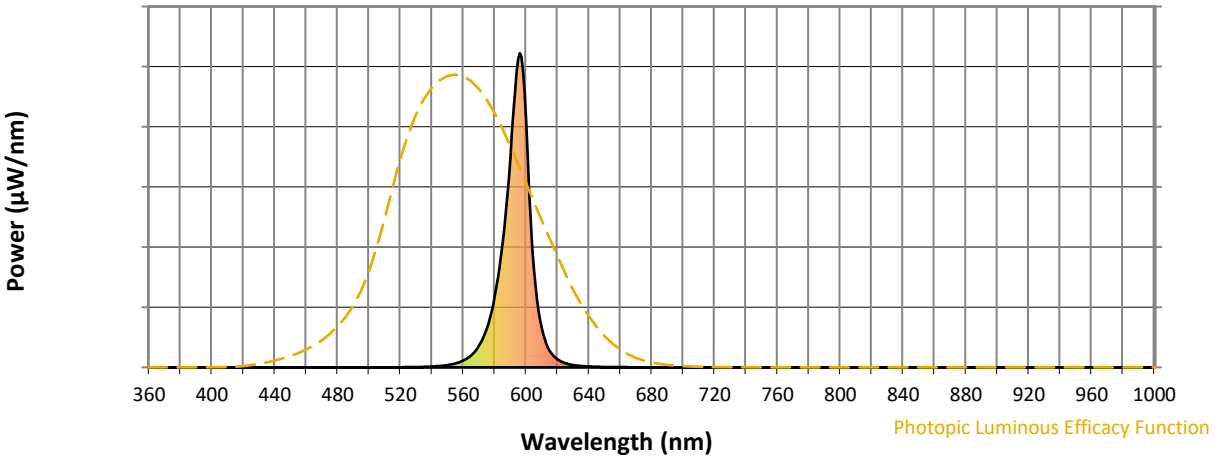


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

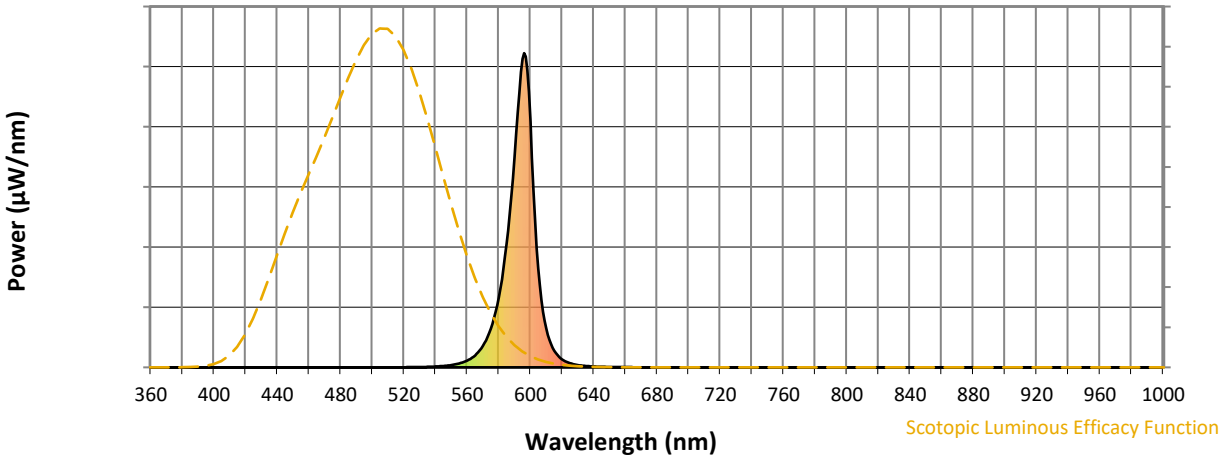


Photopic Lumens: NR

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

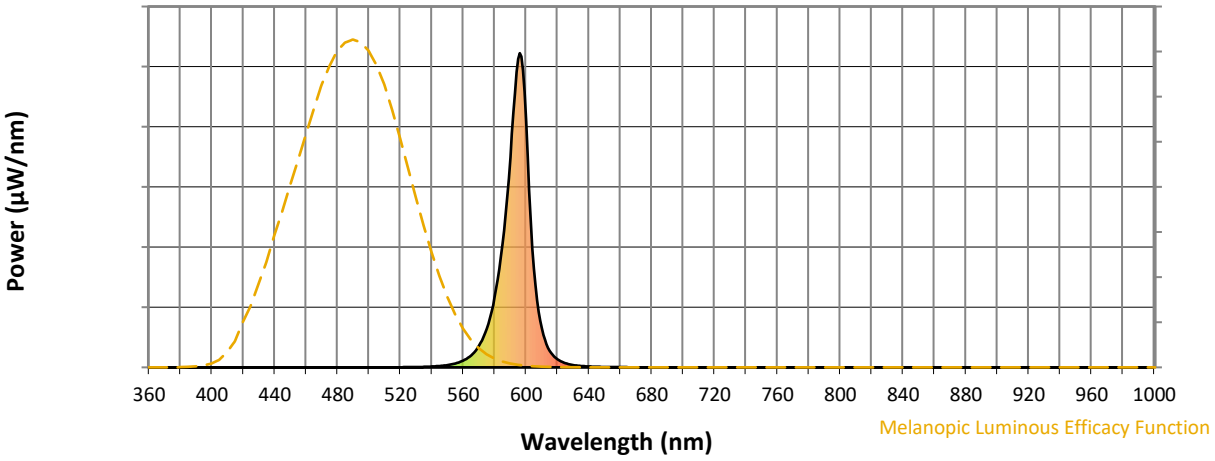


Scotopic Lumens: NR **S/P: 0.23**

