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-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:	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-AFL
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ AUTOMOTIVE FRONTLINE DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4415.4 lumens
Efficiency:	N/A
Efficacy:	64.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

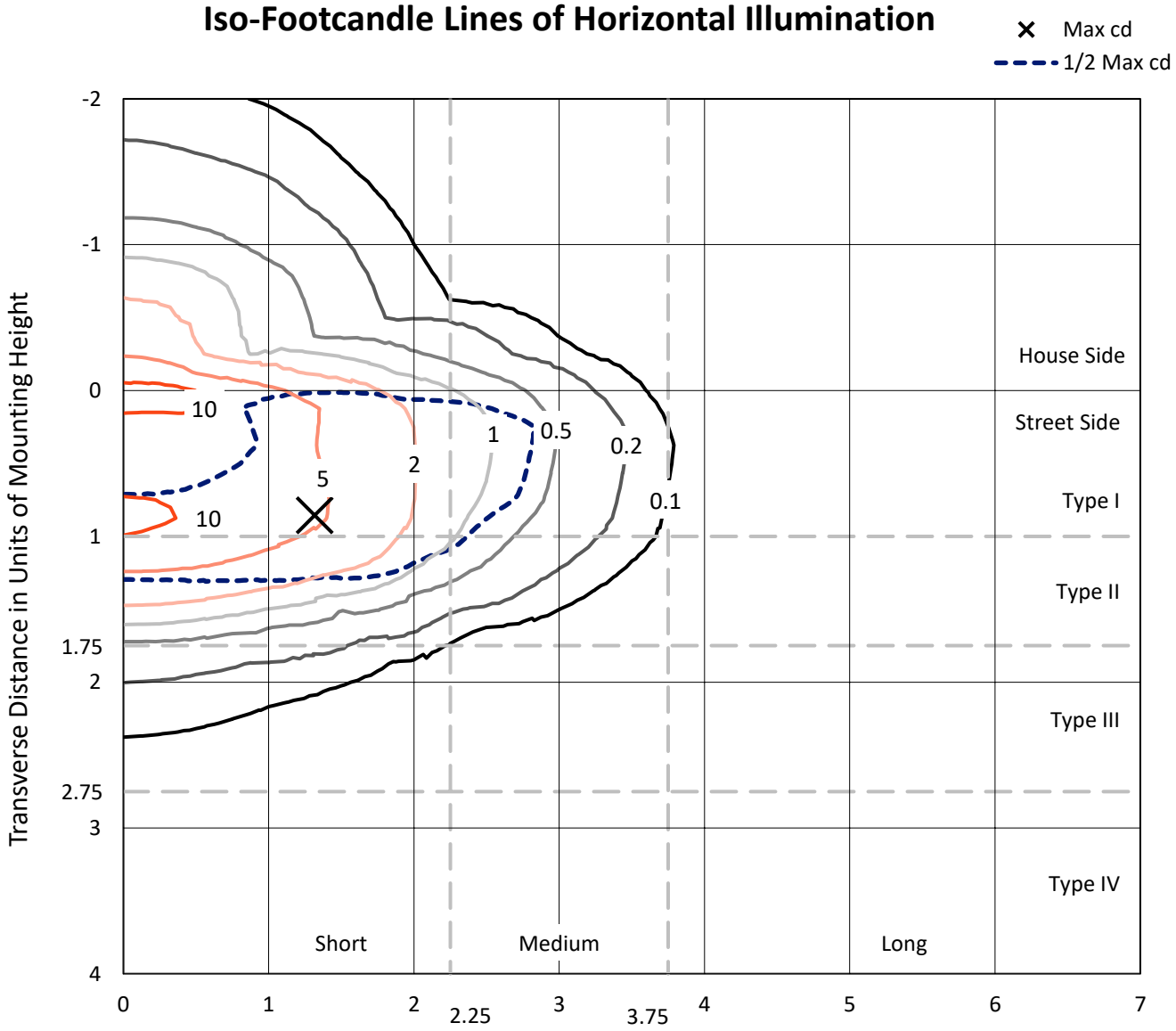


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REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



