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-T4LG

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-T4LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 LOW GLARE DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6373.2 lumens
Efficiency:	N/A
Efficacy:	63.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

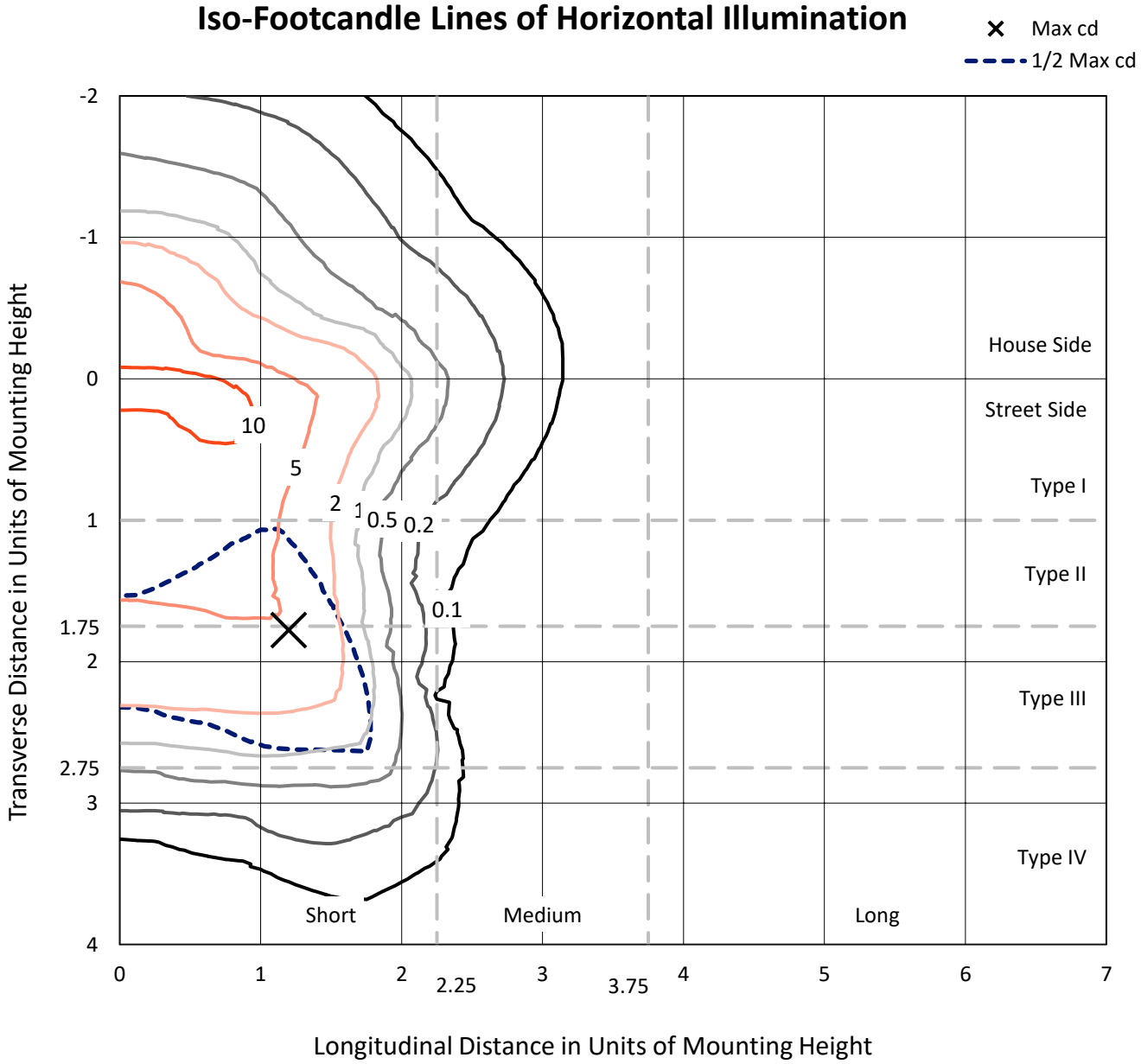


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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



