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: P1704729

Luminaire Tested: GSS-SB2A-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:	P1704729
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-AMB-U-T4LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T4 LOW GLARE DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4251.1 lumens
Efficiency:	N/A
Efficacy:	62.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	68
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

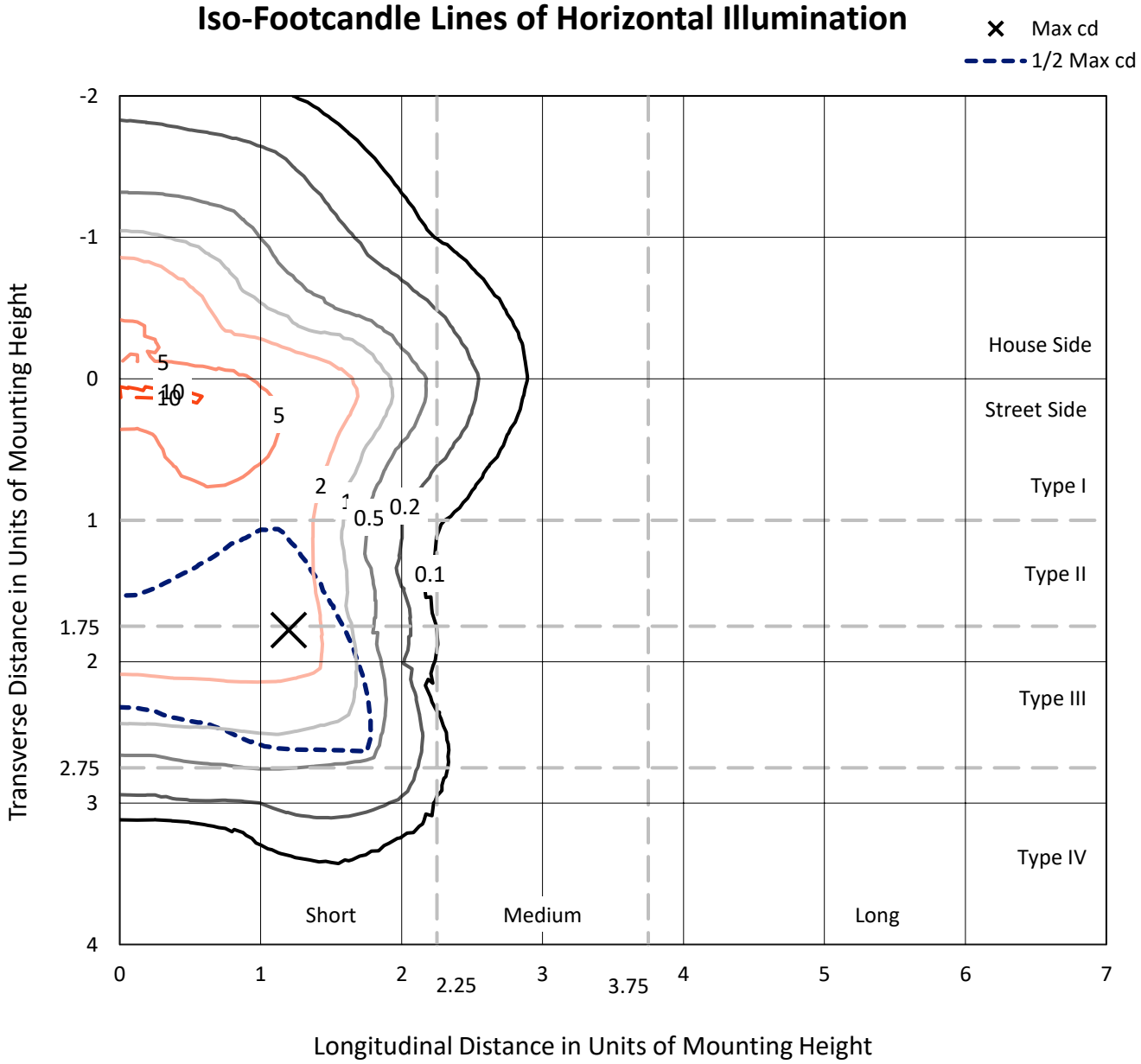


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Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



