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: P1704732

Luminaire Tested: GSS-SB5A-AMB-U-T4W

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:	P1704732
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-AMB-U-T4W
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9567.1 lumens
Efficiency:	N/A
Efficacy:	59.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	160.6
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

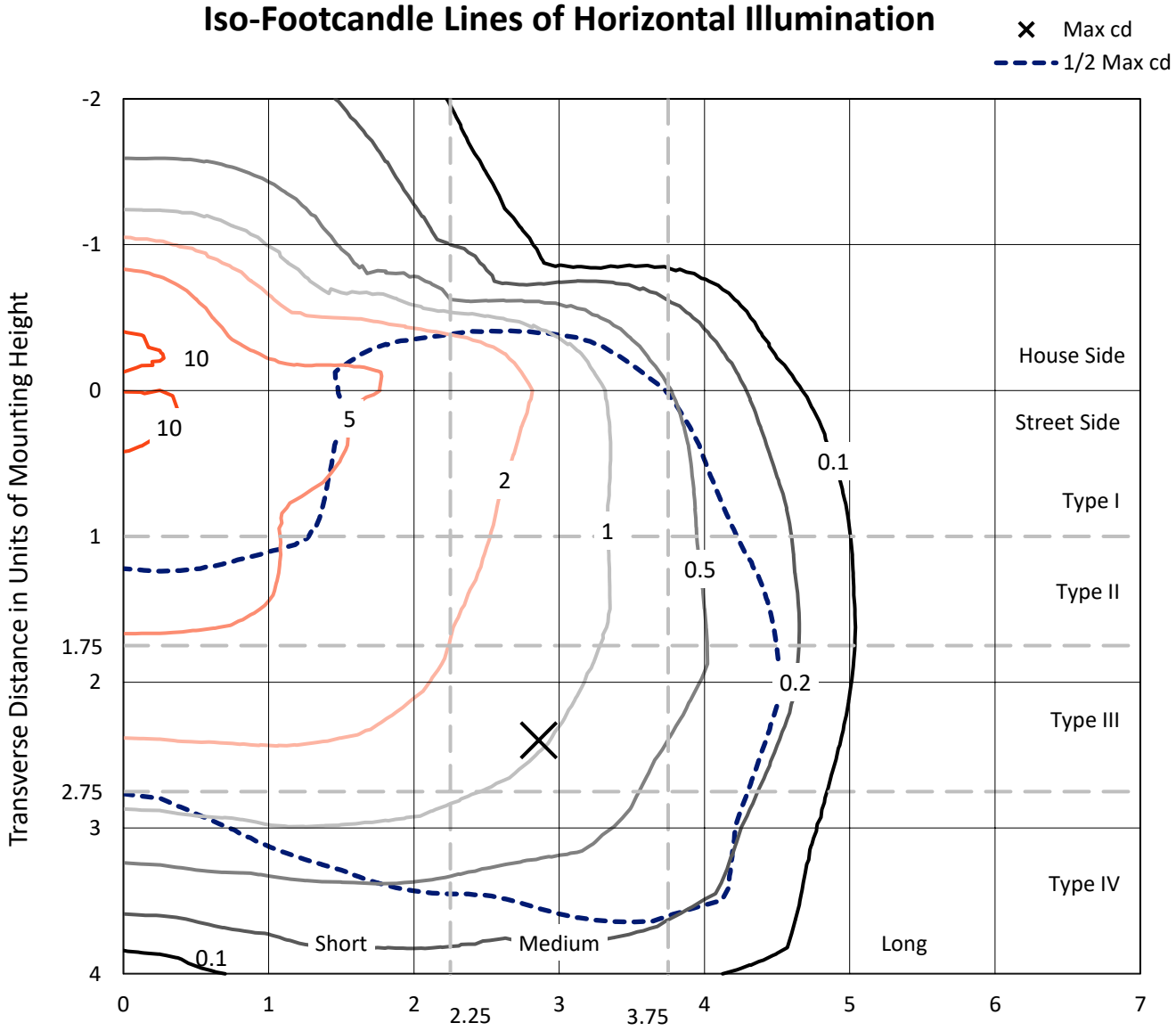


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



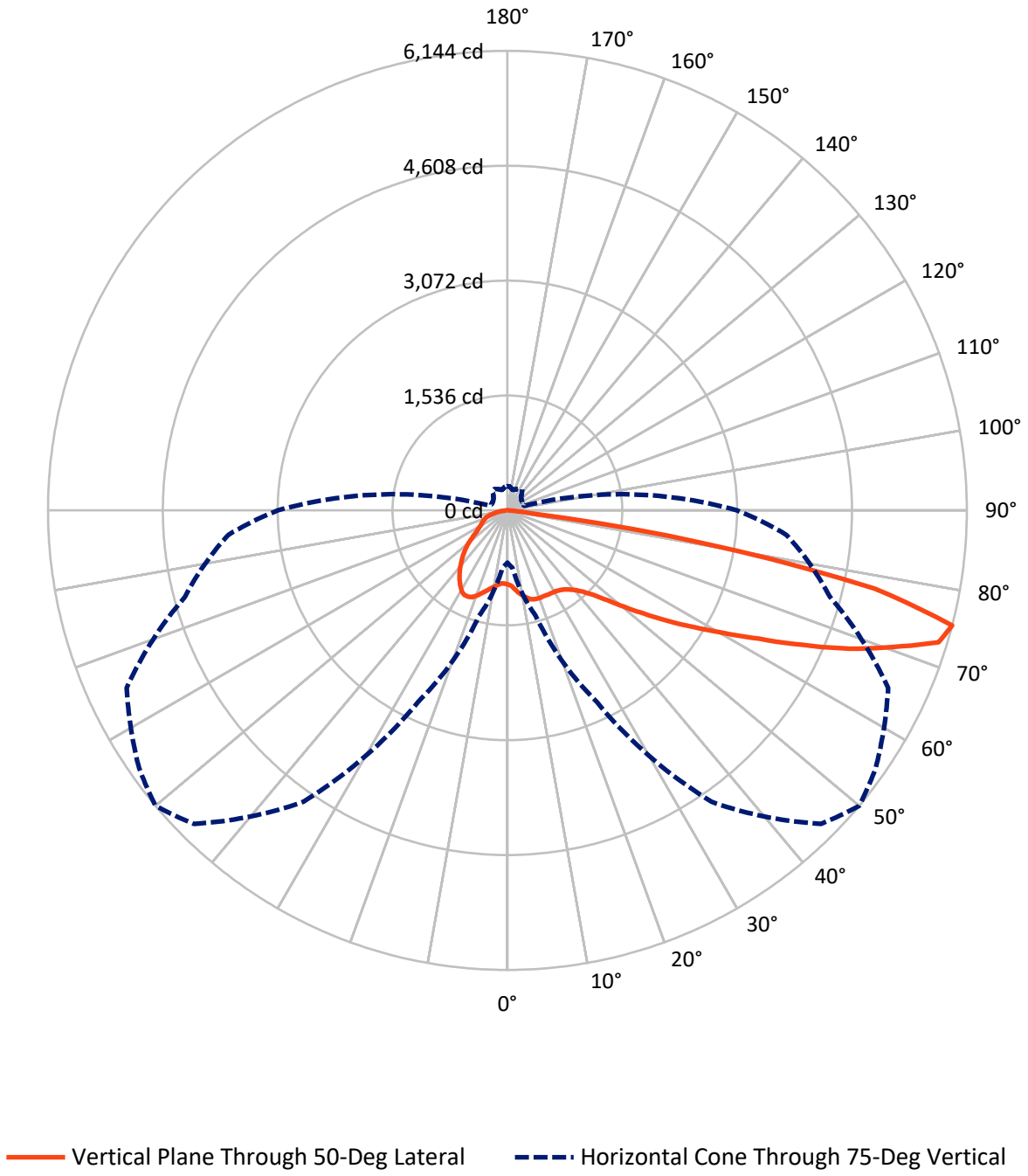
Based on 10 foot mounting height. Maximum calculated value = 12.3 fc