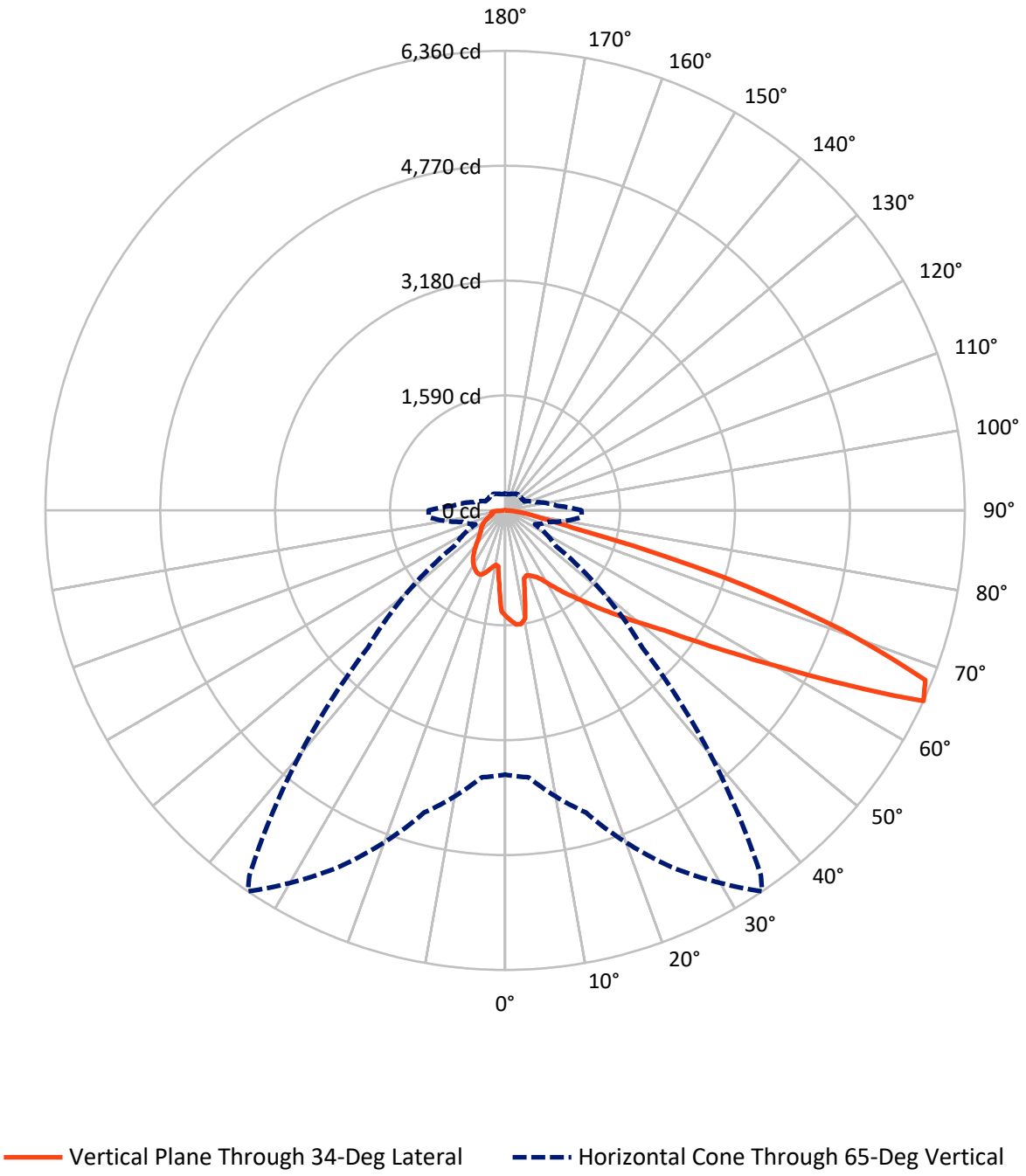
Based on 10 foot mounting height. Maximum calculated value = 15.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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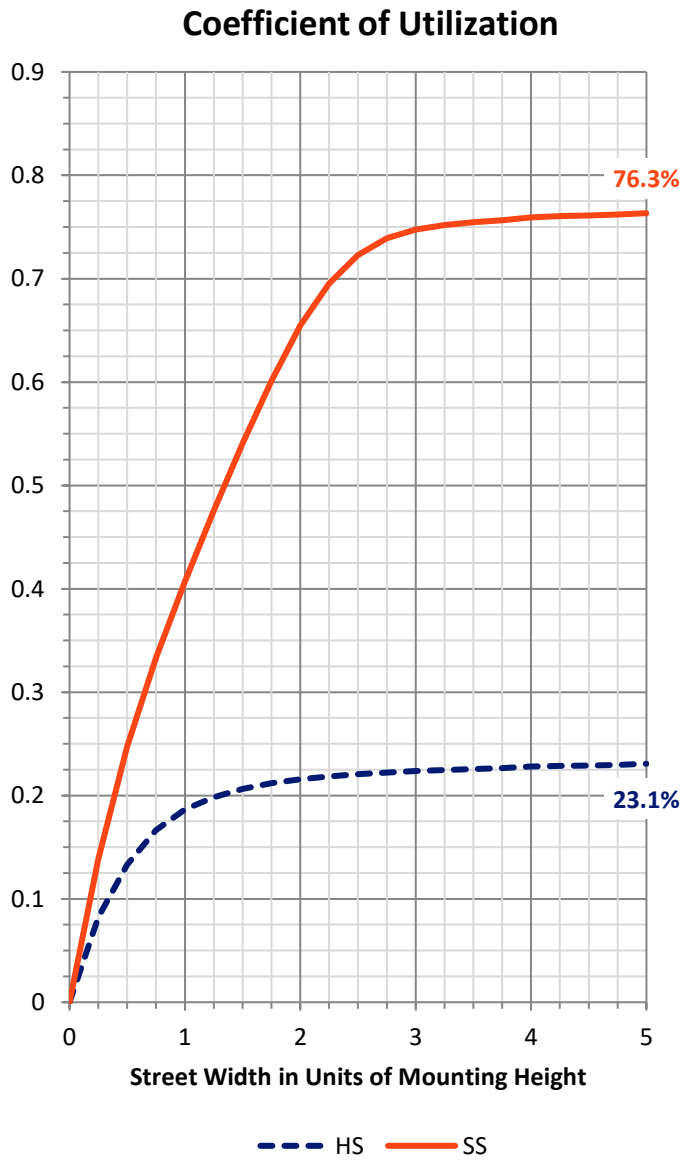
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1498.5	0.0	1498.5
	% Fixture	23.5	0.0	23.5
Street Side	Lumens	4874.7	0.0	4874.7
	% Fixture	76.5	0.0	76.5
Total	Lumens	6373.2	0.0	6373.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.5	2.0
10°-20°	321.8	5.0
20°-30°	539.5	8.5
30°-40°	808.0	12.7
40°-50°	1126.4	17.7
50°-60°	1504.4	23.6
60°-70°	1470.9	23.1
70°-80°	410.0	6.4
80°-90°	66.8	1.0
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°	6373.2	100.0
0°-180°	6373.2	100.0



