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-T3R

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-T3R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T3 ROADWAY DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9999.5 lumens
Efficiency:	N/A
Efficacy:	62.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - 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

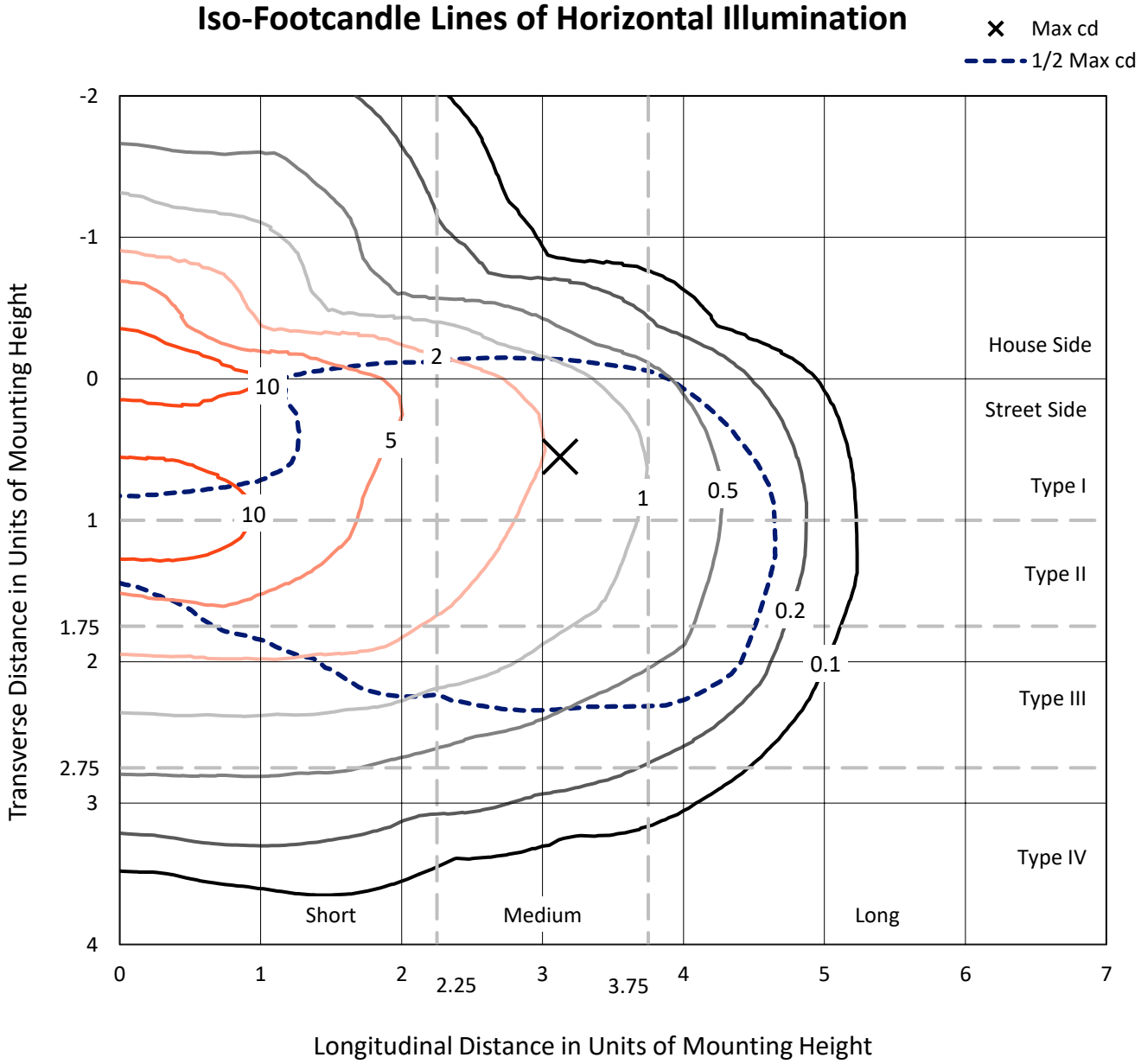


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



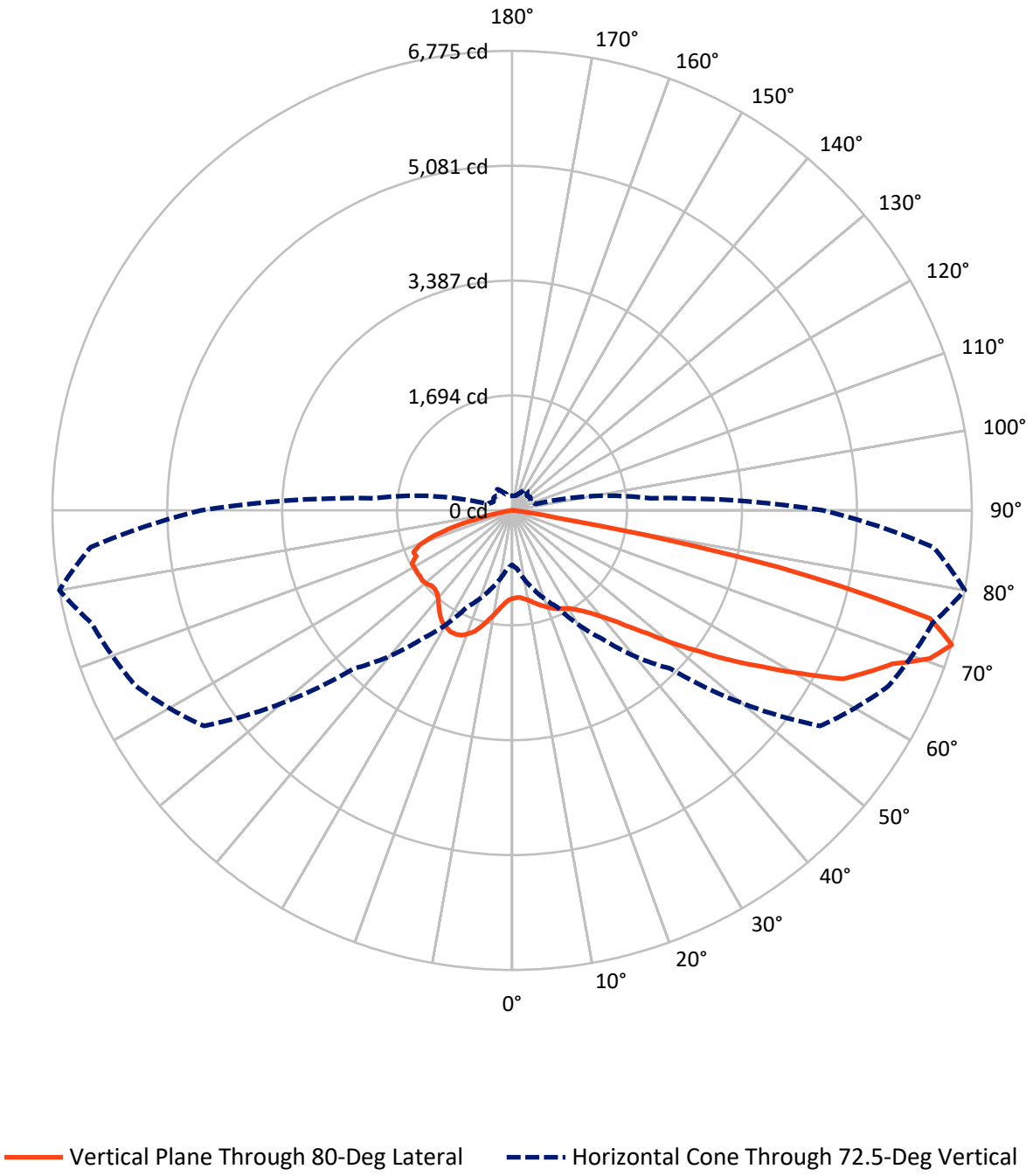