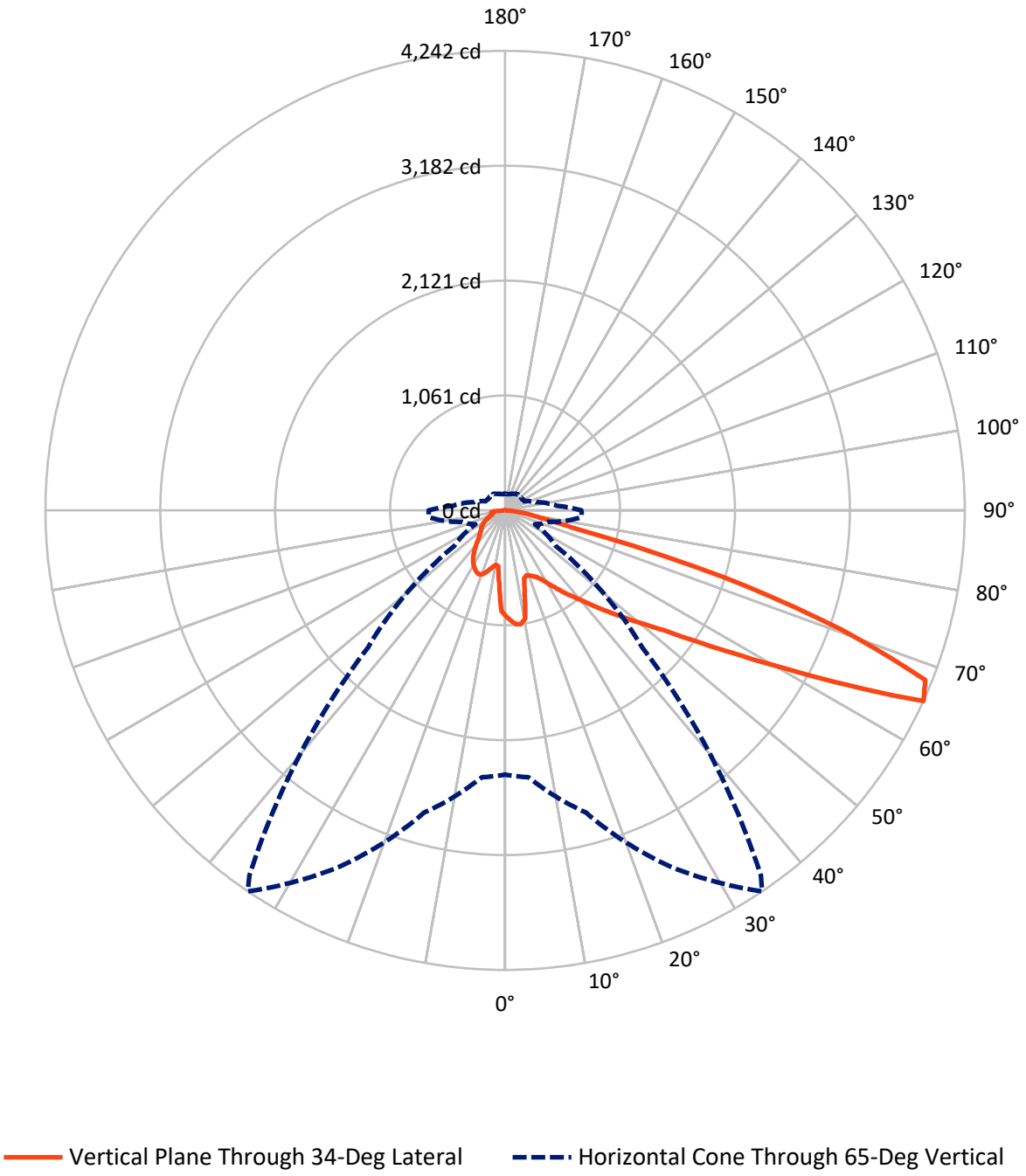
Based on 10 foot mounting height. Maximum calculated value = 10.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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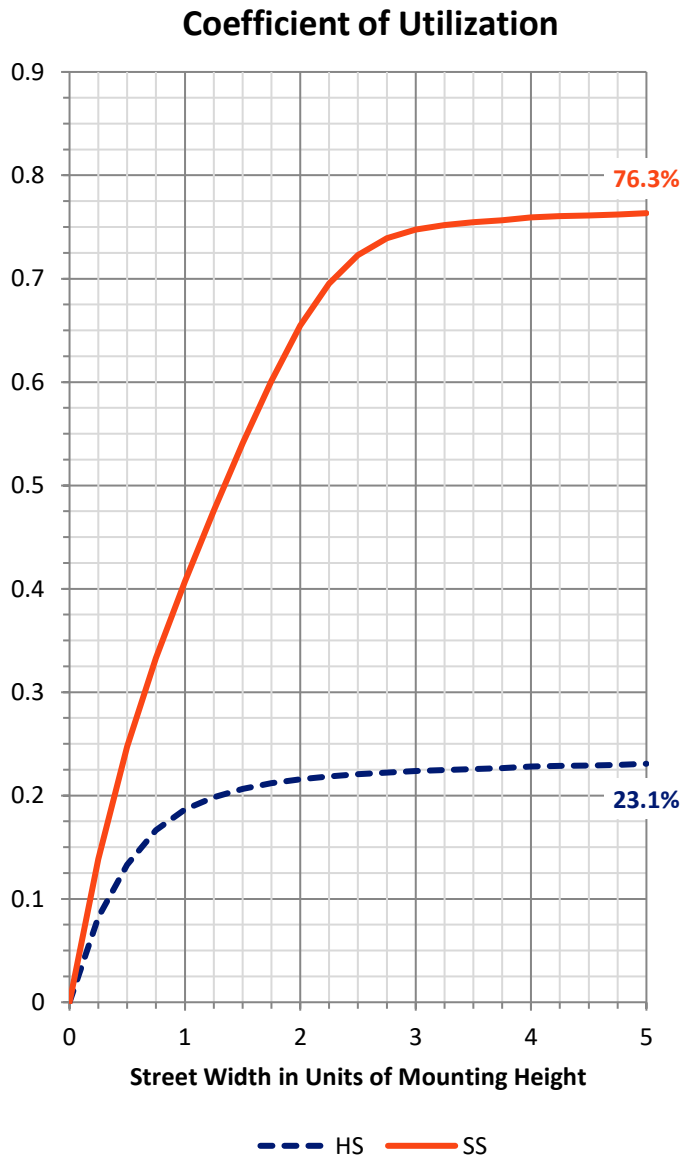
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	999.5	0.0	999.5
	% Fixture	23.5	0.0	23.5
Street Side	Lumens	3251.6	0.0	3251.6
	% Fixture	76.5	0.0	76.5
Total	Lumens	4251.1	0.0	4251.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	2.0
10°-20°	214.7	5.0
20°-30°	359.9	8.5
30°-40°	539.0	12.7
40°-50°	751.3	17.7
50°-60°	1003.5	23.6
60°-70°	981.1	23.1
70°-80°	273.5	6.4
80°-90°	44.6	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°	4251.1	100.0
0°-180°	4251.1	100.0