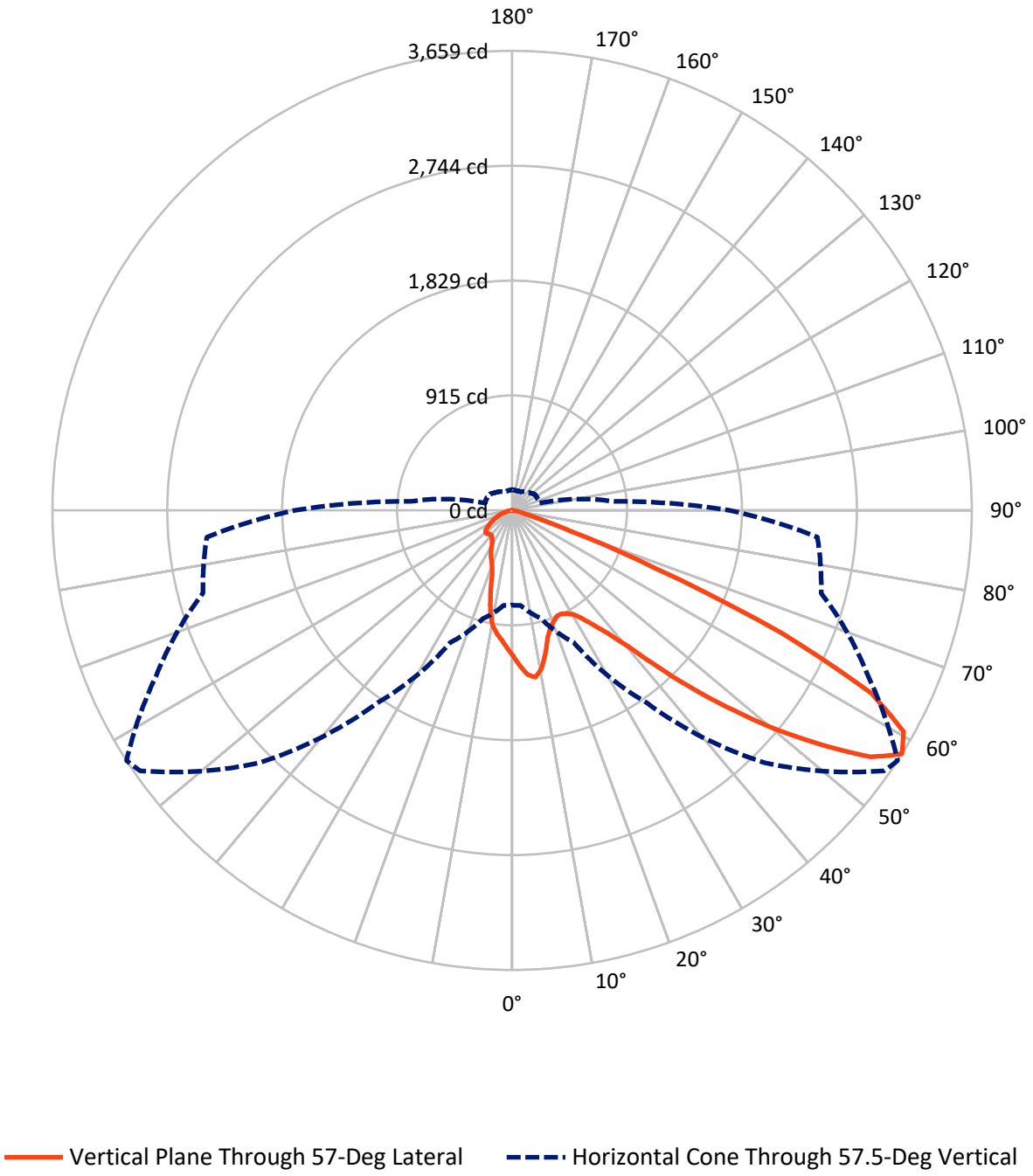
Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
Type II - Short - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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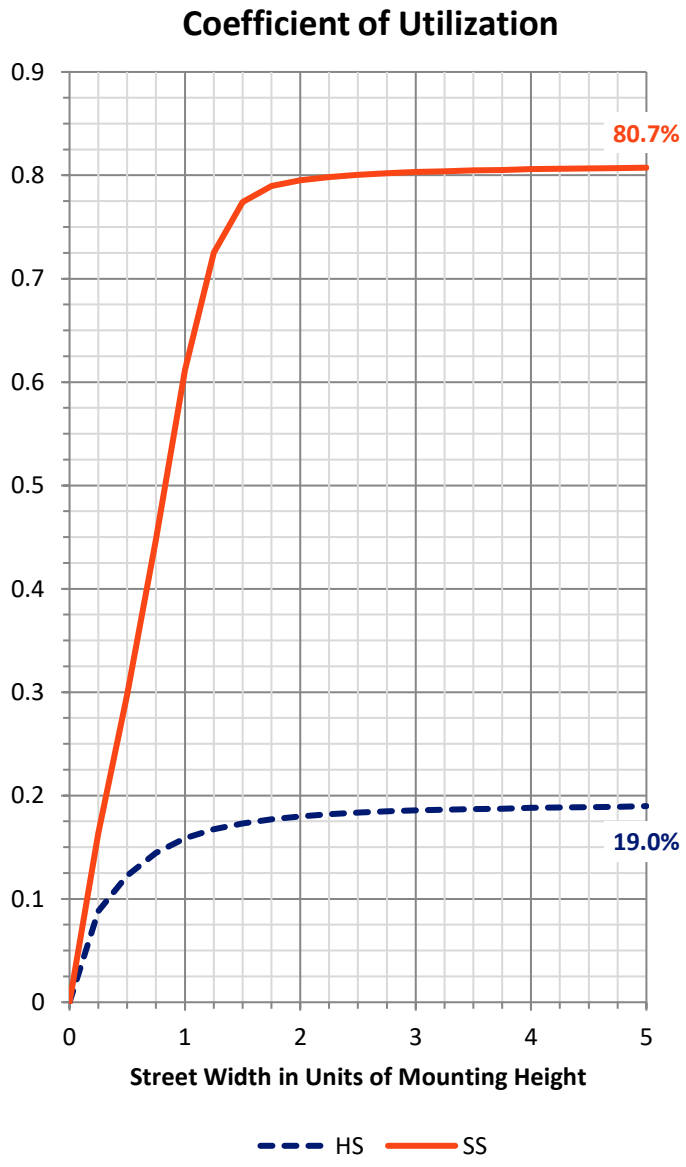
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	845.4	0.0	845.4
	% Fixture	19.1	0.0	19.1
Street Side	Lumens	3570.0	0.0	3570.0
	% Fixture	80.9	0.0	80.9
Total	Lumens	4415.4	0.0	4415.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.2	2.4
10°-20°	242.9	5.5
20°-30°	358.7	8.1
30°-40°	581.3	13.2
40°-50°	1026.1	23.2
50°-60°	1161.6	26.3
60°-70°	717.0	16.2
70°-80°	203.3	4.6
80°-90°	20.4	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°	4415.4	100.0
0°-180°	4415.4	100.0