Type IV - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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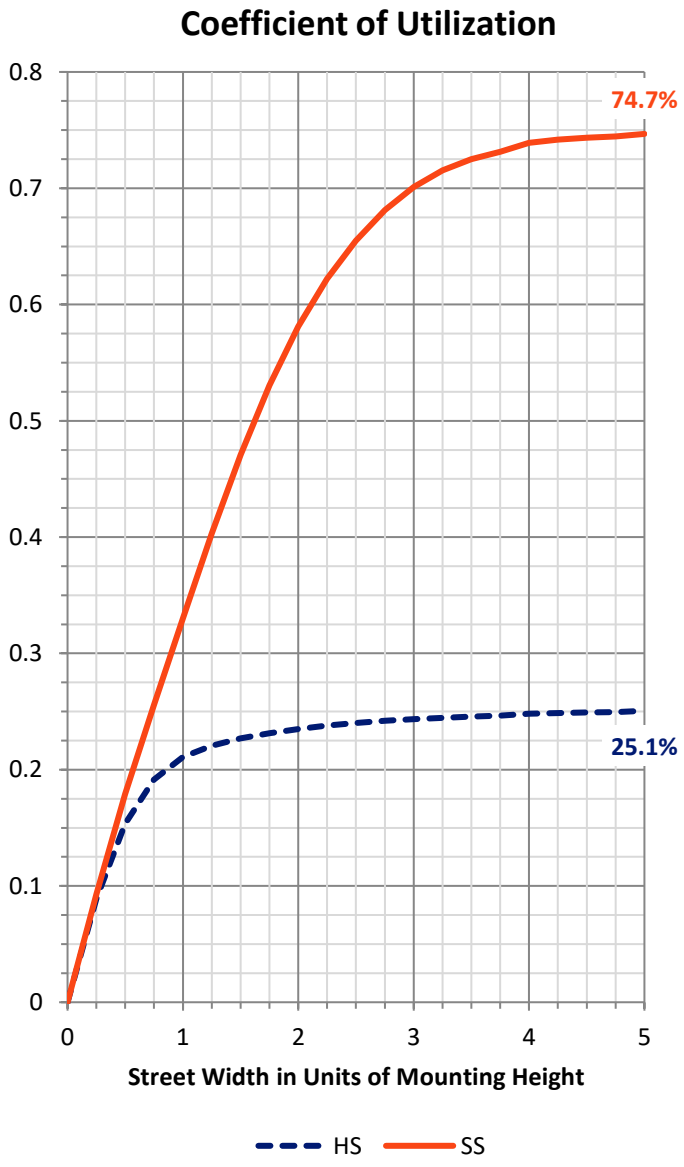
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2423.8	0.0	2423.8
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	7143.3	0.0	7143.3
	% Fixture	74.7	0.0	74.7
Total	Lumens	9567.1	0.0	9567.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	1.1
10°-20°	334.5	3.5
20°-30°	578.8	6.1
30°-40°	806.2	8.4
40°-50°	1111.5	11.6
50°-60°	1758.3	18.4
60°-70°	2628.2	27.5
70°-80°	2103.5	22.0
80°-90°	145.4	1.5
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°	9567.1	100.0
0°-180°	9567.1	100.0