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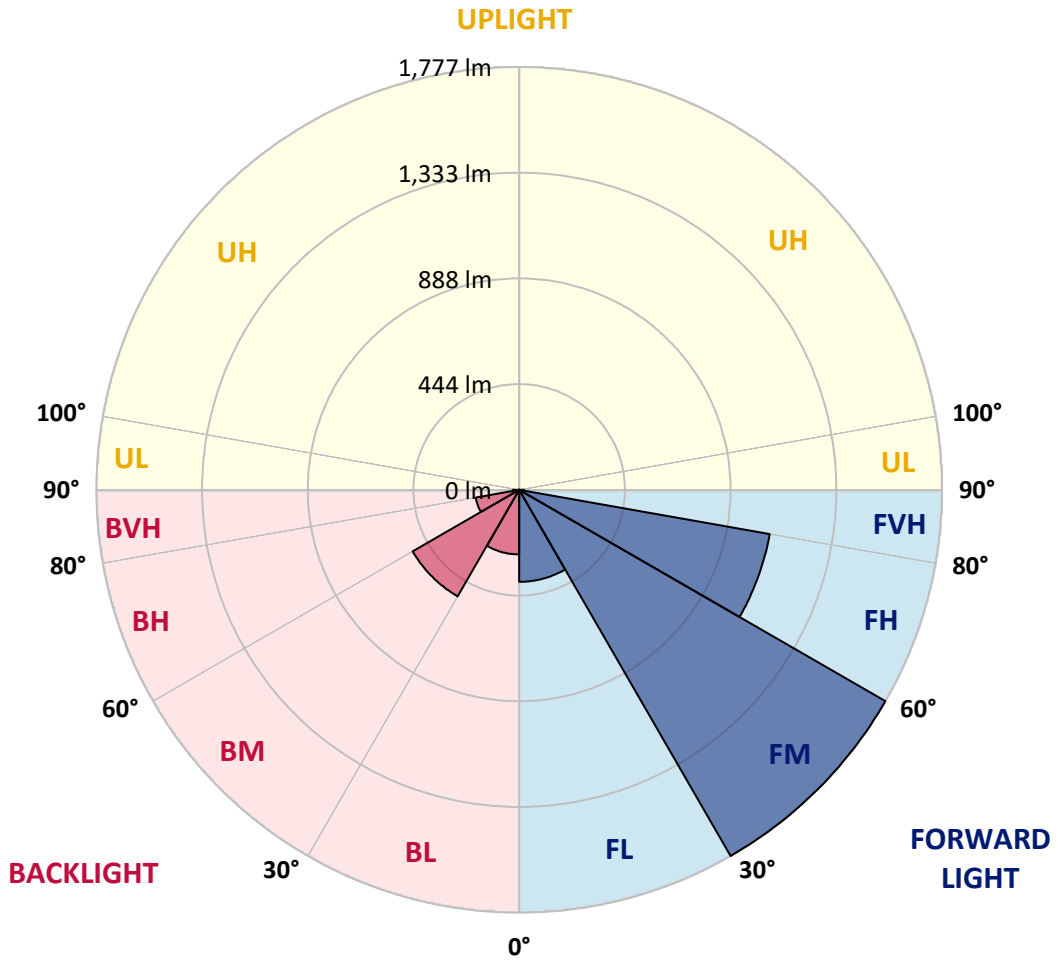
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	386.8	9.1			
FM	(30°-60°)	1777.0	41.8			
FH	(60°-80°)	1069.0	25.1			G1/1800
FVH	(80°-90°)	18.8	0.4			G1/100
BL	(0°-30°)	271.5	6.4	B1/500		
BM	(30°-60°)	516.7	12.2	B1/1000		
BH	(60°-80°)	185.6	4.4	B1/500		G1/500
BVH	(80°-90°)	25.7	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°	976.2	976.2	976.2	976.2	*976.2*	976.2	976.2	976.2	976.2	976.2	976.2
2.5°	1034.1	1026.2	1020.2	1026.2	*1018.2*	1022.2	1014.2	1008.2	1000.2	990.2	980.2
5°	1072.1	1062.1	1056.1	1060.1	*1056.1*	1056.1	1054.1	1038.1	1032.1	1014.2	996.2
7.5°	1050.1	1042.1	1046.1	1060.1	*1060.1*	1066.1	1074.1	1066.1	1056.1	1040.1	1006.2
10°	858.5	852.5	894.4	962.3	*1016.2*	1030.1	1074.1	1090.0	1086.0	1070.1	1030.1
12.5°	638.9	634.9	654.8	716.7	*800.6*	838.5	1008.2	1108.0	1124.0	1110.0	1060.1
15°	606.9	602.9	604.9	616.9	*652.8*	666.8	832.5	1086.0	1171.9	1171.9	1104.0
17.5°	604.9	600.9	600.9	614.9	*632.9*	640.8	704.7	1004.2	1217.8	1223.8	1139.9
20°	598.9	596.9	598.9	618.9	*640.8*	646.8	696.7	884.4	1255.7	1289.7	1181.9
22.5°	592.9	586.9	596.9	624.9	*660.8*	666.8	724.7	844.5	1253.7	1369.5	1227.8
25°	590.9	586.9	598.9	640.8	*682.8*	696.7	766.6	884.4	1243.8	1453.4	1269.7
27.5°	590.9	588.9	614.9	668.8	*722.7*	738.7	828.5	964.3	1257.7	1533.2	1325.6
30°	614.9	610.9	648.8	708.7	*784.6*	798.6	906.4	1038.1	1317.6	1627.1	1389.5
32.5°	656.8	656.8	698.7	772.6	*848.5*	872.4	980.2	1139.9	1431.4	1716.9	1455.4
35°	726.7	726.7	774.6	844.5	*928.3*	946.3	1070.1	1235.8	1539.2	1802.8	1513.3
37.5°	816.5	816.5	860.5	938.3	*1004.2*	1020.2	1143.9	1327.6	1623.1	1856.7	1565.2
40°	906.4	918.3	962.3	1040.1	*1096.0*	1118.0	1229.8	1401.5	1710.9	1892.6	1585.1
42.5°	1022.2	1022.2	1074.1	1147.9	*1209.8*	1223.8	1339.6	1511.3	1790.8	1890.6	1567.2
45°	1157.9	1155.9	1197.8	1277.7	*1333.6*	1359.6	1469.4	1617.1	1860.7	1890.6	1533.2
47.5°	1331.6	1333.6	1355.6	1427.4	*1477.3*	1499.3	1589.1	1694.9	1892.6	1890.6	1527.3
50°	1535.2	1541.2	1565.2	1603.1	*1643.0*	1657.0	1710.9	1746.9	1910.6	1860.7	1577.2
52.5°	1780.8	1772.8	1806.7	1820.7	*1838.7*	1858.7	1844.7	1820.7	1824.7	1770.8	1675.0
55°	1970.5	1962.5	2034.3	2086.2	*2126.2*	2118.2	2006.4	1790.8	1637.1	1635.1	1736.9
57.5°	2114.2	2128.2	2261.9	2423.6	*2485.5*	2491.5	2208.0	1641.0	1395.5	1369.5	1716.9
60°	2409.7	2415.7	2551.4	2808.9	*2952.7*	2976.6	2212.0	1397.5	976.2	1022.2	1493.3
62.5°	2611.3	2621.3	2896.8	3332.0	*3549.6*	3503.7	2120.2	956.3	577.0	664.8	1066.1
65°	*2439.6*	*2473.5*	*2888.8*	*3633.5*	*4242.4*	*4114.6*	*1790.8*	*573.0*	*303.5*	*411.3*	*708.7*
67.5°	1930.5	1954.5	2423.6	3338.0	*4182.5*	4026.8	1223.8	301.5	195.6	293.5	449.2
70°	884.4	922.3	1543.2	2635.3	*3290.1*	3108.4	656.8	173.7	163.7	205.6	289.5
72.5°	283.5	295.5	459.2	1187.9	*2116.2*	1920.5	227.6	137.8	145.7	167.7	215.6
75°	161.7	177.7	265.5	608.9	*648.8*	642.8	135.8	109.8	129.8	133.8	157.7
77.5°	103.8	109.8	169.7	367.3	*341.4*	305.5	101.8	85.8	105.8	97.8	93.8