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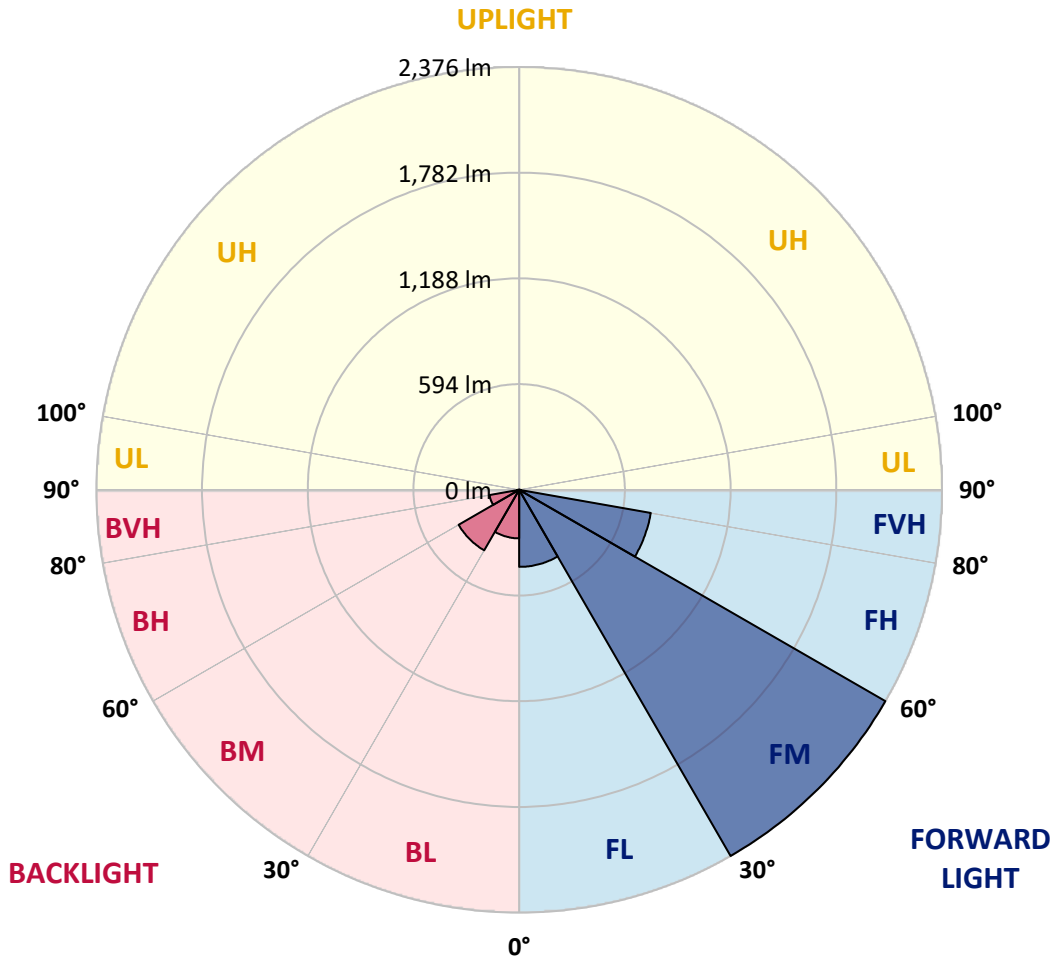
Scaled Data Report

