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-T2R

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-T2R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T2 ROADWAY DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4253.7 lumens
Efficiency:	N/A
Efficacy:	62.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
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

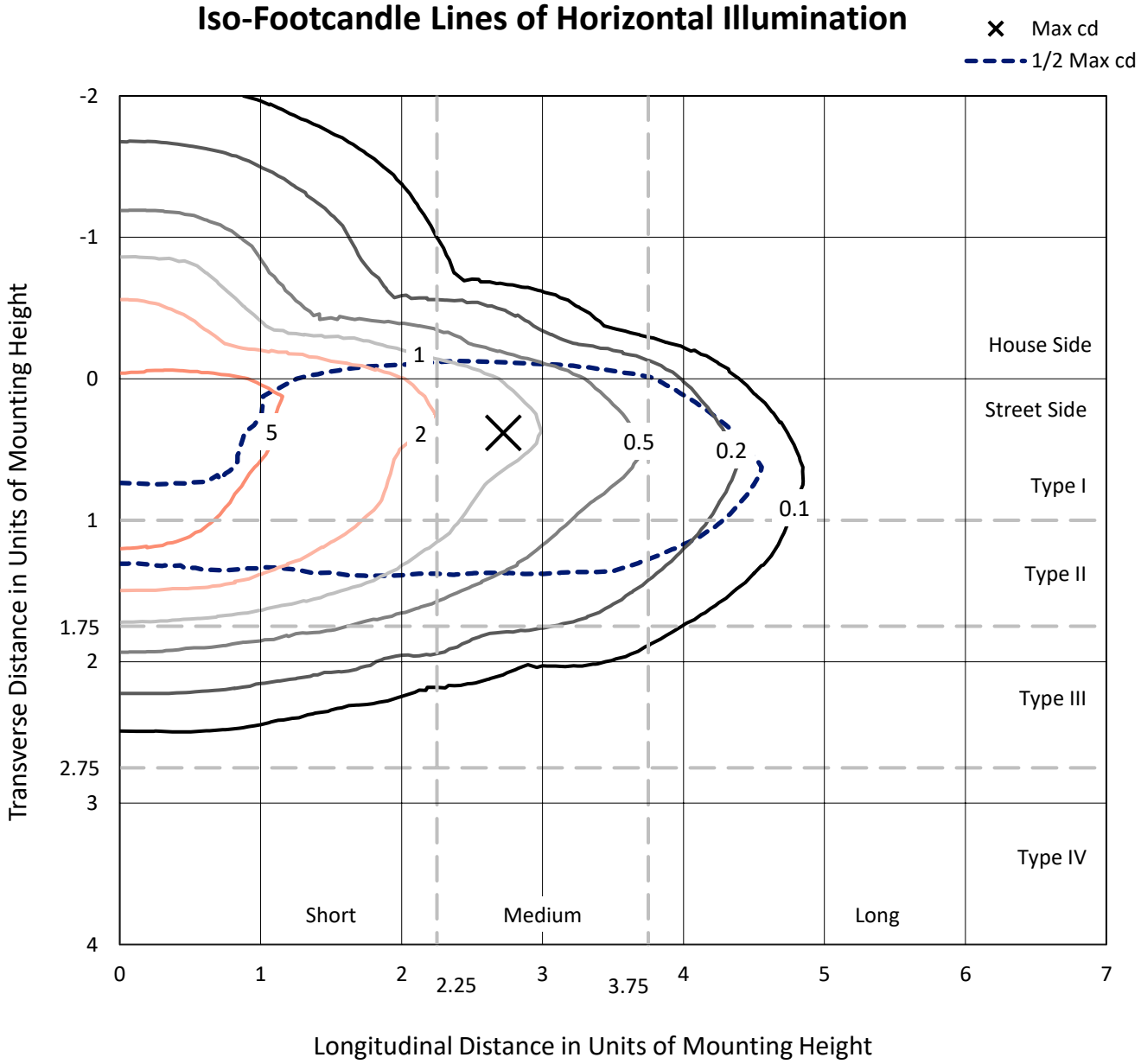


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REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



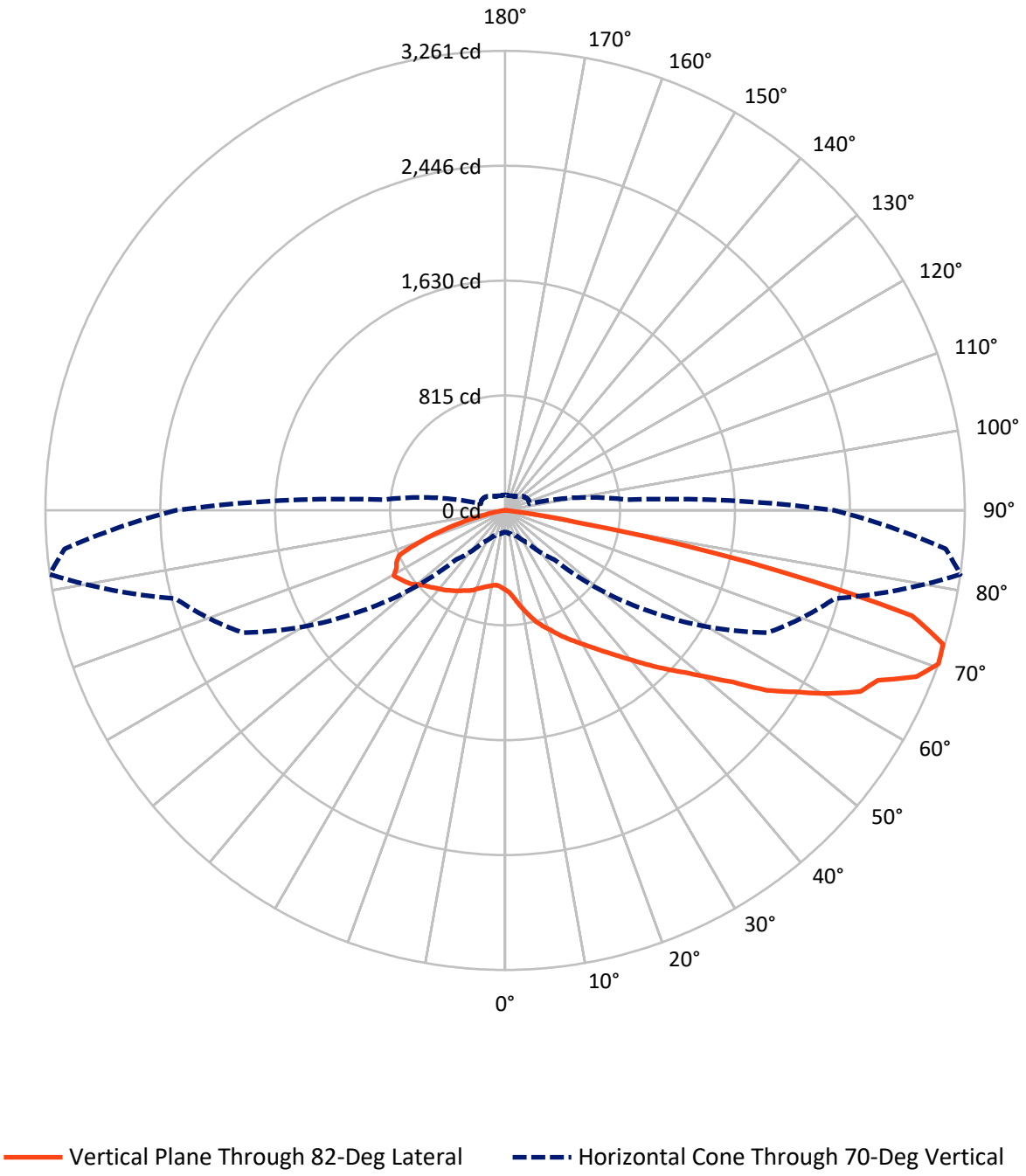
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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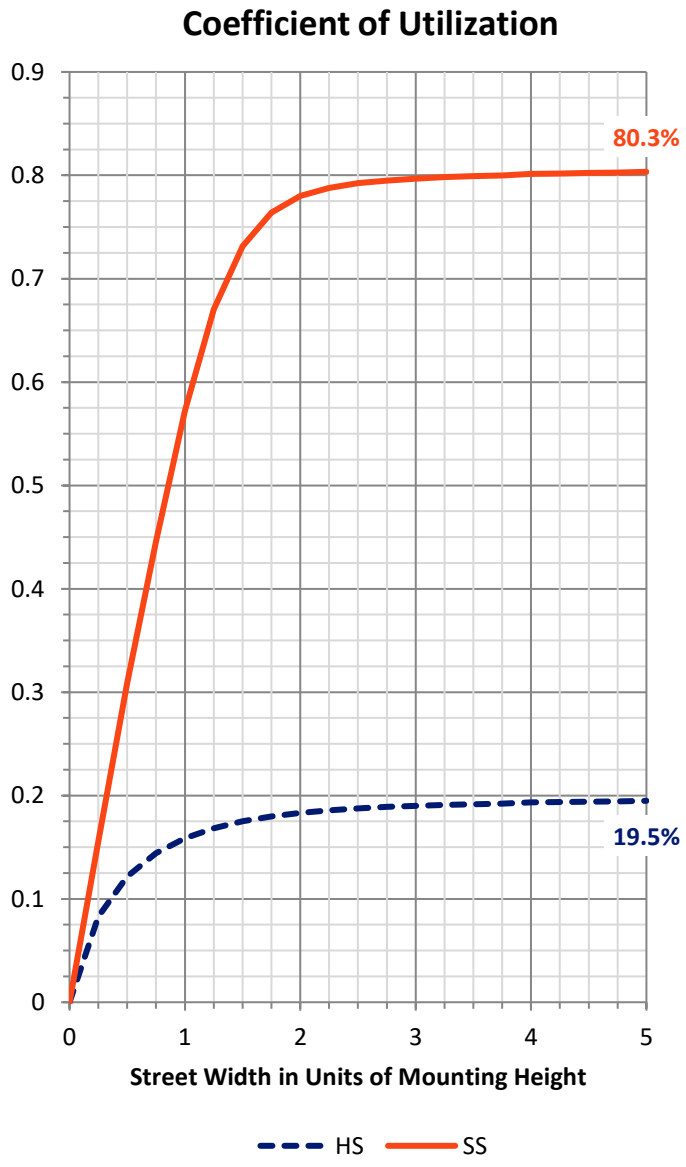
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	835.4	0.0	835.4
	% Fixture	19.6	0.0	19.6
Street Side	Lumens	3418.4	0.0	3418.4
	% Fixture	80.4	0.0	80.4
Total	Lumens	4253.7	0.0	4253.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	1.3