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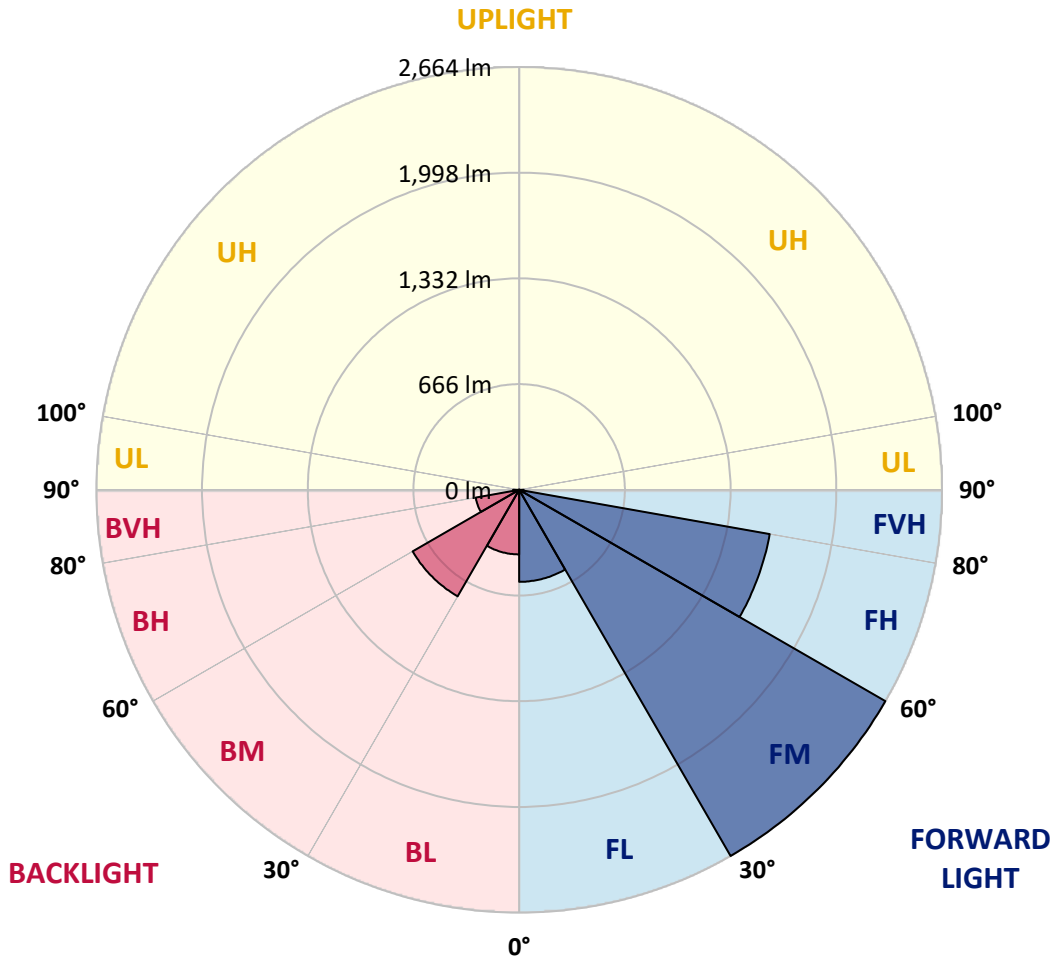
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	579.8	9.1			
FM	(30°-60°)	2664.0	41.8			
FH	(60°-80°)	1602.6	25.1			G1/1800
FVH	(80°-90°)	28.2	0.4			G1/100
BL	(0°-30°)	407.0	6.4	B1/500		
BM	(30°-60°)	774.7	12.2	B1/1000		
BH	(60°-80°)	278.2	4.4	B1/500		G1/500
BVH	(80°-90°)	38.5	0.6			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1463.6	1463.6	1463.6	1463.6	*1463.6*	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6
2.5°	1550.4	1538.4	1529.4	1538.4	*1526.4*	1532.4	1520.4	1511.4	1499.5	1484.5	1469.5
5°	1607.2	1592.3	1583.3	1589.3	*1583.3*	1583.3	1580.3	1556.3	1547.4	1520.4	1493.5
7.5°	1574.3	1562.3	1568.3	1589.3	*1589.3*	1598.2	1610.2	1598.2	1583.3	1559.3	1508.4
10°	1287.0	1278.0	1340.8	1442.6	*1523.4*	1544.4	1610.2	1634.2	1628.2	1604.2	1544.4
12.5°	957.7	951.8	981.7	1074.5	*1200.2*	1257.0	1511.4	1661.1	1685.0	1664.1	1589.3
15°	909.9	903.9	906.9	924.8	*978.7*	999.6	1248.1	1628.2	1756.9	1756.9	1655.1
17.5°	906.9	900.9	900.9	921.8	*948.8*	960.7	1056.5	1505.5	1825.7	1834.7	1709.0
20°	897.9	894.9	897.9	927.8	*960.7*	969.7	1044.5	1325.9	1882.6	1933.4	1771.8
22.5°	888.9	879.9	894.9	936.8	*990.7*	999.6	1086.4	1266.0	1879.6	2053.2	1840.7
25°	885.9	879.9	897.9	960.7	*1023.6*	1044.5	1149.3	1325.9	1864.6	2178.9	1903.5
27.5°	885.9	882.9	921.8	1002.6	*1083.5*	1107.4	1242.1	1445.6	1885.6	2298.6	1987.3
30°	921.8	915.8	972.7	1062.5	*1176.2*	1197.2	1358.8	1556.3	1975.4	2439.3	2083.1
32.5°	984.7	984.7	1047.5	1158.3	*1272.0*	1307.9	1469.5	1709.0	2145.9	2573.9	2181.9
35°	1089.4	1089.4	1161.3	1266.0	*1391.7*	1418.7	1604.2	1852.6	2307.6	2702.6	2268.7
37.5°	1224.1	1224.1	1290.0	1406.7	*1505.5*	1529.4	1715.0	1990.3	2433.3	2783.4	2346.5
40°	1358.8	1376.8	1442.6	1559.3	*1643.1*	1676.1	1843.7	2101.1	2565.0	2837.3	2376.4
42.5°	1532.4	1532.4	1610.2	1720.9	*1813.7*	1834.7	2008.3	2265.7	2684.7	2834.3	2349.5
45°	1735.9	1732.9	1795.8	1915.5	*1999.3*	2038.2	2202.8	2424.3	2789.4	2834.3	2298.6
47.5°	1996.3	1999.3	2032.2	2140.0	*2214.8*	2247.7	2382.4	2541.0	2837.3	2834.3	2289.6
50°	2301.6	2310.6	2346.5	2403.3	*2463.2*	2484.2	2565.0	2618.8	2864.3	2789.4	2364.4
52.5°	2669.7	2657.7	2708.6	2729.6	*2756.5*	2786.4	2765.5	2729.6	2735.6	2654.8	2511.1
55°	2954.0	2942.1	3049.8	3127.6	*3187.5*	3175.5	3007.9	2684.7	2454.2	2451.2	2603.9
57.5°	3169.5	3190.5	3391.0	3633.4	*3726.2*	3735.2	3310.2	2460.2	2092.1	2053.2	2573.9
60°	3612.5	3621.5	3825.0	4211.1	*4426.6*	4462.5	3316.2	2095.1	1463.6	1532.4	2238.7
62.5°	3914.8	3929.8	4342.8	4995.2	*5321.5*	5252.6	3178.5	1433.6	865.0	996.7	1598.2
65°	*3657.4*	*3708.3*	*4330.8*	*5447.2*	*6360.0*	*6168.5*	*2684.7*	*859.0*	*454.9*	*616.5*	*1062.5*
67.5°	2894.2	2930.1	3633.4	5004.2	*6270.2*	6036.8	1834.7	451.9	293.3	440.0	673.4
70°	1325.9	1382.7	2313.6	3950.7	*4932.4*	4660.0	984.7	260.4	245.4	308.3	434.0
72.5°	425.0	443.0	688.4	1780.8	*3172.5*	2879.2	341.2	206.5	218.5	251.4	323.2
75°	242.4	266.4	398.1	912.9	*972.7*	963.7	203.5	164.6	194.5	200.5	236.4
77.5°	155.6	164.6	254.4	550.7	*511.8*	457.9	152.6	128.7	158.6	146.7	140.7