Based on 10 foot mounting height. Maximum calculated value = 16.8 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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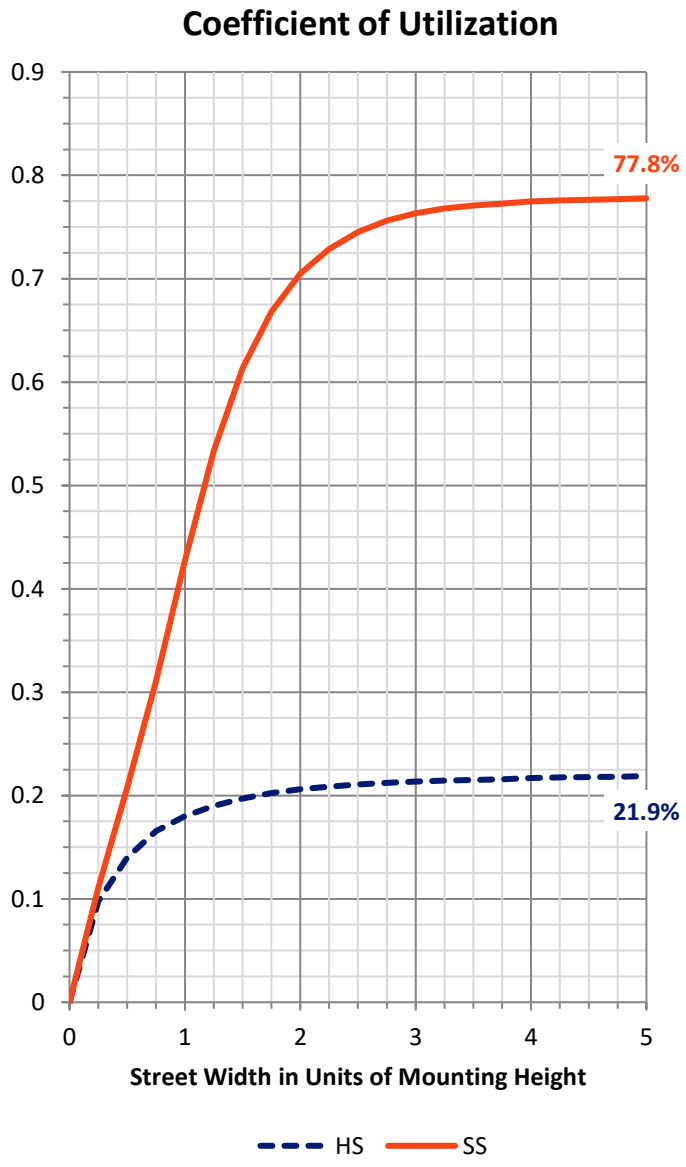
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2206.1	0.0	2206.1
	% Fixture	22.1	0.0	22.1
Street Side	Lumens	7793.4	0.0	7793.4
	% Fixture	77.9	0.0	77.9
Total	Lumens	9999.5	0.0	9999.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.4	1.3
10°-20°	381.0	3.8
20°-30°	597.1	6.0
30°-40°	922.3	9.2
40°-50°	1523.7	15.2
50°-60°	2255.4	22.6
60°-70°	2456.1	24.6
70°-80°	1642.1	16.4
80°-90°	91.4	0.9
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°	9999.5	100.0
0°-180°	9999.5	100.0