10°-20°	192.7	4.5
20°-30°	335.3	7.9
30°-40°	539.4	12.7
40°-50°	813.0	19.1
50°-60°	961.4	22.6
60°-70°	851.9	20.0
70°-80°	467.3	11.0
80°-90°	35.3	0.8
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°	4253.7	100.0
0°-180°	4253.7	100.0



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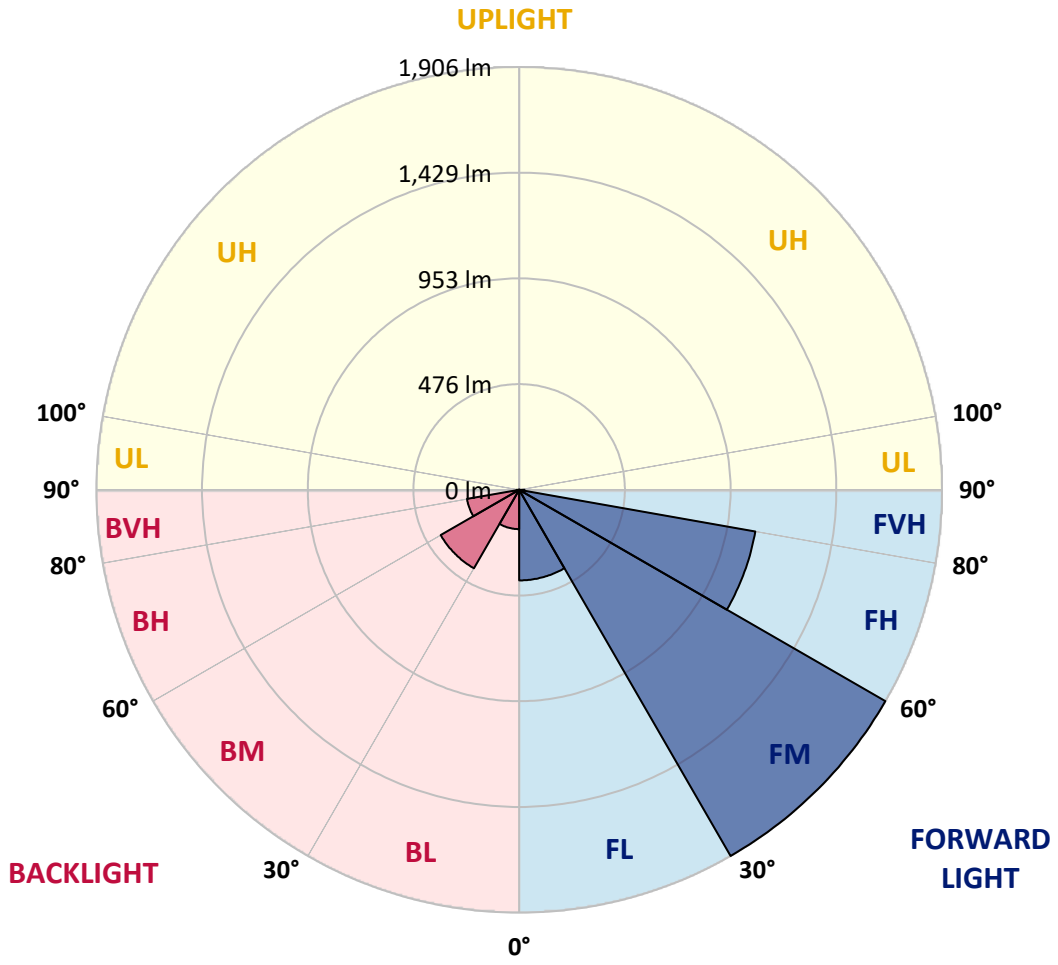
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	408.1	9.6			
FM	(30°-60°)	1905.6	44.8			
FH	(60°-80°)	1080.7	25.4			G1/1800
FVH	(80°-90°)	24.0	0.6			G1/100
BL	(0°-30°)	177.2	4.2	B1/500		
BM	(30°-60°)	408.3	9.6	B1/1000		
BH	(60°-80°)	238.6	5.6	B1/500		G1/500
BVH	(80°-90°)	11.3	0.3			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 Medium



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REPORT NUMBER: P1704729
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7	*564.7*	564.7
2.5°	684.5	686.5	680.5	676.5	666.5	648.6	640.6	618.6	598.7	*582.7*	576.7