80°	95.8	101.8	158.6	314.3	*341.2*	302.3	104.8	86.8	107.7	92.8	83.8
82.5°	56.9	59.9	80.8	143.7	*206.5*	191.5	56.9	50.9	80.8	62.9	50.9
85°	29.9	29.9	38.9	62.9	*95.8*	74.8	23.9	23.9	35.9	26.9	18.0
87.5°	6.0	6.0	6.0	9.0	*12.0*	12.0	6.0	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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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6	1463.6
2.5°	1463.6	1460.6	1454.6	1439.6	1433.6	1412.7	1400.7	1382.7	1373.8	1367.8	1382.7
5°	1469.5	1454.6	1433.6	1373.8	1263.0	1131.3	1026.6	954.8	906.9	885.9	891.9
7.5°	1484.5	1463.6	1379.8	1152.3	945.8	835.0	781.2	766.2	754.2	751.2	748.2
10°	1508.4	1469.5	1254.0	942.8	814.1	772.2	763.2	763.2	766.2	763.2	766.2
12.5°	1538.4	1466.5	1101.4	847.0	793.1	784.2	796.1	802.1	805.1	814.1	808.1
15°	1574.3	1451.6	999.6	832.0	808.1	826.1	838.0	853.0	862.0	859.0	862.0
17.5°	1595.2	1406.7	939.8	832.0	847.0	868.0	891.9	906.9	912.9	915.8	921.8
20°	1613.2	1367.8	918.8	853.0	885.9	915.8	936.8	945.8	945.8	948.8	945.8
22.5°	1637.1	1343.8	906.9	859.0	900.9	933.8	954.8	963.7	969.7	966.7	966.7
25°	1646.1	1307.9	882.9	850.0	879.9	915.8	942.8	951.8	960.7	957.7	957.7
27.5°	1670.1	1284.0	850.0	811.1	841.0	871.0	909.9	939.8	954.8	957.7	963.7
30°	1703.0	1275.0	811.1	757.2	784.2	829.0	873.9	912.9	939.8	951.8	957.7
32.5°	1756.9	1263.0	778.2	706.3	739.3	784.2	832.0	865.0	900.9	921.8	924.8
35°	1801.8	1293.0	748.2	658.5	691.4	733.3	772.2	808.1	847.0	873.9	885.9
37.5°	1858.6	1343.8	751.2	628.5	649.5	685.4	703.3	727.3	766.2	805.1	823.1
40°	1906.5	1412.7	802.1	628.5	604.6	634.5	631.5	649.5	688.4	712.3	718.3
42.5°	1903.5	1442.6	868.0	628.5	562.7	577.6	568.7	571.7	586.6	592.6	592.6
45°	1888.6	1457.6	903.9	613.6	508.8	520.8	514.8	508.8	490.8	481.9	481.9
47.5°	1894.5	1475.5	909.9	577.6	460.9	478.9	475.9	448.9	428.0	413.0	407.0
50°	1954.4	1484.5	841.0	520.8	416.0	440.0	446.0	410.0	386.1	365.1	362.1
52.5°	2095.1	1550.4	730.3	457.9	389.1	410.0	425.0	386.1	356.2	335.2	332.2
55°	2232.7	1658.1	625.5	422.0	365.1	383.1	401.1	362.1	338.2	323.2	329.2
57.5°	2265.7	1676.1	568.7	395.1	347.2	356.2	374.1	341.2	323.2	335.2	350.2
60°	2056.2	1445.6	535.7	371.1	326.2	332.2	353.2	320.2	287.3	287.3	293.3
62.5°	1493.5	996.7	481.9	332.2	302.3	305.3	320.2	278.3	251.4	245.4	248.4
65°	*1056.5*	*724.3*	*440.0*	*299.3*	*281.3*	*284.3*	*278.3*	*251.4*	*233.5*	*227.5*	*230.5*
67.5°	709.3	571.7	392.1	269.4	257.4	254.4	248.4	233.5	215.5	209.5	218.5
70°	475.9	446.0	335.2	239.4	230.5	215.5	224.5	212.5	194.5	197.5	209.5
72.5°	350.2	356.2	296.3	212.5	194.5	179.6	197.5	188.6	176.6	185.6	194.5
75°	257.4	266.4	245.4	179.6	167.6	155.6	176.6	176.6	173.6	200.5	209.5
77.5°	152.6	179.6	176.6	131.7	128.7	134.7	173.6	188.6	179.6	179.6	173.6
80°	95.8	107.7	125.7	89.8	89.8	113.7	182.6	224.5	191.5	176.6	170.6
82.5°	50.9	56.9	83.8	56.9	50.9	77.8	188.6	221.5	215.5	194.5	188.6
85°	15.0	18.0	38.9	23.9	21.0	35.9	164.6	164.6	143.7	107.7	104.8
87.5°	3.0	0.0	0.0	3.0	3.0	6.0	15.0	9.0	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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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

