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-T2U

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-T2U
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T2 URBAN DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6353.1 lumens
Efficiency:	N/A
Efficacy:	62.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

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

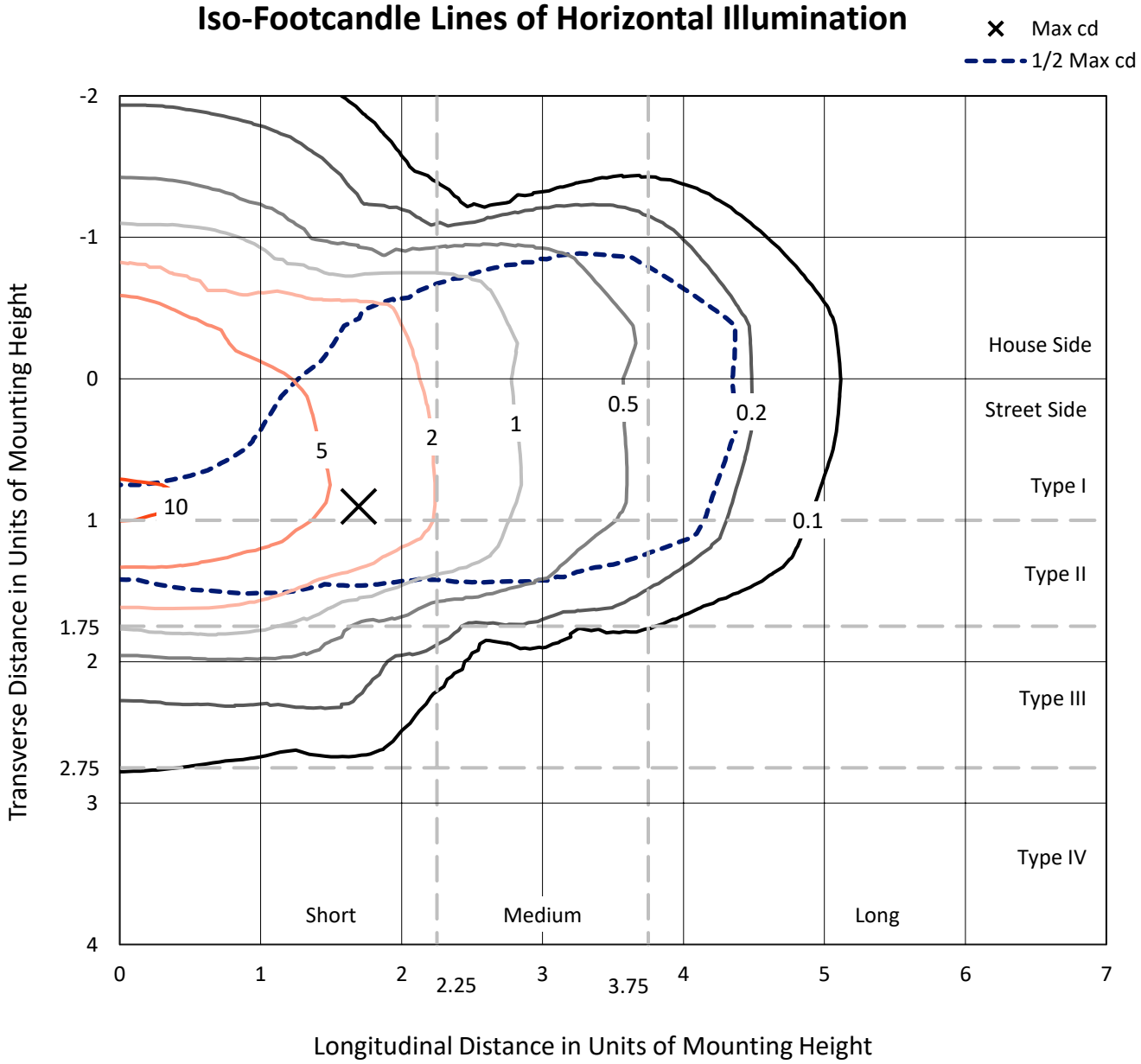


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



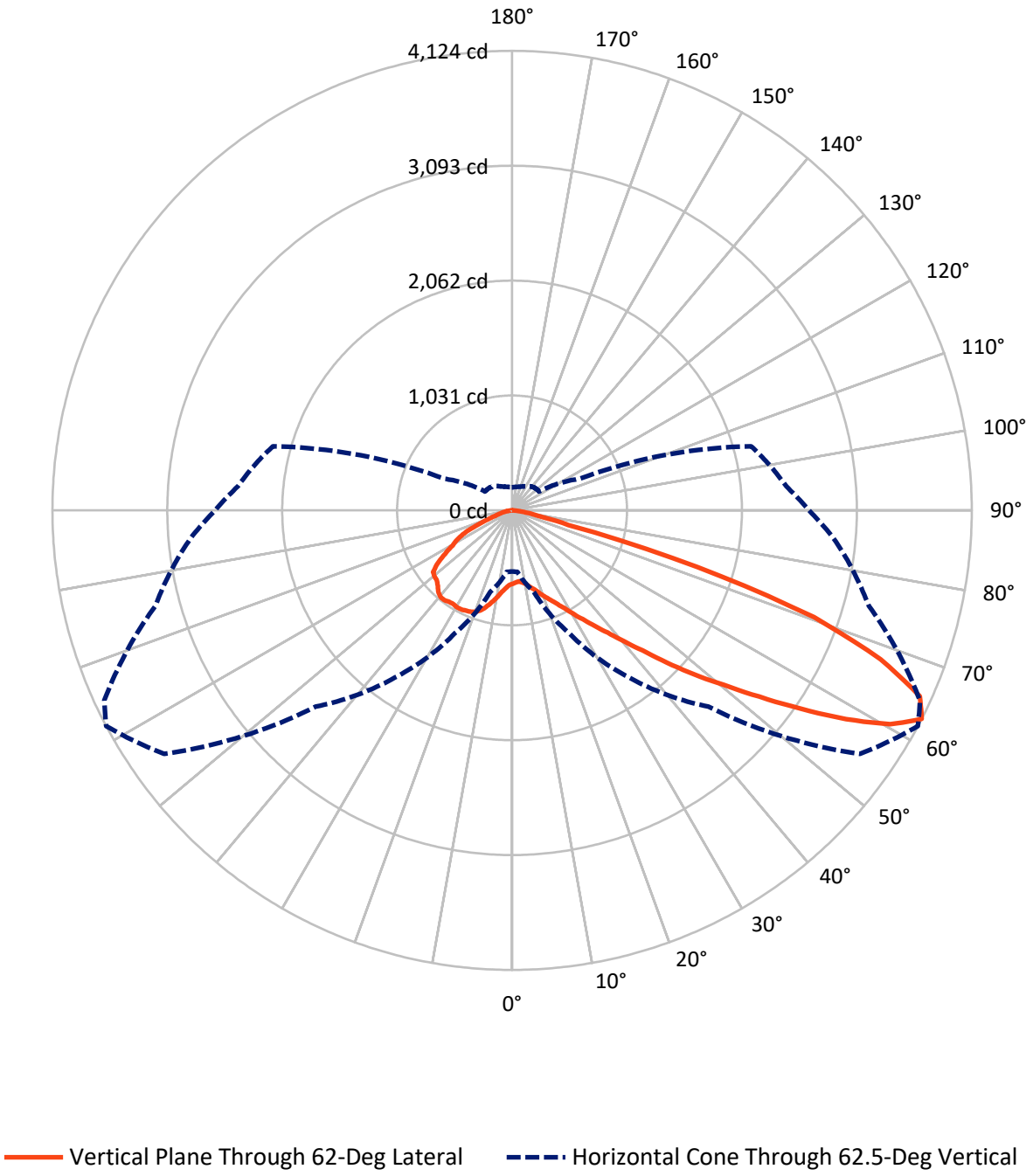
