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-SL2

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-SL2
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9904.8 lumens
Efficiency:	N/A
Efficacy:	61.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - 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

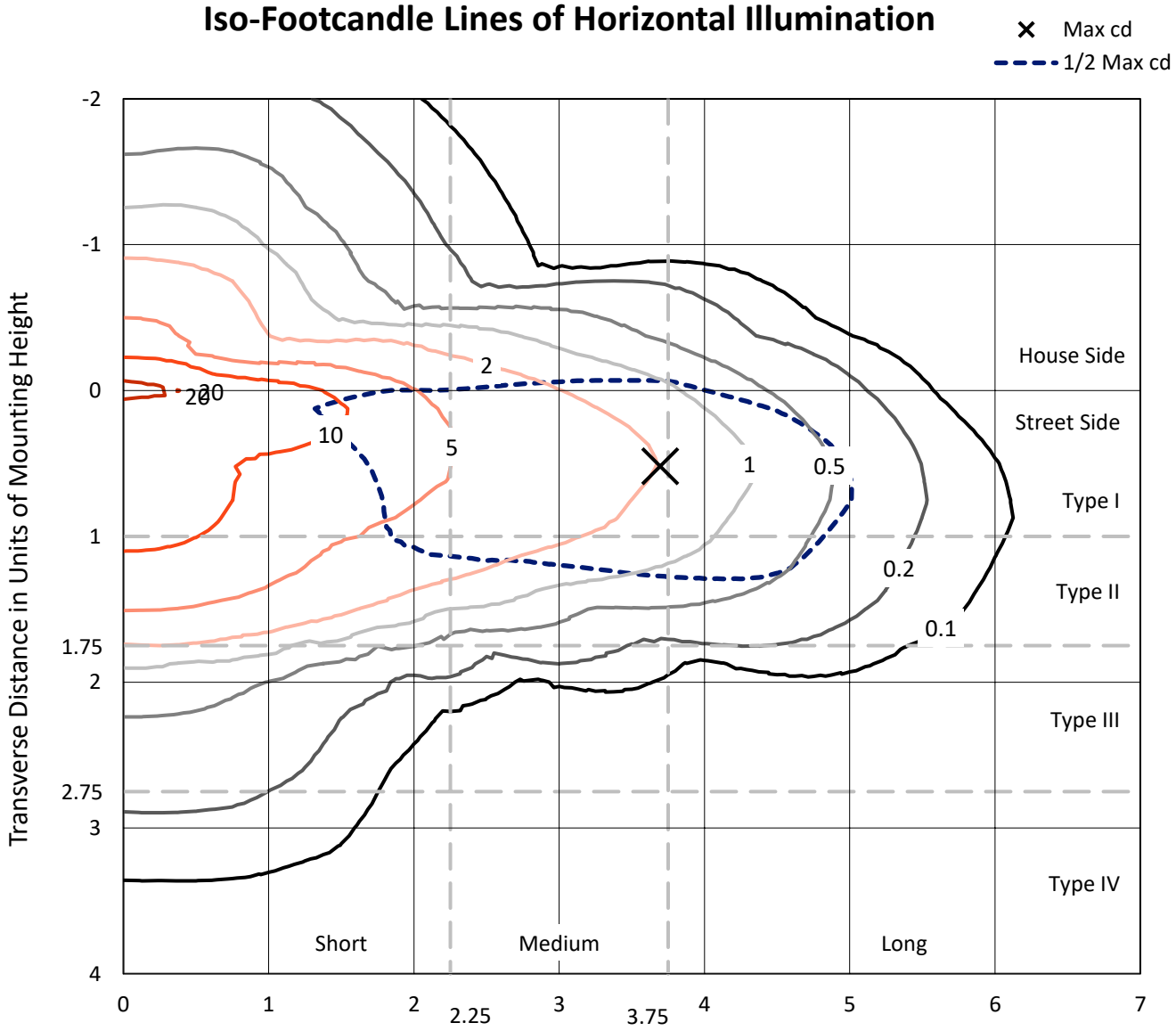


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



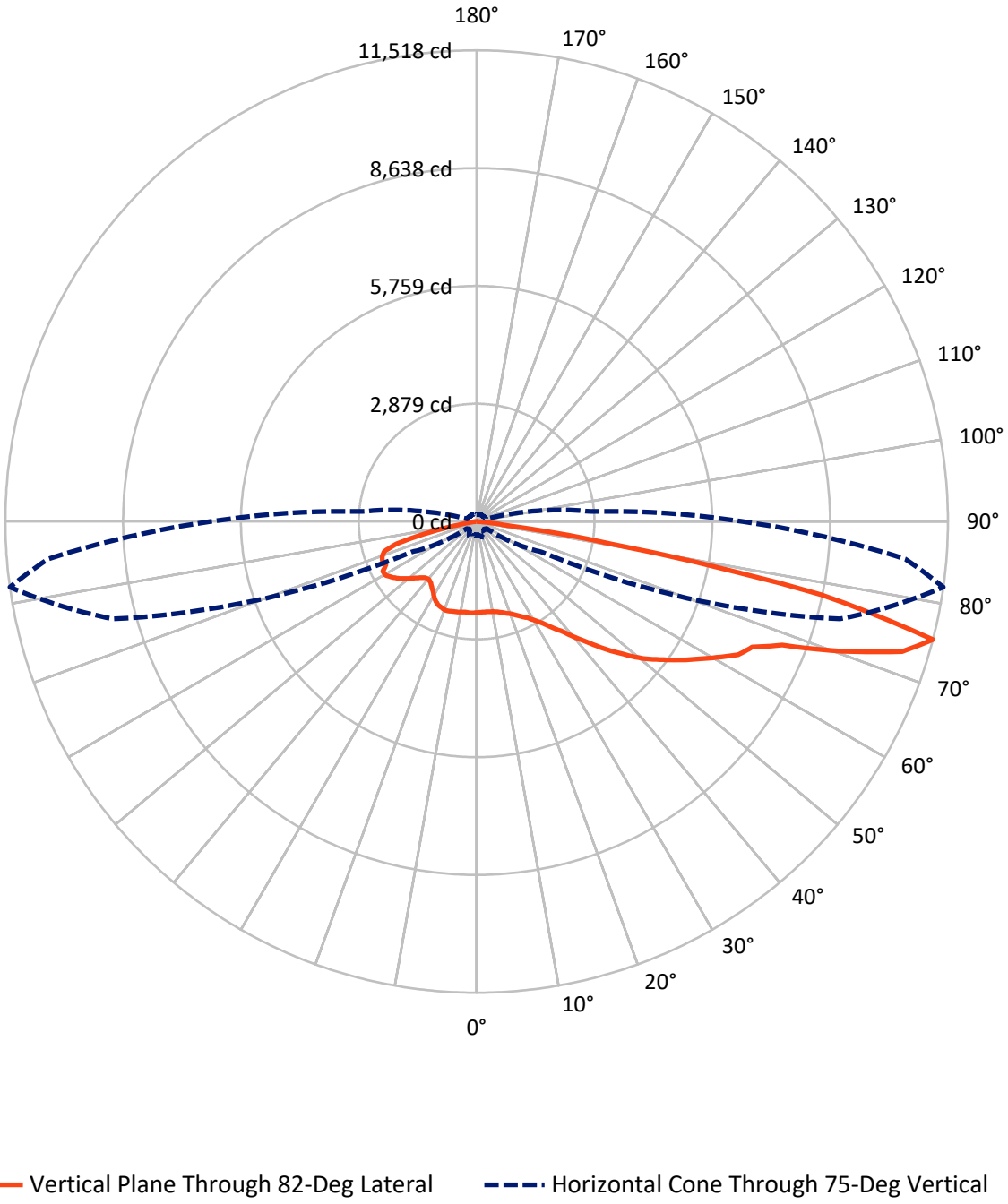
Based on 10 foot mounting height. Maximum calculated value = 22.2 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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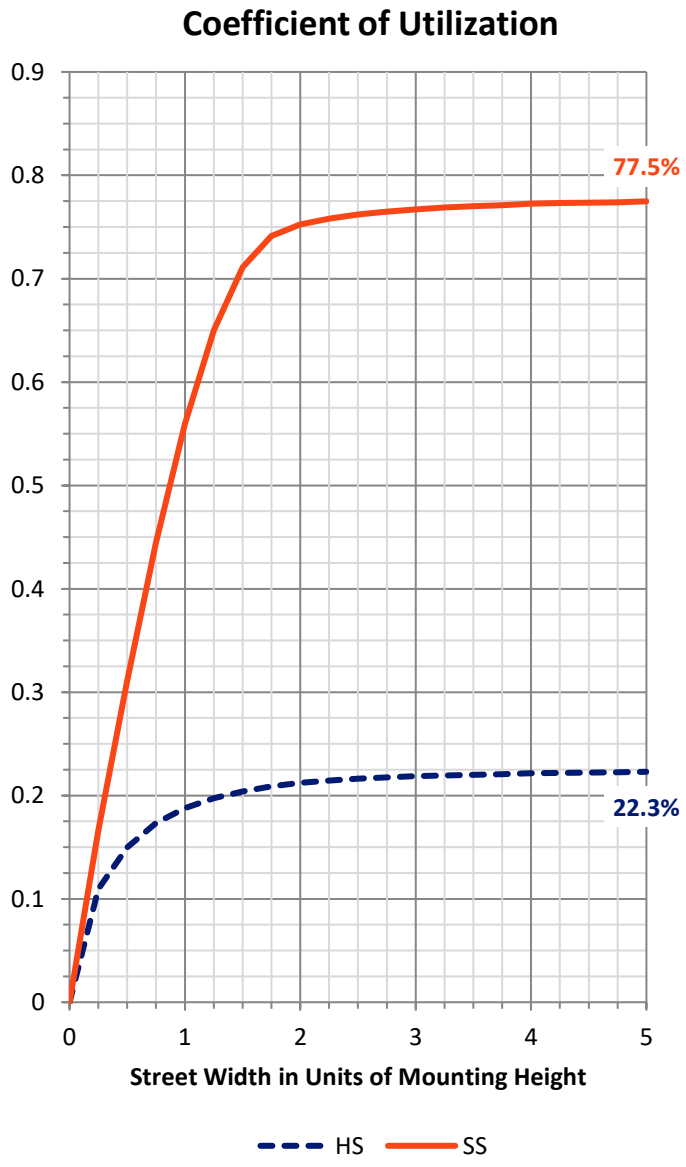
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2226.1	0.0	2226.1
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	7678.6	0.0	7678.6
	% Fixture	77.5	0.0	77.5
Total	Lumens	9904.8	0.0	9904.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.4	2.0
10°-20°	453.3	4.6
20°-30°	712.9	7.2
30°-40°	1088.6	11.0
40°-50°	1589.9	16.1
50°-60°	2112.5	21.3
60°-70°	2125.3	21.5
70°-80°	1501.3	15.2
80°-90°	126.6	1.3
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°	9904.8	100.0
0°-180°	9904.8	100.0