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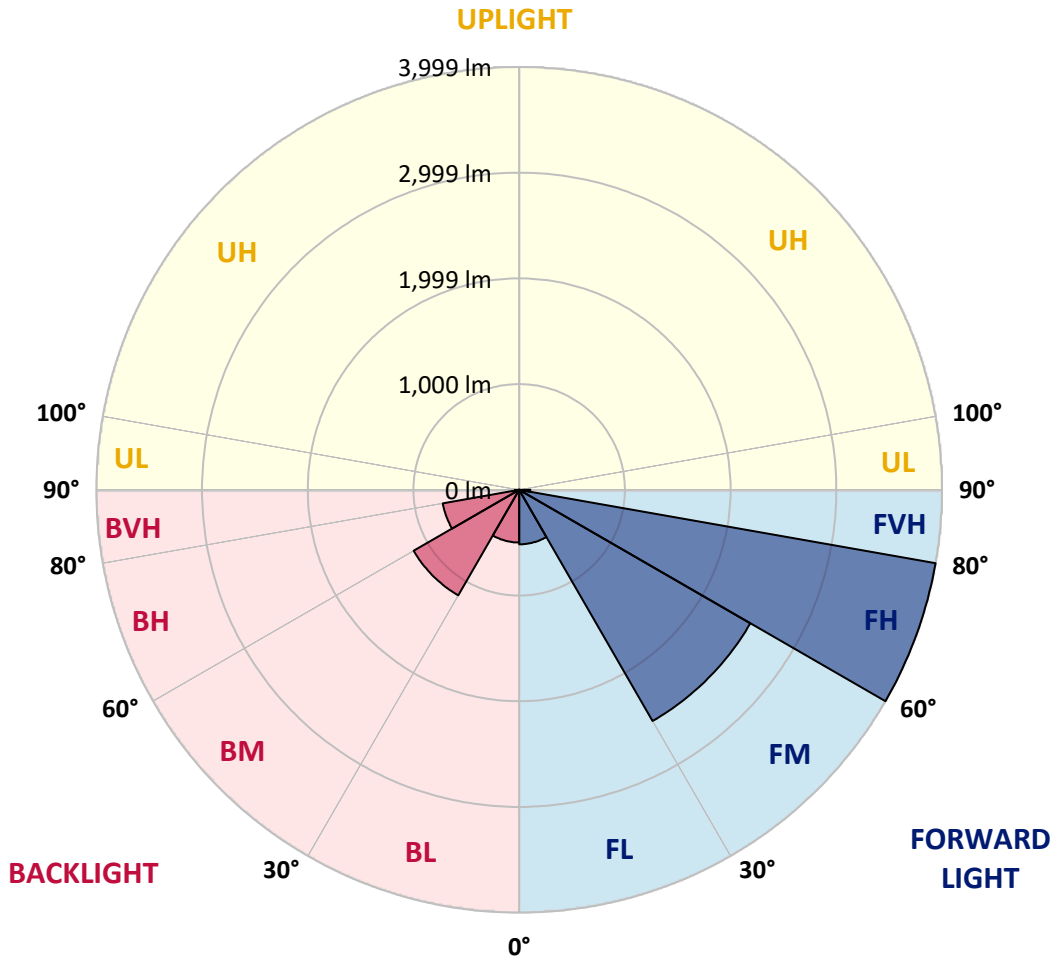
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	515.3	5.4			
FM	(30°-60°)	2524.1	26.4			
FH	(60°-80°)	3998.6	41.8			G2/5000
FVH	(80°-90°)	105.3	1.1			G2/225
BL	(0°-30°)	498.6	5.2	B1/500		
BM	(30°-60°)	1152.0	12.0	B2/2500		
BH	(60°-80°)	733.1	7.7	B2/1000		G2/1000
BVH	(80°-90°)	40.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Medium