5°	810.2	800.2	794.2	786.3	776.3	756.3	728.4	692.5	656.5	*618.6*	604.7
7.5°	882.0	880.1	884.0	876.1	866.1	842.1	812.2	770.3	712.4	*664.5*	638.6
10°	916.0	916.0	925.9	929.9	931.9	922.0	892.0	848.1	778.3	*714.4*	678.5
12.5°	906.0	902.0	922.0	941.9	967.9	977.8	971.8	925.9	838.1	*764.3*	728.4
15°	862.1	864.1	886.0	924.0	971.8	1011.8	1029.7	993.8	902.0	*818.2*	772.3
17.5°	842.1	838.1	860.1	900.0	959.9	1021.7	1065.6	1055.7	961.9	*862.1*	812.2
20°	854.1	854.1	864.1	898.0	953.9	1023.7	1087.6	1099.6	1011.8	*902.0*	854.1
22.5°	888.0	886.0	894.0	912.0	959.9	1035.7	1109.5	1143.5	1063.6	*951.9*	894.0
25°	951.9	947.9	943.9	945.9	985.8	1061.6	1137.5	1181.4	1115.5	*1001.8*	941.9
27.5°	1023.7	1013.8	999.8	995.8	1019.7	1095.6	1175.4	1217.3	1159.4	*1051.7*	991.8
30°	1111.5	1101.6	1073.6	1055.7	1069.6	1133.5	1233.3	1265.2	1217.3	*1105.6*	1039.7
32.5°	1259.2	1235.3	1179.4	1137.5	1129.5	1181.4	1283.2	1321.1	1271.2	*1165.4*	1109.5
35°	1498.7	1480.7	1398.9	1271.2	1199.3	1227.3	1347.0	1384.9	1327.1	*1235.3*	1181.4