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			

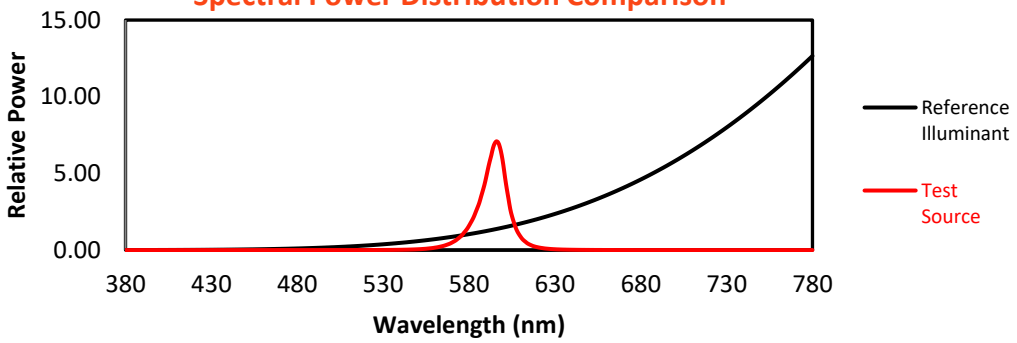
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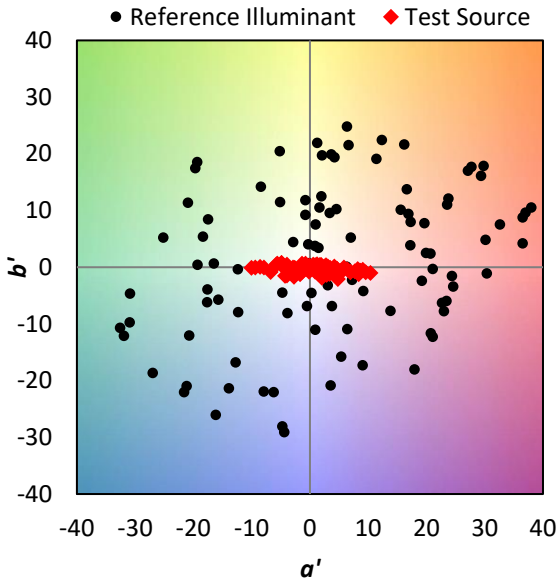
Summary

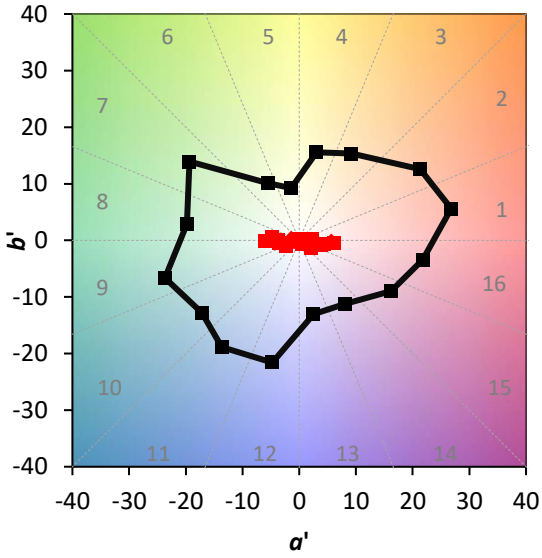
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