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	990.3	990.3	990.3	990.3	990.3	990.3	*990.3*	990.3	990.3	990.3	990.3
2.5°	1046.7	1037.3	1037.3	1032.6	1027.9	1018.5	*1009.1*	1013.8	1004.4	999.7	995.0
5°	1140.5	1126.5	1117.1	1107.7	1093.6	1074.8	*1060.7*	1051.4	1032.6	1013.8	1004.4
7.5°	1215.6	1215.6	1196.9	1187.5	1159.3	1135.8	*1117.1*	1103.0	1070.1	1042.0	1023.2
10°	1290.7	1276.6	1267.3	1239.1	1210.9	1182.8	*1164.0*	1149.9	1117.1	1079.5	1051.4
12.5°	1328.3	1328.3	1300.1	1272.0	1243.8	1215.6	*1201.6*	1192.2	1159.3	1126.5	1088.9
15°	1351.7	1342.4	1318.9	1290.7	1262.6	1243.8	*1234.4*	1225.0	1201.6	1173.4	1121.8
17.5°	1337.7	1328.3	1300.1	1276.6	1257.9	1253.2	*1243.8*	1239.1	1225.0	1201.6	1154.6
20°	1304.8	1290.7	1276.6	1253.2	1243.8	1253.2	*1248.5*	1253.2	1243.8	1220.3	1182.8
22.5°	1267.3	1257.9	1248.5	1225.0	1229.7	1243.8	*1243.8*	1257.9	1253.2	1243.8	1206.2
25°	1239.1	1239.1	1220.3	1206.2	1215.6	1239.1	*1248.5*	1262.6	1267.3	1257.9	1234.4
27.5°	1234.4	1225.0	1215.6	1201.6	1210.9	1234.4	*1253.2*	1276.6	1290.7	1281.3	1267.3
30°	1239.1	1229.7	1220.3	1215.6	1215.6	1243.8	*1257.9*	1286.0	1314.2	1309.5	1290.7
32.5°	1272.0	1262.6	1253.2	1234.4	1234.4	1257.9	*1272.0*	1309.5	1347.1	1347.1	1318.9
35°	1337.7	1328.3	1309.5	1276.6	1272.0	1286.0	*1300.1*	1337.7	1384.6	1389.3	1356.4
37.5°	1478.5	1469.1	1417.5	1356.4	1323.6	1328.3	*1342.4*	1375.2	1436.2	1440.9	1403.4
40°	1750.7	1722.5	1638.1	1501.9	1412.8	1394.0	*1398.7*	1431.5	1501.9	1506.6	1464.4
42.5°	2051.1	2037.0	1929.1	1731.9	1563.0	1487.9	*1487.9*	1511.3	1600.5	1614.6	1553.6
45°	2398.4	2356.2	2243.5	1999.5	1769.5	1647.4	*1609.9*	1628.7	1717.8	1760.1	1680.3
47.5°	2727.0	2694.1	2558.0	2309.2	2008.8	1849.3	*1792.9*	1792.9	1896.2	1957.2	1868.0
50°	3041.4	3003.9	2849.0	2656.6	2337.4	2098.0	*2027.6*	2004.2	2112.1	2220.1	2116.8
52.5°	3215.1	3196.3	3125.9	2975.7	2703.5	2393.7	*2295.2*	2271.7	2407.8	2506.4	2417.2
55°	3379.4	3370.0	3402.8	3327.7	3121.2	2773.9	*2609.6*	2576.8	2727.0	2867.8	2764.5
57.5°	3553.0	3562.4	3684.4	3736.1	3595.3	3158.8	*2947.6*	2905.3	3135.3	3257.3	3177.5
60°	3750.2	3764.2	3905.0	4144.4	4088.1	3571.8	*3327.7*	3341.8	3553.0	3689.1	3689.1
62.5°	3825.3	3825.3	4153.8	4491.7	4562.1	4013.0	*3778.3*	3783.0	4036.5	4130.3	4130.3
65°	3548.3	3590.6	4022.4	4665.4	5050.3	4529.3	*4336.9*	4289.9	4444.8	4379.1	4440.1
67.5°	3445.1	3487.3	3909.7	4519.9	5388.2	5106.6	*4937.6*	4782.7	4665.4	4482.4	4829.7
70°	3111.8	3201.0	3820.6	4749.9	5524.3	5787.2	*5468.0*	5087.8	4928.2	4735.8	5036.2
72.5°	2145.0	2276.4	3022.7	4473.0	5838.8	5909.2	*6031.2*	5763.7	5364.7	4768.7	4679.5
75°	*699.3*	*769.7*	*1459.7*	*2825.5*	*4754.6*	*5928.0*	*6143.9*	*6012.5*	*5618.2*	*4463.6*	*3745.5*
77.5°	220.6	220.6	384.9	981.0	2187.2	4749.9	*5022.1*	4660.7	4641.9	2971.0	1750.7
80°	122.0	131.4	206.5	352.0	628.9	1952.5	*2642.5*	2027.6	1220.3	666.5	361.4
82.5°	56.3	65.7	108.0	169.0	356.7	286.3	*323.9*	309.8	413.0	215.9	112.6
85°	28.2	32.9	42.2	79.8	154.9	93.9	*98.6*	103.3	154.9	112.6	51.6
87.5°	4.7	4.7	9.4	14.1	28.2	18.8	*18.8*	23.5	28.2	28.2	23.5
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	990.3	990.3	990.3	990.3	990.3	990.3	990.3	990.3	990.3	990.3	990.3
2.5°	990.3	990.3	985.6	981.0	981.0	976.3	976.3	971.6	976.3	976.3	976.3
5°	995.0	995.0	981.0	976.3	976.3	981.0	981.0	981.0	981.0	990.3	995.0
7.5°	1009.1	1004.4	995.0	990.3	999.7	999.7	1004.4	1018.5	1013.8	1027.9	1027.9
10°	1042.0	1032.6	1018.5	1018.5	1027.9	1032.6	1037.3	1046.7	1056.1	1060.7	1065.4
12.5°	1074.8	1060.7	1051.4	1051.4	1060.7	1070.1	1079.5	1084.2	1098.3	1103.0	1103.0
15°	1107.7	1098.3	1088.9	1088.9	1103.0	1112.4	1121.8	1135.8	1140.5	1154.6	1159.3
17.5°	1140.5	1135.8	1126.5	1135.8	1145.2	1164.0	1173.4	1187.5	1196.9	1196.9	1206.2
20°	1173.4	1168.7	1173.4	1182.8	1196.9	1215.6	1229.7	1229.7	1234.4	1234.4	1243.8
22.5°	1196.9	1196.9	1215.6	1215.6	1243.8	1257.9	1253.2	1253.2	1262.6	1262.6	1262.6
25°	1225.0	1239.1	1257.9	1243.8	1267.3	1267.3	1272.0	1272.0	1267.3	1276.6	1267.3
27.5°	1262.6	1276.6	1290.7	1262.6	1272.0	1267.3	1281.3	1276.6	1272.0	1286.0	1286.0
30°	1300.1	1314.2	1314.2	1267.3	1243.8	1239.1	1262.6	1272.0	1281.3	1295.4	1300.1
32.5°	1328.3	1351.7	1323.6	1248.5	1178.1	1196.9	1220.3	1253.2	1276.6	1295.4	1304.8
35°	1370.5	1389.3	1333.0	1196.9	1121.8	1135.8	1178.1	1220.3	1243.8	1257.9	1272.0
37.5°	1417.5	1440.9	1328.3	1126.5	1056.1	1065.4	1112.4	1154.6	1173.4	1187.5	1210.9
40°	1473.8	1497.2	1318.9	1060.7	995.0	990.3	1023.2	1037.3	1056.1	1084.2	1117.1
42.5°	1563.0	1581.7	1333.0	999.7	919.9	915.2	896.5	882.4	896.5	901.2	910.6
45°	1689.7	1699.1	1356.4	957.5	858.9	835.5	760.4	727.5	704.0	661.8	685.3
47.5°	1868.0	1872.7	1389.3	915.2	807.3	741.6	657.1	596.1	535.1	492.8	497.5
50°	2126.2	2130.9	1422.1	863.6	736.9	643.0	567.9	506.9	455.3	417.7	417.7
52.5°	2464.1	2454.7	1464.4	788.5	643.0	558.5	502.2	450.6	408.3	380.2	380.2
55°	2877.2	2928.8	1553.6	685.3	544.5	502.2	460.0	422.4	384.9	361.4	356.7
57.5°	3388.8	3492.0	1670.9	586.7	478.7	460.0	431.8	399.0	366.1	337.9	337.9
60°	4055.2	4116.3	1764.8	492.8	427.1	427.1	408.3	380.2	337.9	305.1	300.4
62.5°	4726.4	4609.1	1591.1	427.1	389.6	399.0	380.2	342.6	323.9	309.8	309.8
65°	5214.5	4886.0	1145.2	380.2	361.4	380.2	352.0	356.7	342.6	333.2	333.2
67.5°	5651.0	5069.0	732.2	347.3	333.2	356.7	375.5	380.2	356.7	323.9	319.2
70°	5472.7	4519.9	399.0	305.1	309.8	337.9	422.4	370.8	328.5	305.1	295.7
72.5°	4562.1	3548.3	300.4	267.5	267.5	319.2	389.6	342.6	295.7	281.6	276.9
75°	*3069.6*	*2116.8*	*234.7*	*225.3*	*230.0*	*258.1*	*342.6*	*314.5*	*281.6*	*319.2*	*323.9*
77.5°	1239.1	769.7	187.7	178.4	169.0	215.9	309.8	291.0	253.5	267.5	230.0
80°	342.6	230.0	136.1	126.7	122.0	173.7	253.5	225.3	178.4	187.7	164.3
82.5°	117.3	103.3	98.6	84.5	79.8	112.6	169.0	145.5	131.4	117.3	117.3
85°	46.9	51.6	51.6	46.9	42.2	61.0	112.6	89.2	89.2	70.4	70.4
87.5°	23.5	23.5	18.8	14.1	14.1	18.8	32.9	14.1	14.1	14.1	14.1
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