80°	63.9	67.9	105.8	209.6	*227.6*	201.6	69.9	57.9	71.9	61.9	55.9
82.5°	37.9	39.9	53.9	95.8	*137.8*	127.8	37.9	33.9	53.9	41.9	33.9
85°	20.0	20.0	26.0	41.9	*63.9*	49.9	16.0	16.0	24.0	18.0	12.0
87.5°	4.0	4.0	4.0	6.0	*8.0*	8.0	4.0	2.0	2.0	2.0	2.0
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: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	976.2	976.2	976.2	976.2	976.2	976.2	976.2	976.2	976.2	976.2	976.2
2.5°	976.2	974.2	970.3	960.3	956.3	942.3	934.3	922.3	916.4	912.4	922.3
5°	980.2	970.3	956.3	916.4	842.5	754.6	684.8	636.9	604.9	590.9	594.9
7.5°	990.2	976.2	920.3	768.6	630.9	557.0	521.1	511.1	503.1	501.1	499.1
10°	1006.2	980.2	836.5	628.9	543.0	515.1	509.1	509.1	511.1	509.1	511.1
12.5°	1026.2	978.2	734.7	565.0	529.0	523.1	531.0	535.0	537.0	543.0	539.0
15°	1050.1	968.3	666.8	555.0	539.0	551.0	559.0	569.0	575.0	573.0	575.0
17.5°	1064.1	938.3	626.9	555.0	565.0	579.0	594.9	604.9	608.9	610.9	614.9
20°	1076.1	912.4	612.9	569.0	590.9	610.9	624.9	630.9	630.9	632.9	630.9
22.5°	1092.0	896.4	604.9	573.0	600.9	622.9	636.9	642.8	646.8	644.8	644.8
25°	1098.0	872.4	588.9	567.0	586.9	610.9	628.9	634.9	640.8	638.9	638.9
27.5°	1114.0	856.5	567.0	541.0	561.0	581.0	606.9	626.9	636.9	638.9	642.8
30°	1136.0	850.5	541.0	505.1	523.1	553.0	583.0	608.9	626.9	634.9	638.9
32.5°	1171.9	842.5	519.1	471.2	493.1	523.1	555.0	577.0	600.9	614.9	616.9
35°	1201.8	862.4	499.1	439.2	461.2	489.1	515.1	539.0	565.0	583.0	590.9
37.5°	1239.8	896.4	501.1	419.2	433.2	457.2	469.2	485.1	511.1	537.0	549.0
40°	1271.7	942.3	535.0	419.2	403.3	423.2	421.2	433.2	459.2	475.1	479.1
42.5°	1269.7	962.3	579.0	419.2	375.3	385.3	379.3	381.3	391.3	395.3	395.3
45°	1259.7	972.3	602.9	409.3	339.4	347.4	343.4	339.4	327.4	321.4	321.4
47.5°	1263.7	984.2	606.9	385.3	307.4	319.4	317.4	299.5	285.5	275.5	271.5
50°	1303.7	990.2	561.0	347.4	277.5	293.5	297.5	273.5	257.5	243.6	241.6
52.5°	1397.5	1034.1	487.1	305.5	259.5	273.5	283.5	257.5	237.6	223.6	221.6
55°	1489.3	1106.0	417.2	281.5	243.6	255.5	267.5	241.6	225.6	215.6	219.6
57.5°	1511.3	1118.0	379.3	263.5	231.6	237.6	249.6	227.6	215.6	223.6	233.6
60°	1371.5	964.3	357.4	247.6	217.6	221.6	235.6	213.6	191.7	191.7	195.6
62.5°	996.2	664.8	321.4	221.6	201.6	203.6	213.6	185.7	167.7	163.7	165.7
65°	*704.7*	*483.1*	*293.5*	*199.6*	*187.7*	*189.7*	*185.7*	*167.7*	*155.7*	*151.7*	*153.7*
67.5°	473.1	381.3	261.5	179.7	171.7	169.7	165.7	155.7	143.7	139.7	145.7
70°	317.4	297.5	223.6	159.7	153.7	143.7	149.7	141.7	129.8	131.8	139.7
72.5°	233.6	237.6	197.6	141.7	129.8	119.8	131.8	125.8	117.8	123.8	129.8
75°	171.7	177.7	163.7	119.8	111.8	103.8	117.8	117.8	115.8	133.8	139.7
77.5°	101.8	119.8	117.8	87.8	85.8	89.8	115.8	125.8	119.8	119.8	115.8
80°	63.9	71.9	83.8	59.9	59.9	75.9	121.8	149.7	127.8	117.8	113.8
82.5°	33.9	37.9	55.9	37.9	33.9	51.9	125.8	147.7	143.7	129.8	125.8
85°	10.0	12.0	26.0	16.0	14.0	24.0	109.8	109.8	95.8	71.9	69.9
87.5°	2.0	0.0	0.0	2.0	2.0	4.0	10.0	6.0	2.0	2.0	2.0
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