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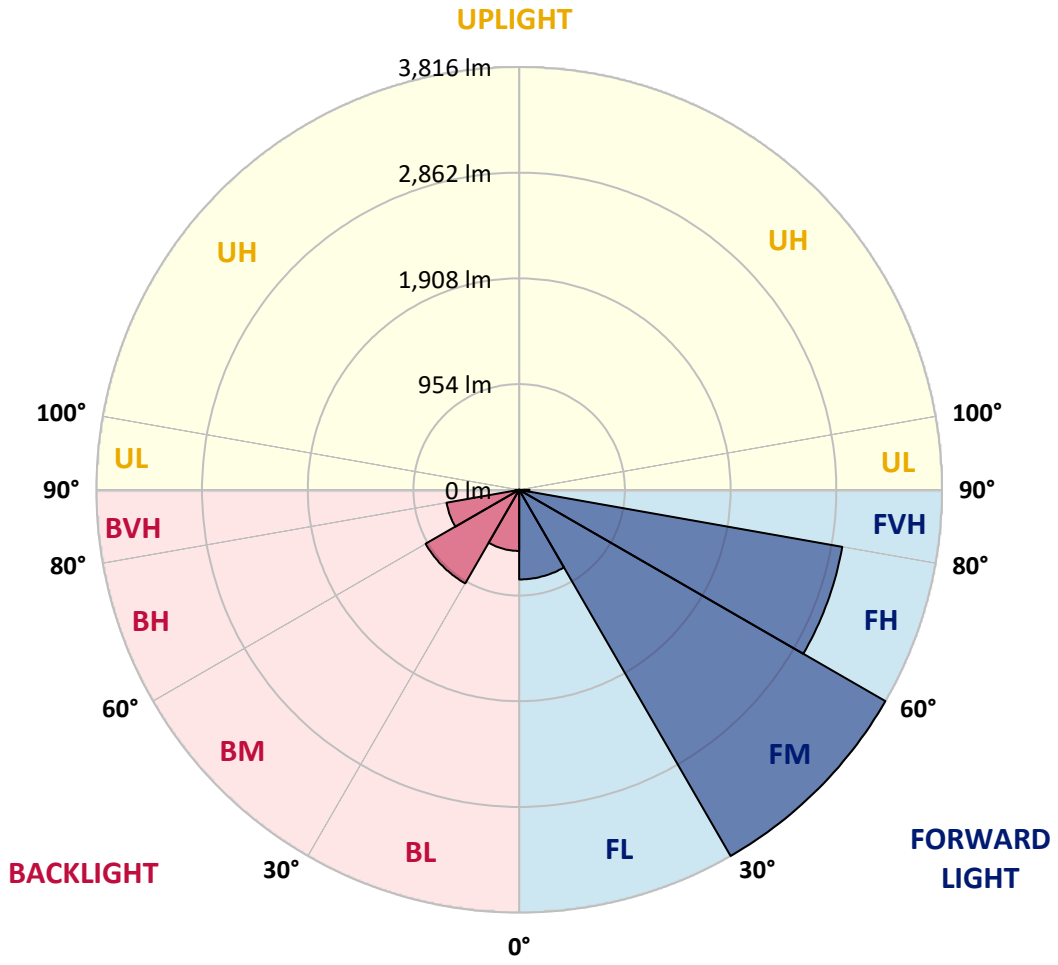
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	809.0	8.2			
FM	(30°-60°)	3816.1	38.5			
FH	(60°-80°)	2960.9	29.9			G2/5000
FVH	(80°-90°)	92.7	0.9			G1/100
BL	(0°-30°)	551.6	5.6	B2/1000		
BM	(30°-60°)	974.9	9.8	B1/1000		
BH	(60°-80°)	665.8	6.7	B2/1000		G2/1000
BVH	(80°-90°)	33.8	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	*2224.7*	2224.7
2.5°	2229.4	2220.0	2210.6	2215.3	2205.9	2215.3	2224.7	2215.3	2220.0	*2220.0*	2215.3
5°	2037.0	2022.9	2027.6	2041.7	2098.0	2149.6	2187.2	2191.8	2215.3	*2220.0*	2215.3
7.5°	1760.0	1750.7	1778.8	1816.4	1882.1	1966.6	2069.8	2163.7	2210.6	*2224.7*	2220.0
10°	1520.7	1520.7	1530.1	1577.0	1666.2	1792.9	1929.0	2074.5	2220.0	*2238.8*	2248.2
12.5°	1450.3	1445.6	1450.3	1469.1	1516.0	1609.9	1816.4	2008.8	2234.1	*2266.9*	2271.6
15°	1478.4	1478.4	1464.4	1459.7	1469.1	1530.1	1680.3	1957.2	2224.7	*2304.5*	2318.6
17.5°	1577.0	1558.2	1544.1	1511.3	1492.5	1506.6	1600.5	1896.2	2220.0	*2356.1*	2365.5
20°	1689.6	1685.0	1647.4	1609.9	1558.2	1539.5	1586.4	1853.9	2248.2	*2407.7*	2440.6
22.5°	1849.2	1839.8	1802.3	1736.6	1666.2	1600.5	1609.9	1792.9	2266.9	*2487.5*	2492.2
25°	2022.9	2004.1	1957.2	1886.8	1788.2	1699.0	1652.1	1788.2	2299.8	*2576.7*	2595.5
27.5°	2210.6	2196.5	2144.9	2051.0	1938.4	1816.4	1731.9	1821.1	2374.9	*2665.9*	2698.7
30°	2440.6	2412.4	2337.3	2234.1	2112.1	1943.1	1839.8	1910.2	2473.5	*2802.0*	2820.8
32.5°	2656.5	2647.1	2572.0	2459.4	2276.3	2079.2	1961.9	2013.5	2590.8	*2966.3*	2980.3
35°	2764.4	2759.8	2755.1	2698.7	2473.5	2220.0	2083.9	2144.9	2755.1	*3182.2*	3177.5
37.5°	2891.2	2891.2	2863.0	2853.6	2703.4	2393.7	2224.7	2290.4	2956.9	*3412.1*	3402.8
40°	3008.5	2999.1	3008.5	2999.1	2900.6	2590.8	2356.1	2464.1	3172.8	*3726.6*	3693.8
42.5°	3139.9	3130.5	3149.3	3130.5	3036.7	2844.2	2511.0	2642.4	3440.3	*4069.2*	4041.1
45°	3243.2	3243.2	3266.6	3276.0	3191.6	3027.3	2661.2	2839.5	3726.6	*4468.2*	4449.4
47.5°	3294.8	3304.2	3365.2	3384.0	3332.4	3149.3	2792.6	3032.0	3998.8	*4848.3*	4853.0
50°	3304.2	3313.6	3398.1	3473.2	3463.8	3210.3	2919.3	3262.0	4308.6	*5261.4*	5252.0
52.5°	3257.3	3266.6	3384.0	3538.9	3543.6	3285.4	3064.8	3501.3	4632.4	*5604.0*	5646.2
55°	3219.7	3247.9	3369.9	3595.2	3656.2	3398.1	3262.0	3782.9	4961.0	*5974.8*	6017.0
57.5°	2816.1	2825.5	3050.7	3421.5	3806.4	3707.8	3548.3	4102.1	5350.5	*6345.6*	6383.1
60°	1619.2	1736.6	2130.8	2783.2	3543.6	4092.7	4116.2	4571.4	5810.5	*6739.8*	6782.0
62.5°	858.9	873.0	943.4	1361.1	2604.9	3919.0	4867.1	5406.9	6439.4	*7171.6*	7162.2
65°	760.3	765.0	774.4	741.6	990.3	2806.7	4773.2	6350.3	7199.8	*7401.6*	7274.9
67.5°	694.6	699.3	713.4	647.7	553.8	1088.9	3435.6	6627.2	8560.9	*8054.0*	7730.1
70°	614.8	628.9	652.4	591.4	445.9	445.9	1623.9	5749.5	10076.9	*9494.9*	8786.2
72.5°	492.8	506.9	563.2	535.1	370.8	328.5	539.7	3834.6	10250.5	*10870.1*	9799.9
75°	*319.2*	*323.8*	*370.8*	*422.4*	*300.4*	*253.4*	*305.1*	*1764.7*	*9189.8*	*11517.8*	*10513.4*
77.5°	248.8	248.8	272.2	314.5	211.2	192.4	225.3	628.9	6683.5	*8617.2*	7828.7