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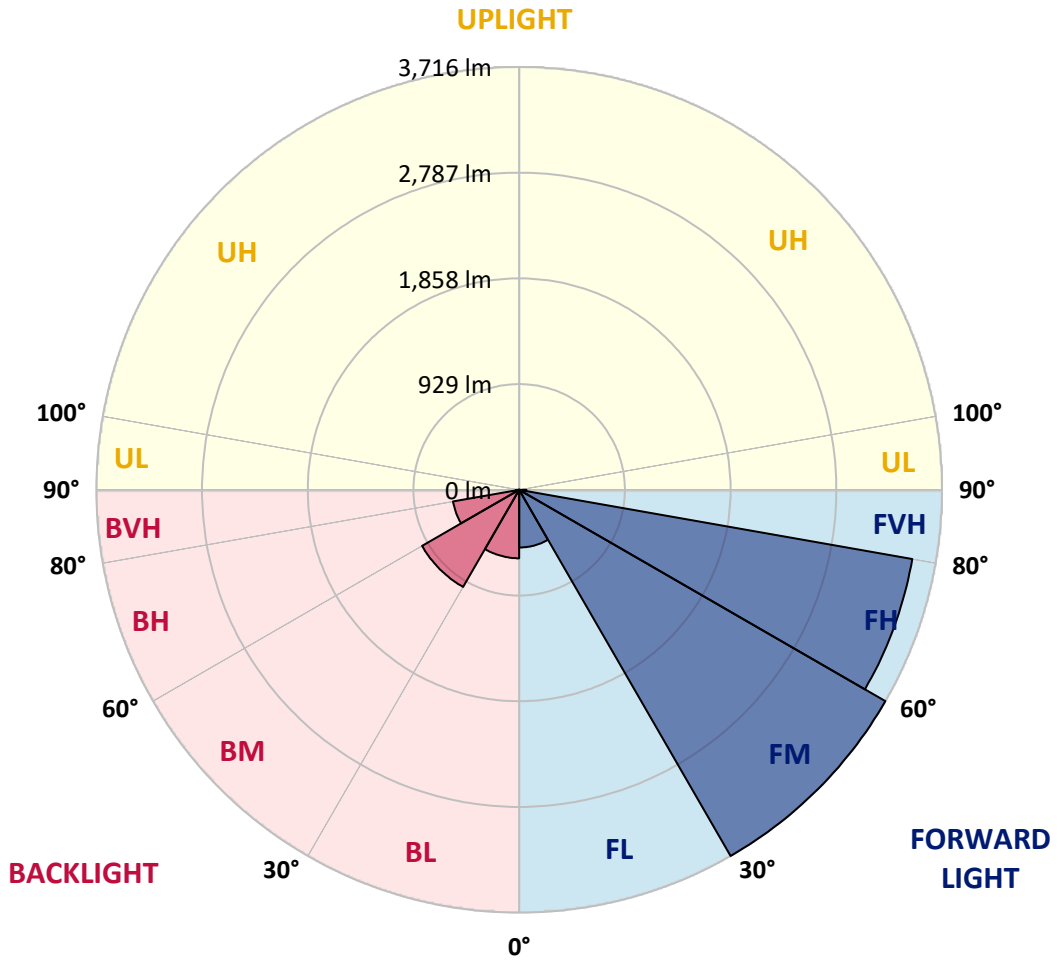
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	506.8	5.1			
FM	(30°-60°)	3715.7	37.2			
FH	(60°-80°)	3508.0	35.1			G2/5000
FVH	(80°-90°)	62.9	0.6			G1/100
BL	(0°-30°)	601.7	6.0	B2/1000		
BM	(30°-60°)	985.7	9.9	B1/1000		
BH	(60°-80°)	590.3	5.9	B2/1000		G2/1000
BVH	(80°-90°)	28.4	0.3			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 III Medium