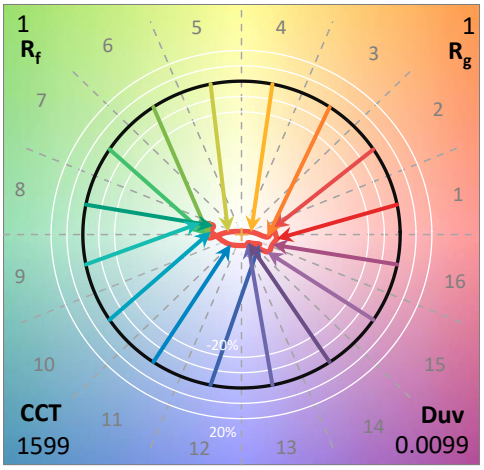
Test Information

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

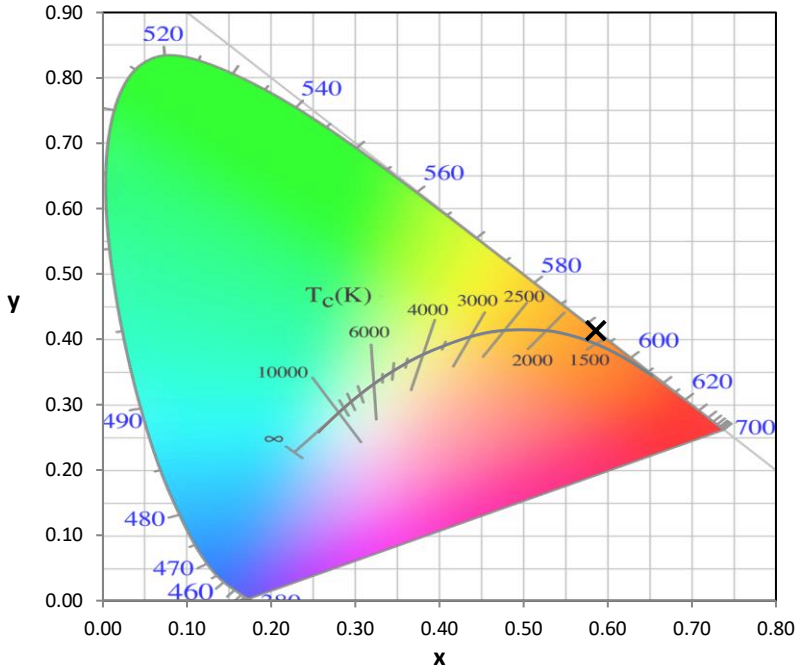
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

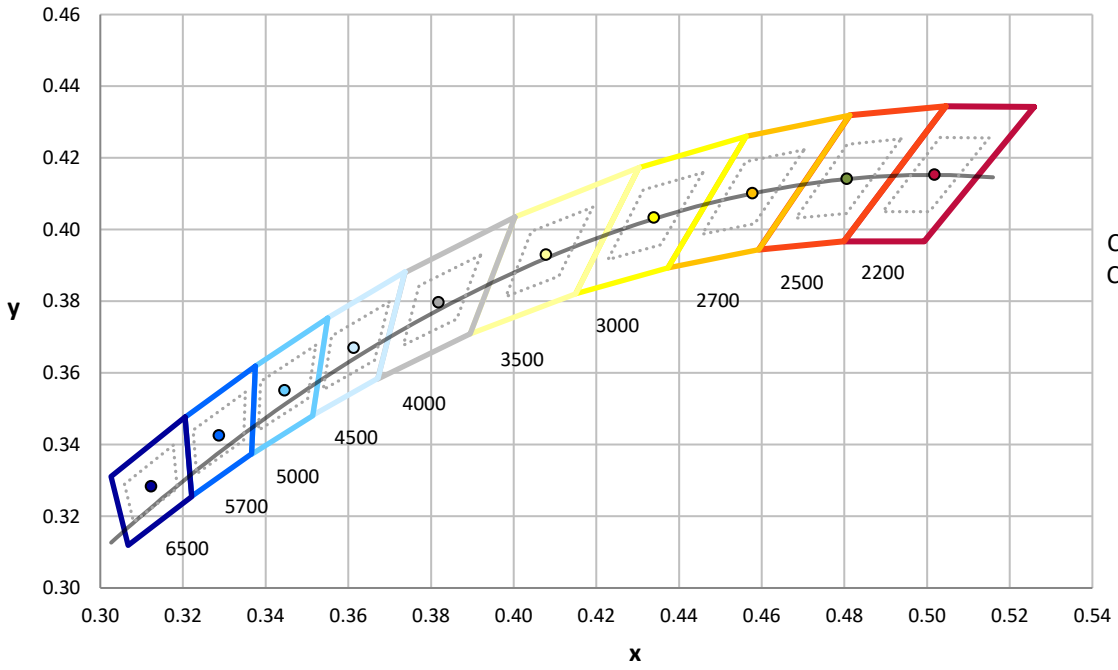
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