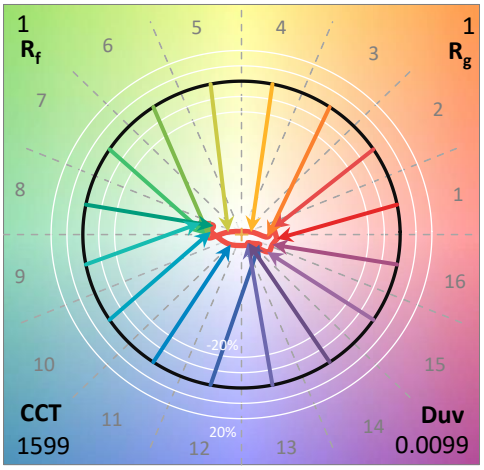
Test Information

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

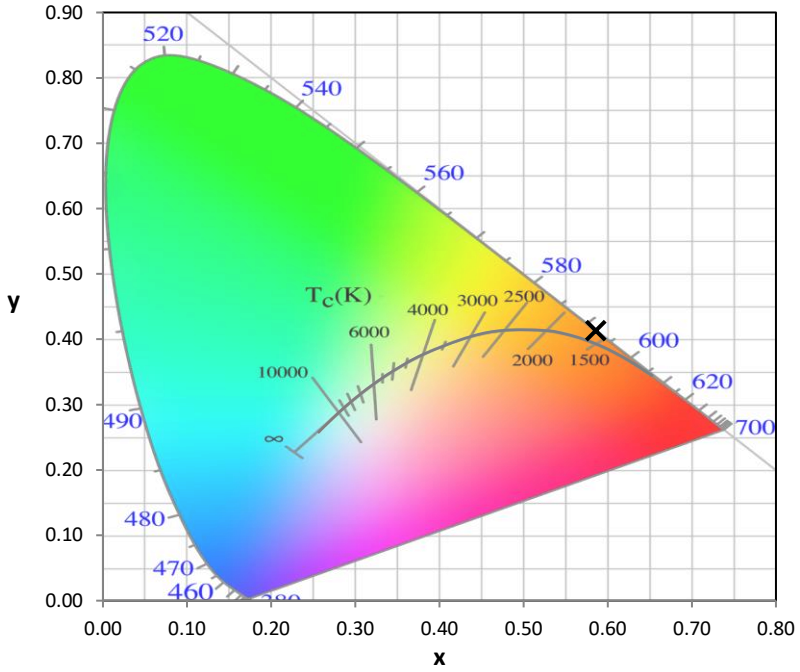
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

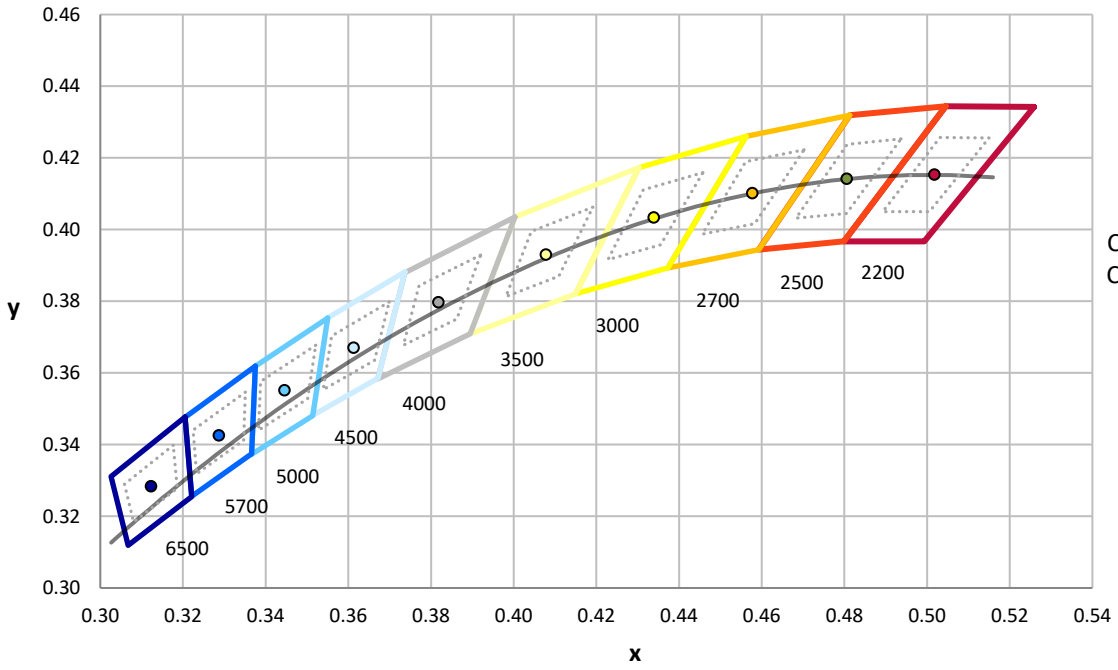
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