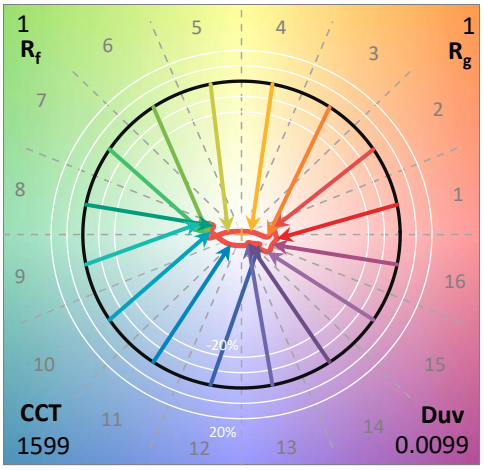
Test Information

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

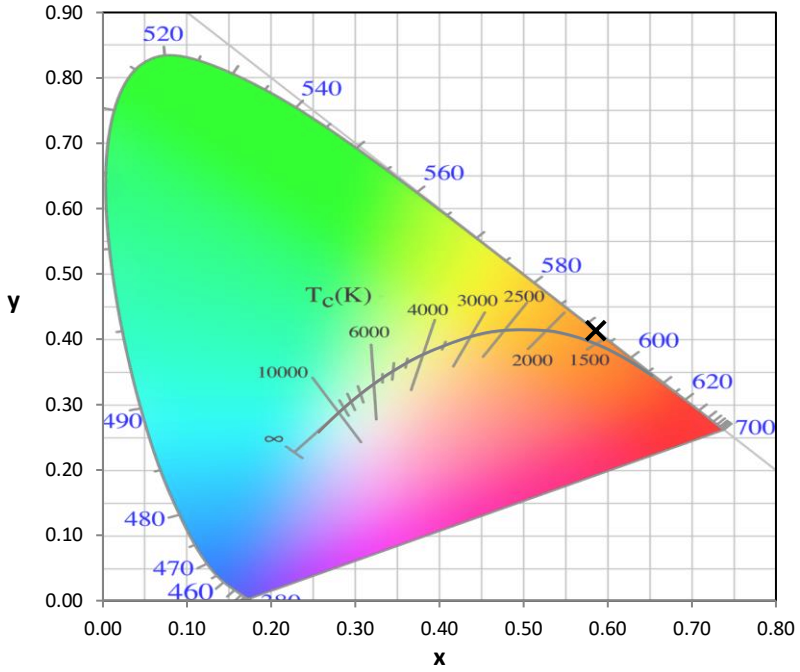
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

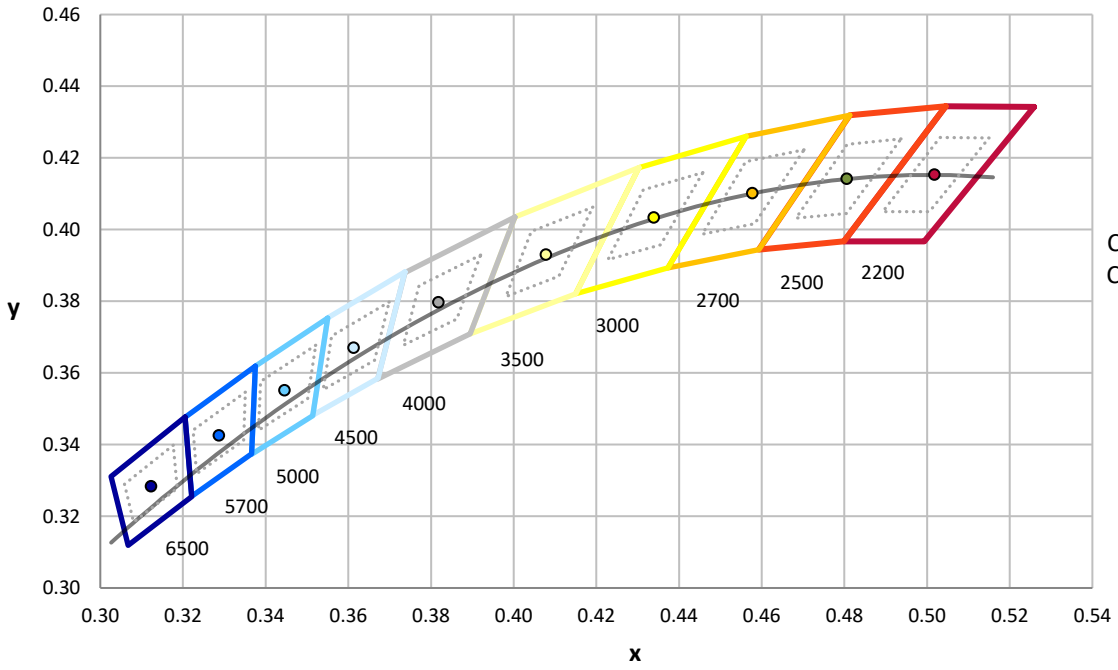
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