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	*1299.6*	1299.6
2.5°	1229.2	1238.6	1233.9	1243.3	1243.3	1252.7	1262.0	1266.7	1280.8	*1285.5*	1290.2
5°	1154.1	1144.8	1144.8	1163.5	1177.6	1196.4	1219.8	1248.0	1280.8	*1290.2*	1304.3
7.5°	1041.5	1041.5	1046.2	1074.4	1107.2	1149.4	1187.0	1238.6	1294.9	*1318.3*	1337.1
10°	975.9	975.9	975.9	999.3	1032.2	1093.1	1163.5	1233.9	1313.7	*1346.5*	1384.0
12.5°	947.7	943.0	947.7	961.8	989.9	1046.2	1135.4	1238.6	1341.8	*1393.4*	1440.3
15°	938.3	938.3	943.0	947.7	971.2	1022.8	1116.6	1248.0	1379.3	*1435.6*	1496.6
17.5°	938.3	943.0	938.3	947.7	966.5	1013.4	1111.9	1257.4	1412.2	*1482.6*	1543.5
20°	947.7	952.4	947.7	952.4	971.2	1018.1	1111.9	1271.4	1449.7	*1524.8*	1599.8
22.5°	994.6	994.6	985.2	980.5	994.6	1027.5	1116.6	1285.5	1487.2	*1571.7*	1646.8
25°	1074.4	1069.7	1050.9	1041.5	1036.8	1065.0	1130.7	1309.0	1524.8	*1604.5*	1693.7
27.5°	1257.4	1266.7	1219.8	1154.1	1121.3	1116.6	1172.9	1332.4	1567.0	*1637.4*	1735.9
30°	1642.1	1604.5	1529.5	1393.4	1257.4	1196.4	1219.8	1370.0	1609.2	*1679.6*	1792.2
32.5°	2036.2	2031.5	1886.0	1703.1	1501.3	1341.8	1294.9	1426.3	1674.9	*1745.3*	1853.2
35°	2552.2	2556.9	2336.4	2050.2	1782.8	1515.4	1398.1	1496.6	1754.7	*1825.0*	1947.0
37.5°	3035.5	3012.0	2843.1	2514.7	2125.3	1735.9	1534.2	1595.2	1848.5	*1932.9*	2083.1
40°	3471.8	3429.6	3335.7	3040.2	2538.2	2036.2	1707.7	1712.4	1965.8	*2069.0*	2261.4
42.5°	3720.5	3725.1	3725.1	3570.3	3049.6	2402.1	1932.9	1886.0	2125.3	*2233.2*	2486.6
45°	3926.9	3908.1	4006.6	4025.4	3612.5	2866.6	2233.2	2087.8	2336.4	*2463.1*	2777.4
47.5°	4147.4	4189.6	4260.0	4438.3	4189.6	3387.3	2608.5	2369.3	2608.5	*2725.8*	3115.2
50°	4424.2	4428.9	4555.6	4771.4	4715.1	4006.6	3058.9	2683.6	2922.9	*3082.4*	3481.2
52.5°	4269.4	4344.4	4635.3	4987.2	5099.8	4574.3	3546.9	3082.4	3293.5	*3453.0*	3903.4
55°	3340.4	3617.2	4513.3	4987.2	5268.7	5066.9	4086.4	3509.3	3682.9	*3894.0*	4321.0
57.5°	2763.4	2833.7	3570.3	4771.4	5071.6	5367.2	4611.9	4030.1	4142.7	*4349.1*	4818.3
60°	2547.5	2589.8	2946.3	4428.9	4729.2	5301.5	5071.6	4532.1	4635.3	*4874.6*	5343.8
62.5°	2097.2	2144.1	2486.6	3645.4	4405.4	5071.6	5418.8	5038.8	5165.5	*5470.4*	5827.0
65°	1853.2	1890.7	2101.8	2763.4	4039.5	5024.7	5583.0	5475.1	5522.0	*5751.9*	5822.3
67.5°	1646.8	1679.6	1914.2	2411.5	3321.7	5057.6	5662.8	5498.6	5672.2	*6042.8*	6122.6
70°	1370.0	1402.8	1595.2	2069.0	2885.3	4555.6	5432.9	5827.0	6202.3	*6535.4*	6361.8
72.5°	*802.3*	*863.3*	*1196.4*	*1571.7*	*2308.3*	*3298.2*	*5540.8*	*6122.6*	*6418.1*	*6774.7*	*6235.2*
75°	239.3	253.3	558.3	886.7	1177.6	2289.5	4016.0	6099.1	6296.2	*6361.8*	5503.3
77.5°	173.6	187.7	276.8	436.3	455.1	1060.3	2467.8	4560.3	4349.1	*4011.3*	2951.0
80°	131.4	136.1	206.4	215.8	220.5	347.2	642.8	896.1	1060.3	*652.1*	563.0
82.5°	84.4	93.8	154.8	131.4	112.6	117.3	159.5	244.0	244.0	*140.7*	122.0
85°	37.5	46.9	93.8	65.7	42.2	51.6	70.4	89.1	75.1	*51.6*	46.9
87.5°	4.7	4.7	4.7	9.4	9.4	14.1	18.8	23.5	28.1	*28.1*	28.1
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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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6	1299.6
2.5°	1299.6	1313.7	1323.0	1337.1	1355.9	1374.6	1388.7	1402.8	1407.5	1412.2	1407.5
5°	1323.0	1346.5	1402.8	1445.0	1491.9	1524.8	1543.5	1567.0	1571.7	1576.4	1585.8
7.5°	1365.3	1402.8	1496.6	1552.9	1623.3	1656.1	1684.3	1684.3	1679.6	1679.6	1679.6
10°	1426.3	1487.2	1609.2	1684.3	1750.0	1745.3	1703.1	1660.8	1623.3	1609.2	1609.2
12.5°	1491.9	1571.7	1721.8	1820.3	1806.3	1721.8	1613.9	1529.5	1477.9	1459.1	1449.7
15°	1567.0	1674.9	1834.4	1895.4	1782.8	1604.5	1473.2	1393.4	1341.8	1318.3	1318.3
17.5°	1642.1	1768.7	1951.7	1904.8	1670.2	1459.1	1318.3	1229.2	1196.4	1177.6	1177.6
20°	1707.7	1843.8	2012.7	1825.0	1510.7	1285.5	1163.5	1135.4	1144.8	1154.1	1158.8
22.5°	1778.1	1928.3	2040.9	1689.0	1332.4	1111.9	1079.1	1107.2	1140.1	1154.1	1154.1
25°	1843.8	2008.0	2003.3	1520.1	1111.9	1004.0	1036.8	1083.8	1121.3	1158.8	1158.8
27.5°	1914.2	2087.8	1923.6	1290.2	938.3	933.6	980.5	1050.9	1121.3	1172.9	1177.6
30°	1989.2	2153.5	1792.2	1055.6	830.4	863.3	924.2	1013.4	1088.5	1144.8	1158.8
32.5°	2101.8	2223.8	1656.1	844.5	755.4	788.2	863.3	938.3	1018.1	1050.9	1055.6
35°	2223.8	2275.4	1473.2	708.4	685.0	727.2	788.2	830.4	844.5	849.2	853.9
37.5°	2369.3	2331.7	1248.0	642.8	633.4	675.6	703.7	675.6	666.2	647.4	647.4
40°	2561.6	2392.7	1022.8	609.9	605.2	633.4	609.9	563.0	534.8	530.2	525.5
42.5°	2754.0	2453.7	839.8	591.1	595.8	614.6	548.9	506.7	469.2	455.1	459.8
45°	2974.5	2528.8	717.8	591.1	600.5	609.9	534.8	473.9	436.3	469.2	483.2
47.5°	3209.1	2585.1	666.2	591.1	609.9	600.5	539.5	450.4	436.3	506.7	530.2
50°	3443.6	2669.5	656.8	595.8	614.6	600.5	520.8	459.8	426.9	492.6	520.8
52.5°	3678.2	2697.7	656.8	595.8	624.0	609.9	511.4	450.4	408.2	431.6	441.0
55°	3945.7	2674.2	661.5	586.5	628.7	609.9	516.1	431.6	375.3	389.4	398.8
57.5°	4199.0	2678.9	661.5	563.0	619.3	586.5	525.5	417.6	365.9	370.6	370.6
60°	4508.6	2674.2	661.5	530.2	600.5	553.6	530.2	408.2	356.6	356.6	361.3
62.5°	4799.5	2693.0	647.4	502.0	567.7	534.8	525.5	394.1	337.8	314.3	309.6
65°	4644.7	2519.4	609.9	455.1	525.5	511.4	506.7	375.3	314.3	290.9	290.9
67.5°	4823.0	2571.0	586.5	412.9	445.7	473.9	469.2	351.9	286.2	267.4	267.4
70°	4860.5	2402.1	492.6	365.9	394.1	412.9	412.9	314.3	253.3	239.3	239.3
72.5°	*4579.0*	*2050.2*	*365.9*	*300.3*	*328.4*	*309.6*	*380.0*	*286.2*	*225.2*	*215.8*	*215.8*
75°	3786.1	1426.3	258.0	239.3	239.3	267.4	319.0	262.7	201.7	201.7	192.4
77.5°	1857.9	600.5	178.3	178.3	178.3	211.1	262.7	234.6	197.0	197.0	164.2
80°	492.6	229.9	107.9	98.5	107.9	140.7	187.7	173.6	154.8	140.7	98.5
82.5°	145.4	89.1	70.4	61.0	61.0	70.4	131.4	117.3	79.8	61.0	61.0
85°	51.6	46.9	37.5	32.8	28.1	23.5	37.5	61.0	37.5	32.8	32.8
87.5°	23.5	23.5	18.8	14.1	9.4	4.7	4.7	4.7	4.7	4.7	4.7
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

