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-T2LG

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-T2LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6360.6 lumens
Efficiency:	N/A
Efficacy:	63.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

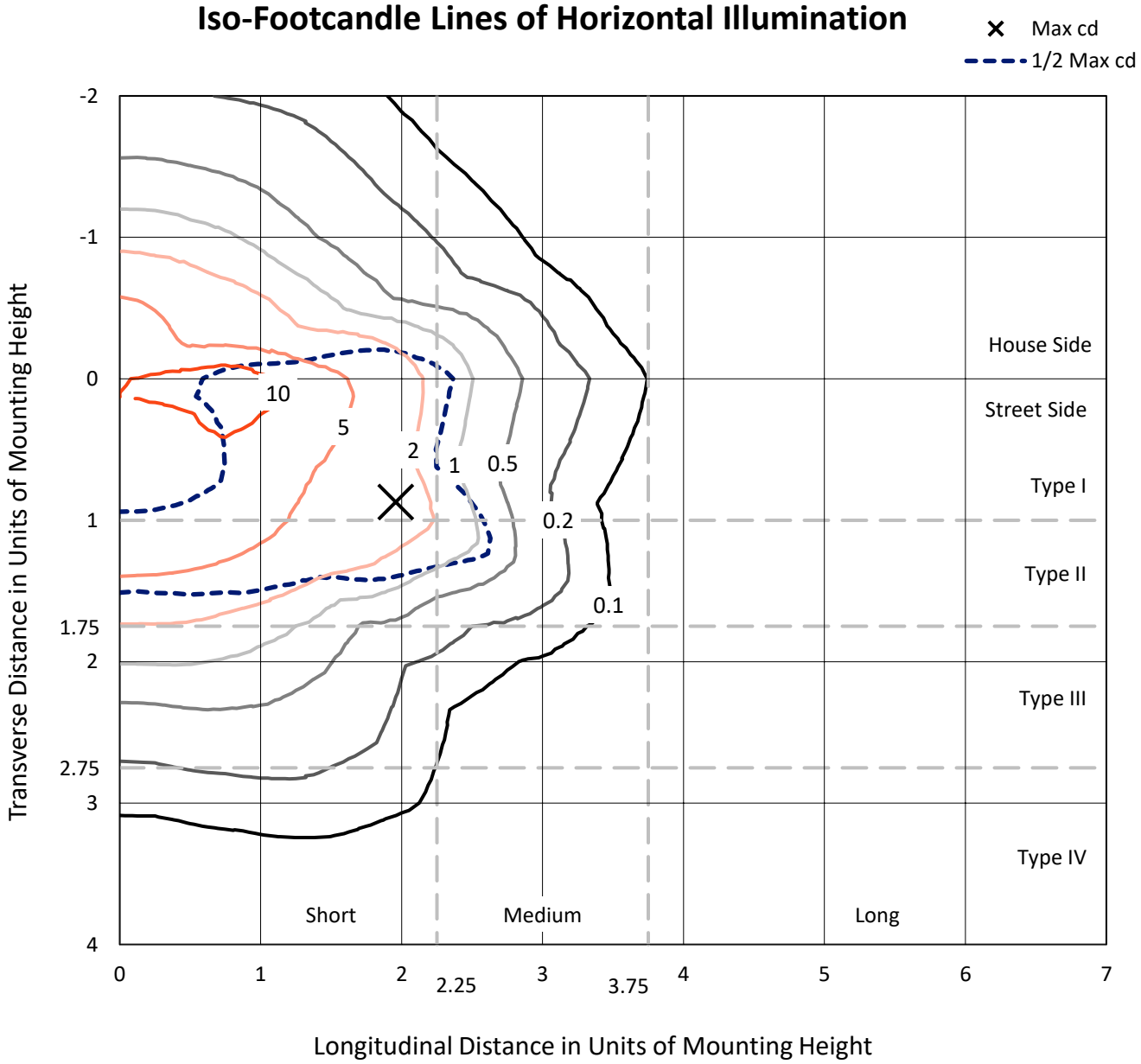


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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