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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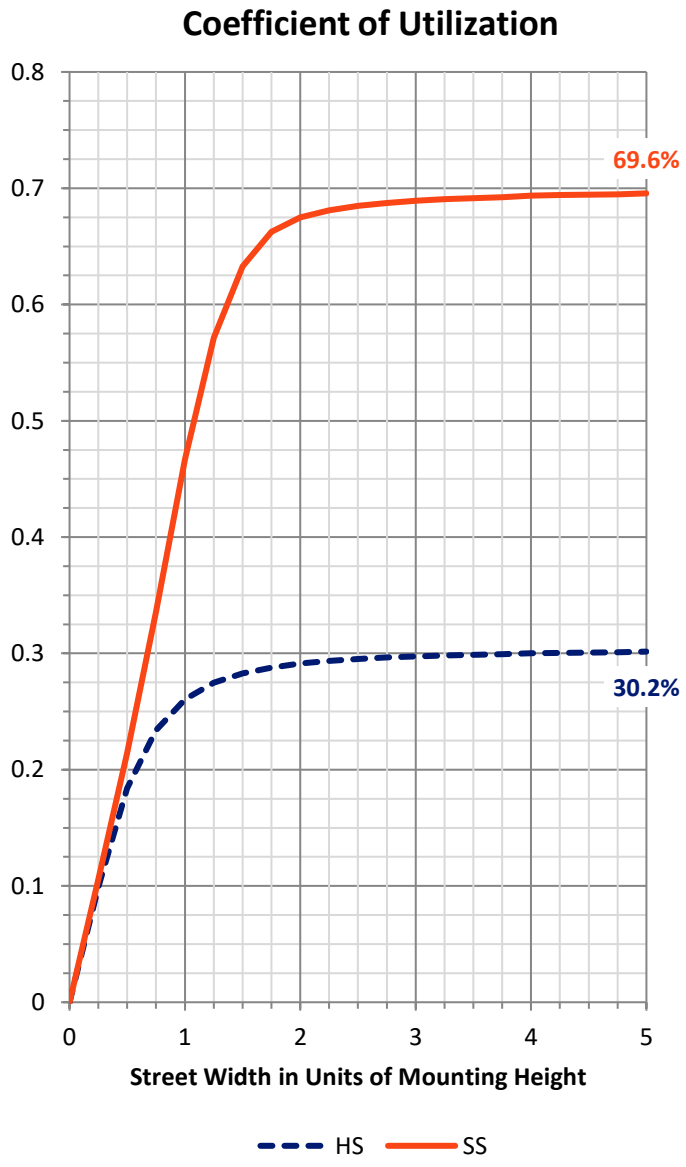
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1927.9	0.0	1927.9
	% Fixture	30.3	0.0	30.3
Street Side	Lumens	4425.2	0.0	4425.2
	% Fixture	69.7	0.0	69.7
Total	Lumens	6353.1	0.0	6353.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	1.0
10°-20°	229.5	3.6
20°-30°	444.8	7.0
30°-40°	720.4	11.3
40°-50°	1191.3	18.8
50°-60°	1584.3	24.9
60°-70°	1342.6	21.1
70°-80°	713.4	11.2
80°-90°	61.2	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°	6353.1	100.0
0°-180°	6353.1	100.0