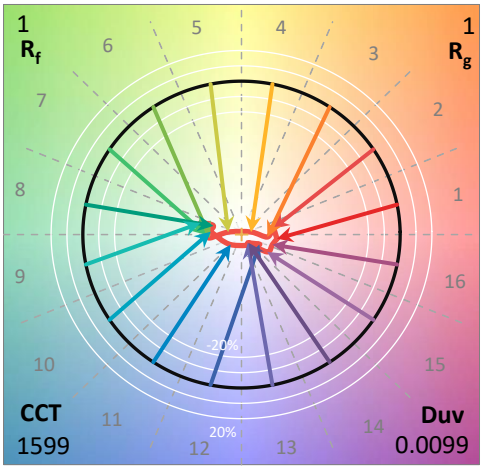
Test Information

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

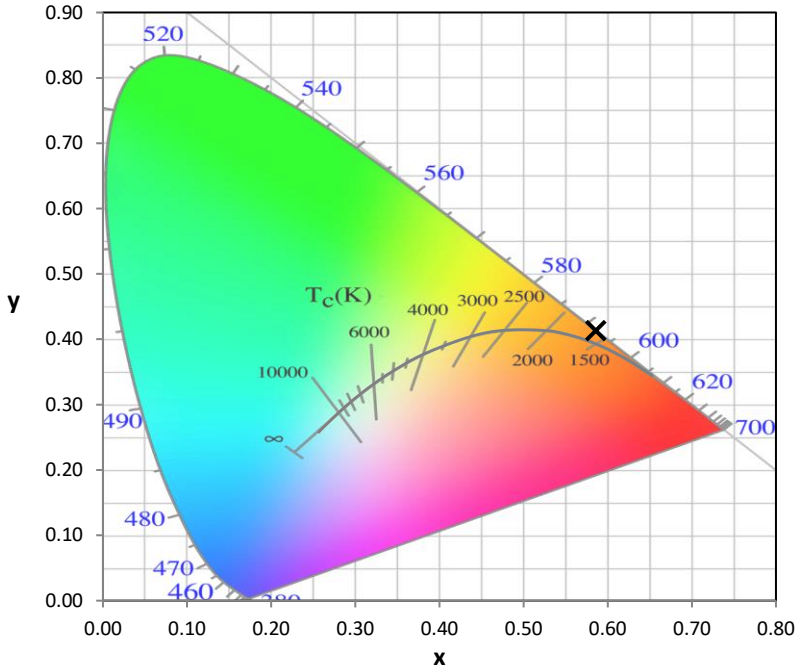
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

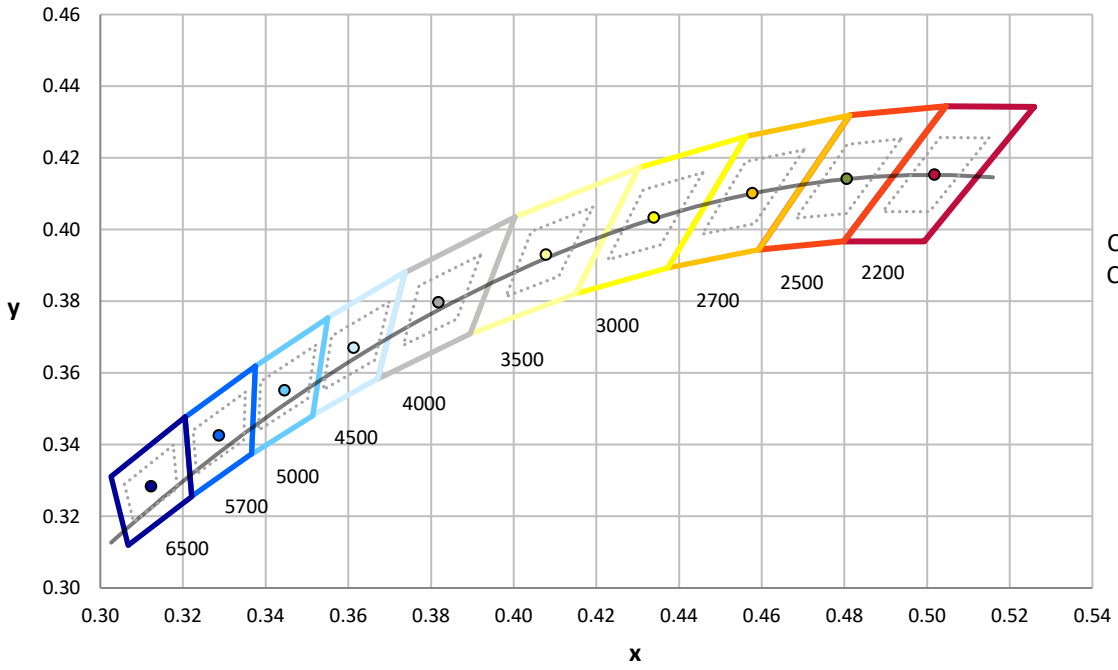
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