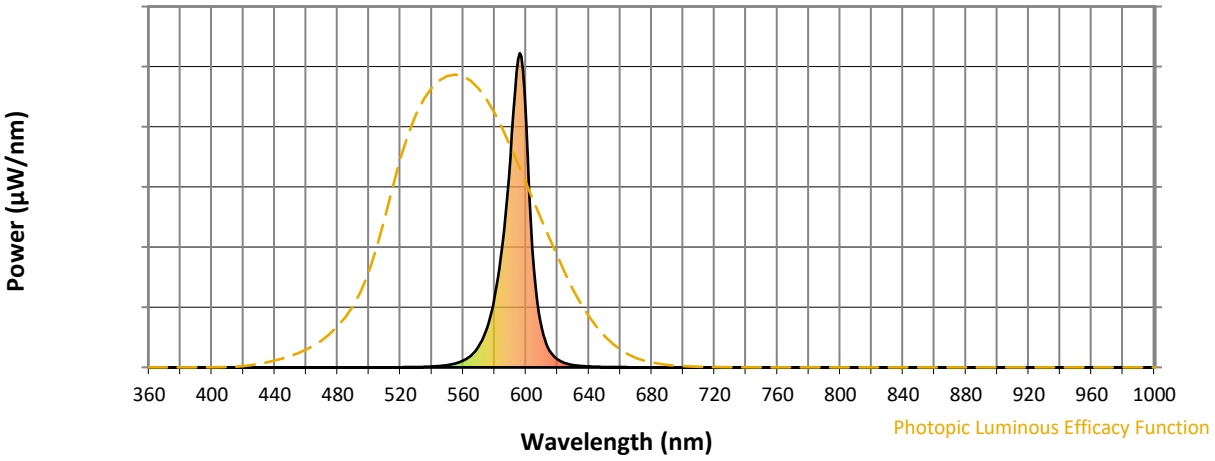


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

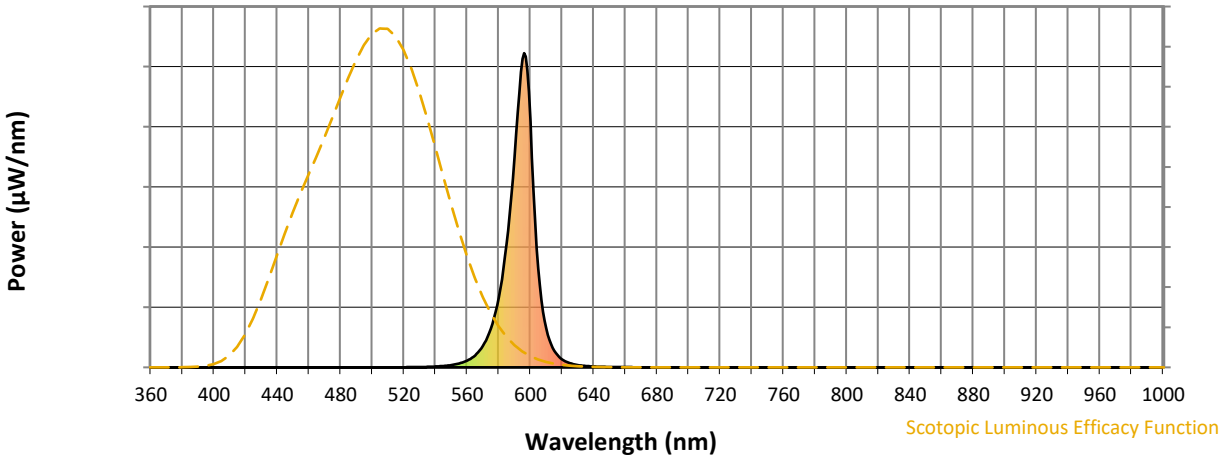


Photopic Lumens: NR

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

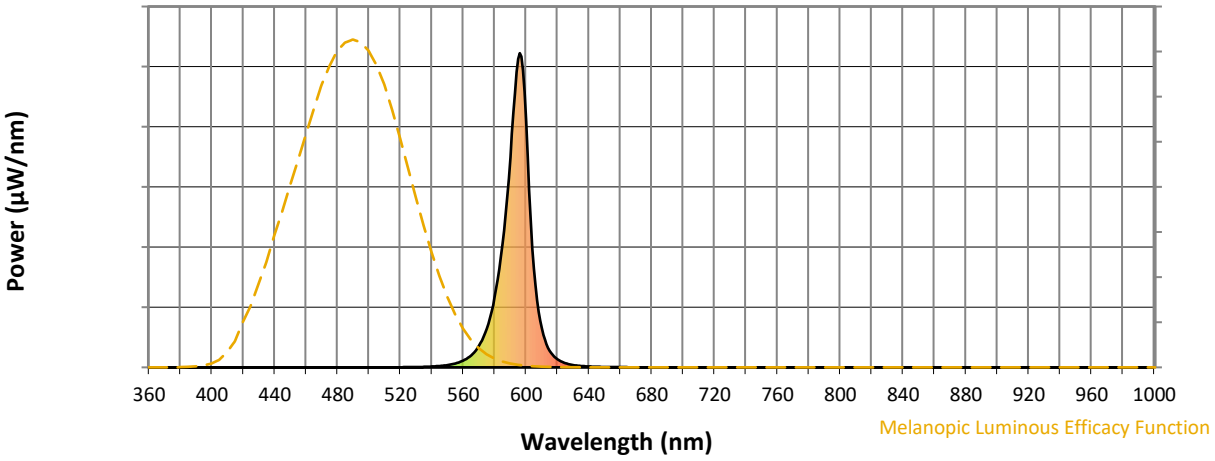


Scotopic Lumens: NR **S/P: 0.23**

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			

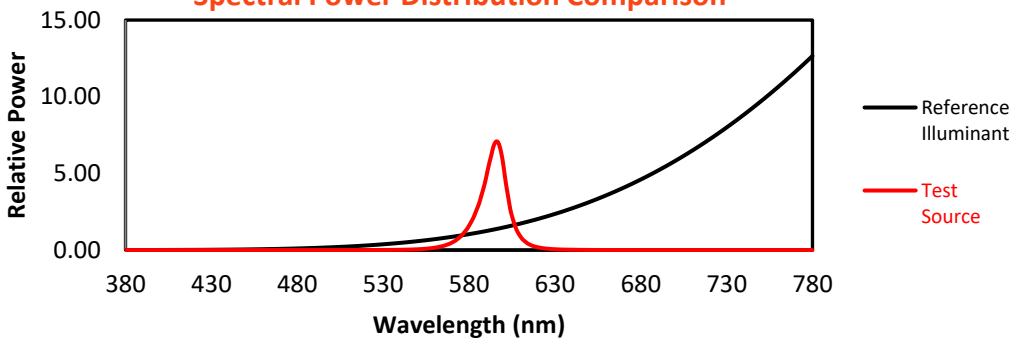
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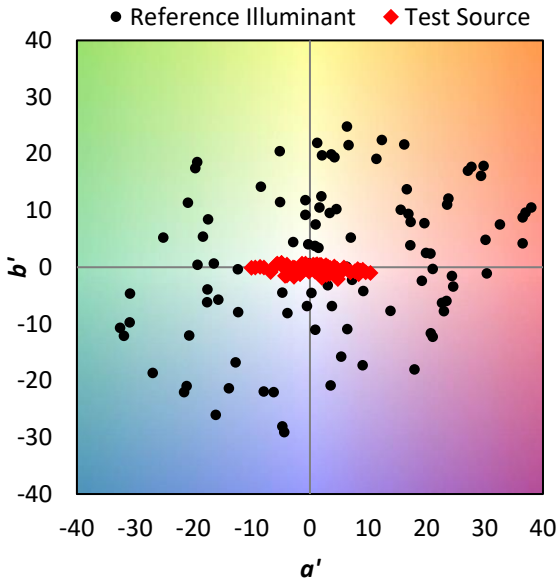
Summary

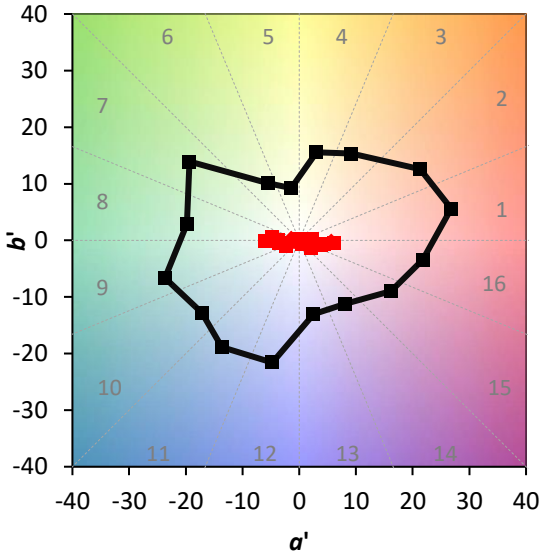
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