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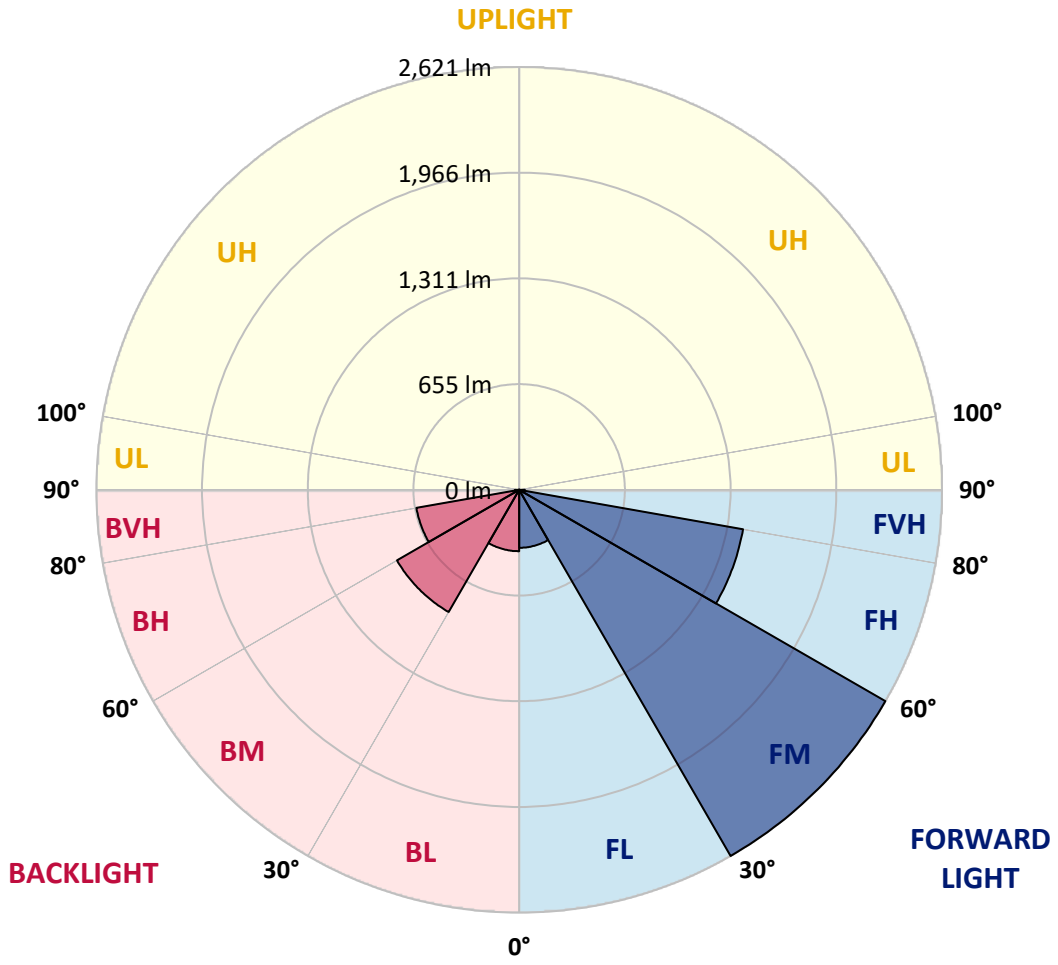
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	359.4	5.7			
FM	(30°-60°)	2621.4	41.3			
FH	(60°-80°)	1409.2	22.2			G1/1800
FVH	(80°-90°)	35.2	0.6			G1/100
BL	(0°-30°)	380.7	6.0	B1/500		
BM	(30°-60°)	874.5	13.8	B1/1000		
BH	(60°-80°)	646.7	10.2	B2/1000		G2/1000
BVH	(80°-90°)	26.0	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 II Short