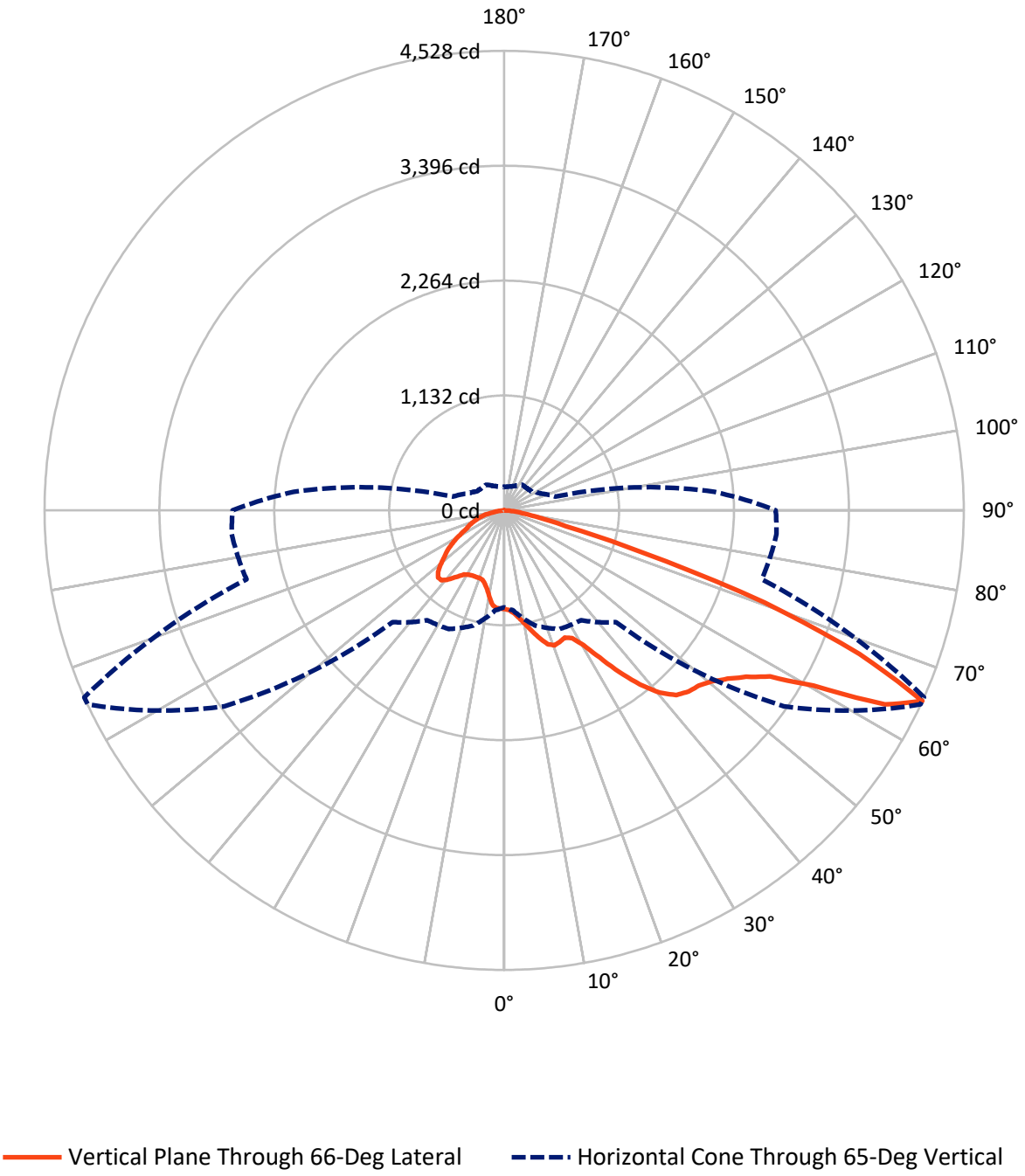
Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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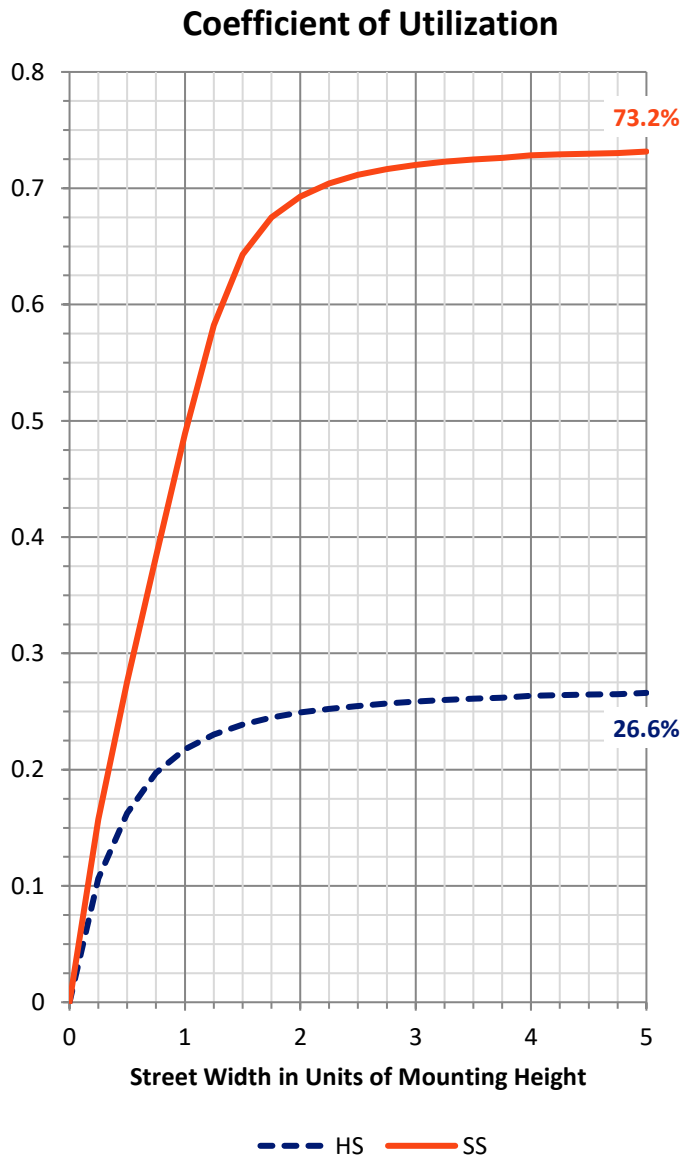
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1705.5	0.0	1705.5
	% Fixture	26.8	0.0	26.8
Street Side	Lumens	4655.2	0.0	4655.2
	% Fixture	73.2	0.0	73.2
Total	Lumens	6360.6	0.0	6360.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.0	1.4
10°-20°	261.0	4.1
20°-30°	483.4	7.6
30°-40°	846.0	13.3
40°-50°	1305.3	20.5
50°-60°	1628.0	25.6
60°-70°	1292.3	20.3
70°-80°	399.5	6.3
80°-90°	56.1	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°	6360.6	100.0
0°-180°	6360.6	100.0