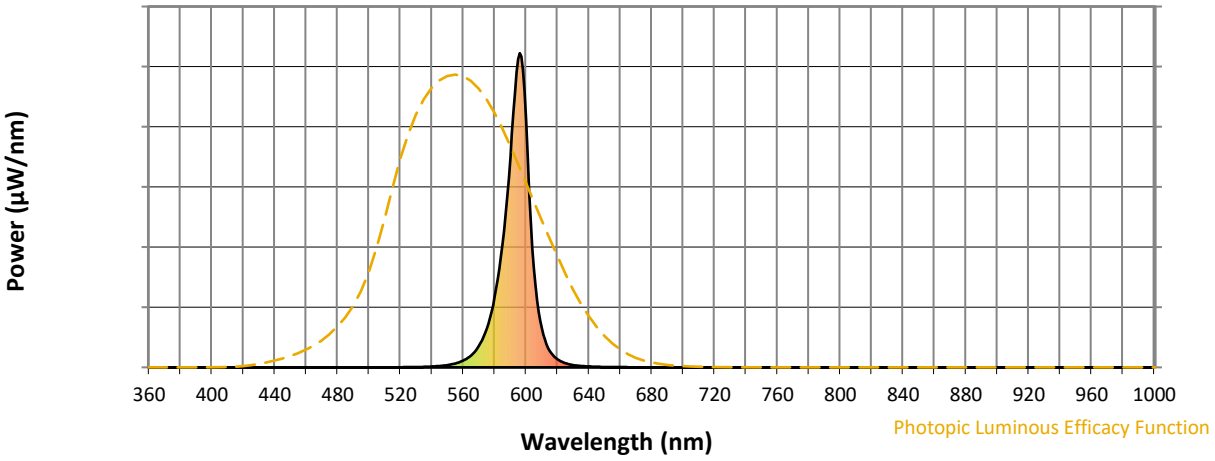


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

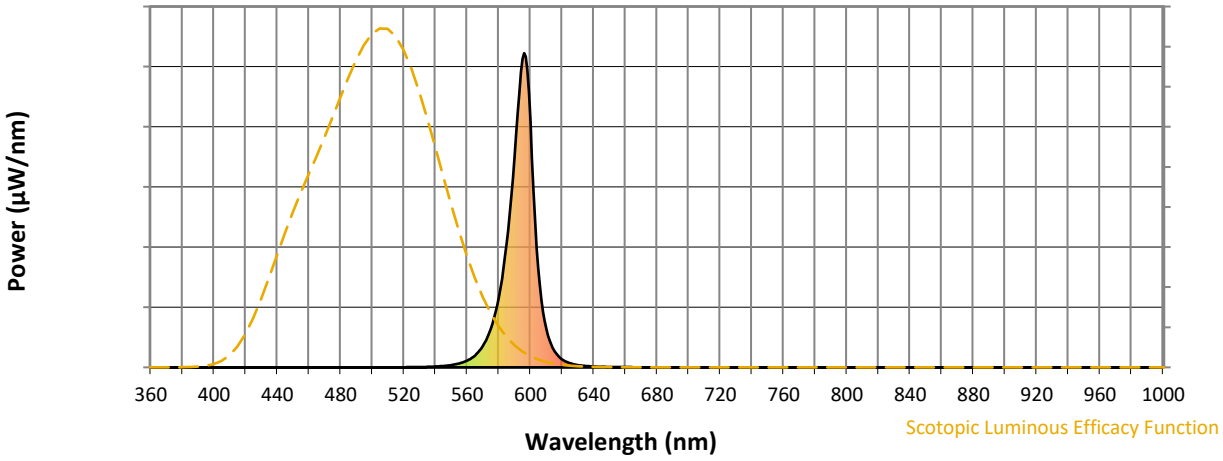


Photopic Lumens: NR

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

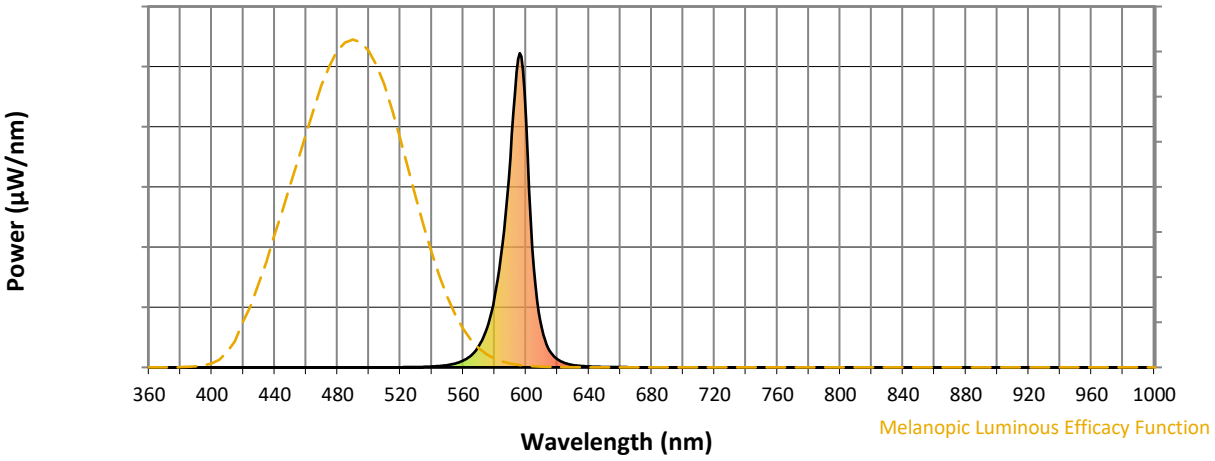


Scotopic Lumens: NR **S/P: 0.23**

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			

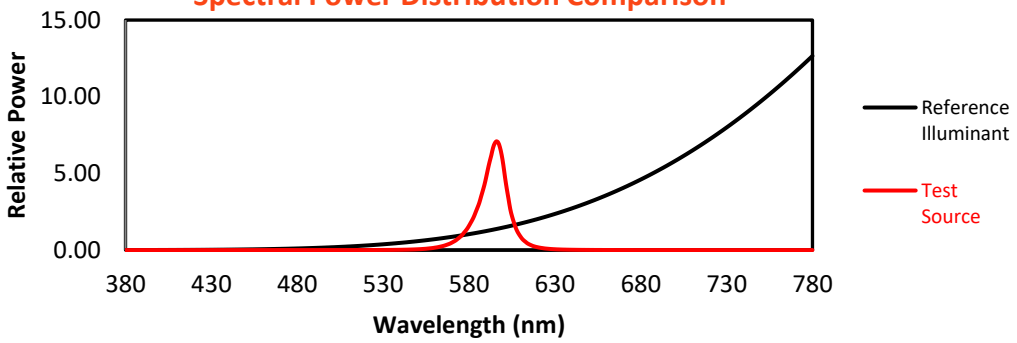
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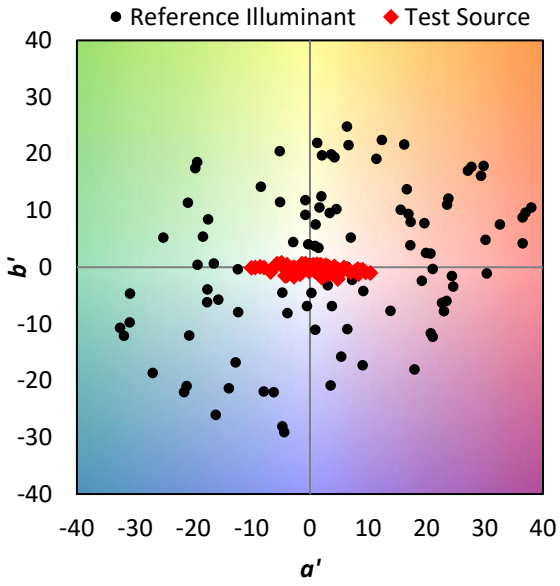
Summary

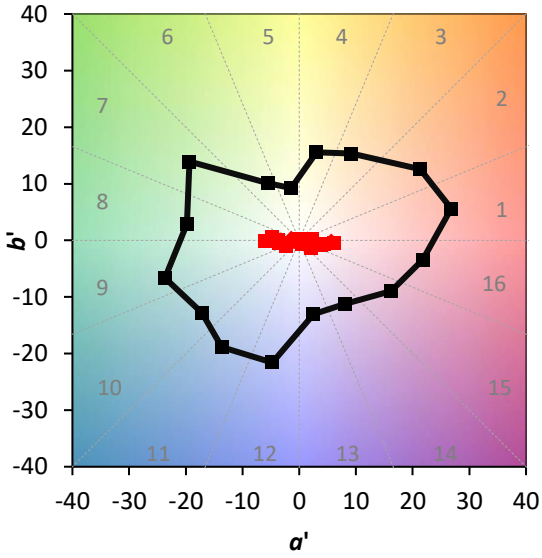
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