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	62°	65°	75°	85°
0°	658.3	658.3	658.3	658.3	658.3	658.3	658.3	*658.3*	658.3	658.3	658.3
2.5°	640.4	637.4	637.4	637.4	637.4	643.4	643.4	*646.4*	652.4	655.3	658.3
5°	619.4	616.4	616.4	619.4	625.4	628.4	640.4	*640.4*	649.4	661.3	670.3
7.5°	622.4	619.4	619.4	622.4	625.4	631.4	643.4	*652.4*	655.3	673.3	691.3
10°	640.4	640.4	640.4	640.4	643.4	649.4	661.3	*670.3*	676.3	697.2	721.2
12.5°	673.3	670.3	673.3	670.3	673.3	676.3	688.3	*703.2*	712.2	733.2	757.1
15°	712.2	709.2	712.2	709.2	709.2	709.2	727.2	*733.2*	745.1	775.0	799.0
17.5°	763.1	757.1	760.1	751.1	748.1	748.1	760.1	*775.0*	787.0	822.9	846.9
20°	811.0	808.0	802.0	799.0	793.0	793.0	802.0	*822.9*	831.9	876.8	891.8
22.5°	861.8	861.8	849.9	849.9	843.9	846.9	855.8	*867.8*	879.8	930.7	942.6
25°	951.6	945.6	924.7	906.7	903.7	906.7	915.7	*924.7*	936.6	990.5	990.5
27.5°	1107.2	1104.2	1065.3	1020.4	978.5	975.5	987.5	*990.5*	1008.5	1053.3	1044.4
30°	1331.6	1307.7	1259.8	1197.0	1104.2	1062.3	1068.3	*1074.3*	1086.3	1125.2	1107.2
32.5°	1547.1	1532.1	1478.3	1397.5	1283.8	1188.0	1158.1	*1164.1*	1173.0	1209.0	1176.0
35°	1813.4	1804.5	1744.6	1633.9	1487.3	1343.6	1280.8	*1271.8*	1280.8	1301.7	1253.8
37.5°	2106.7	2079.8	2025.9	1897.2	1720.7	1535.1	1424.4	*1391.5*	1400.5	1415.4	1349.6
40°	2408.9	2405.9	2343.1	2232.4	1996.0	1771.5	1604.0	*1544.1*	1538.1	1553.1	1469.3
42.5°	2690.2	2678.3	2633.4	2543.6	2343.1	2064.8	1825.4	*1717.7*	1705.7	1690.7	1598.0
45°	2851.8	2848.8	2857.8	2854.8	2711.2	2435.9	2109.7	*1948.1*	1909.2	1867.3	1747.6
47.5°	2860.8	2863.8	2950.6	3049.3	3019.4	2866.8	2423.9	*2199.5*	2142.6	2040.9	1906.2
50°	2675.3	2687.2	2872.8	3115.2	3255.8	3267.8	2812.9	*2459.8*	2379.0	2238.4	2082.8
52.5°	2400.0	2394.0	2600.5	2947.6	3357.5	3579.0	3187.0	*2777.0*	2648.3	2447.8	2256.3
55°	2010.9	2040.9	2310.2	2597.5	3181.0	3779.5	3561.0	*3139.1*	2995.5	2681.2	2450.8
57.5°	1565.1	1607.0	1918.2	2289.2	2756.1	3638.8	3770.5	*3534.1*	3372.5	2923.6	2654.3
60°	909.7	951.6	1301.7	1834.4	2367.0	3139.1	3887.2	*3896.2*	3731.6	3172.0	2830.9
62.5°	*547.6*	*553.6*	*757.1*	*1217.9*	*1831.4*	*2489.7*	*3809.4*	*4123.6*	*4036.8*	*3312.7*	*2896.7*
65°	338.1	344.1	442.9	715.2	1146.1	1729.6	3309.7	*4018.9*	3950.1	3210.9	2783.0
67.5°	275.3	278.3	323.2	445.9	772.1	831.9	2241.4	*3567.0*	3740.6	3118.1	2744.1
70°	260.3	260.3	263.3	311.2	568.6	493.8	1131.2	*2872.8*	3363.5	3037.4	2657.3
72.5°	212.5	215.5	239.4	236.4	398.0	350.1	329.2	*1738.6*	2504.7	3004.4	2603.4
75°	146.6	149.6	173.6	215.5	245.4	239.4	242.4	*523.7*	1427.4	2833.9	2573.5
77.5°	104.7	107.7	125.7	152.6	170.6	158.6	197.5	*239.4*	353.1	1705.7	1945.1
80°	68.8	71.8	83.8	104.7	125.7	95.8	113.7	*155.6*	161.6	664.3	963.6
82.5°	35.9	38.9	44.9	59.8	71.8	62.8	50.9	*77.8*	92.8	185.5	176.6
85°	12.0	12.0	18.0	20.9	26.9	29.9	23.9	*35.9*	38.9	59.8	41.9
87.5°	3.0	3.0	3.0	3.0	3.0	6.0	9.0	*9.0*	12.0	12.0	15.0
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-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	658.3	658.3	658.3	658.3	658.3	658.3	658.3	658.3	658.3	658.3	658.3
2.5°	661.3	664.3	667.3	667.3	673.3	676.3	679.3	682.3	682.3	685.3	688.3
5°	670.3	679.3	688.3	697.2	700.2	712.2	712.2	721.2	718.2	721.2	724.2
7.5°	697.2	706.2	721.2	733.2	742.1	748.1	751.1	760.1	763.1	763.1	760.1
10°	730.2	745.1	763.1	781.0	793.0	802.0	802.0	805.0	808.0	805.0	805.0
12.5°	772.1	787.0	808.0	831.9	846.9	849.9	852.9	846.9	834.9	822.9	822.9
15°	814.0	831.9	858.8	879.8	894.7	897.7	873.8	849.9	843.9	840.9	834.9
17.5°	858.8	873.8	903.7	930.7	942.6	912.7	885.8	888.8	900.7	906.7	900.7
20°	894.7	909.7	942.6	963.6	966.6	918.7	924.7	957.6	963.6	960.6	960.6
22.5°	939.6	948.6	966.6	987.5	969.6	945.6	987.5	987.5	978.5	963.6	966.6
25°	981.5	978.5	990.5	999.5	963.6	993.5	993.5	969.6	942.6	936.6	939.6
27.5°	1023.4	1005.5	999.5	1005.5	981.5	990.5	954.6	912.7	888.8	879.8	885.8
30°	1071.3	1038.4	1008.5	996.5	1008.5	948.6	873.8	825.9	799.0	790.0	793.0
32.5°	1125.2	1077.3	1011.5	996.5	981.5	858.8	760.1	688.3	688.3	700.2	703.2
35°	1200.0	1131.2	1023.4	1023.4	930.7	742.1	598.5	583.5	583.5	589.5	592.5
37.5°	1271.8	1191.0	1038.4	1071.3	861.8	607.5	505.7	487.8	472.8	457.8	466.8
40°	1376.5	1268.8	1077.3	1104.2	784.0	496.7	457.8	430.9	401.0	383.0	392.0
42.5°	1502.2	1367.6	1128.2	1110.2	700.2	457.8	436.9	410.0	377.1	350.1	362.1
45°	1612.9	1472.3	1206.0	1101.2	598.5	451.9	445.9	416.0	371.1	347.1	356.1
47.5°	1756.6	1586.0	1295.7	1095.2	517.7	490.8	460.8	404.0	353.1	329.2	335.2
50°	1921.2	1723.7	1409.5	1083.3	520.7	508.7	448.9	374.1	317.2	287.3	290.3
52.5°	2082.8	1870.3	1568.1	1053.3	541.6	499.7	407.0	317.2	287.3	278.3	275.3
55°	2256.3	2022.9	1732.6	954.6	508.7	436.9	332.2	296.3	275.3	260.3	260.3
57.5°	2441.9	2190.5	1912.2	831.9	445.9	374.1	302.2	275.3	260.3	248.4	248.4
60°	2603.4	2376.0	2085.7	733.2	353.1	314.2	281.3	257.4	239.4	230.4	227.4
62.5°	*2663.3*	*2468.8*	*2220.4*	*670.3*	*296.3*	*287.3*	*266.3*	*236.4*	*218.4*	*209.5*	*206.5*
65°	2591.5	2486.7	2235.4	568.6	254.4	254.4	242.4	215.5	197.5	185.5	185.5
67.5°	2624.4	2621.4	2379.0	413.0	221.4	221.4	218.4	188.5	173.6	164.6	164.6
70°	2570.5	2684.2	2340.1	248.4	179.5	185.5	182.5	164.6	149.6	143.6	143.6
72.5°	2567.5	2798.0	2205.4	161.6	146.6	152.6	149.6	140.6	125.7	122.7	119.7
75°	2537.6	2821.9	1876.3	128.7	116.7	119.7	122.7	119.7	104.7	104.7	101.7
77.5°	1918.2	1903.2	1017.4	98.8	89.8	92.8	98.8	95.8	83.8	95.8	80.8
80°	1044.4	972.6	305.2	65.8	62.8	68.8	71.8	68.8	59.8	71.8	56.9
82.5°	212.5	254.4	92.8	41.9	38.9	41.9	44.9	38.9	32.9	29.9	26.9
85°	32.9	38.9	35.9	23.9	18.0	18.0	20.9	15.0	12.0	9.0	9.0
87.5°	15.0	15.0	12.0	9.0	6.0	3.0	3.0	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