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

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	433.0	9.8			
FM	(30°-60°)	2376.2	53.8			
FH	(60°-80°)	751.1	17.0			G1/1800
FVH	(80°-90°)	9.7	0.2			G0/10
BL	(0°-30°)	272.8	6.2	B1/500		
BM	(30°-60°)	392.8	8.9	B1/1000		
BH	(60°-80°)	169.2	3.8	B1/500		G1/500
BVH	(80°-90°)	10.6	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°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	*1159.7*	1159.7	1159.7	1159.7
2.5°	1309.4	1299.4	1289.4	1275.4	1265.5	1257.5	1239.5	*1241.5*	1215.6	1199.6	1173.6
5°	1303.4	1291.4	1297.4	1307.4	1317.4	1317.4	1321.3	*1315.4*	1299.4	1257.5	1209.6
7.5°	1089.8	1081.8	1105.8	1139.7	1203.6	1275.4	1331.3	*1341.3*	1355.3	1329.3	1251.5
10°	912.2	906.2	914.2	956.1	1019.9	1131.7	1257.5	*1283.4*	1361.3	1383.2	1303.4
12.5°	800.4	796.4	802.4	832.3	886.2	978.0	1137.7	*1173.6*	1335.3	1421.1	1345.3
15°	748.5	746.5	750.5	772.4	804.4	878.2	1019.9	*1053.9*	1265.5	1459.1	1389.2
17.5°	714.6	712.6	718.6	732.5	768.5	826.3	954.1	*986.0*	1191.6	1483.0	1437.1
20°	700.6	696.6	692.6	712.6	744.5	802.4	908.2	*944.1*	1125.7	1507.0	1477.0
22.5°	714.6	708.6	706.6	718.6	746.5	804.4	892.2	*914.2*	1085.8	1511.0	1522.9
25°	756.5	758.5	744.5	746.5	764.5	808.4	890.2	*912.2*	1075.8	1501.0	1556.9
27.5°	846.3	840.3	826.3	816.4	816.4	840.3	906.2	*932.1*	1063.9	1493.0	1590.8
30°	1019.9	1004.0	968.1	926.1	898.2	908.2	948.1	*960.1*	1079.8	1503.0	1620.7
32.5°	1293.4	1293.4	1215.6	1115.8	1033.9	1000.0	1016.0	*1025.9*	1119.7	1505.0	1652.7
35°	1710.6	1708.6	1594.8	1407.2	1249.5	1145.7	1111.8	*1121.7*	1183.6	1536.9	1700.6
37.5°	2173.6	2141.7	2006.0	1800.4	1556.9	1361.3	1257.5	*1245.5*	1279.4	1598.8	1782.4
40°	2485.0	2459.1	2351.3	2185.6	1958.1	1660.7	1451.1	*1425.1*	1405.2	1676.6	1866.2
42.5°	2740.5	2722.5	2624.7	2503.0	2305.4	2049.9	1744.5	*1704.6*	1572.8	1804.4	1986.0
45°	2810.4	2784.4	2772.4	2722.5	2596.8	2397.2	2085.8	*2033.9*	1810.4	1936.1	2075.8
47.5°	2710.6	2706.6	2726.5	2832.3	2814.3	2720.5	2485.0	*2385.2*	2071.8	2083.8	2177.6
50°	2217.5	2227.5	2489.0	2754.5	2916.1	3000.0	2822.3	*2756.5*	2365.2	2239.5	2277.4
52.5°	1778.4	1804.4	1928.1	2429.1	2820.3	3161.6	3197.6	*3107.8*	2638.7	2387.2	2369.2
55°	1289.4	1313.4	1441.1	1858.3	2489.0	3131.7	3489.0	*3465.0*	2856.3	2491.0	2413.1
57.5°	*754.5*	*758.5*	*892.2*	*1159.7*	*1872.2*	*2842.3*	*3614.7*	*3658.6*	*3127.7*	*2546.9*	*2439.1*
60°	333.3	341.3	395.2	624.7	1131.7	2229.5	3469.0	*3580.8*	3373.2	2586.8	2437.1
62.5°	241.5	239.5	247.5	289.4	576.8	1265.5	2958.1	*3211.5*	3305.4	2505.0	2247.5
65°	197.6	193.6	193.6	209.6	301.4	606.8	2006.0	*2361.3*	2808.4	2407.2	2195.6
67.5°	167.7	165.7	165.7	167.7	205.6	293.4	916.2	*1221.5*	2111.8	2319.3	2189.6
70°	137.7	137.7	139.7	137.7	153.7	183.6	359.3	*491.0*	1307.4	1906.2	1940.1
72.5°	115.8	113.8	115.8	115.8	117.8	125.7	145.7	*183.6*	642.7	1335.3	1375.2
75°	85.8	87.8	89.8	91.8	87.8	91.8	89.8	*97.8*	243.5	666.7	660.7
77.5°	65.9	65.9	71.9	69.9	59.9	63.9	63.9	*65.9*	95.8	161.7	193.6
80°	53.9	51.9	55.9	51.9	43.9	41.9	41.9	*41.9*	47.9	69.9	69.9
82.5°	24.0	27.9	37.9	31.9	27.9	24.0	24.0	*24.0*	29.9	37.9	25.9
85°	8.0	10.0	14.0	16.0	12.0	10.0	10.0	*12.0*	16.0	16.0	10.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	*2.0*	4.0	4.0	4.0
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: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-AFL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7
2.5°	1165.7	1151.7	1131.7	1109.8	1093.8	1077.8	1061.9	1053.9	1045.9	1049.9	1051.9
5°	1183.6	1151.7	1103.8	1059.9	1029.9	1002.0	974.0	948.1	928.1	932.1	936.1
7.5°	1205.6	1165.7	1093.8	1035.9	976.0	918.2	868.3	822.3	790.4	774.4	774.4
10°	1239.5	1179.6	1083.8	1002.0	912.2	798.4	700.6	614.8	574.8	552.9	544.9
12.5°	1265.5	1191.6	1073.8	950.1	794.4	630.7	519.0	499.0	499.0	503.0	505.0
15°	1295.4	1197.6	1047.9	862.3	638.7	491.0	481.0	493.0	511.0	517.0	517.0
17.5°	1317.4	1205.6	1002.0	736.5	493.0	465.1	487.0	511.0	526.9	532.9	536.9
20°	1343.3	1205.6	952.1	588.8	447.1	463.1	491.0	513.0	534.9	542.9	542.9
22.5°	1369.2	1199.6	856.3	463.1	427.1	453.1	481.0	505.0	521.0	528.9	528.9
25°	1381.2	1187.6	742.5	401.2	405.2	431.1	451.1	465.1	479.0	481.0	481.0
27.5°	1397.2	1167.7	606.8	359.3	373.2	391.2	401.2	403.2	407.2	409.2	409.2
30°	1397.2	1133.7	469.1	323.4	327.3	343.3	353.3	351.3	351.3	351.3	351.3
32.5°	1403.2	1099.8	369.3	293.4	297.4	315.4	329.3	329.3	325.3	325.3	329.3
35°	1421.1	1061.9	315.4	267.5	283.4	305.4	319.4	317.4	319.4	317.4	321.4
37.5°	1451.1	1027.9	281.4	251.5	271.5	297.4	311.4	315.4	319.4	317.4	319.4
40°	1505.0	990.0	257.5	239.5	265.5	293.4	307.4	317.4	301.4	285.4	283.4
42.5°	1564.9	952.1	243.5	235.5	263.5	291.4	301.4	287.4	251.5	235.5	233.5
45°	1610.8	910.2	239.5	239.5	267.5	285.4	277.4	239.5	225.5	211.6	213.6
47.5°	1668.6	862.3	239.5	251.5	277.4	279.4	231.5	221.6	205.6	195.6	195.6
50°	1702.6	828.3	241.5	259.5	277.4	247.5	219.6	203.6	191.6	183.6	181.6
52.5°	1714.6	808.4	241.5	257.5	271.5	221.6	205.6	189.6	177.6	175.6	175.6
55°	1732.5	806.4	237.5	245.5	251.5	211.6	193.6	173.7	167.7	167.7	169.7
57.5°	*1728.5*	*812.4*	*223.6*	*223.6*	*221.6*	*197.6*	*181.6*	*163.7*	*159.7*	*161.7*	*165.7*
60°	1694.6	804.4	205.6	203.6	199.6	177.6	171.7	155.7	151.7	155.7	155.7
62.5°	1556.9	726.5	181.6	179.6	175.6	157.7	159.7	153.7	143.7	145.7	147.7
65°	1574.8	712.6	173.7	157.7	149.7	141.7	145.7	141.7	131.7	133.7	135.7
67.5°	1517.0	590.8	159.7	131.7	129.7	127.7	121.8	125.7	117.8	119.8	123.8
70°	1291.4	459.1	137.7	109.8	109.8	107.8	107.8	109.8	103.8	109.8	115.8
72.5°	832.3	329.3	117.8	89.8	93.8	85.8	93.8	93.8	89.8	97.8	99.8
75°	433.1	241.5	95.8	71.9	71.9	69.9	75.8	75.8	75.8	83.8	85.8
77.5°	183.6	139.7	69.9	51.9	51.9	55.9	57.9	59.9	69.9	121.8	137.7
80°	83.8	69.9	43.9	31.9	33.9	37.9	41.9	43.9	103.8	97.8	95.8
82.5°	35.9	37.9	27.9	22.0	20.0	20.0	24.0	63.9	55.9	45.9	45.9
85°	10.0	14.0	12.0	8.0	8.0	8.0	12.0	22.0	18.0	18.0	16.0
87.5°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	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