80°	173.7	173.7	192.4	225.3	154.9	131.4	154.9	337.9	2562.6	*3351.1*	2938.1
82.5°	84.5	89.2	112.6	126.7	93.9	84.5	89.2	187.7	675.9	*657.1*	558.5
85°	32.9	37.5	46.9	56.3	46.9	42.2	51.6	84.5	140.8	*136.1*	122.0
87.5°	4.7	4.7	4.7	9.4	9.4	9.4	18.8	23.5	32.9	*32.9*	32.9
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-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7	2224.7
2.5°	2210.6	2229.4	2243.5	2220.0	2238.8	2220.0	2220.0	2220.0	2201.2	2201.2	2210.6
5°	2215.3	2243.5	2229.4	2201.2	2182.5	2144.9	2126.1	2102.7	2079.2	2079.2	2069.8
7.5°	2229.4	2238.8	2215.3	2154.3	2107.4	2037.0	1980.6	1910.2	1858.6	1816.4	1811.7
10°	2257.6	2262.2	2205.9	2121.4	2004.1	1844.5	1642.7	1530.1	1417.4	1361.1	1347.0
12.5°	2299.8	2285.7	2201.2	2074.5	1811.7	1539.5	1248.5	1088.9	1009.1	976.2	971.5
15°	2337.3	2304.5	2182.5	1961.9	1562.9	1154.6	990.3	901.1	873.0	863.6	863.6
17.5°	2384.3	2342.0	2177.8	1731.9	1201.5	971.5	882.4	854.2	840.1	840.1	830.7
20°	2440.6	2370.2	2135.5	1492.5	999.7	873.0	844.8	835.4	830.7	826.0	821.4
22.5°	2492.2	2403.1	1975.9	1149.9	873.0	821.4	816.7	797.9	788.5	779.1	774.4
25°	2553.2	2445.3	1788.2	948.1	793.2	779.1	755.6	736.9	727.5	718.1	713.4
27.5°	2628.3	2478.1	1530.1	807.3	741.6	736.9	713.4	699.3	699.3	689.9	689.9
30°	2708.1	2487.5	1229.7	722.8	718.1	708.7	704.0	704.0	704.0	704.0	704.0
32.5°	2830.2	2450.0	980.9	685.2	694.6	689.9	699.3	699.3	708.7	727.5	732.2
35°	2961.6	2412.4	826.0	647.7	652.4	657.1	661.8	657.1	661.8	680.6	689.9
37.5°	3097.7	2356.1	722.8	619.5	610.1	619.5	619.5	614.8	605.5	600.8	600.8
40°	3262.0	2328.0	675.9	614.8	600.8	614.8	605.5	591.4	558.5	530.4	525.7
42.5°	3487.2	2360.8	661.8	605.5	610.1	619.5	605.5	553.8	502.2	474.0	474.0
45°	3754.8	2464.1	652.4	605.5	619.5	624.2	577.3	516.3	488.1	455.3	455.3
47.5°	4050.5	2600.2	666.5	605.5	614.8	619.5	535.1	506.9	474.0	436.5	431.8
50°	4364.9	2764.4	680.6	591.4	596.1	567.9	525.7	492.8	460.0	427.1	417.7
52.5°	4693.5	2942.8	689.9	567.9	558.5	525.7	516.3	488.1	455.3	413.0	408.3
55°	5026.7	3111.8	694.6	535.1	530.4	488.1	502.2	488.1	436.5	384.9	370.8
57.5°	5313.0	3257.3	689.9	497.5	502.2	455.3	488.1	478.7	413.0	356.7	352.0
60°	5594.6	3407.5	666.5	464.7	469.3	427.1	469.3	455.3	389.6	337.9	328.5
62.5°	5768.3	3449.7	596.1	431.8	431.8	413.0	445.9	413.0	361.4	309.8	305.1
65°	5683.8	3280.7	516.3	394.3	394.3	384.9	403.6	366.1	323.8	281.6	276.9
67.5°	5890.3	3379.3	441.2	361.4	356.7	342.6	347.3	314.5	286.3	253.4	253.4
70°	6247.0	3374.6	342.6	323.8	309.8	295.7	291.0	272.2	253.4	230.0	225.3
72.5°	6505.1	3266.6	291.0	276.9	262.8	239.4	244.1	230.0	215.9	201.8	197.1
75°	*6495.7*	*2797.3*	*239.4*	*225.3*	*211.2*	*197.1*	*197.1*	*192.4*	*178.4*	*183.0*	*169.0*
77.5°	4491.6	1562.9	187.7	173.7	169.0	154.9	154.9	154.9	140.8	145.5	126.7
80°	1619.2	572.6	140.8	126.7	122.0	107.9	112.6	112.6	107.9	103.3	98.6
82.5°	276.9	173.7	93.9	84.5	75.1	65.7	70.4	75.1	79.8	122.0	122.0
85°	79.8	65.7	51.6	46.9	37.5	28.2	28.2	37.5	61.0	46.9	46.9
87.5°	32.9	28.2	23.5	14.1	9.4	4.7	4.7	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