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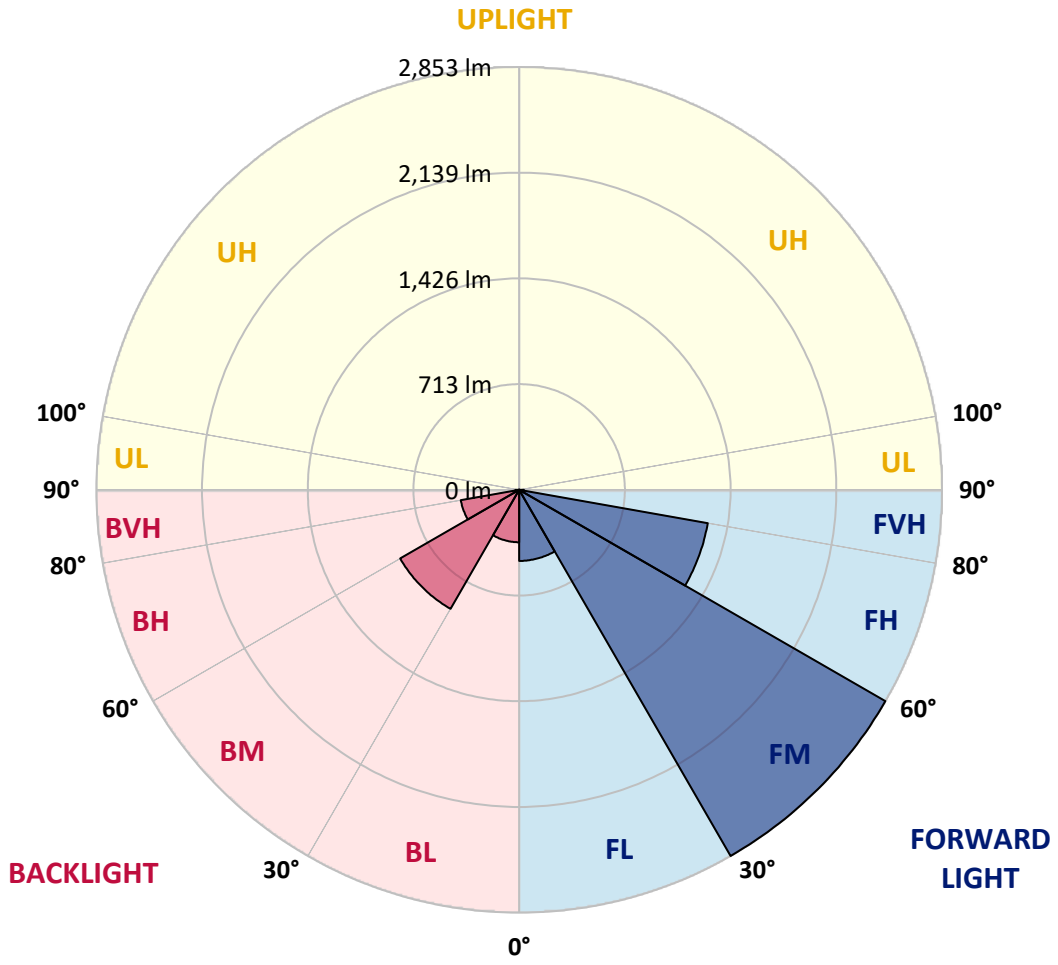
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	479.6	7.5			
FM	(30°-60°)	2852.6	44.8			
FH	(60°-80°)	1292.0	20.3			G1/1800
FVH	(80°-90°)	31.0	0.5			G1/100
BL	(0°-30°)	353.9	5.6	B1/500		
BM	(30°-60°)	926.7	14.6	B1/1000		
BH	(60°-80°)	399.8	6.3	B1/500		G1/500
BVH	(80°-90°)	25.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	972.6	972.6	972.6	972.6	972.6	972.6	972.6	972.6	*972.6*	972.6	972.6
2.5°	1005.5	1005.5	999.5	999.5	999.5	996.5	996.5	990.6	*984.6*	990.6	978.6
5°	1038.4	1035.4	1032.5	1032.5	1038.4	1035.4	1032.5	1026.5	*1017.5*	1020.5	1011.5
7.5°	1029.5	1029.5	1032.5	1047.4	1053.4	1068.4	1080.3	1077.3	*1071.4*	1071.4	1056.4
10°	972.6	972.6	990.6	1026.5	1062.4	1095.3	1128.2	1143.2	*1140.2*	1143.2	1128.2
12.5°	796.0	790.1	820.0	891.8	987.6	1104.3	1176.1	1215.0	*1221.0*	1233.0	1197.1
15°	712.2	709.3	718.2	736.2	826.0	987.6	1188.1	1301.8	*1304.8*	1334.7	1292.8
17.5°	727.2	724.2	721.2	727.2	751.1	858.9	1101.3	1379.6	*1385.6*	1460.4	1403.5
20°	781.1	775.1	769.1	754.1	763.1	814.0	1002.5	1397.6	*1418.5*	1598.1	1541.2
22.5°	861.9	855.9	843.9	829.0	814.0	834.9	960.6	1364.6	*1406.5*	1762.7	1693.8
25°	960.6	957.6	939.7	912.8	897.8	909.8	1002.5	1343.7	*1388.6*	1936.2	1879.4
27.5°	1071.4	1065.4	1047.4	1020.5	1008.5	1008.5	1098.3	1382.6	*1424.5*	2103.8	2103.8
30°	1200.0	1182.1	1161.1	1137.2	1128.2	1149.2	1236.0	1517.3	*1541.2*	2280.4	2346.2
32.5°	1307.8	1307.8	1283.8	1265.9	1265.9	1304.8	1430.5	1699.8	*1726.7*	2445.0	2651.5
35°	1427.5	1415.5	1433.5	1403.5	1421.5	1499.3	1651.9	1912.3	*1957.2*	2591.6	2941.8
37.5°	1595.1	1604.0	1550.2	1535.2	1592.1	1696.8	1870.4	2154.7	*2175.6*	2747.2	3211.1
40°	1885.4	1864.4	1843.5	1741.7	1747.7	1894.3	2097.8	2340.2	*2361.2*	2828.0	3414.6
42.5°	2139.7	2148.7	2094.8	2017.0	1942.2	2058.9	2253.4	2468.9	*2486.9*	2872.9	3522.3
45°	2439.0	2430.0	2364.2	2304.3	2205.6	2199.6	2343.2	2522.8	*2546.7*	2893.9	3570.2
47.5°	2702.3	2705.3	2663.4	2594.6	2492.9	2367.2	2397.1	2567.7	*2579.6*	2917.8	3597.1
50°	2837.0	2831.0	2863.9	2881.9	2768.2	2594.6	2430.0	2627.5	*2648.5*	3007.6	3648.0
52.5°	2756.2	2750.2	2831.0	2962.7	3010.6	2855.0	2543.7	2738.3	*2756.2*	3121.3	3719.8
55°	2454.0	2451.0	2615.6	2861.0	3052.5	3154.2	2765.2	2869.9	*2893.9*	3217.1	3746.8
57.5°	2097.8	2070.9	2238.5	2552.7	2911.8	3181.2	3181.2	3088.4	*3088.4*	3366.7	3764.7
60°	1589.1	1598.1	1786.6	2014.0	2552.7	2938.8	3567.2	3489.4	*3504.4*	3321.8	3597.1
62.5°	1274.9	1286.8	1430.5	1511.3	1840.5	2477.9	3591.2	4339.3	*4210.6*	3121.3	3342.8
65°	*954.6*	*987.6*	*1173.1*	*1289.8*	*1319.7*	*1556.2*	*3363.7*	*4524.9*	*4527.8*	*2627.5*	*2693.4*
67.5°	628.5	637.4	900.8	1086.3	1086.3	897.8	2280.4	3800.6	*3776.7*	1924.3	2017.0
70°	454.9	472.8	637.4	876.8	879.8	610.5	987.6	2786.1	*2723.3*	1331.7	1412.5
72.5°	314.2	323.2	448.9	673.3	721.2	442.9	544.7	1430.5	*1415.5*	640.4	858.9
75°	215.5	227.4	299.3	451.9	544.7	326.2	407.0	643.4	*628.5*	371.1	523.7
77.5°	149.6	152.6	200.5	302.3	353.1	239.4	326.2	386.0	*389.0*	269.3	287.3