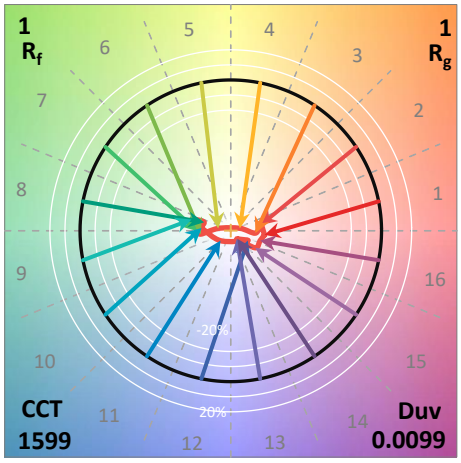
Spectral Power Distribution Comparison

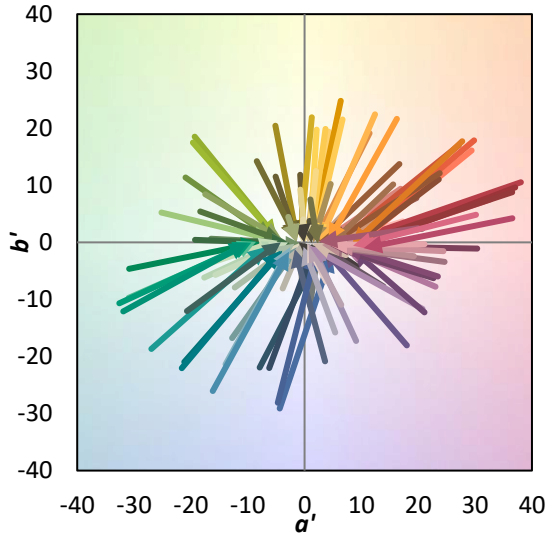


Color Vector Graphics







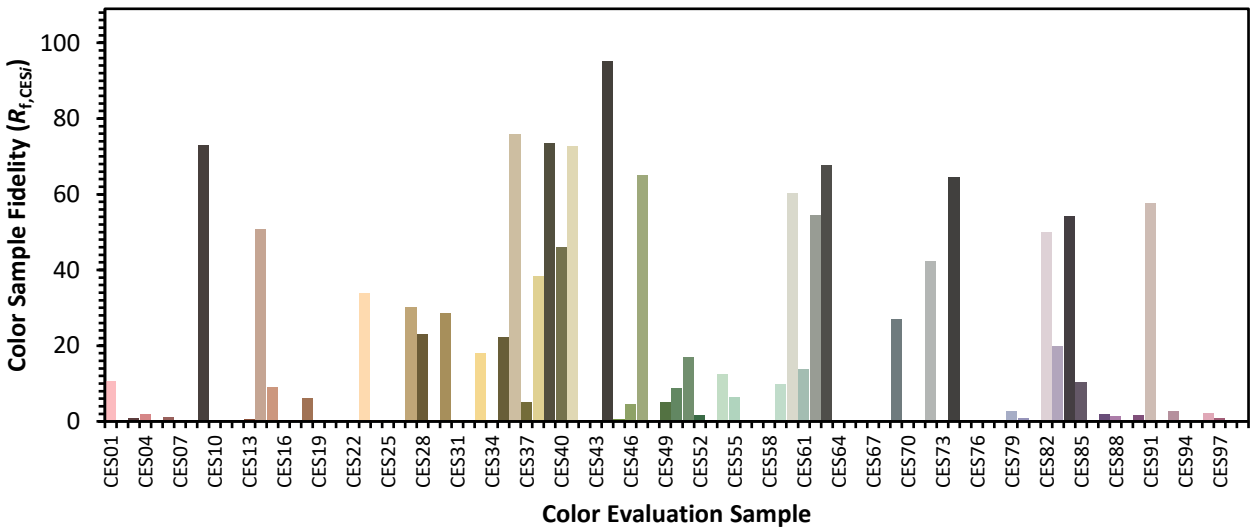


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Individual Sample Fidelity Index ($R_{f,i}$)