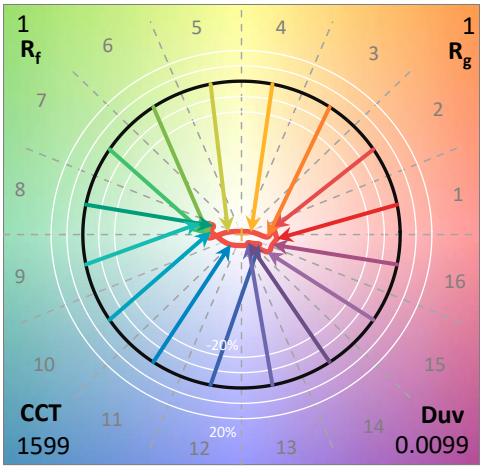
Test Information

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

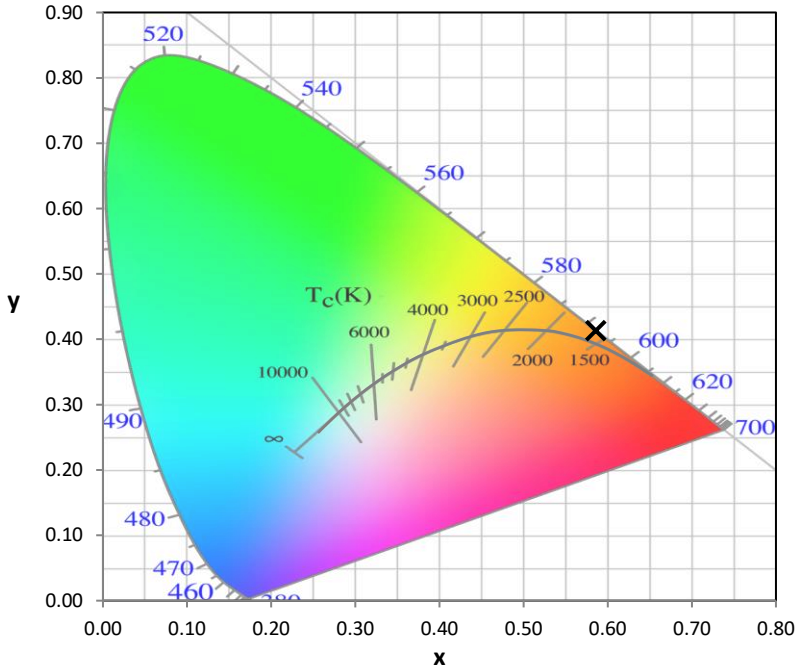
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

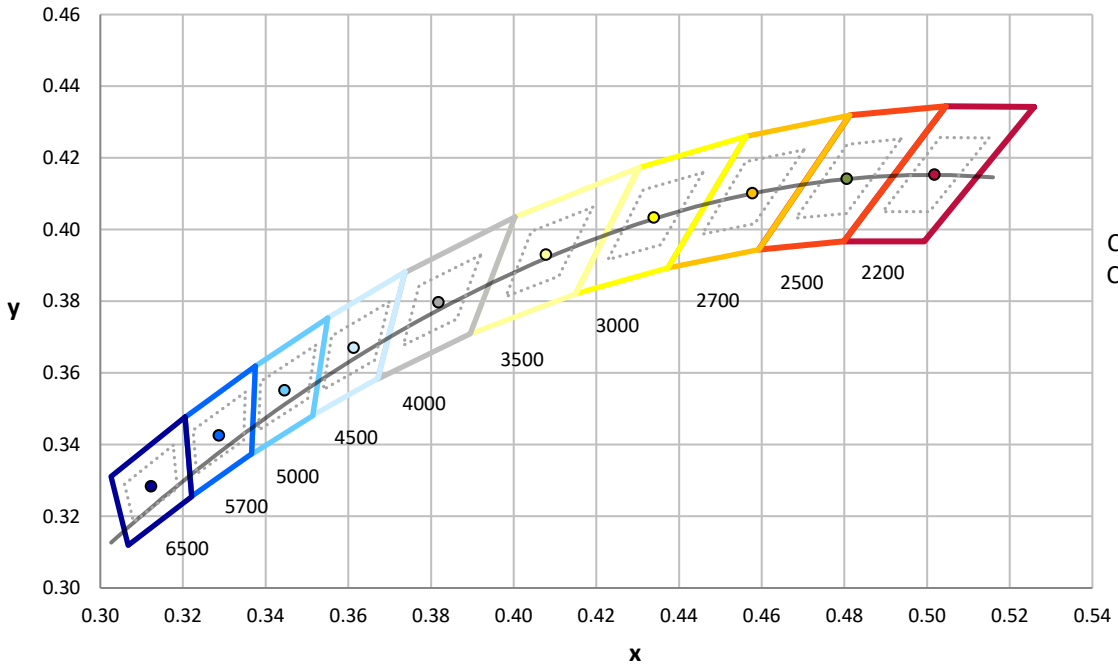
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