80°	113.7	122.7	146.6	185.5	242.4	158.6	203.5	218.5	*203.5*	161.6	143.6
82.5°	65.8	68.8	83.8	92.8	143.6	80.8	89.8	134.7	*134.7*	104.7	80.8
85°	23.9	26.9	32.9	35.9	53.9	26.9	29.9	56.9	*59.9*	53.9	23.9
87.5°	3.0	6.0	6.0	3.0	6.0	3.0	3.0	6.0	*6.0*	6.0	6.0
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-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	972.6	972.6	972.6	972.6	972.6	972.6	972.6	972.6	972.6	972.6	972.6
2.5°	975.6	978.6	972.6	966.6	966.6	957.6	954.6	951.7	948.7	948.7	945.7
5°	1002.5	999.5	987.6	963.6	933.7	870.9	814.0	754.1	730.2	715.2	712.2
7.5°	1047.4	1032.5	1008.5	930.7	805.0	697.3	640.4	613.5	604.5	604.5	607.5
10°	1104.3	1092.3	1026.5	849.9	691.3	628.5	625.5	637.4	649.4	652.4	652.4
12.5°	1173.1	1149.2	1023.5	772.1	649.4	649.4	673.3	691.3	703.3	712.2	706.3
15°	1268.9	1233.0	1011.5	721.2	658.4	688.3	712.2	739.2	748.2	757.1	754.1
17.5°	1364.6	1307.8	990.6	688.3	682.3	718.2	745.2	772.1	781.1	787.1	787.1
20°	1484.3	1385.6	954.6	682.3	703.3	739.2	769.1	787.1	799.0	805.0	802.0
22.5°	1616.0	1478.4	921.7	688.3	715.2	745.2	769.1	787.1	805.0	811.0	814.0
25°	1777.6	1583.1	873.8	694.3	709.3	730.2	757.1	778.1	796.0	811.0	811.0
27.5°	1945.2	1690.8	855.9	700.3	688.3	703.3	733.2	757.1	784.1	802.0	808.0
30°	2163.7	1828.5	864.9	712.2	667.4	670.3	694.3	727.2	757.1	778.1	784.1
32.5°	2427.0	1981.1	894.8	727.2	646.4	637.4	658.4	685.3	712.2	727.2	736.2
35°	2678.4	2154.7	966.6	766.1	646.4	619.5	625.5	637.4	649.4	655.4	667.4
37.5°	2896.9	2277.4	1023.5	811.0	670.3	610.5	595.5	595.5	592.5	589.5	598.5
40°	3043.5	2364.2	1053.4	867.9	706.3	607.5	565.6	553.6	535.7	520.7	526.7
42.5°	3106.3	2388.1	1062.4	909.8	721.2	595.5	538.7	508.7	481.8	469.8	472.8
45°	3133.3	2337.2	1041.4	915.7	715.2	574.6	511.7	478.8	445.9	425.0	419.0
47.5°	3121.3	2289.4	1002.5	876.8	679.3	550.6	484.8	439.9	416.0	404.0	401.0
50°	3160.2	2250.5	978.6	805.0	613.5	511.7	451.9	407.0	401.0	380.1	374.1
52.5°	3217.1	2298.3	942.7	727.2	550.6	472.8	422.0	386.0	368.1	362.1	362.1
55°	3303.9	2385.1	903.8	667.4	490.8	427.9	398.0	371.1	356.1	350.1	344.2
57.5°	3432.5	2486.9	843.9	592.5	433.9	398.0	380.1	347.1	326.2	320.2	314.2
60°	3420.6	2534.8	751.1	520.7	392.0	368.1	356.1	323.2	302.3	290.3	284.3
62.5°	3273.9	2448.0	631.4	445.9	359.1	341.2	329.2	299.3	266.3	251.4	248.4
65°	*2675.4*	*2082.9*	*520.7*	*392.0*	*326.2*	*311.2*	*308.2*	*266.3*	*242.4*	*233.4*	*230.4*
67.5°	2142.7	1771.6	445.9	359.1	290.3	284.3	275.3	251.4	248.4	239.4	239.4
70°	1556.2	1197.1	383.1	314.2	260.4	248.4	278.3	272.3	254.4	239.4	236.4
72.5°	960.6	628.5	338.2	275.3	221.5	230.4	281.3	260.4	227.4	212.5	203.5
75°	586.6	398.0	290.3	236.4	179.6	194.5	251.4	224.4	188.5	176.6	170.6
77.5°	290.3	275.3	224.4	191.5	137.7	158.6	218.5	185.5	152.6	203.5	173.6
80°	146.6	155.6	146.6	110.7	95.8	116.7	161.6	143.6	113.7	146.6	101.7
82.5°	68.8	89.8	98.8	77.8	53.9	65.8	104.7	83.8	74.8	71.8	68.8
85°	20.9	32.9	41.9	35.9	20.9	23.9	47.9	41.9	50.9	41.9	41.9
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	6.0	3.0	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