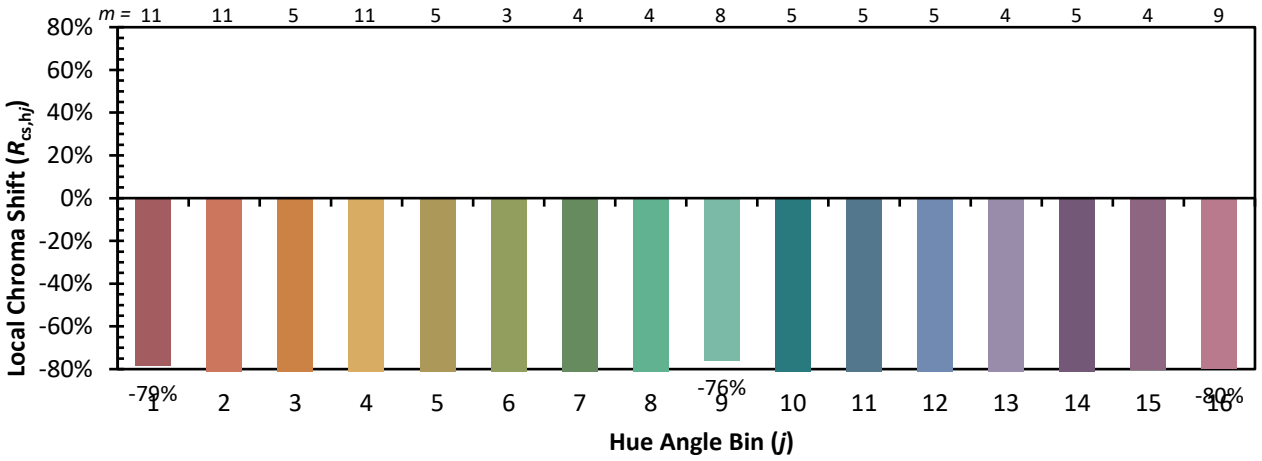
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