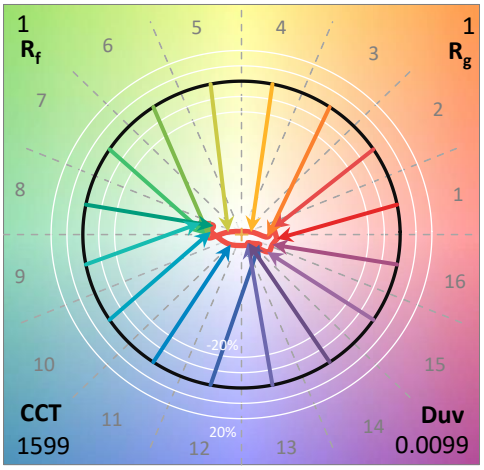
Test Information

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

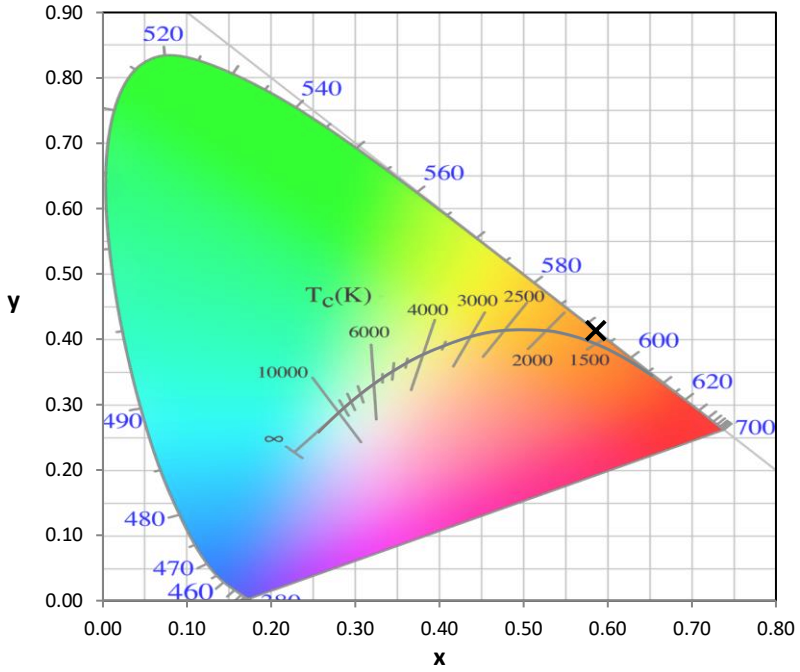
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

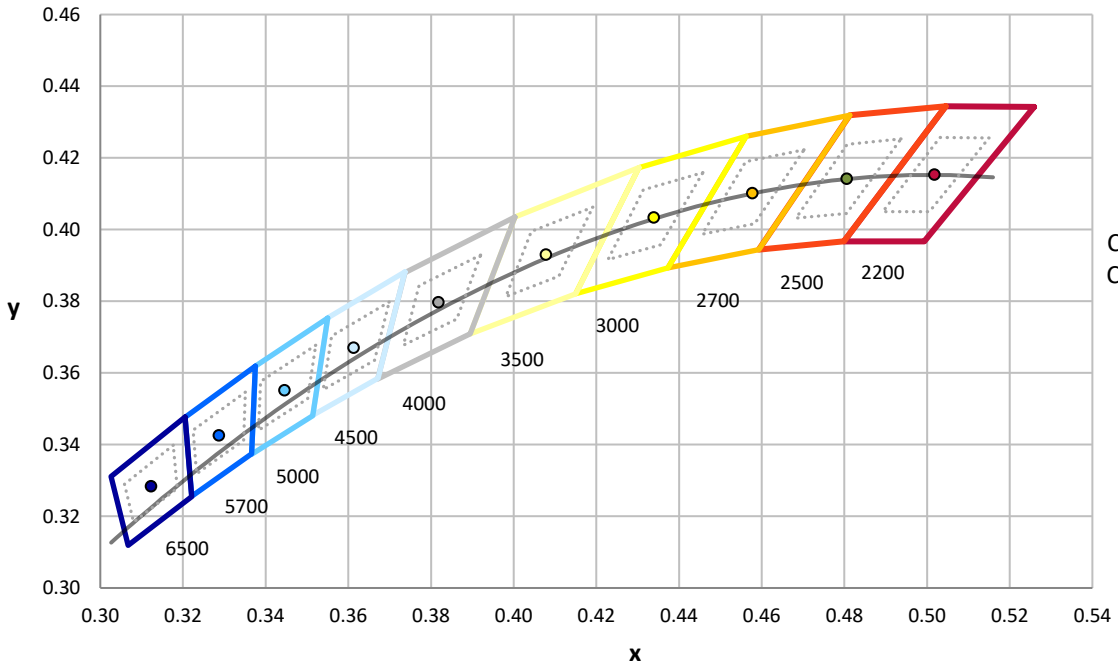
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