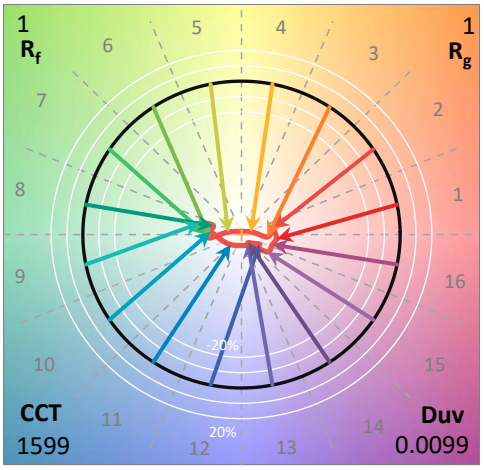
Test Information

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

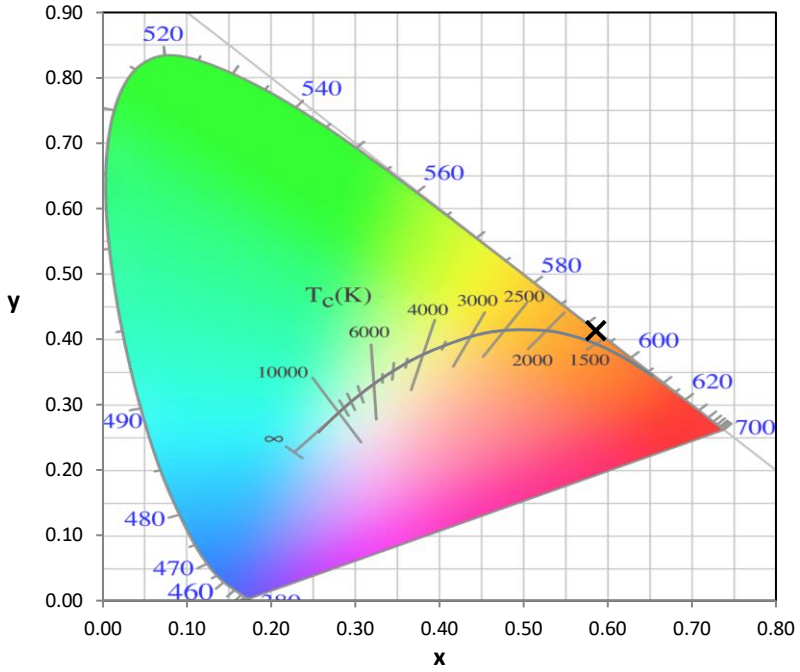
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

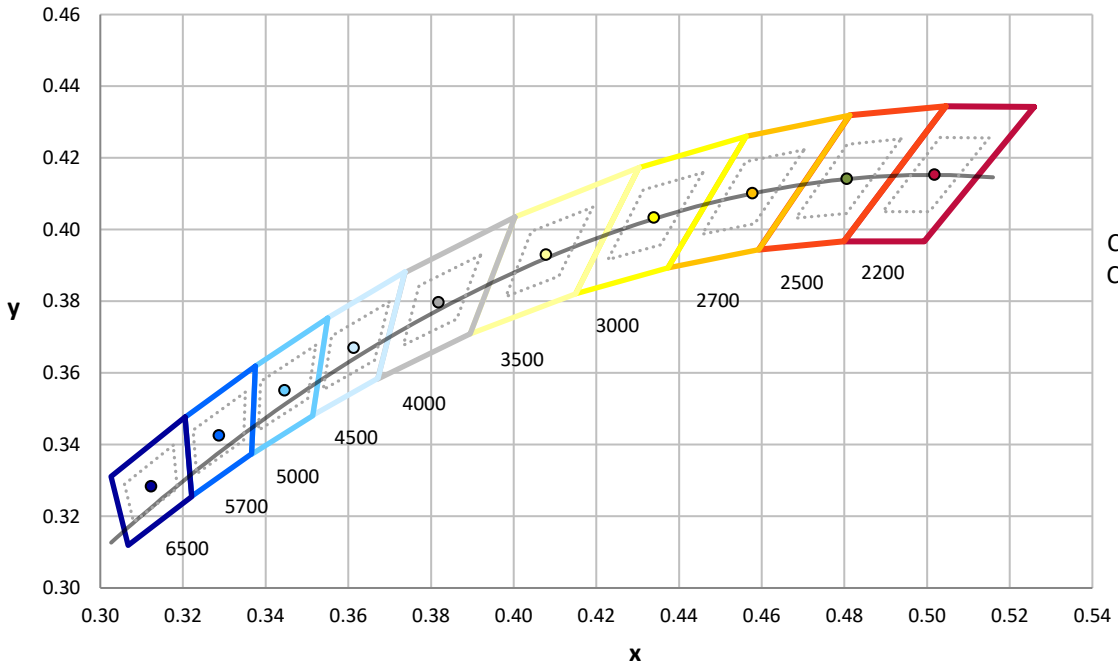
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