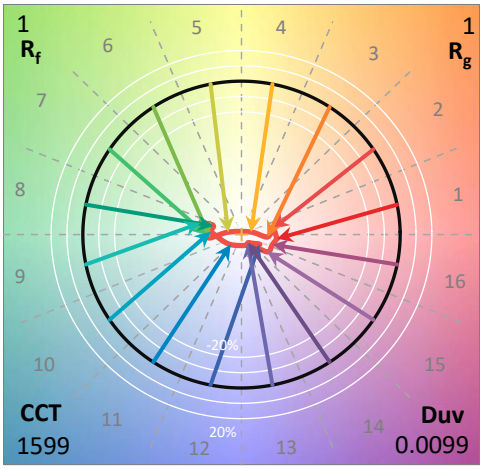
Test Information

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

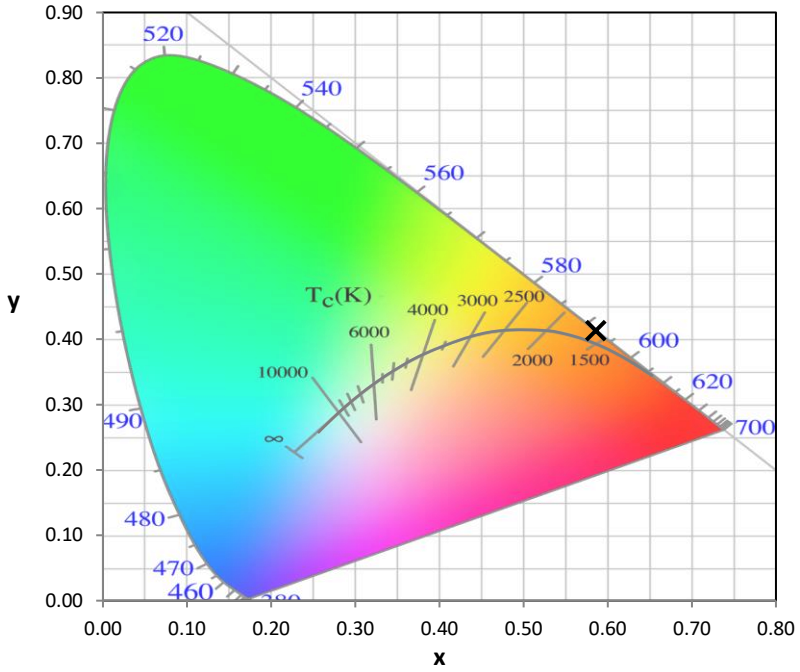
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

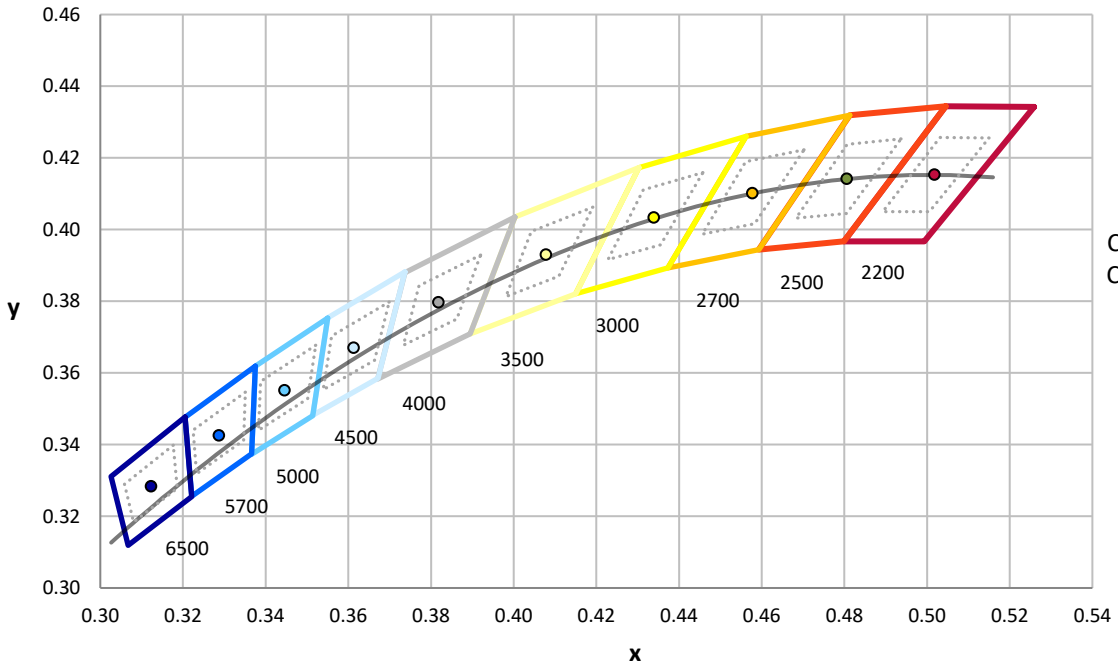
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