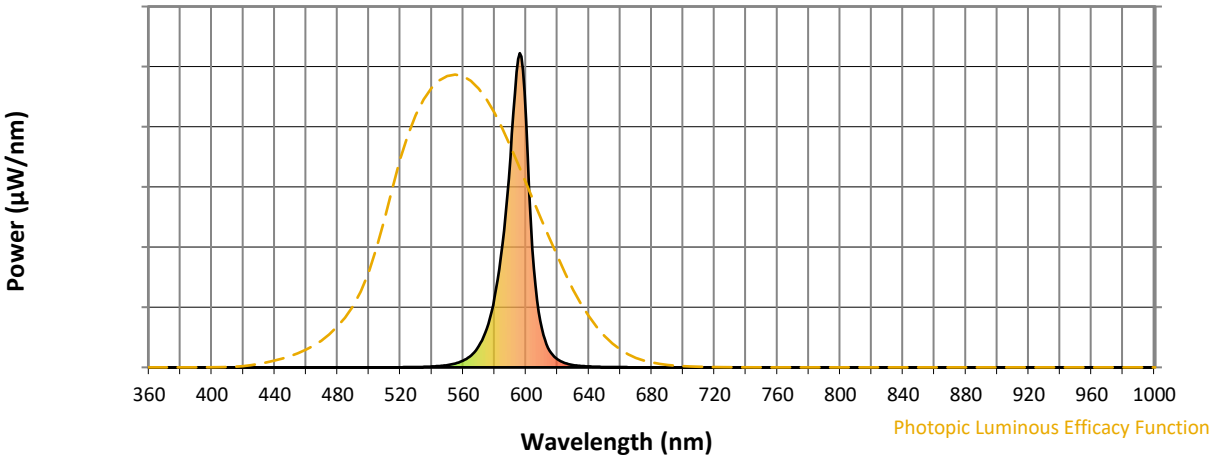


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

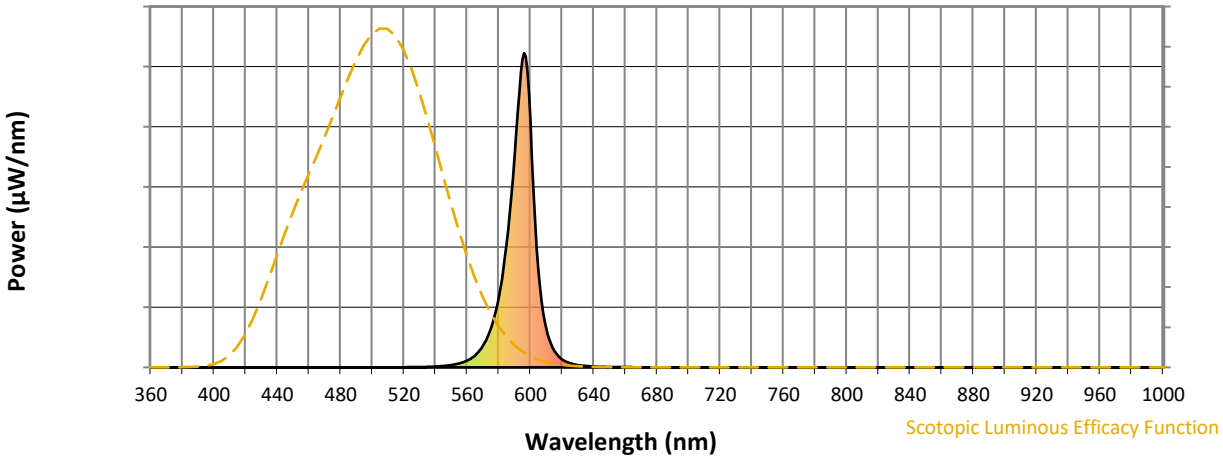


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

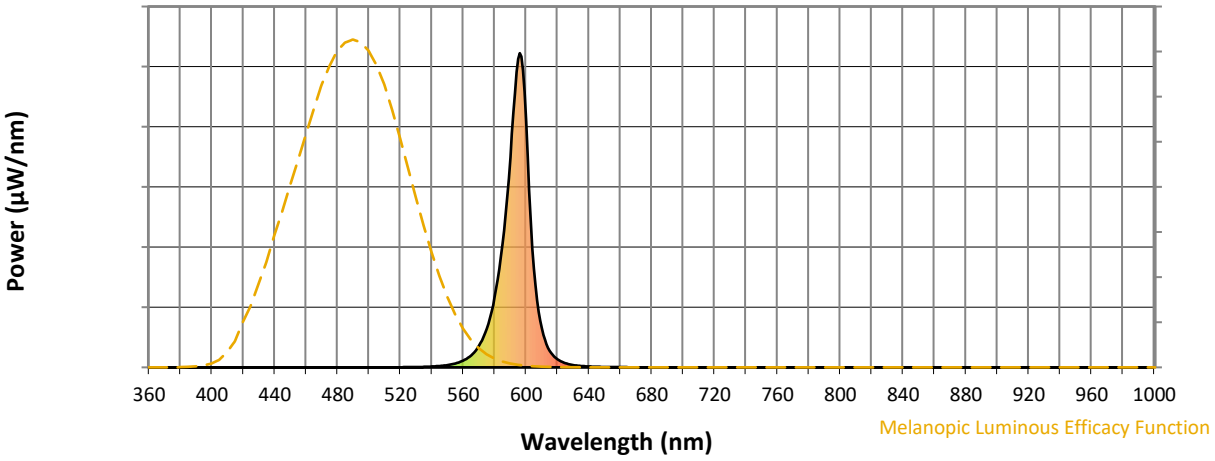


Scotopic Lumens: NR **S/P: 0.23**

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			

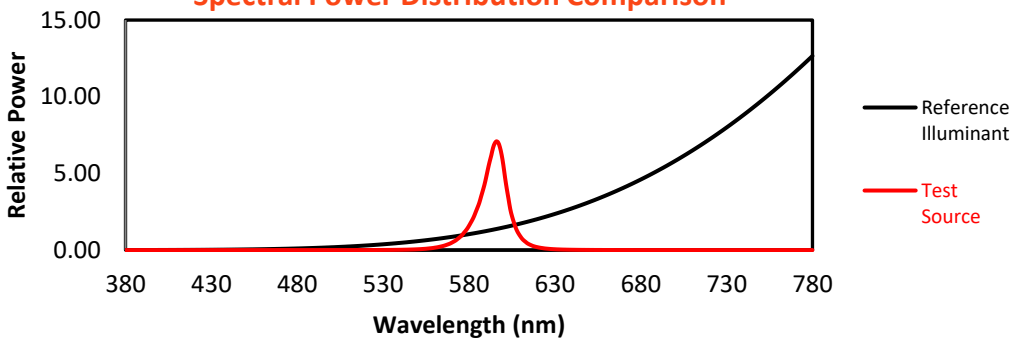
REPORT NUMBER: SP3-2509-541-1

TM-30-18

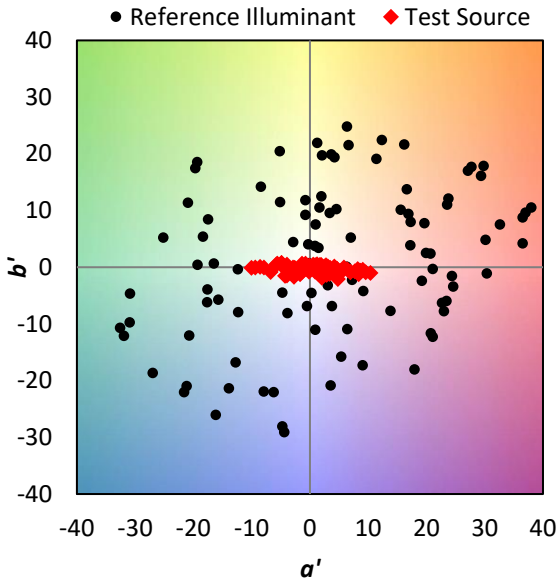
Summary

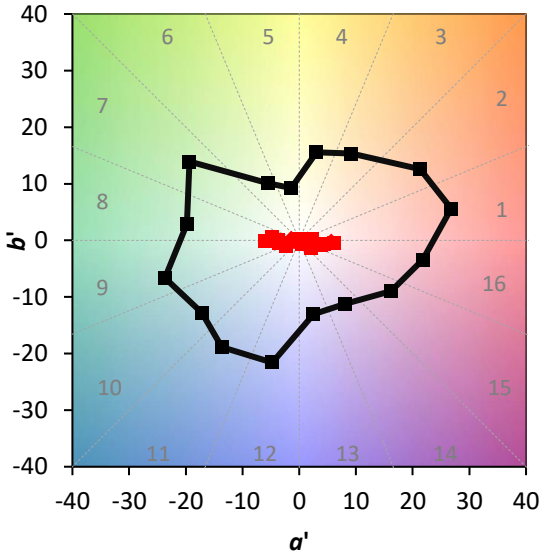
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