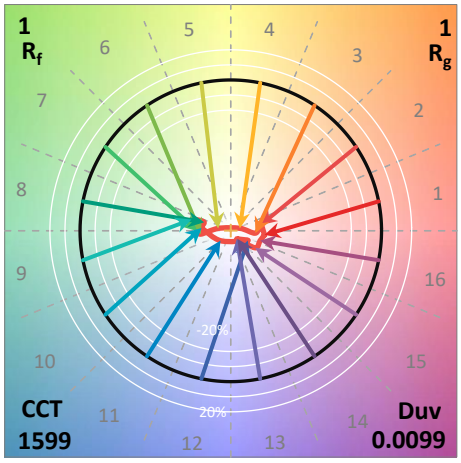
Spectral Power Distribution Comparison

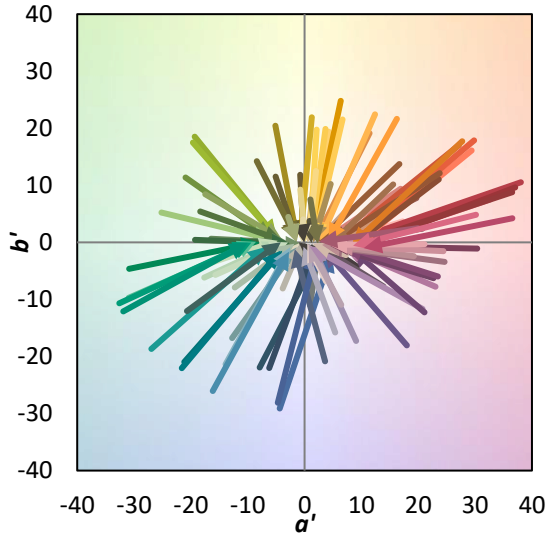


Color Vector Graphics







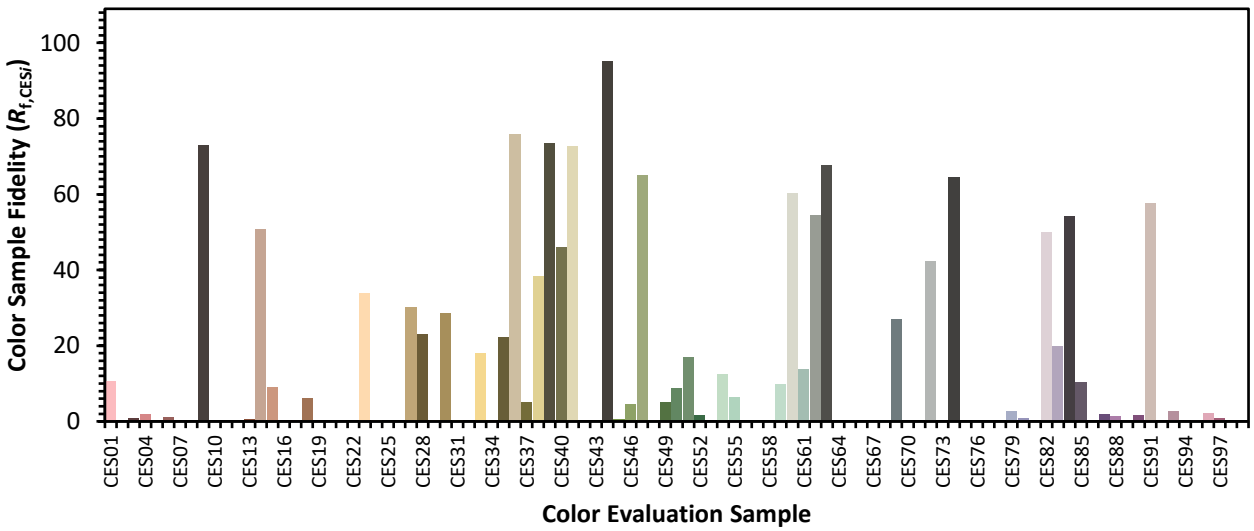


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Individual Sample Fidelity Index ($R_{f,i}$)

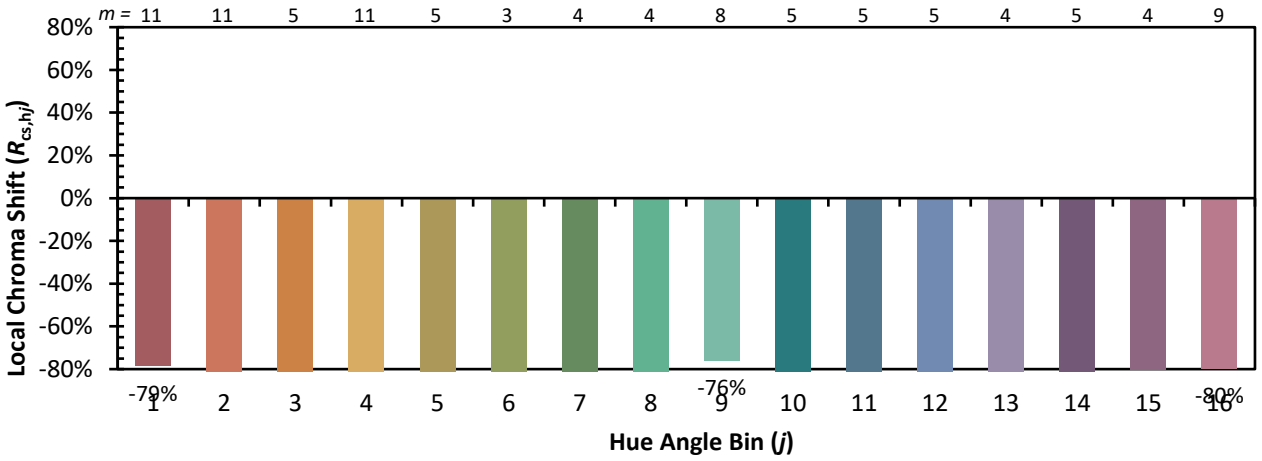
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