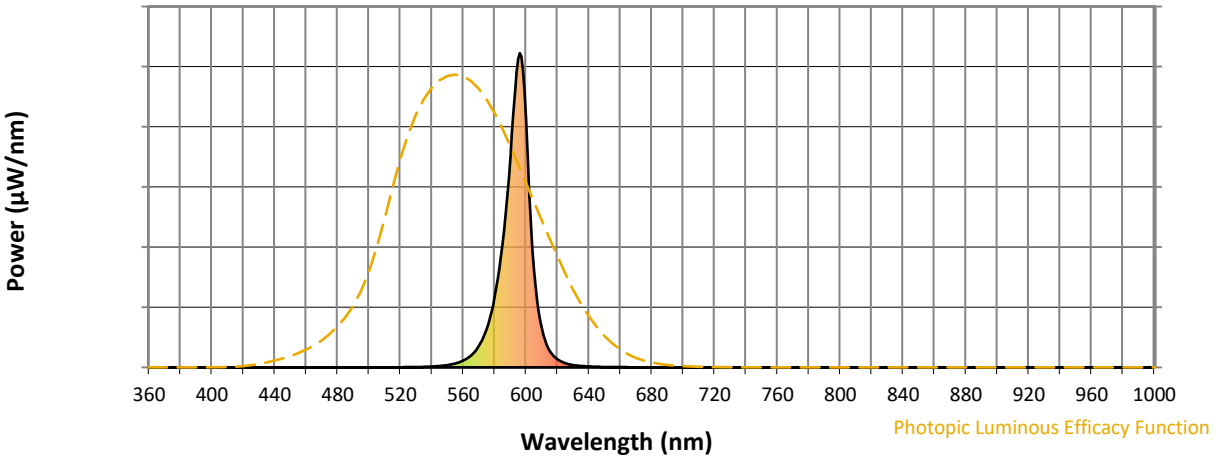


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

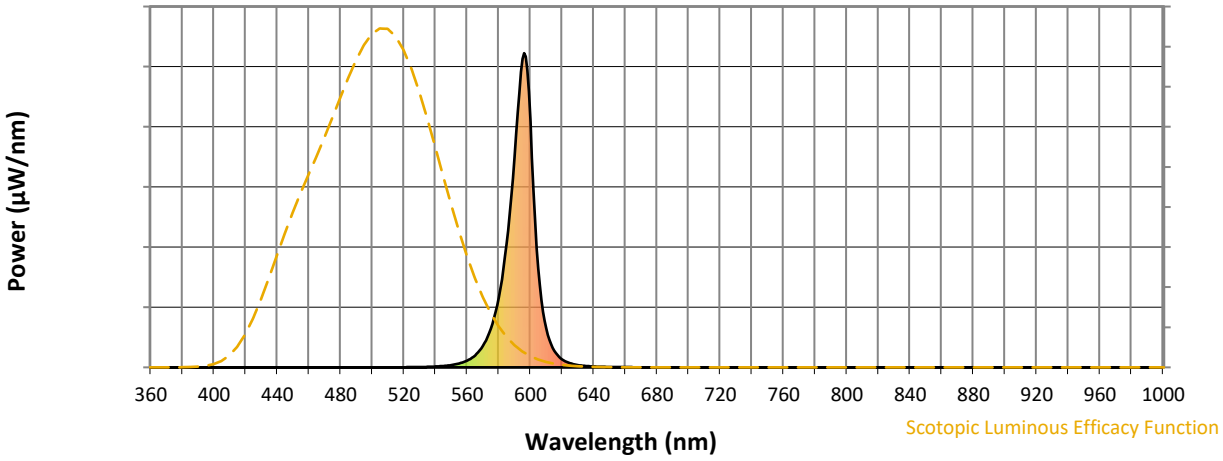


Photopic Lumens: NR

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

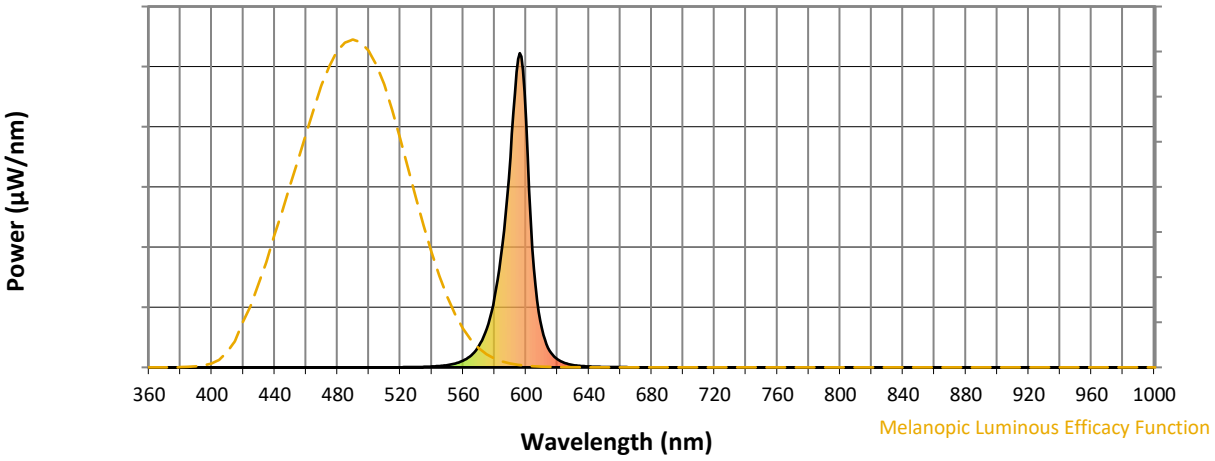


Scotopic Lumens: NR **S/P: 0.23**

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			

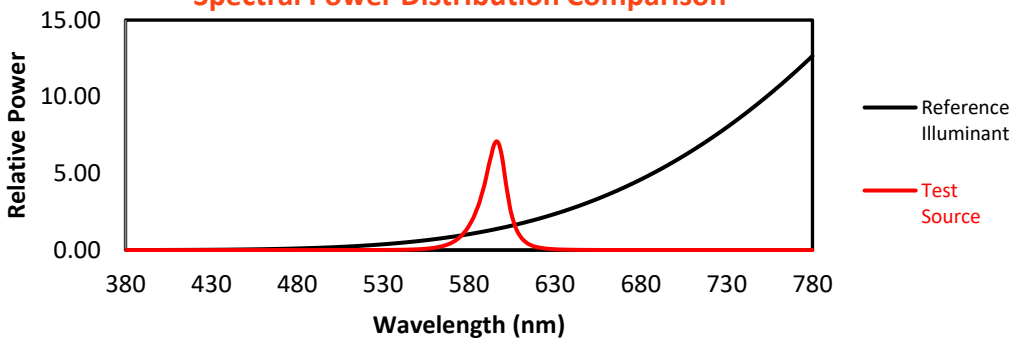
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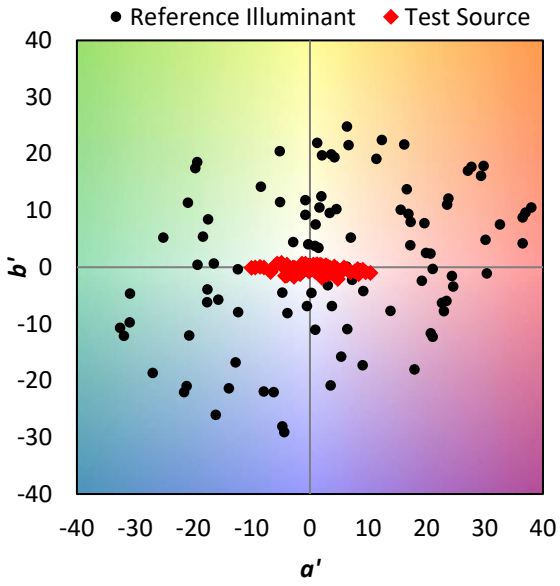
Summary

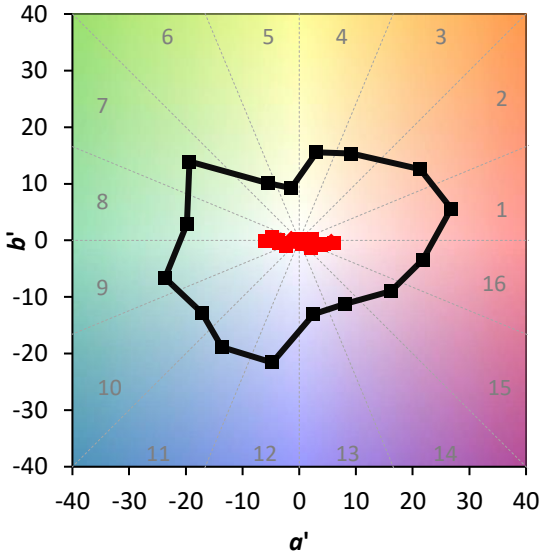
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