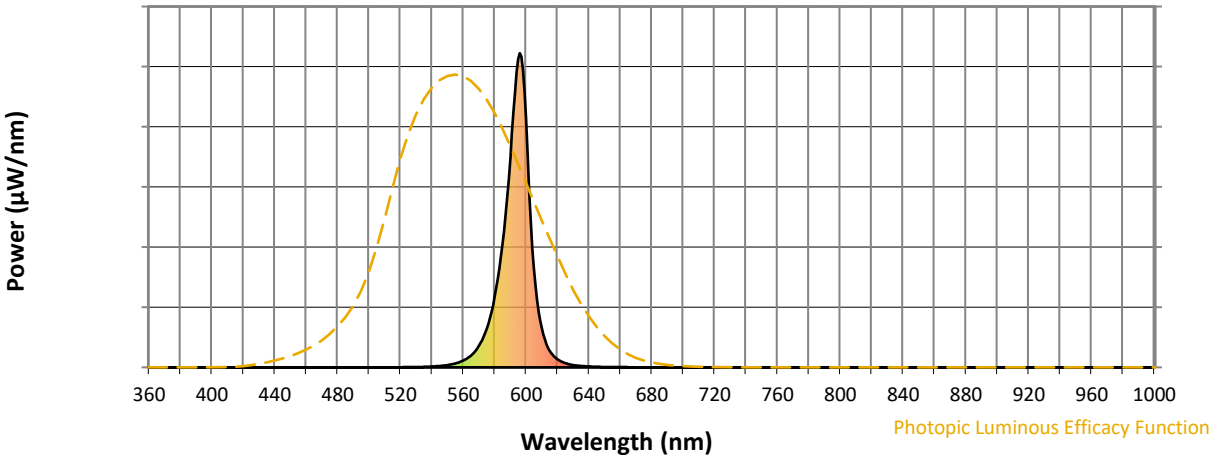


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

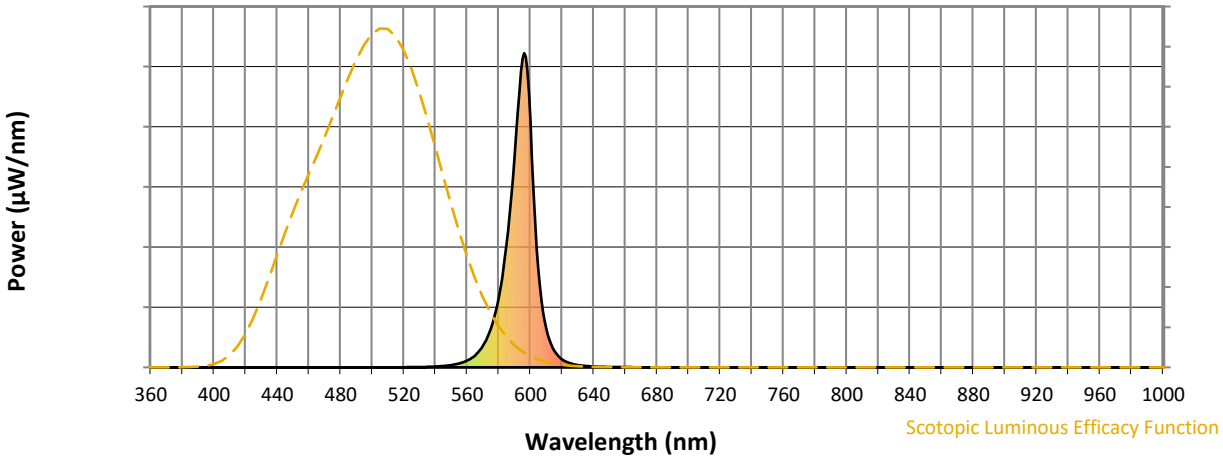


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

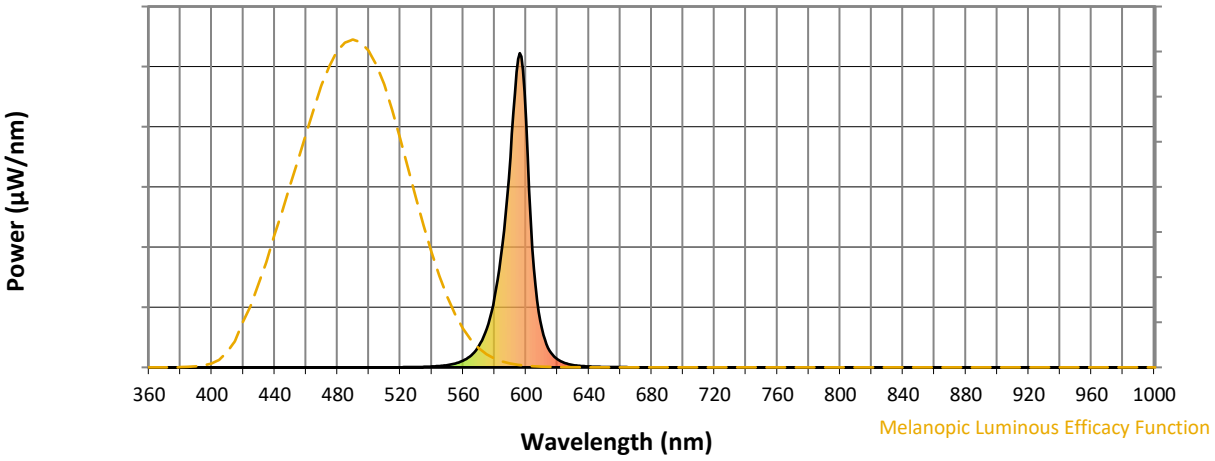


Scotopic Lumens: NR **S/P: 0.23**

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			

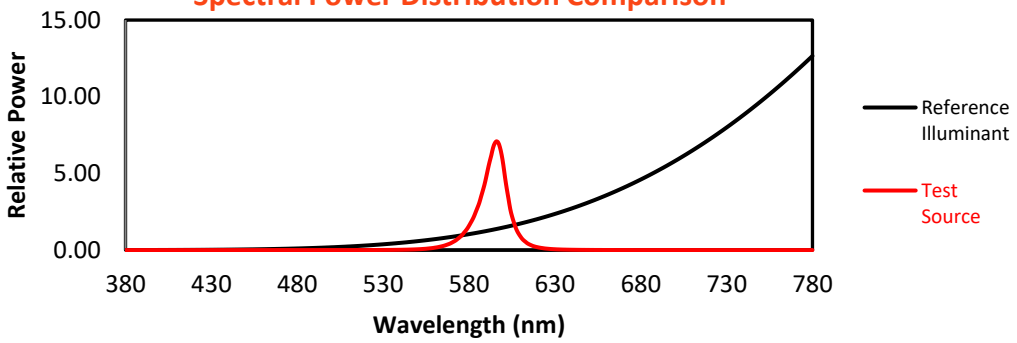
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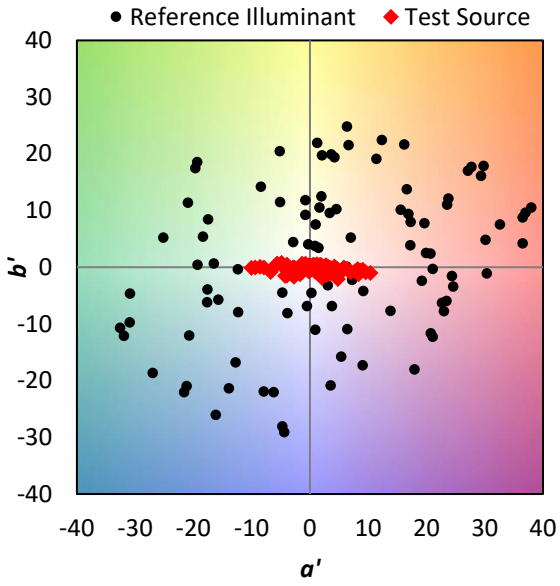
Summary

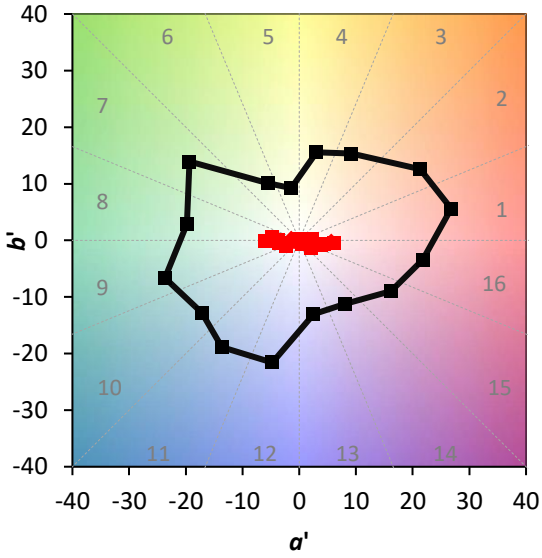
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