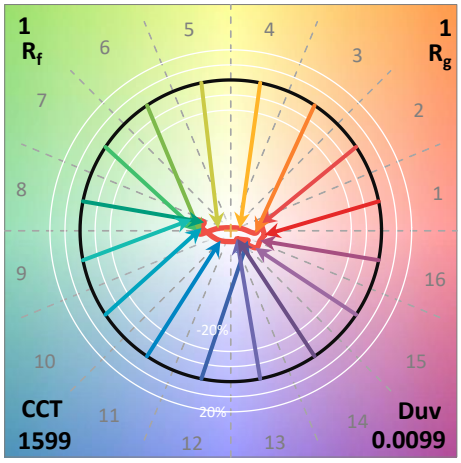
Spectral Power Distribution Comparison

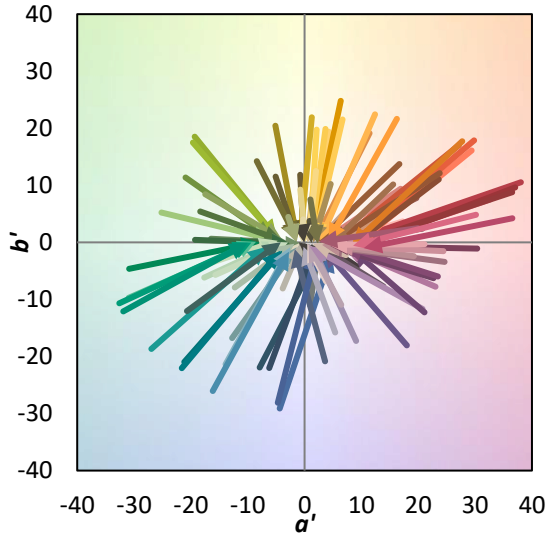


Color Vector Graphics







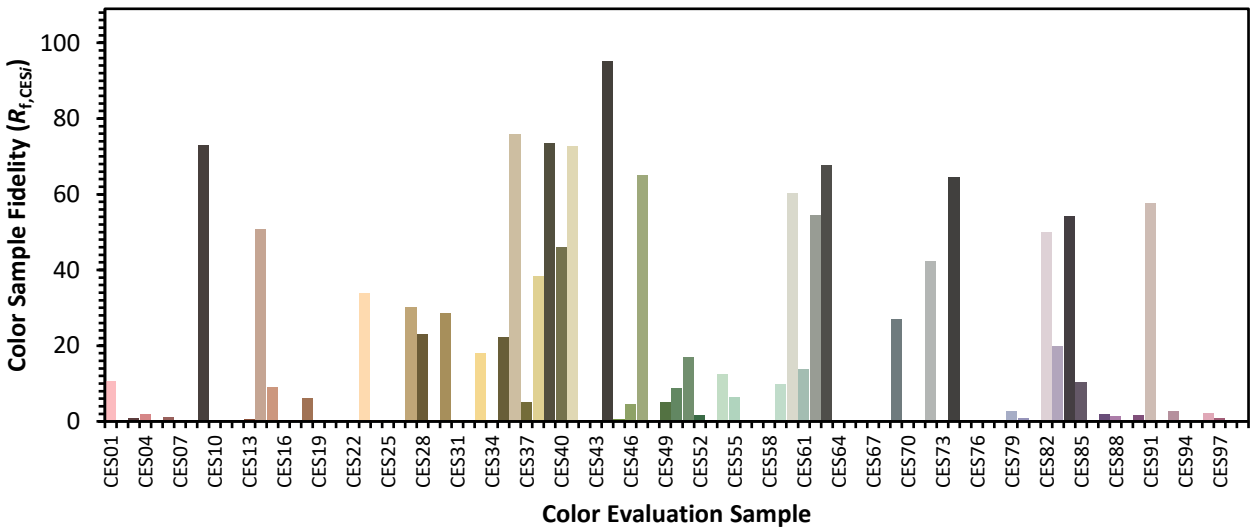


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Individual Sample Fidelity Index ($R_{f,i}$)

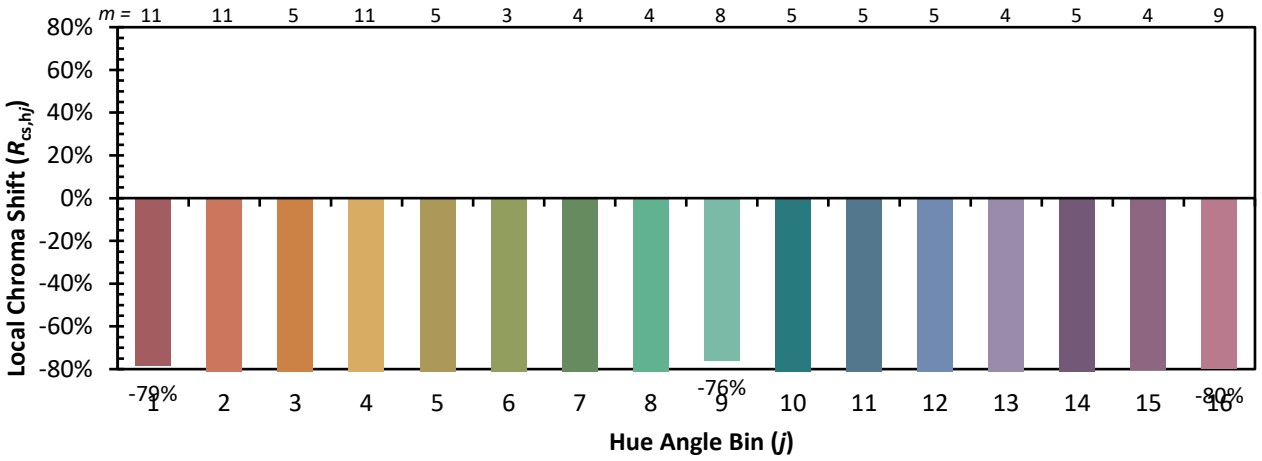
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