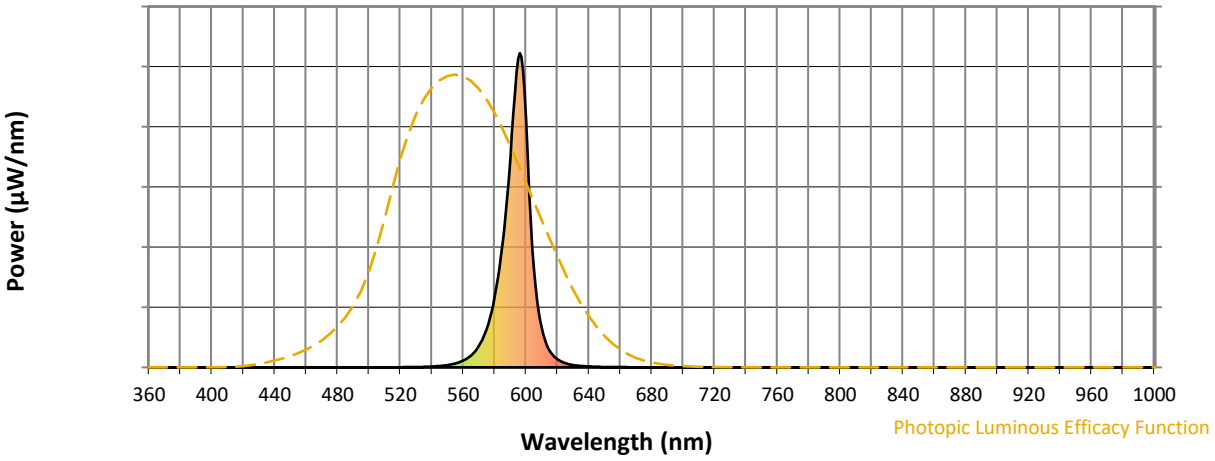


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

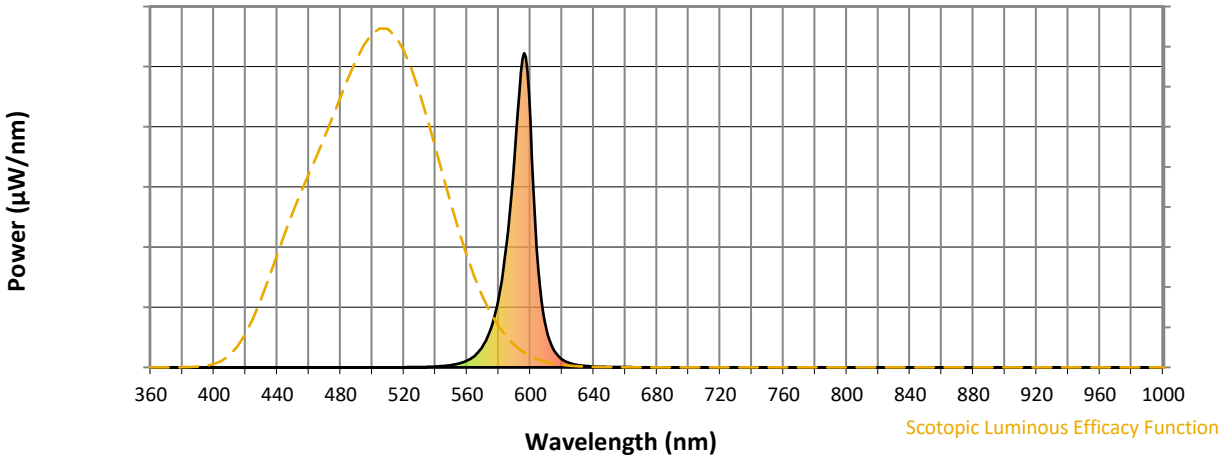


Photopic Lumens: NR

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

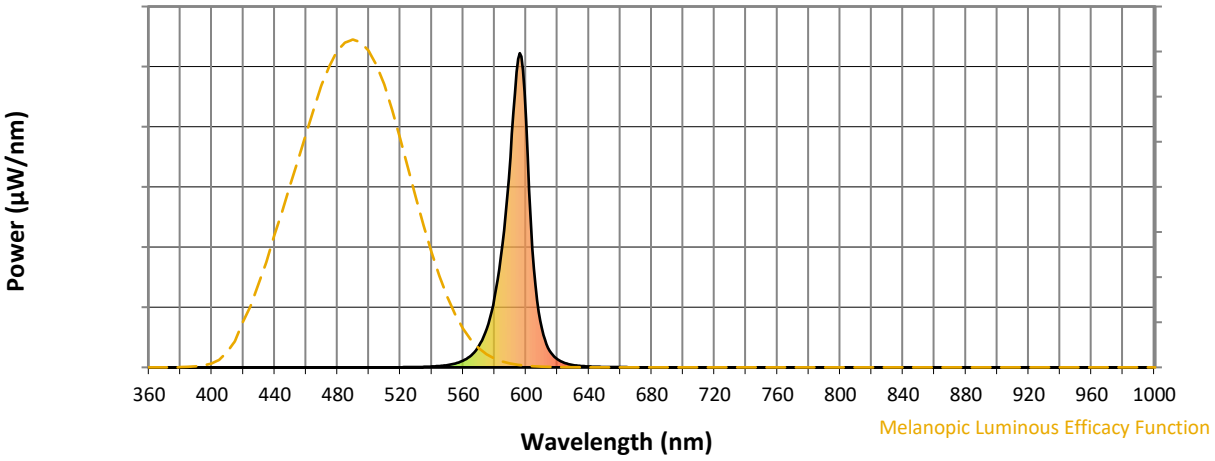


Scotopic Lumens: NR **S/P: 0.23**

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			

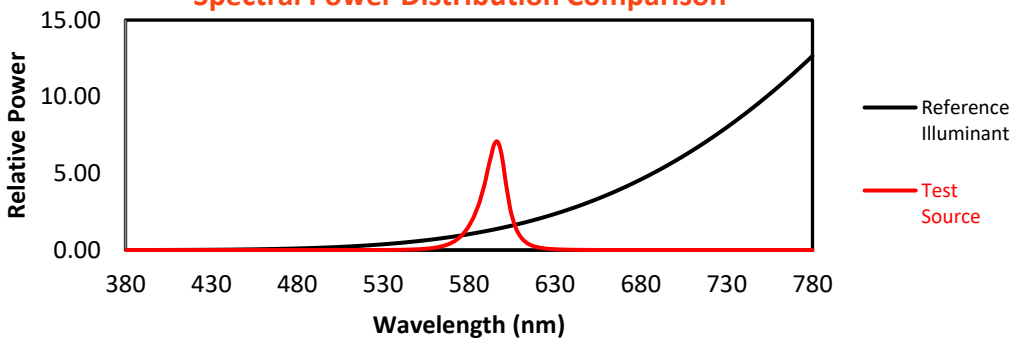
REPORT NUMBER: SP3-2509-541-1

TM-30-18

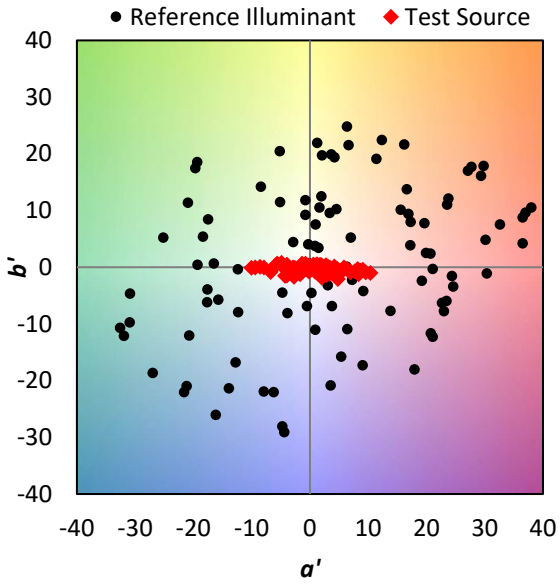
Summary

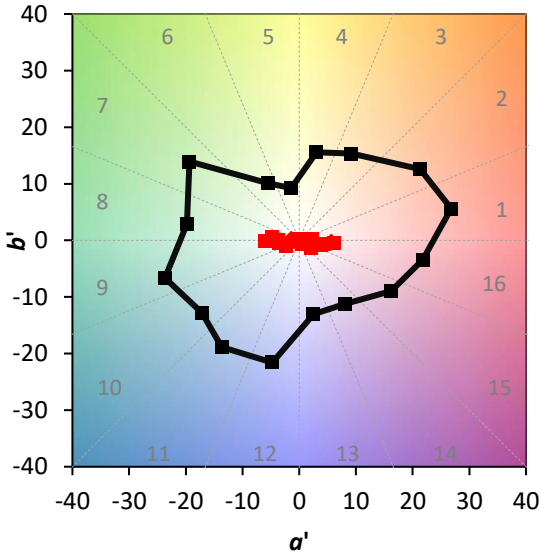
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