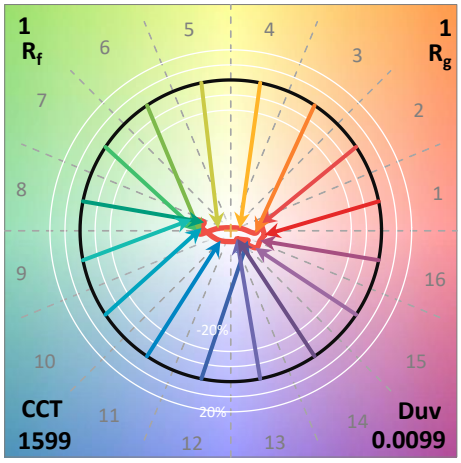
Spectral Power Distribution Comparison

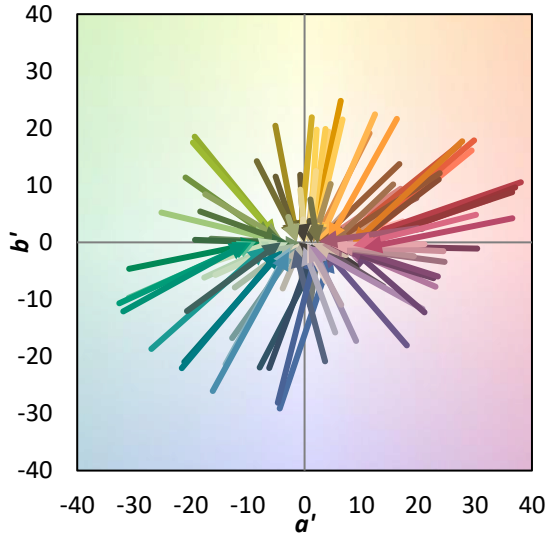


Color Vector Graphics







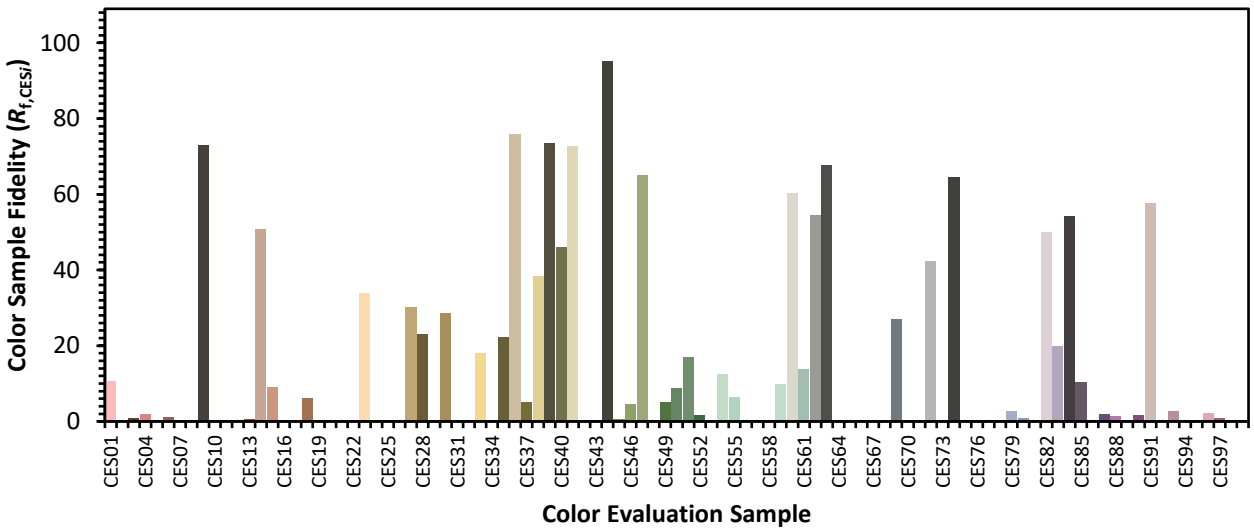


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Individual Sample Fidelity Index ($R_{f,i}$)

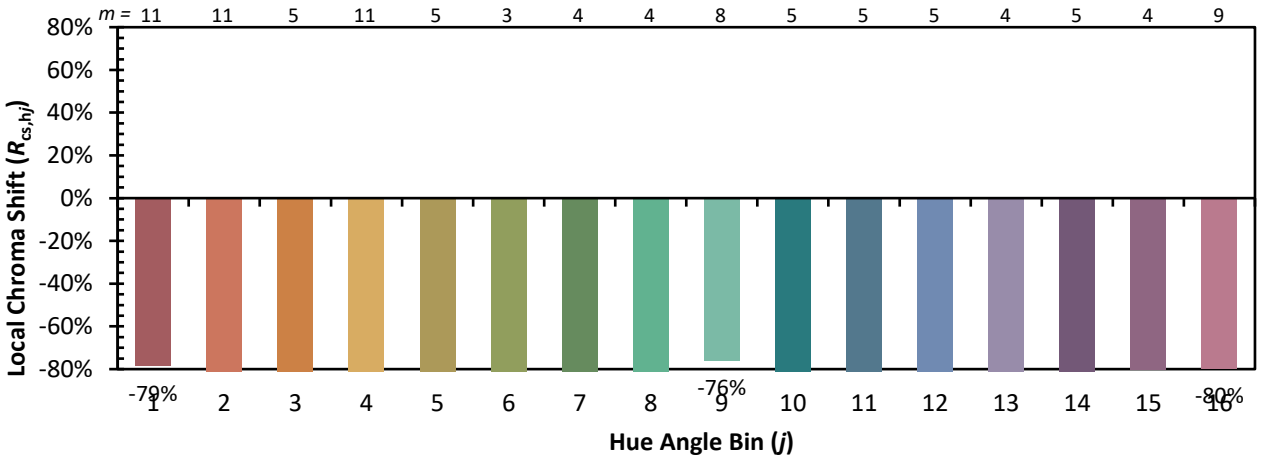
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