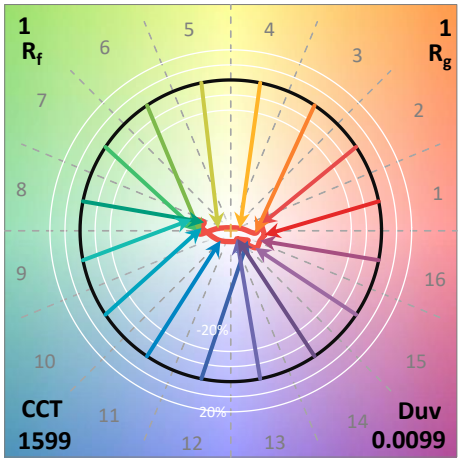
Spectral Power Distribution Comparison

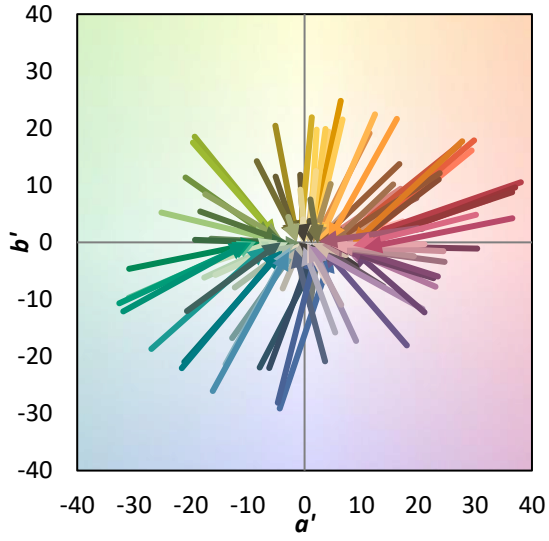


Color Vector Graphics







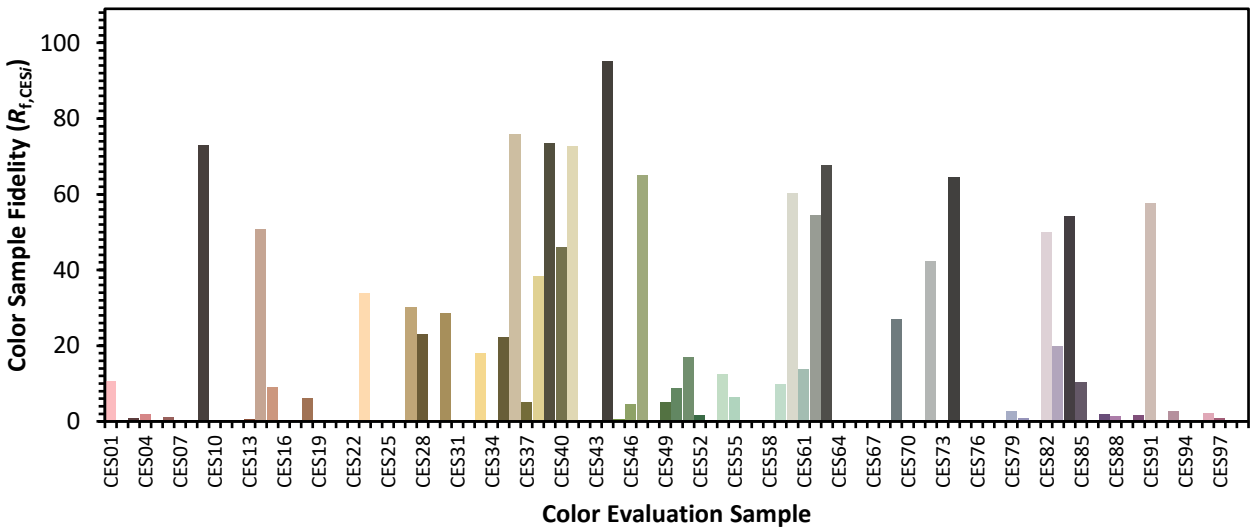


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Individual Sample Fidelity Index ($R_{f,i}$)

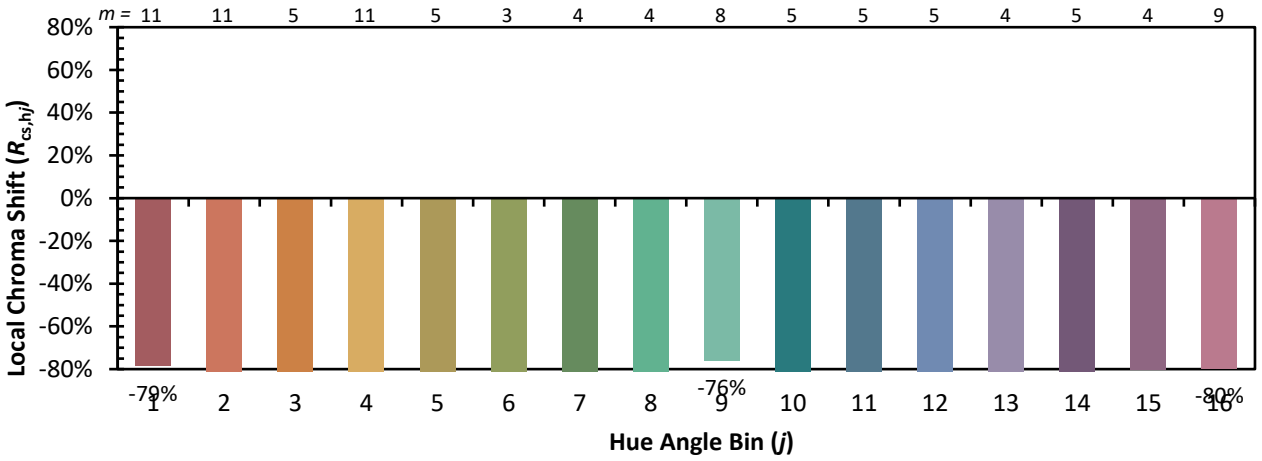
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