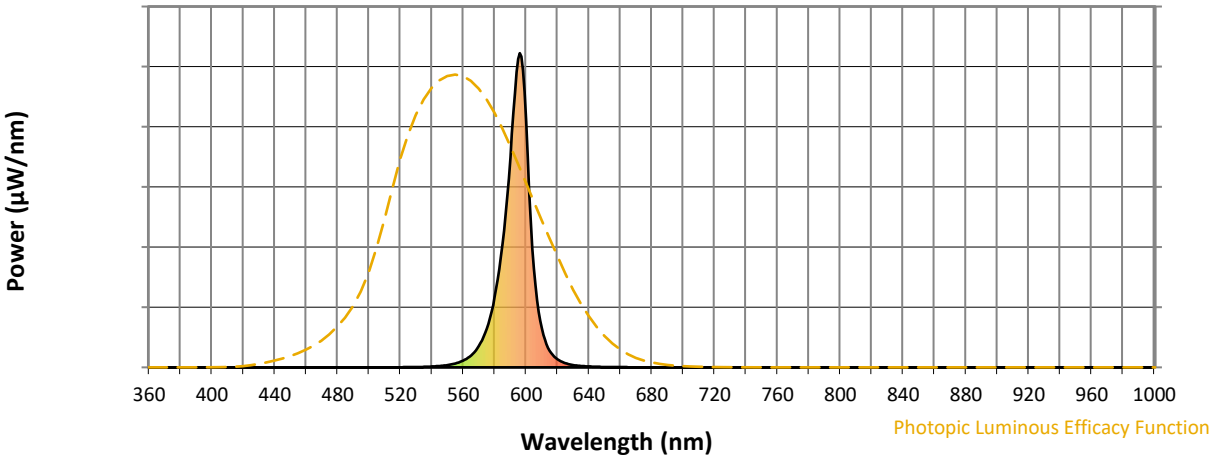


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

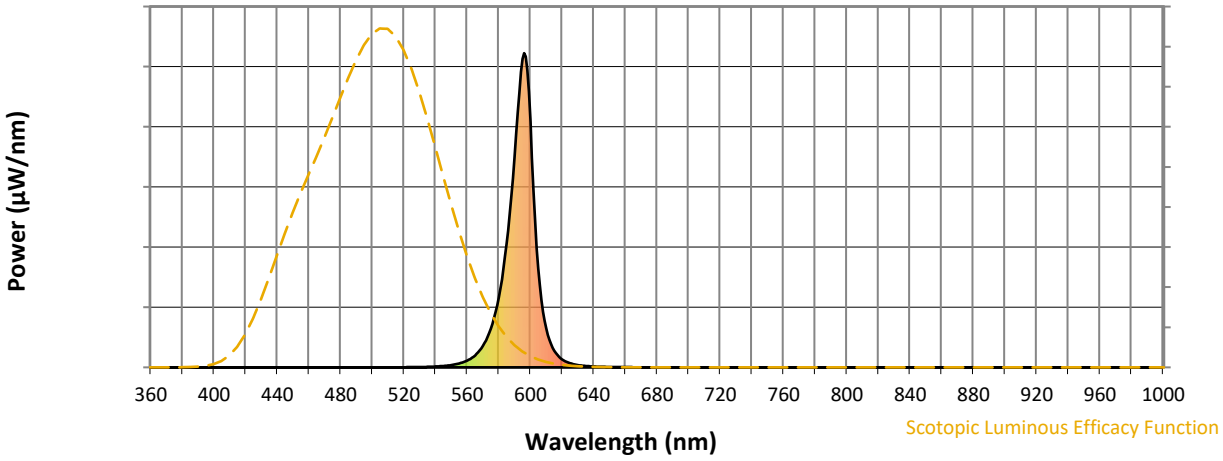


Photopic Lumens: NR

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

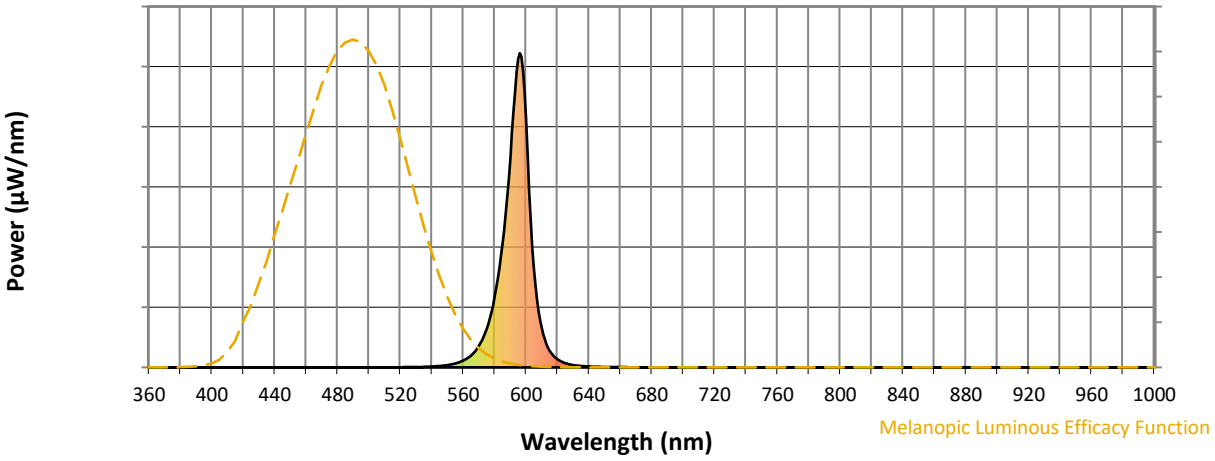


Scotopic Lumens: NR **S/P: 0.23**

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			

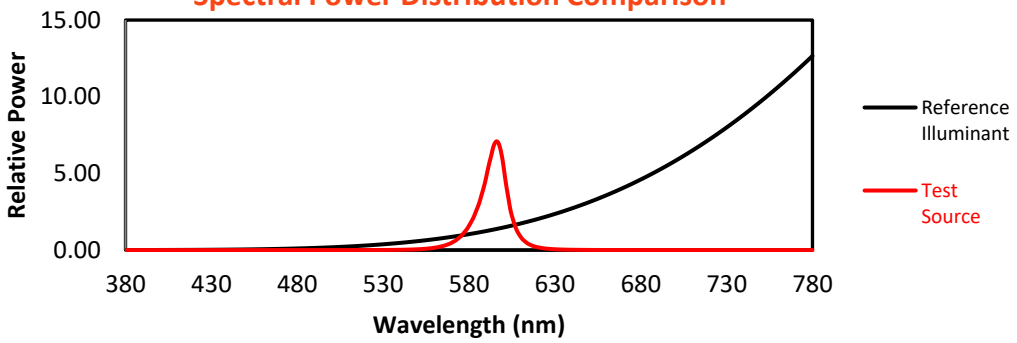
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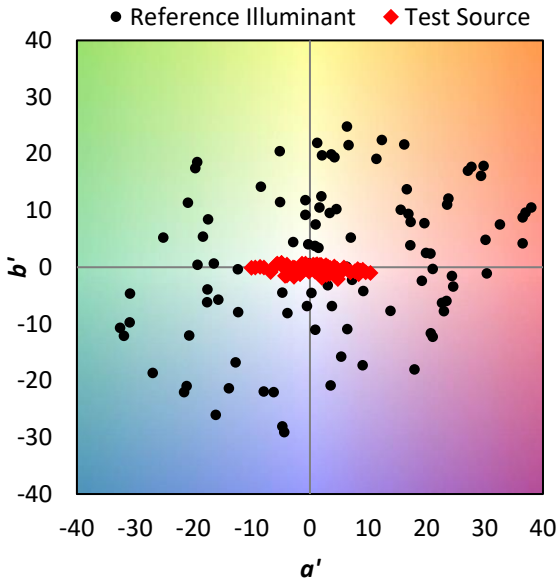
Summary

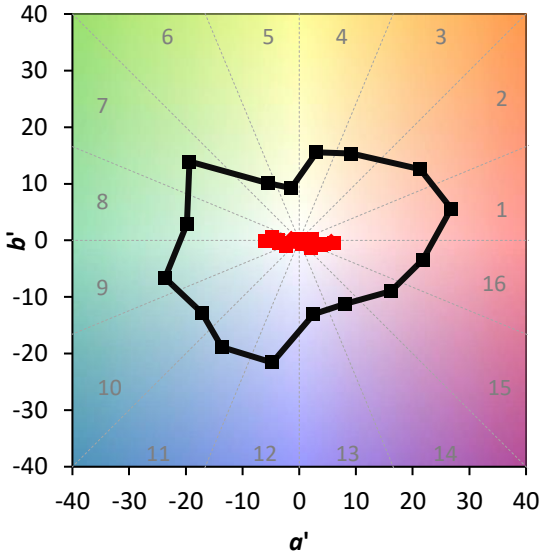
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