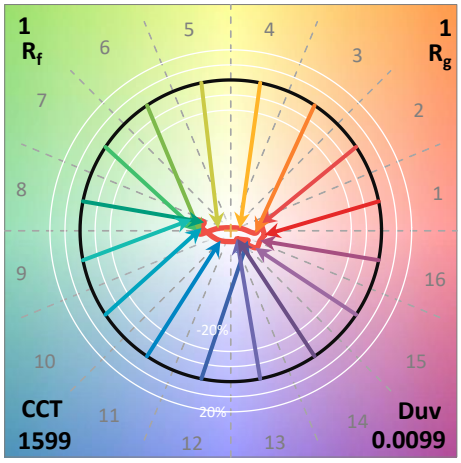
Spectral Power Distribution Comparison

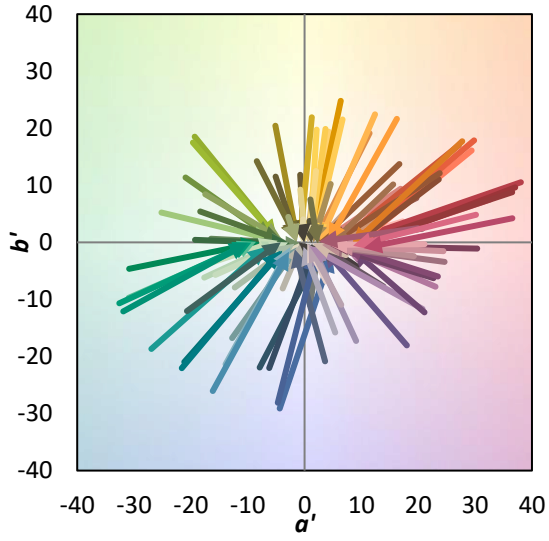


Color Vector Graphics







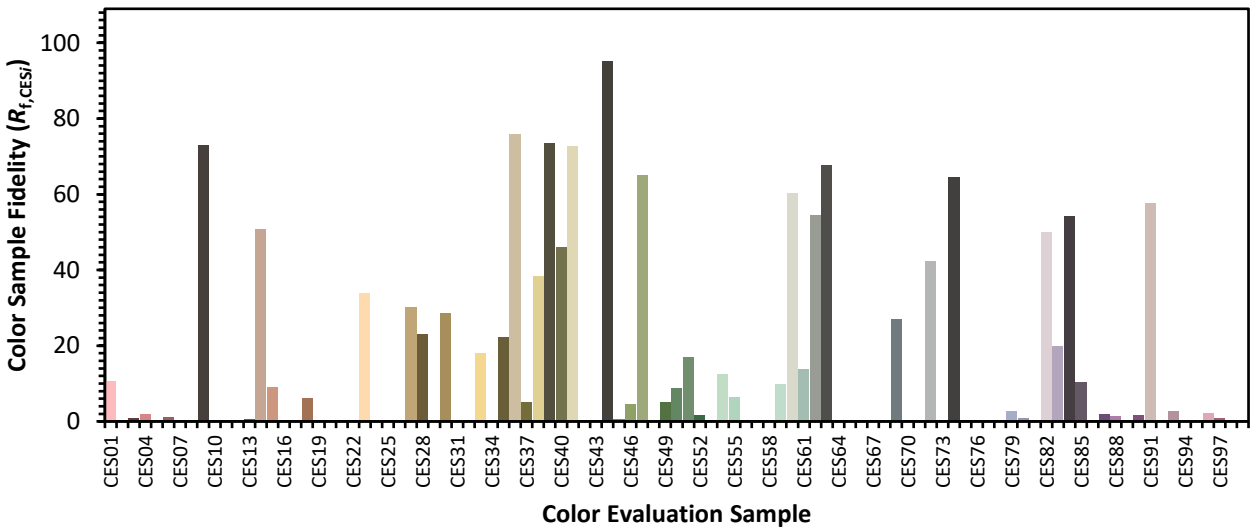


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

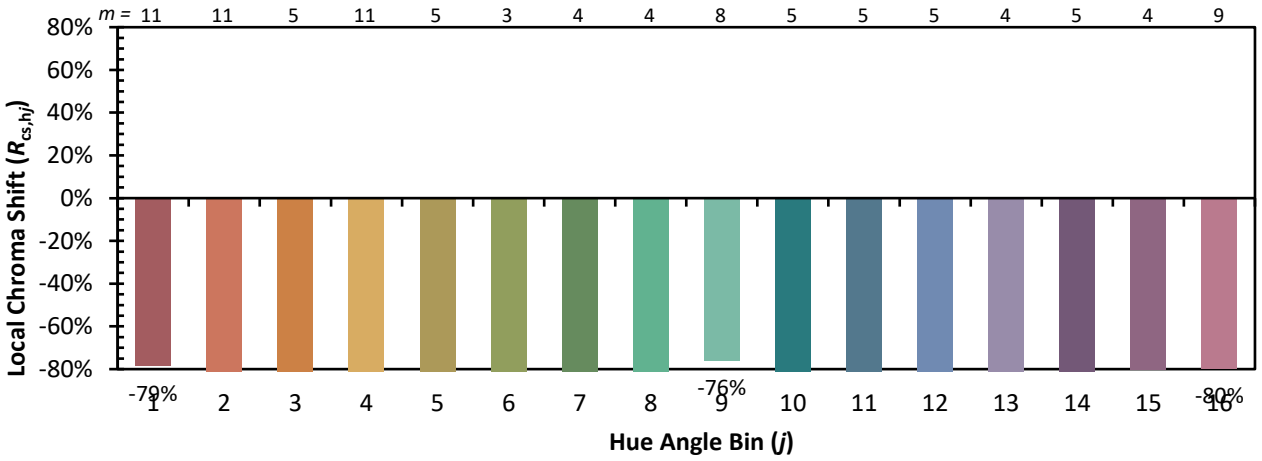
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