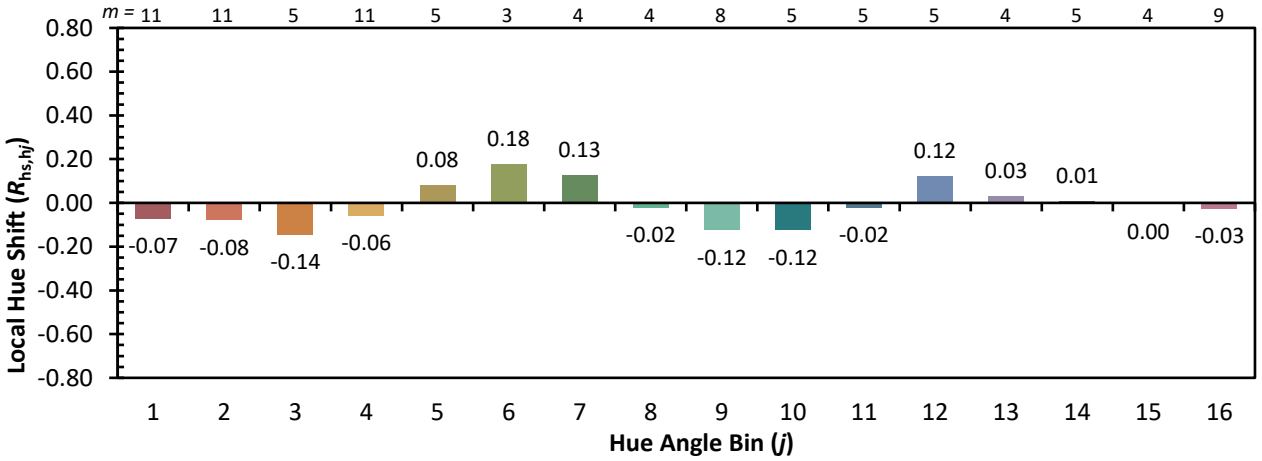


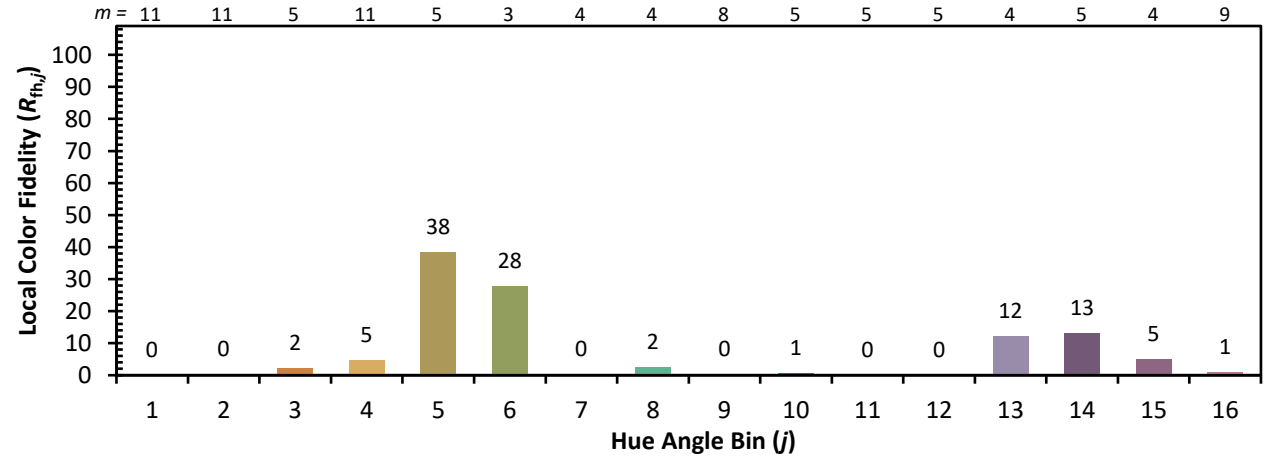
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Color Rendition by Hue-Angle Bin



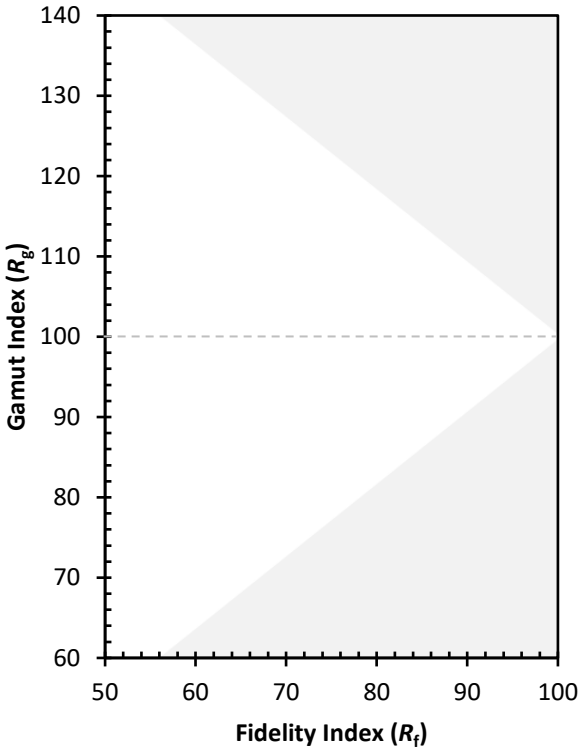


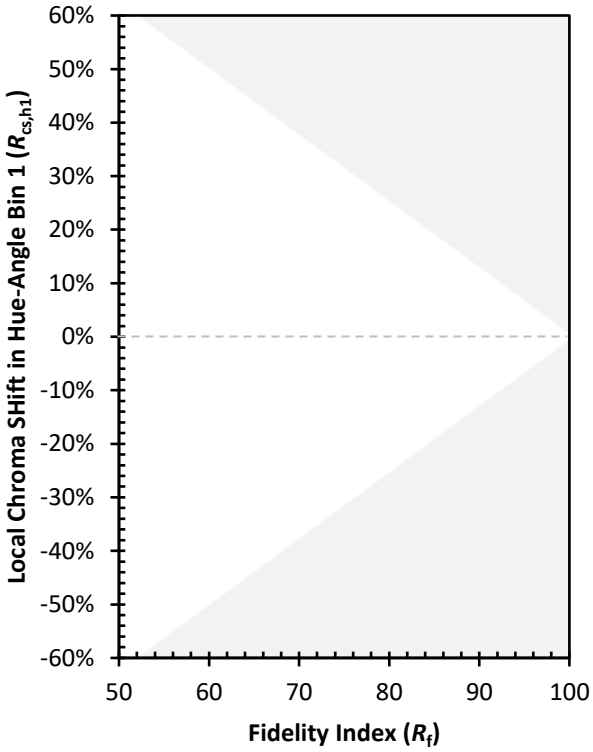


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Measure Comparisons





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