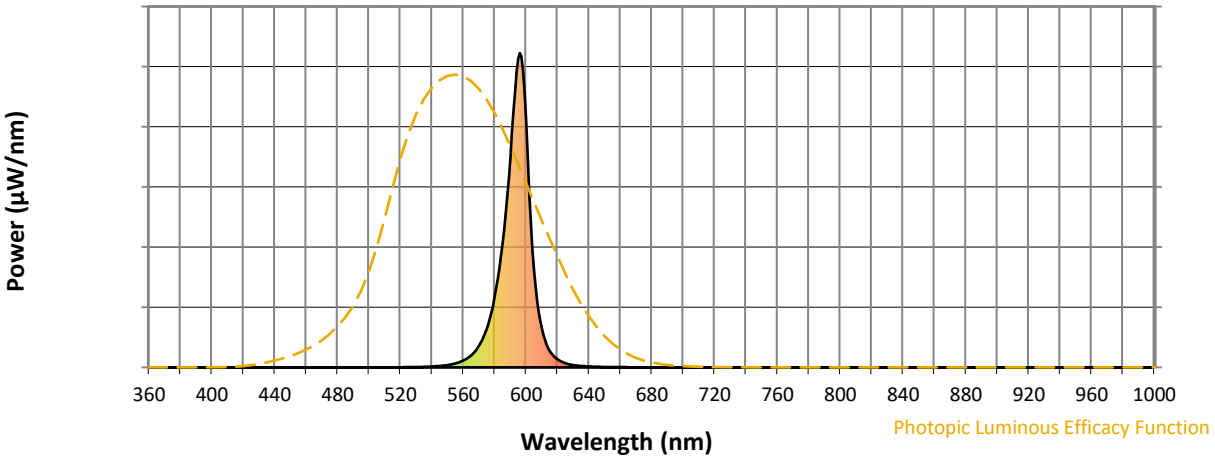


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

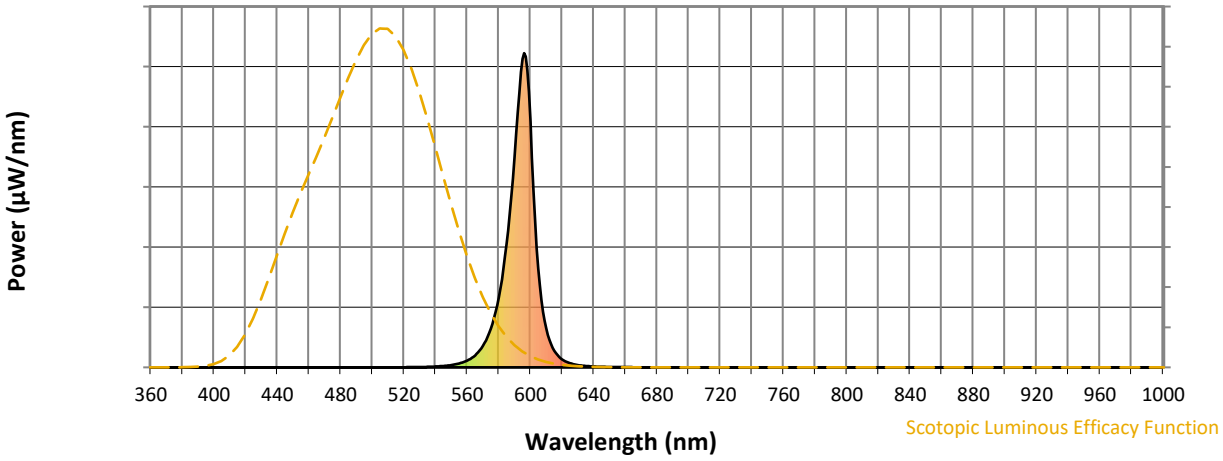


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

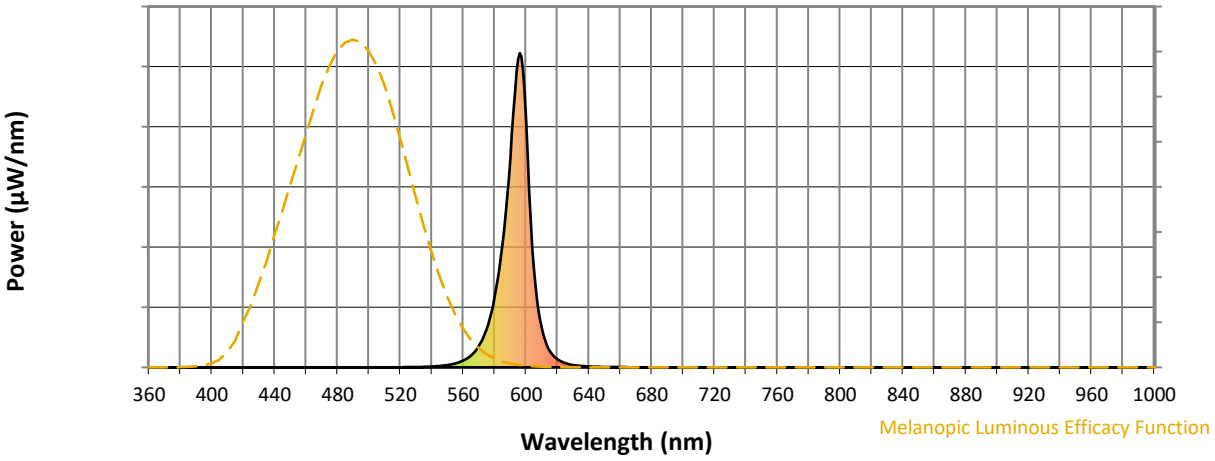


Scotopic Lumens: NR **S/P: 0.23**

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			

REPORT NUMBER: SP3-2509-541-1

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			

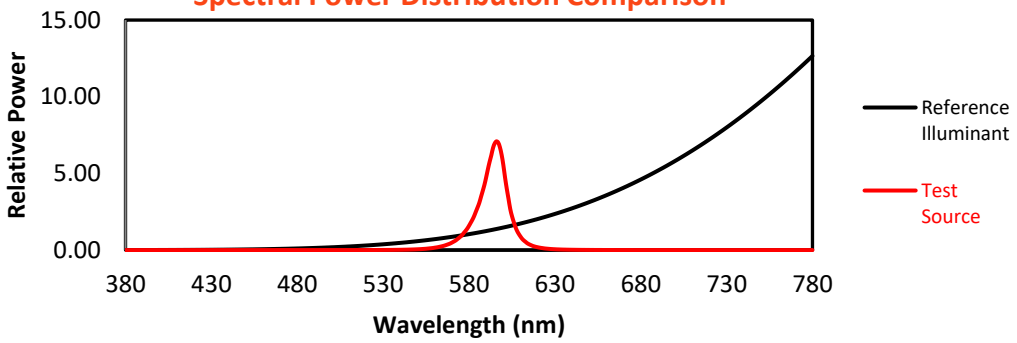
REPORT NUMBER: SP3-2509-541-1

TM-30-18

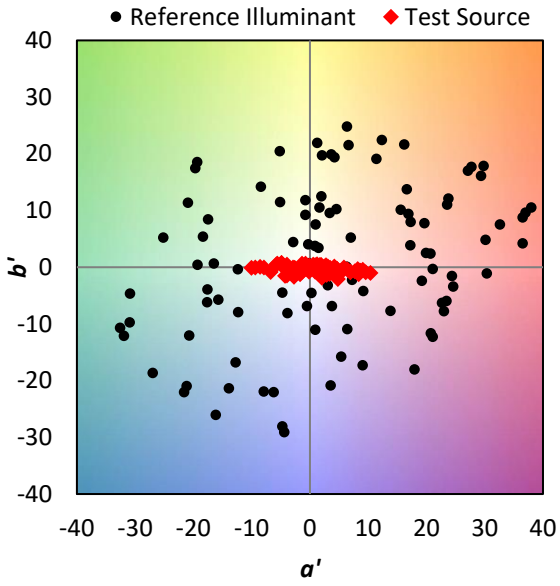
Summary

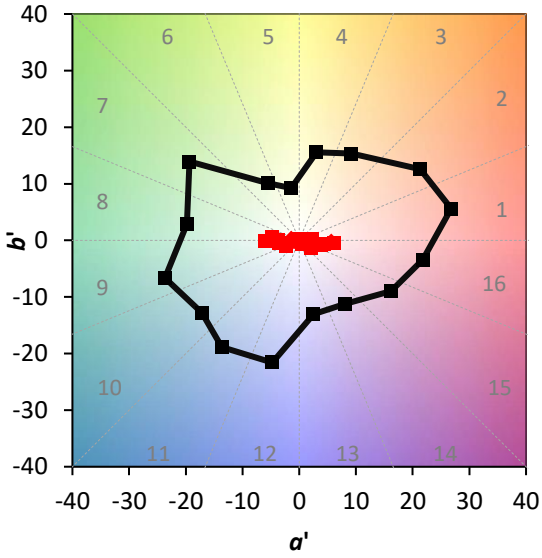
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