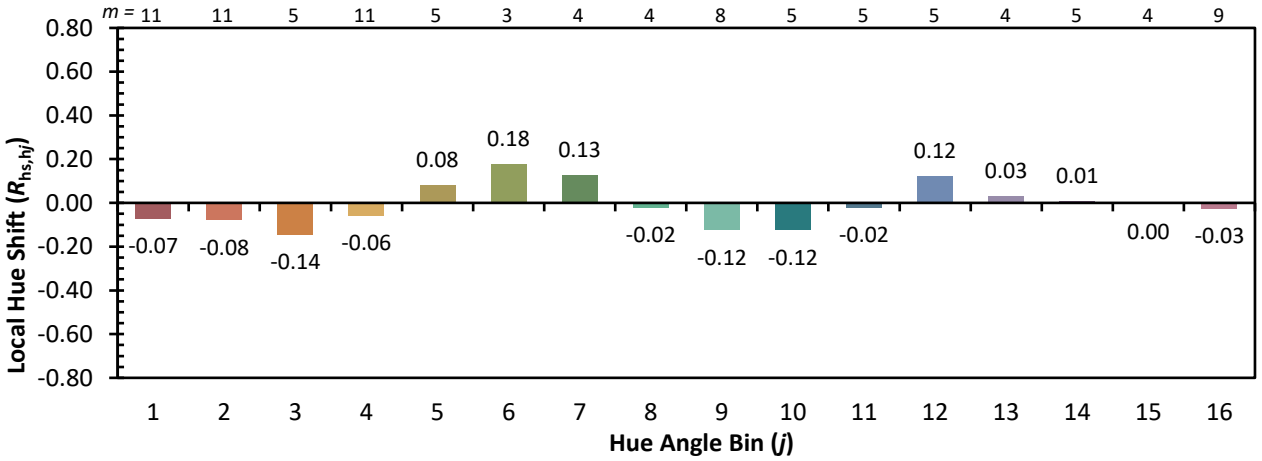


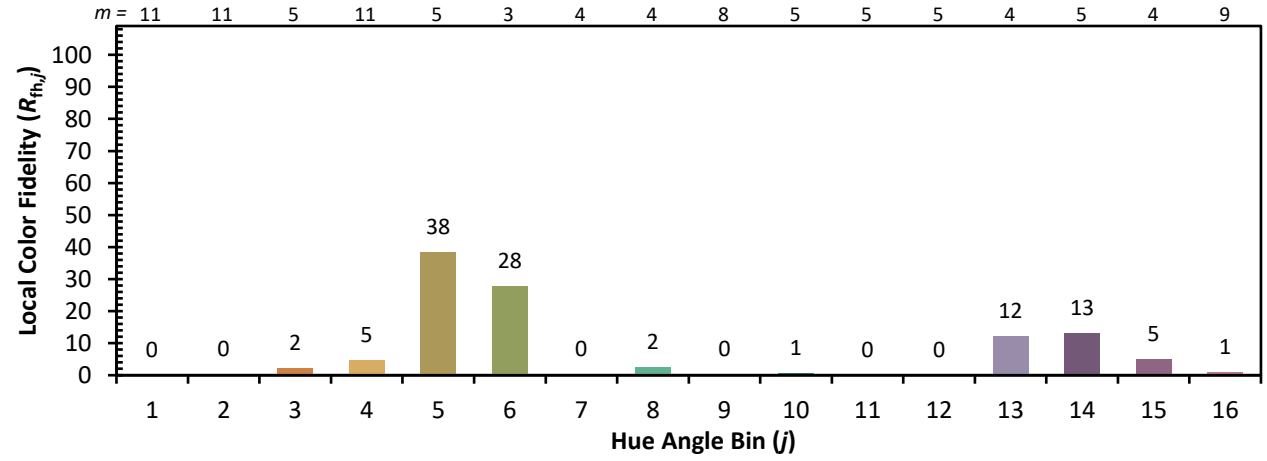
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Color Rendition by Hue-Angle Bin



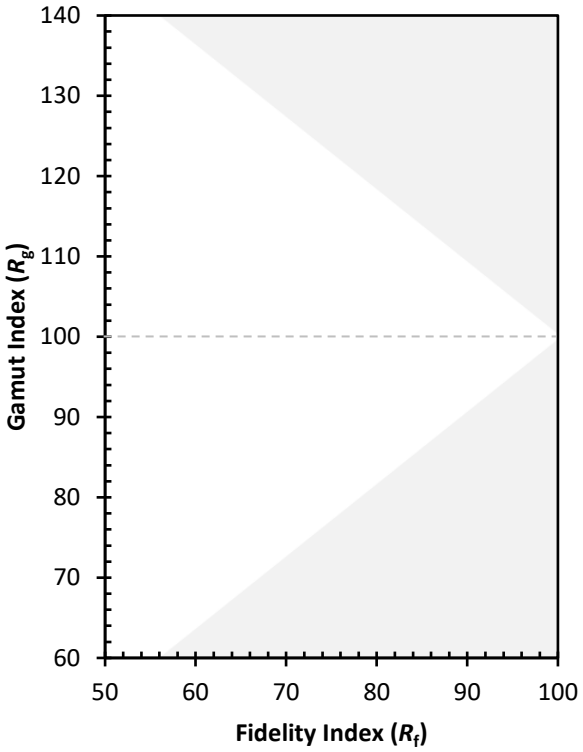


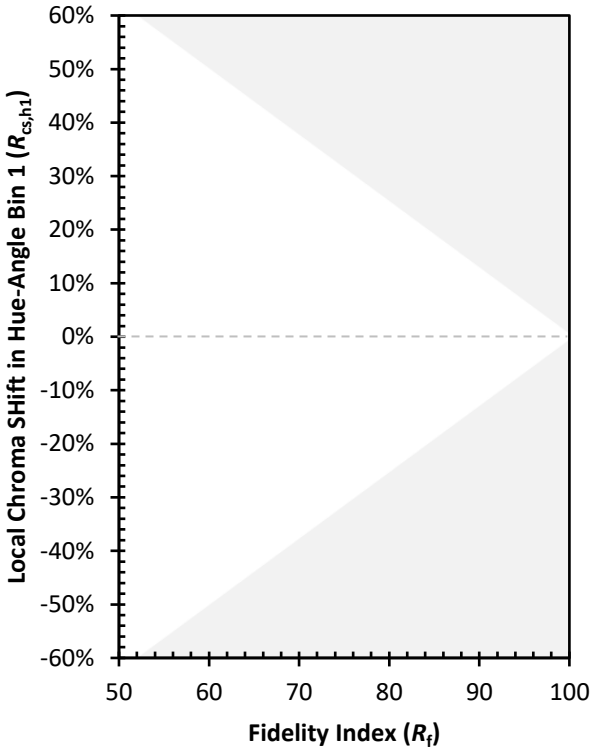


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Measure Comparisons





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