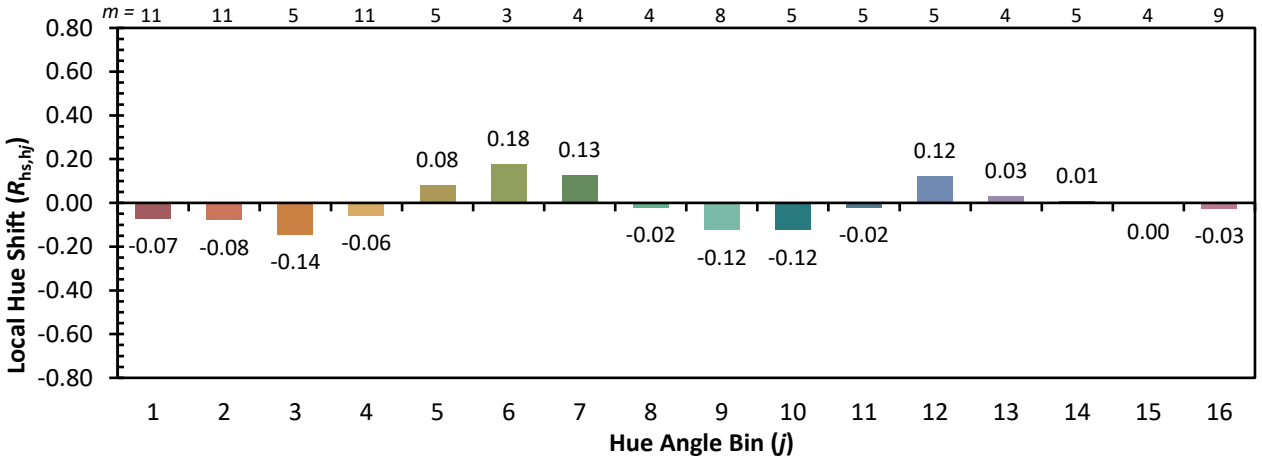


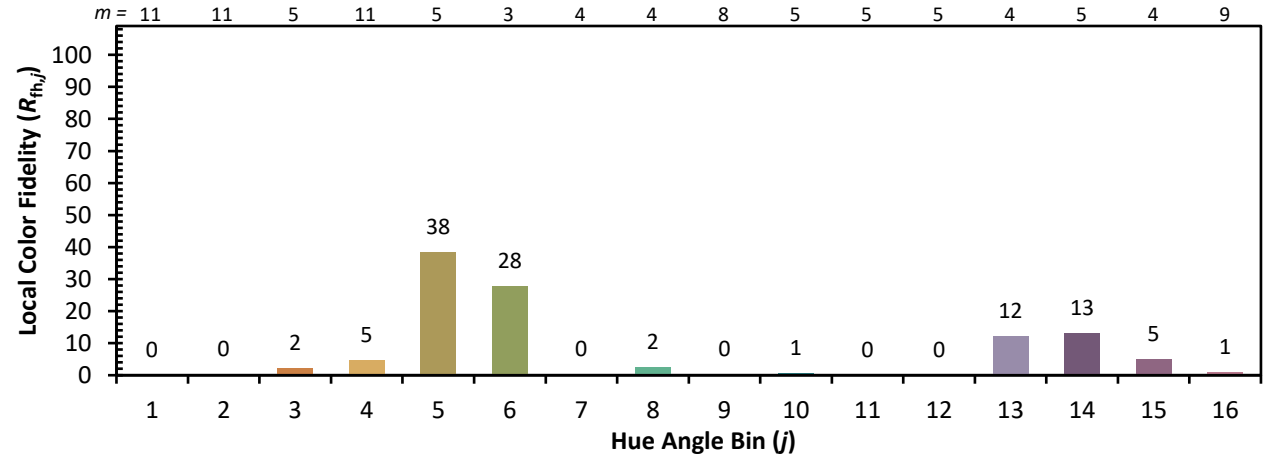
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Color Rendition by Hue-Angle Bin



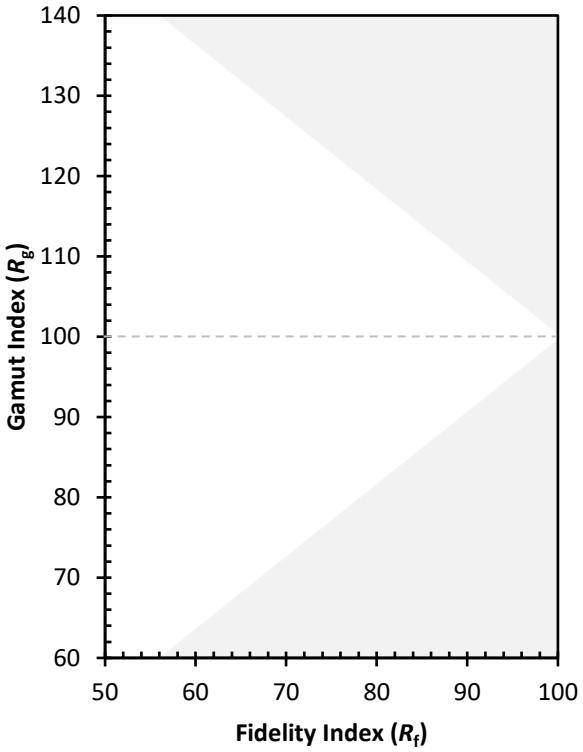


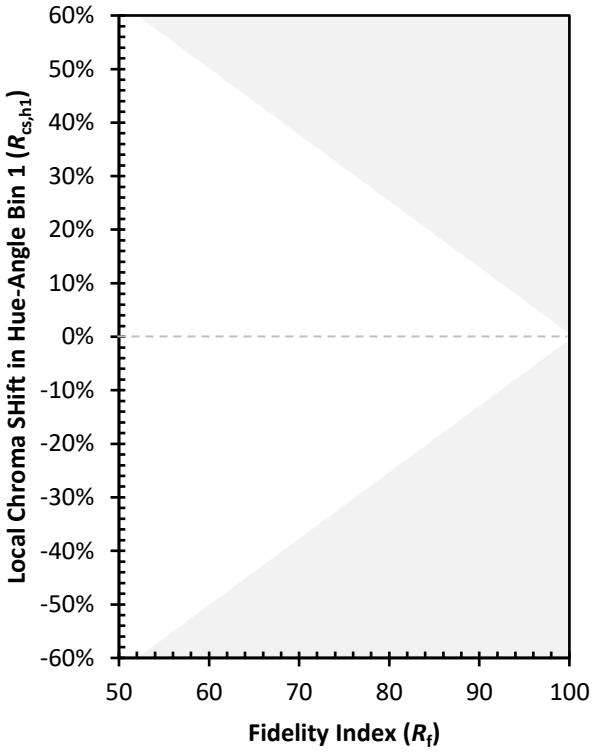


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Measure Comparisons





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