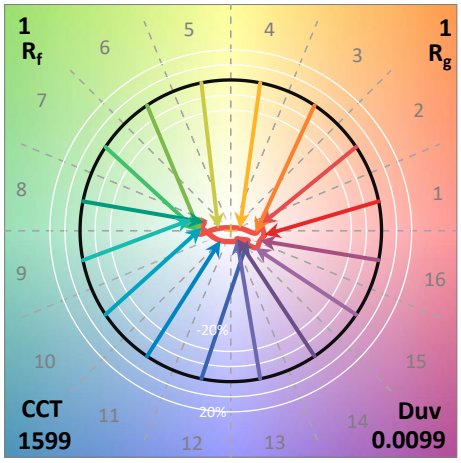
Spectral Power Distribution Comparison

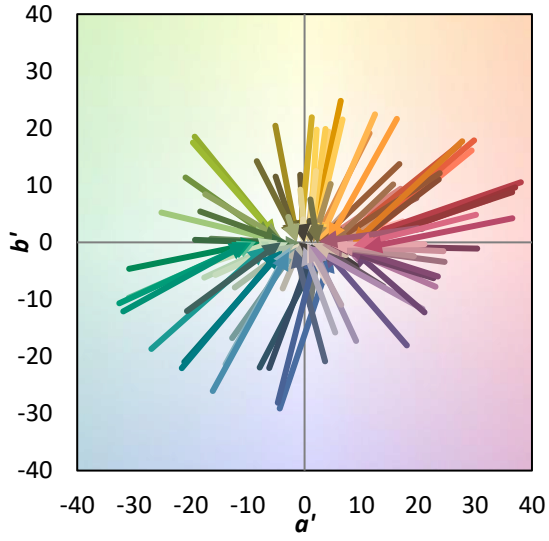


Color Vector Graphics







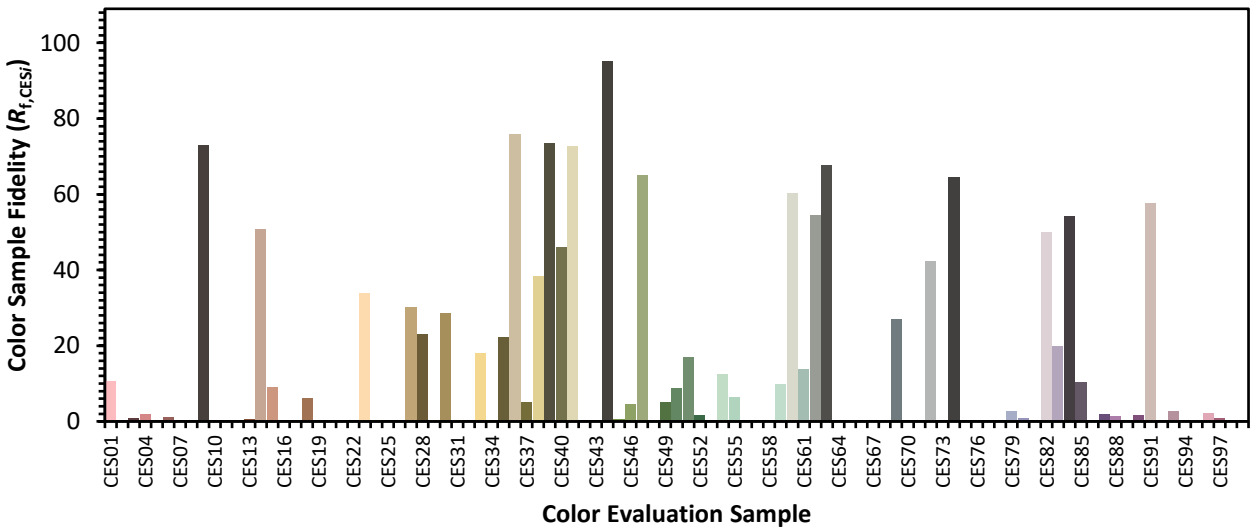


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

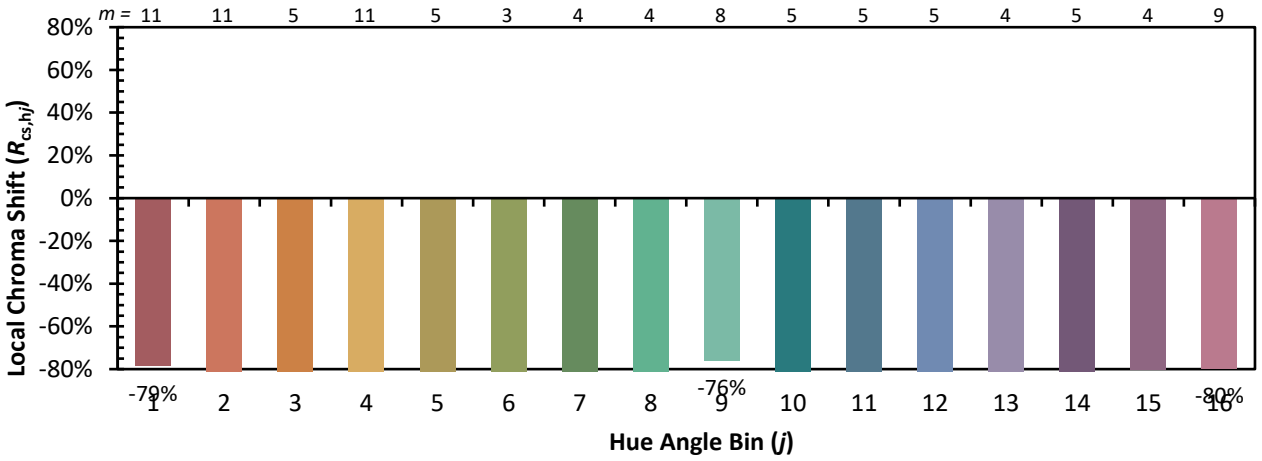
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