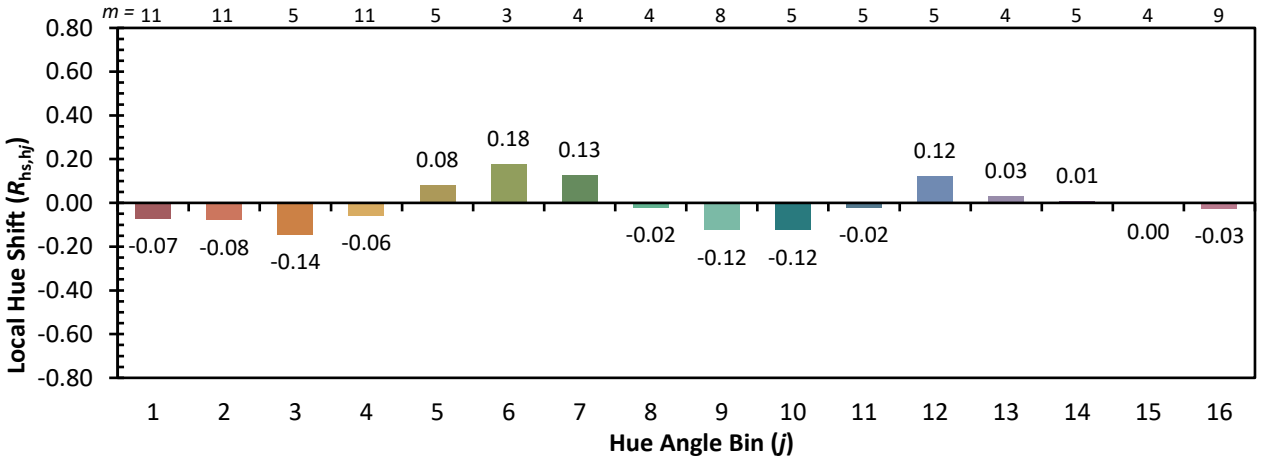


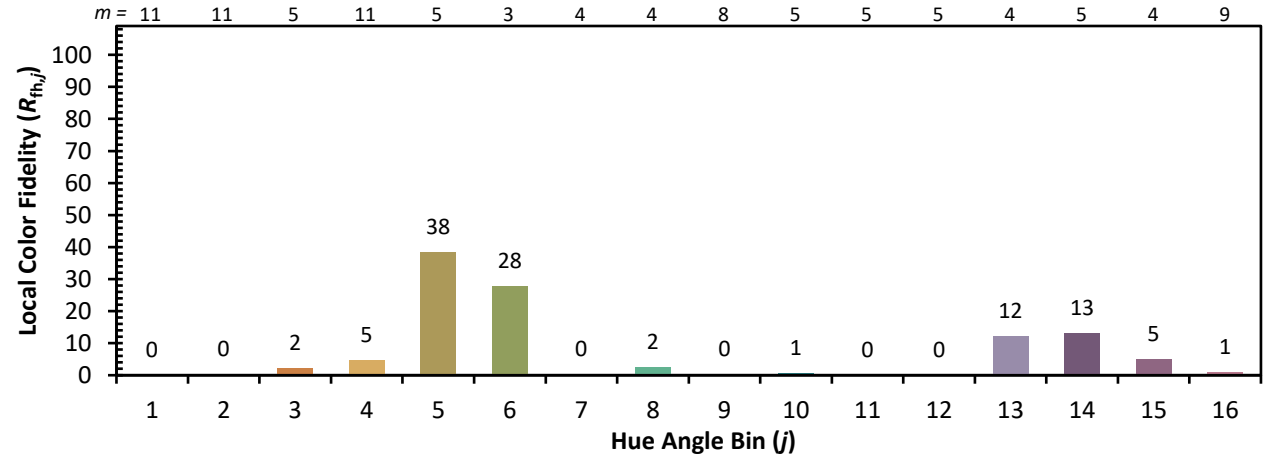
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Color Rendition by Hue-Angle Bin



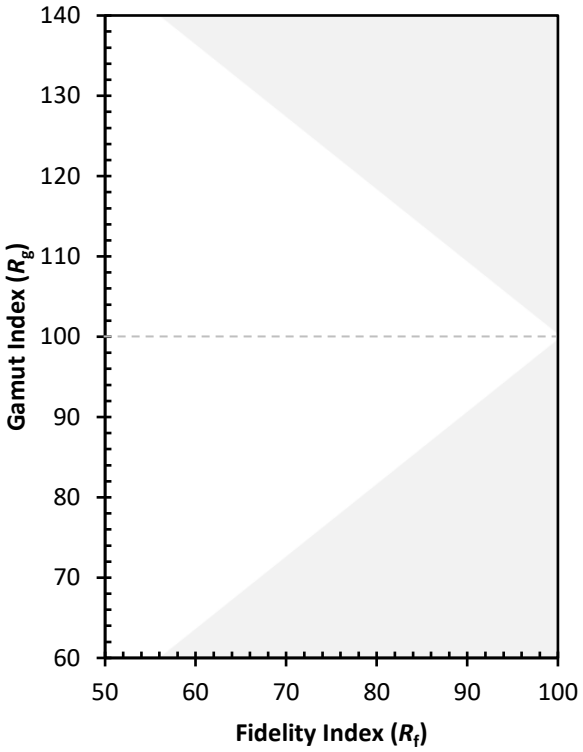


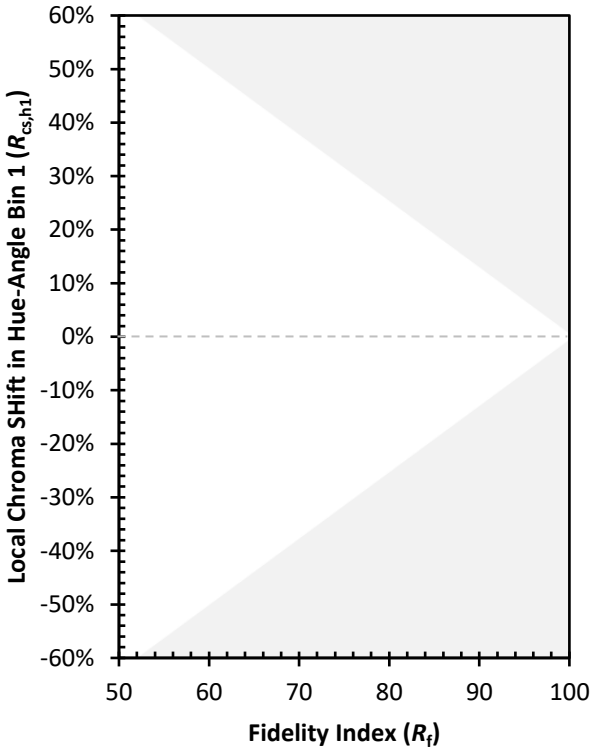


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Measure Comparisons





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