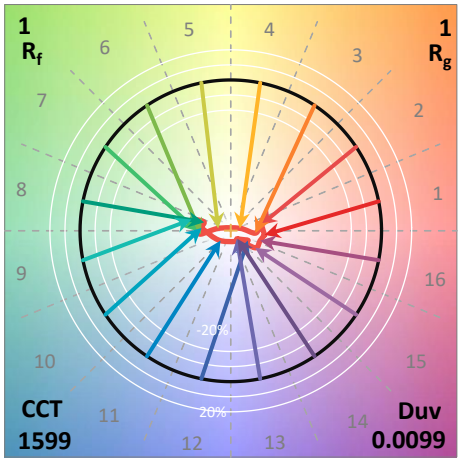
Spectral Power Distribution Comparison

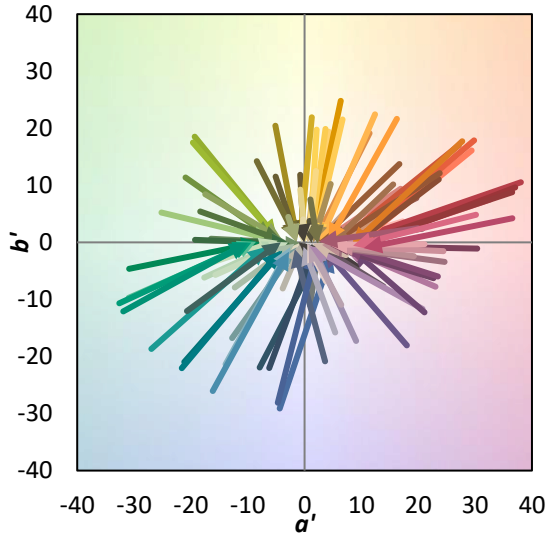


Color Vector Graphics







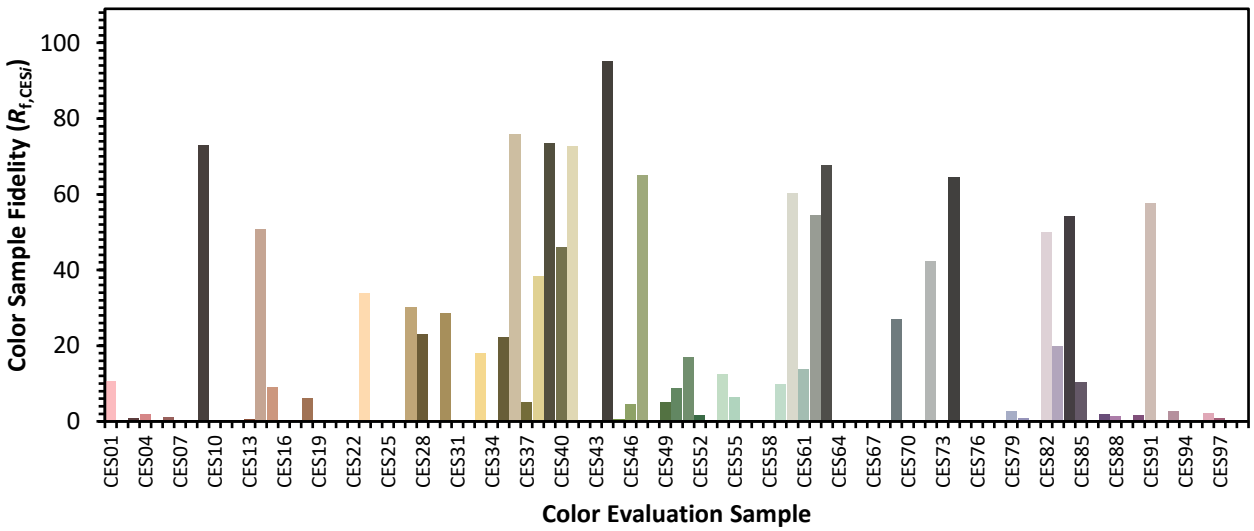


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

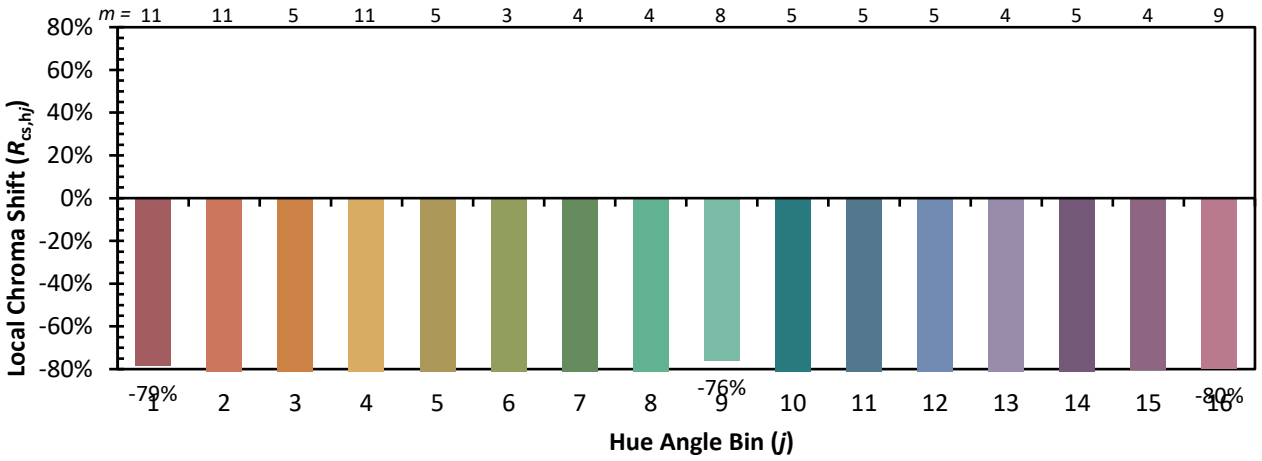
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CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 =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