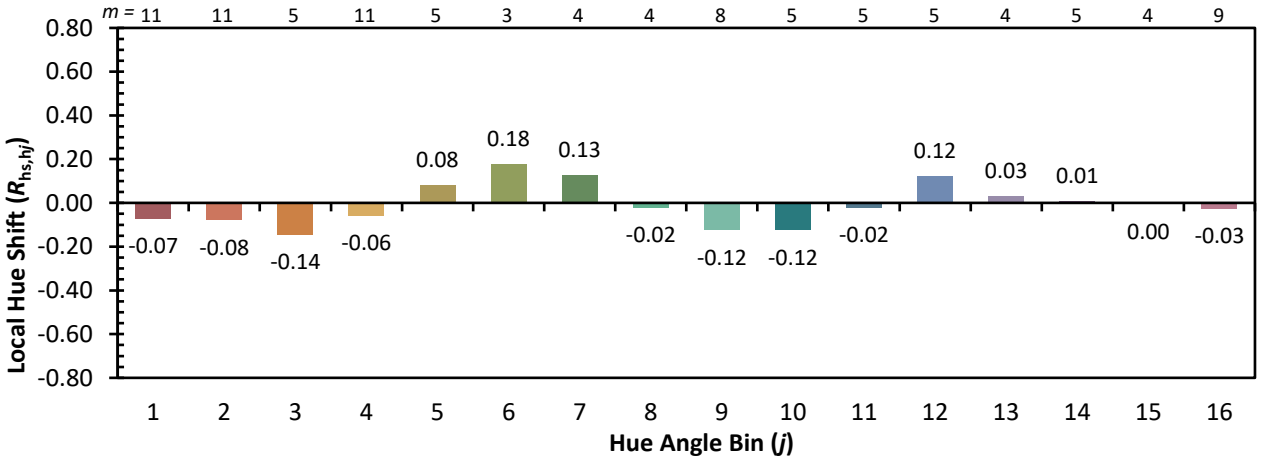


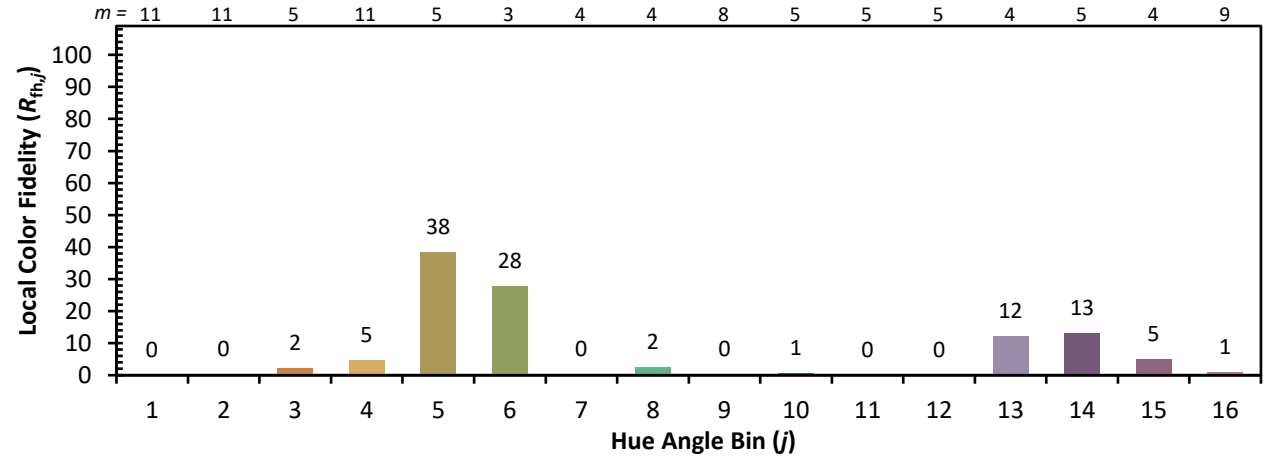
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



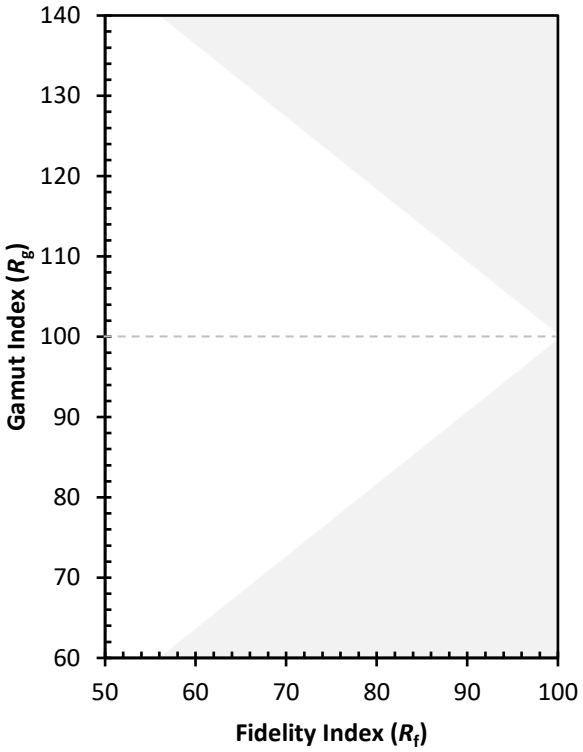


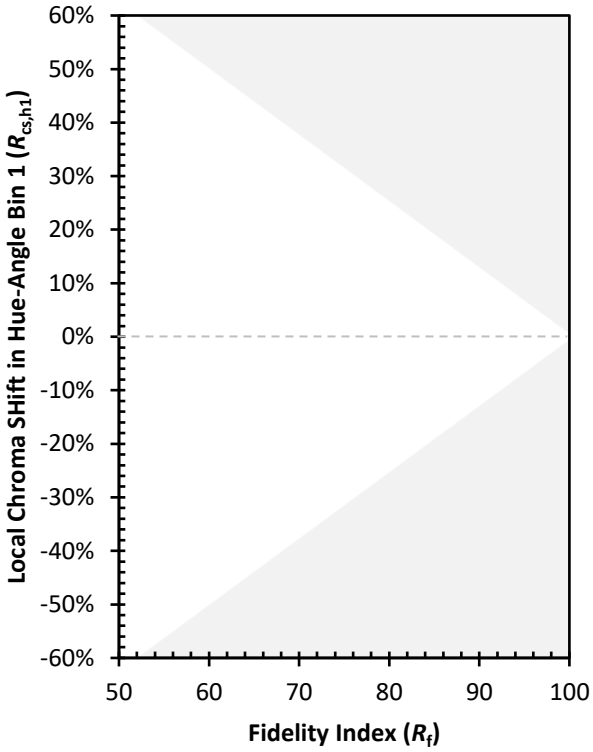


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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