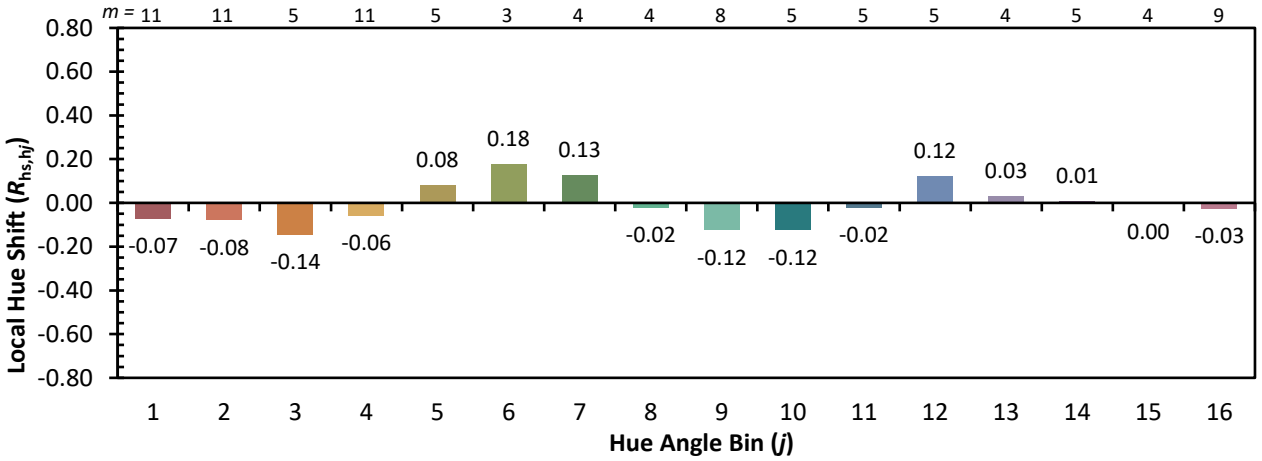


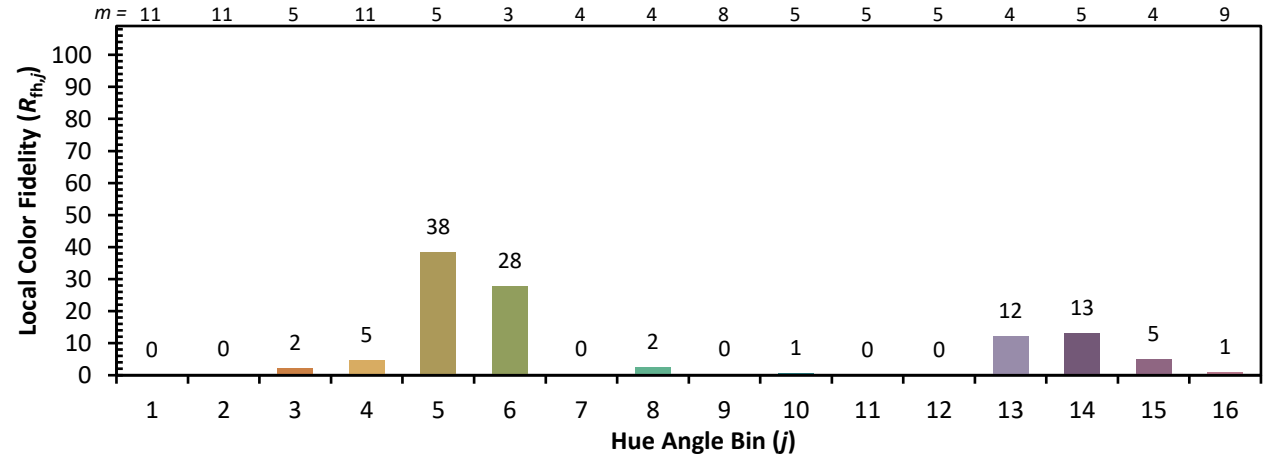
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Color Rendition by Hue-Angle Bin



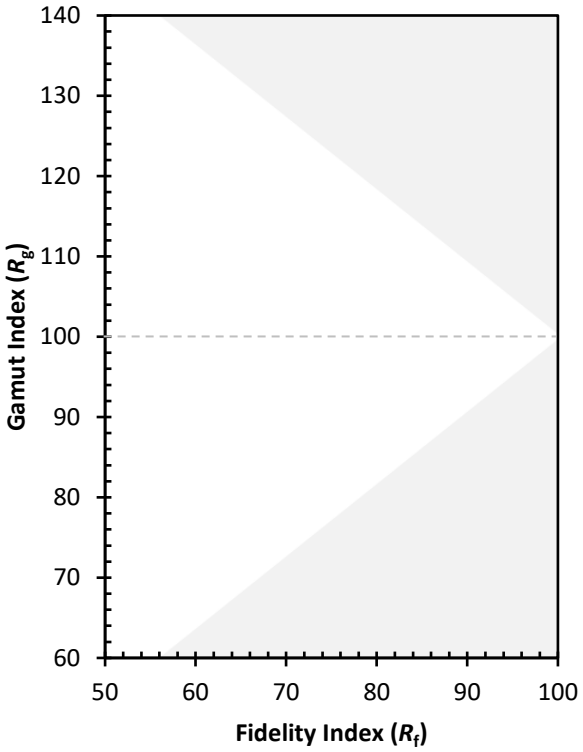


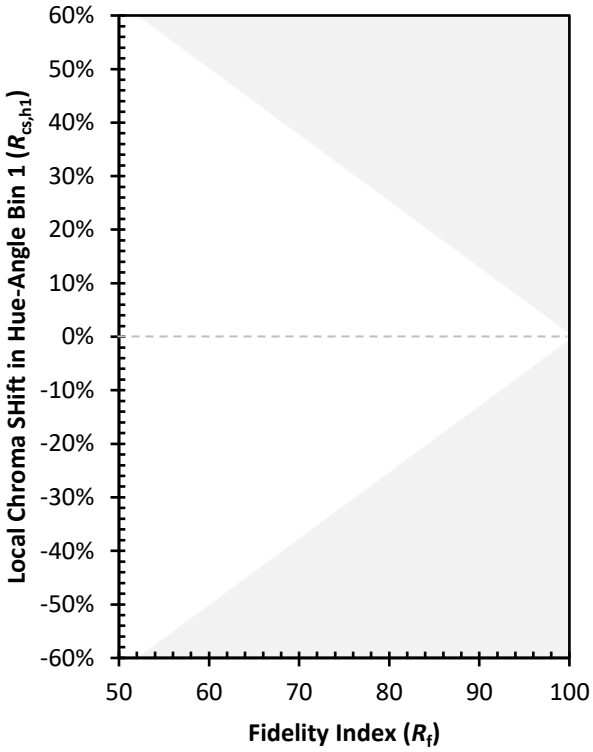


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Measure Comparisons





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