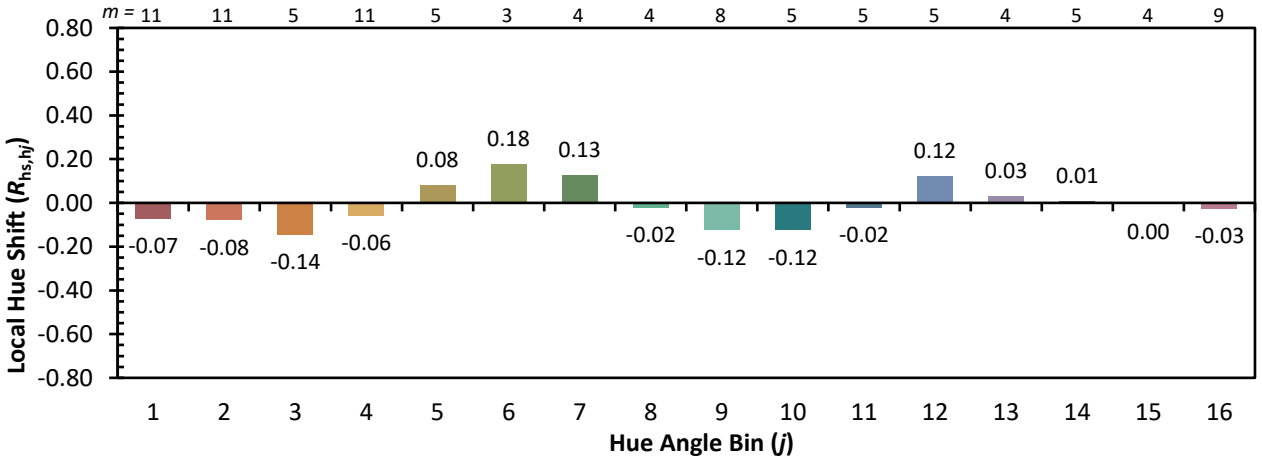


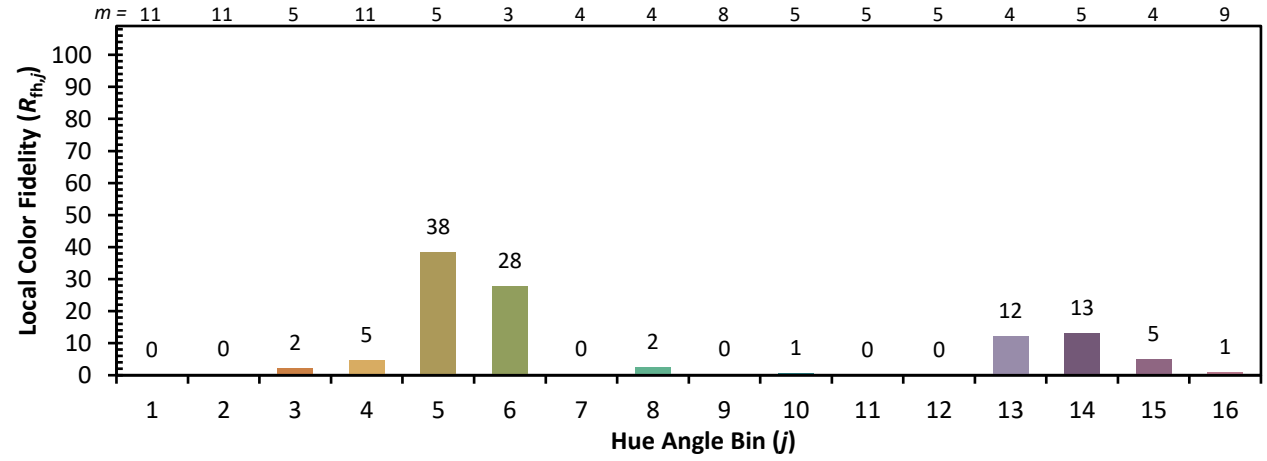
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



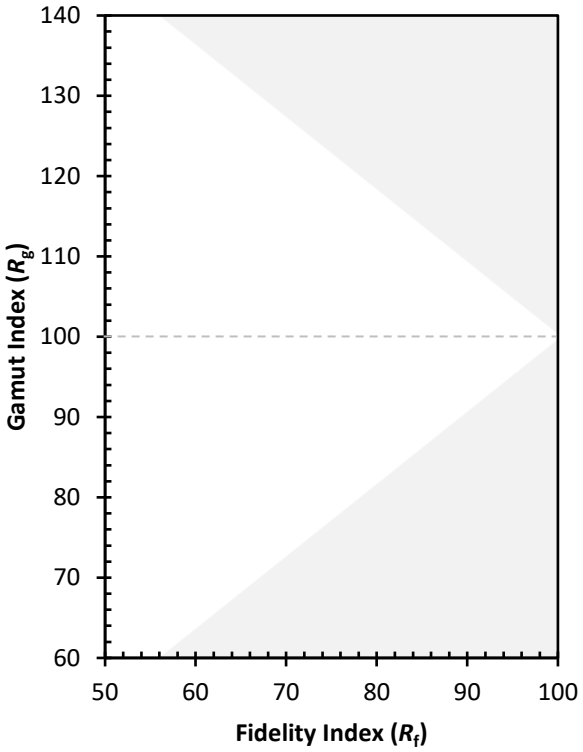


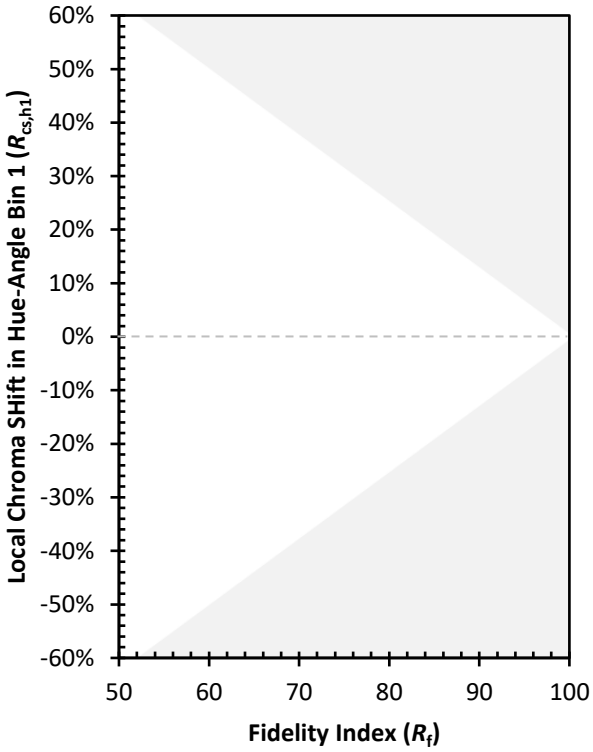


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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