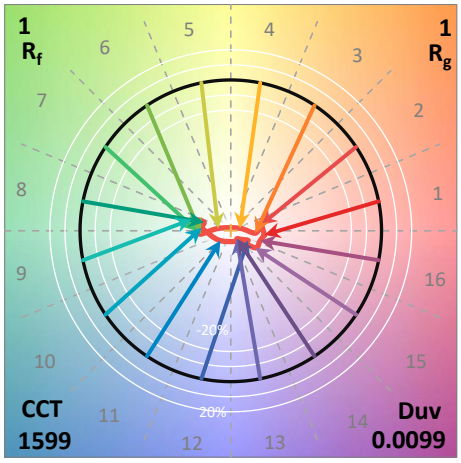
Spectral Power Distribution Comparison

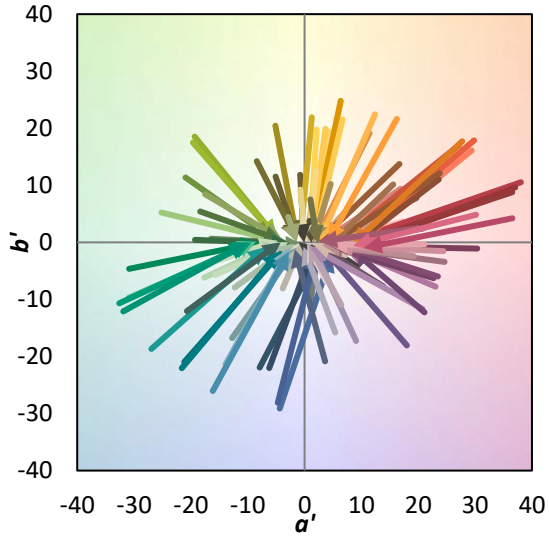


Color Vector Graphics







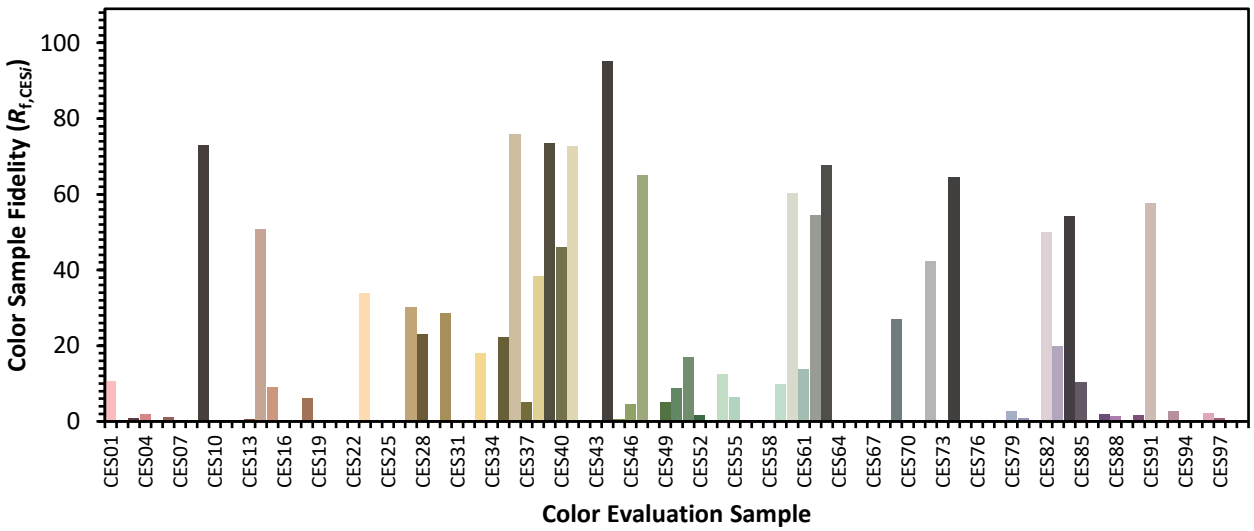


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Individual Sample Fidelity Index ($R_{f,i}$)

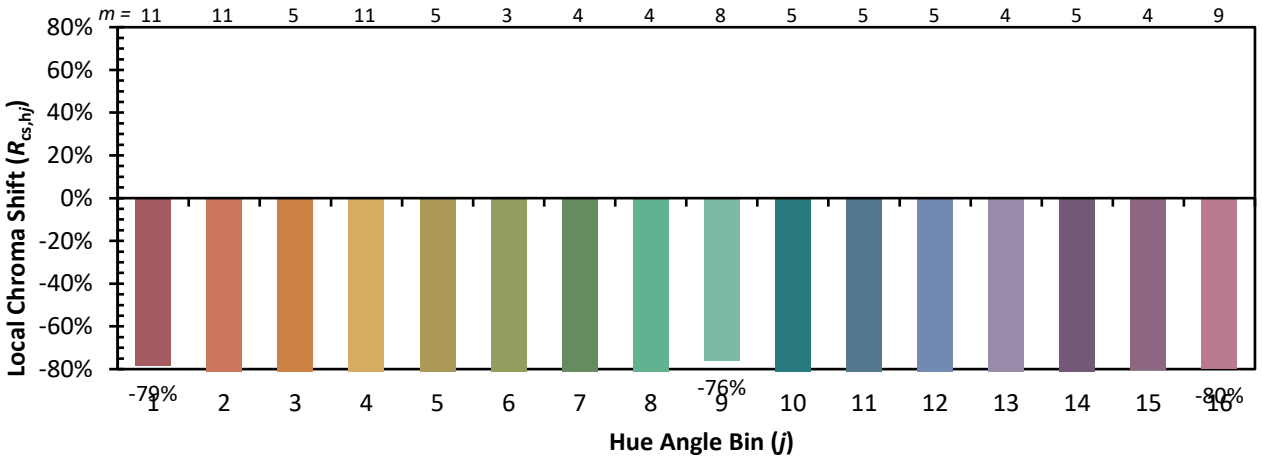
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