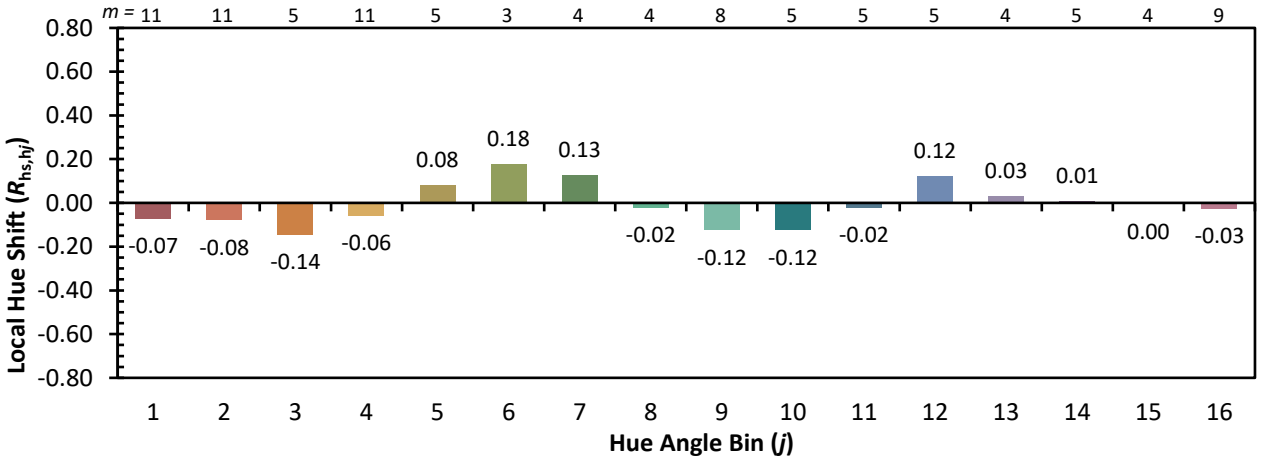


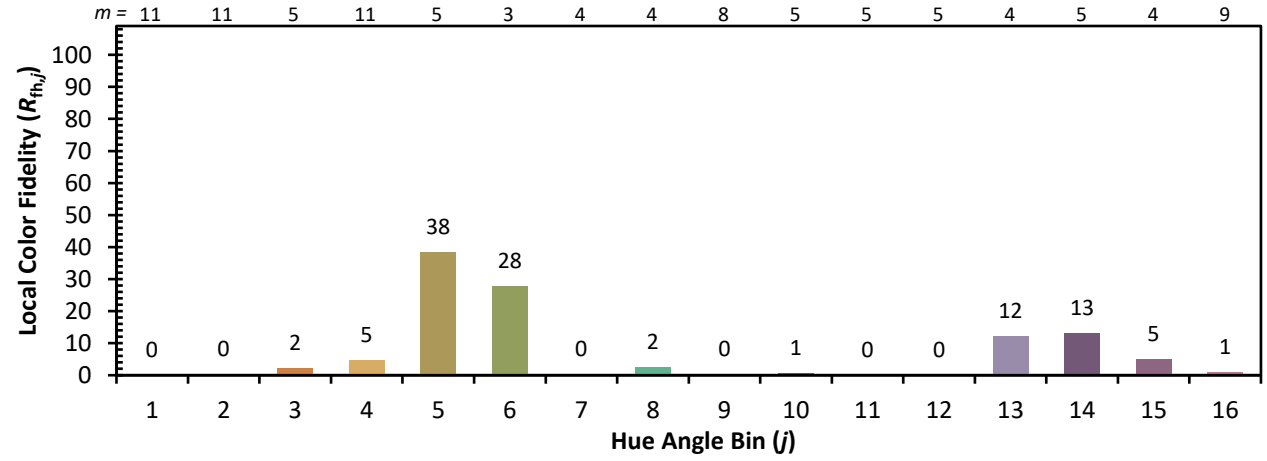
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



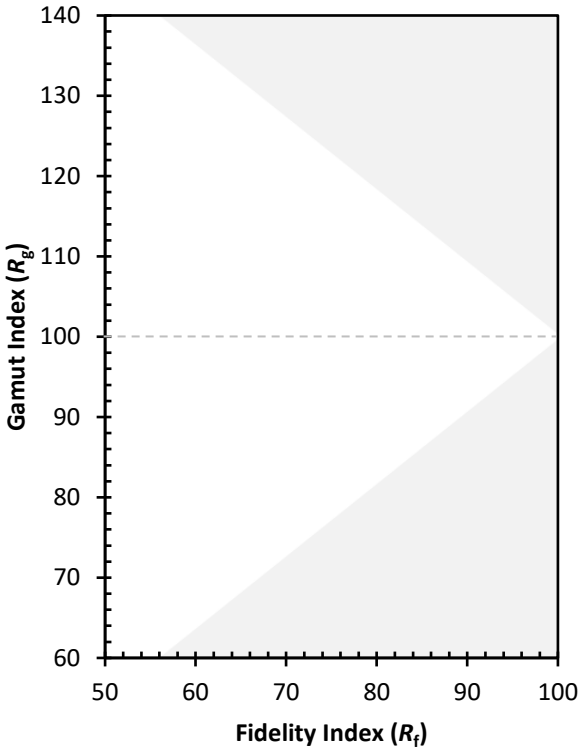


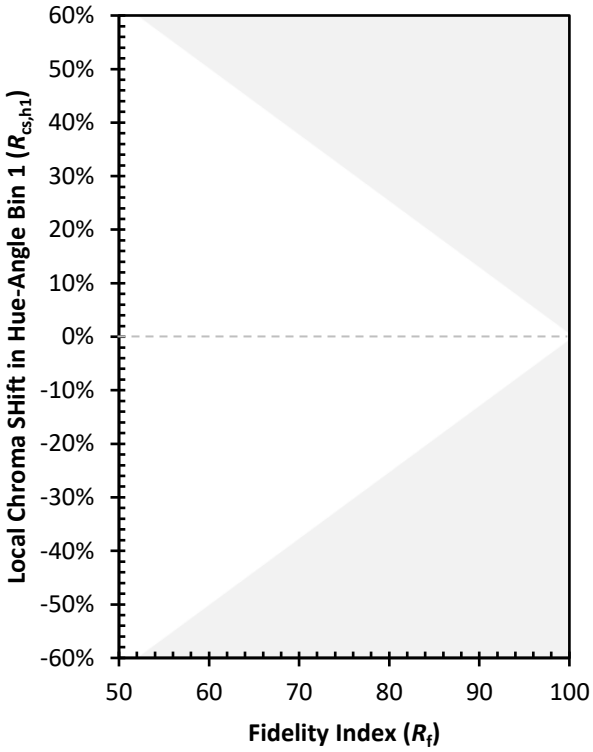


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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