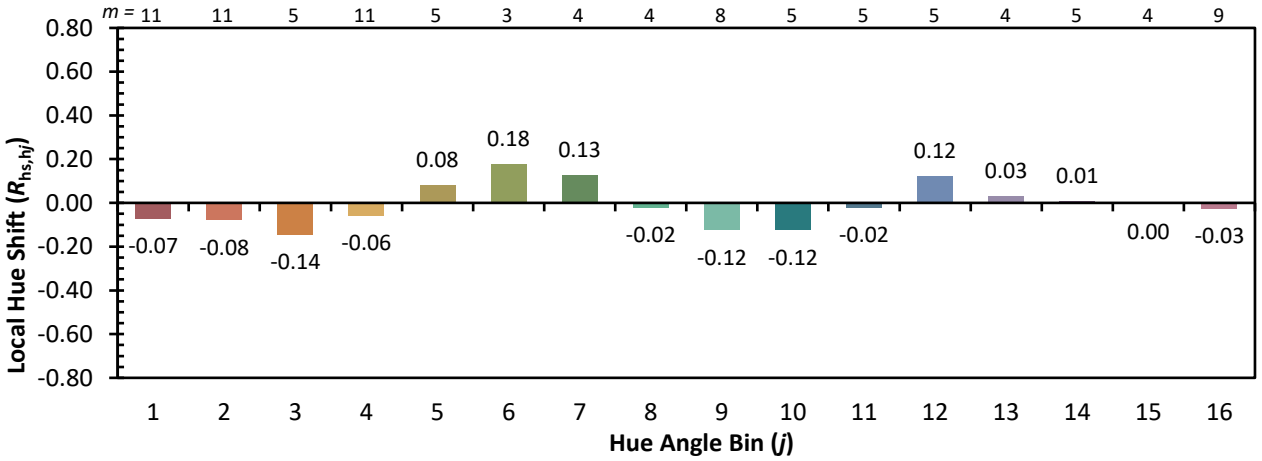


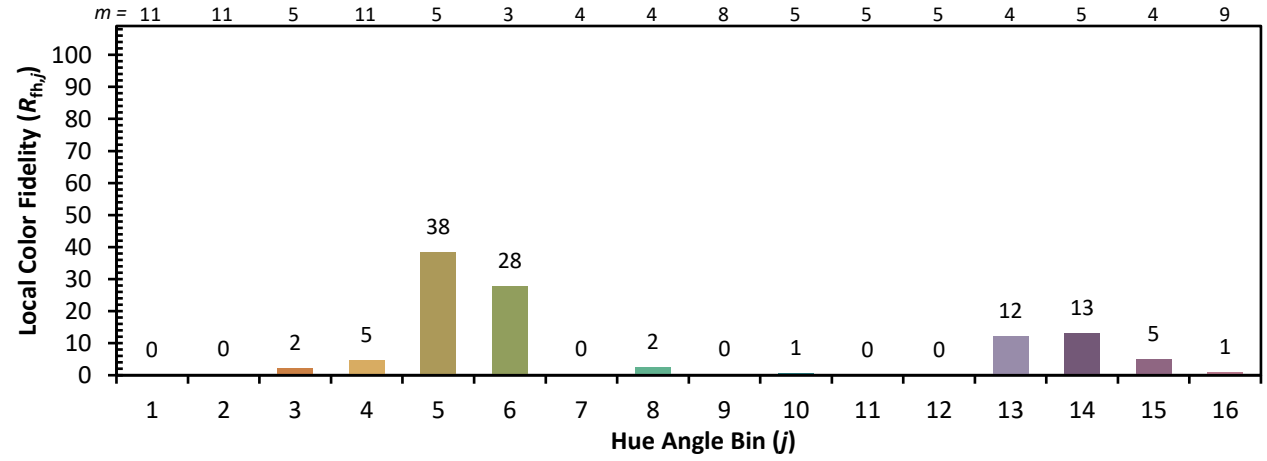
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Color Rendition by Hue-Angle Bin



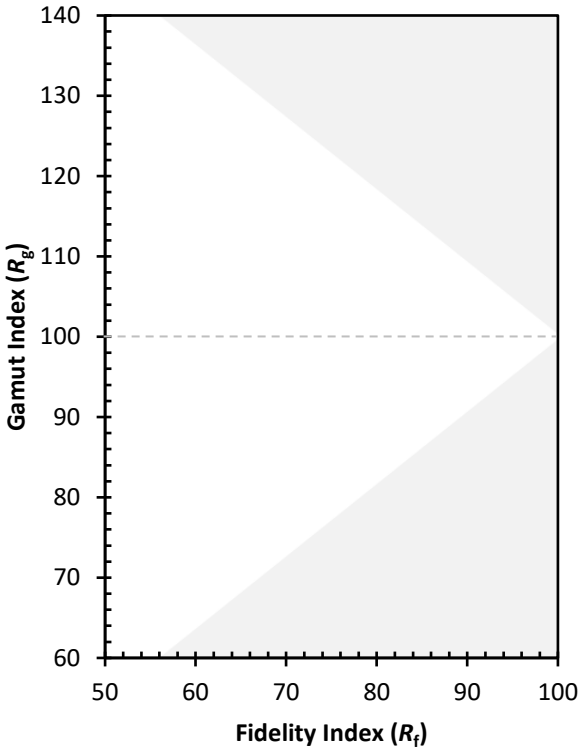


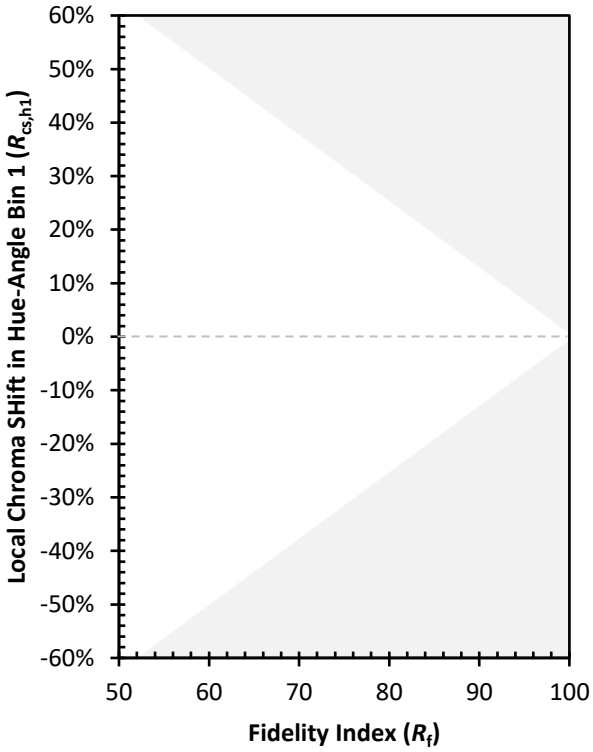


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Measure Comparisons





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