37.5°	1730.2	1720.2	1628.4	1460.8	1319.1	1283.2	1396.9	1446.8	1373.0	*1311.1*	1263.2
40°	1919.7	1899.8	1814.0	1678.3	1498.7	1367.0	1462.8	1522.6	1440.8	*1400.9*	1351.0
42.5°	2037.5	2025.5	1945.7	1833.9	1660.3	1492.7	1524.6	1594.5	1500.7	*1500.7*	1454.8
45°	2093.4	2071.4	2017.5	1927.7	1792.0	1626.4	1594.5	1676.3	1584.5	*1606.4*	1560.5
47.5°	2065.4	2057.4	2027.5	1979.6	1867.9	1736.2	1684.3	1758.1	1670.3	*1718.2*	1688.3
50°	1969.6	1967.6	1977.6	1981.6	1899.8	1816.0	1790.0	1843.9	1754.1	*1857.9*	1829.9
52.5°	1650.3	1650.3	1853.9	1933.7	1913.8	1859.9	1885.8	1941.7	1855.9	*2023.5*	1999.6
55°	1269.2	1281.2	1442.8	1790.0	1883.8	1879.8	1953.7	2069.4	2005.6	*2253.0*	2209.1
57.5°	1065.6	1071.6	1139.5	1470.7	1770.1	1875.8	2011.5	2167.2	2089.4	*2428.6*	2412.7
60°	754.3	754.3	846.1	1107.5	1472.7	1826.0	2067.4	2294.9	2201.1	*2638.2*	2620.2
62.5°	514.9	518.9	578.7	760.3	1141.5	1662.3	2065.4	2398.7	2294.9	*2829.7*	2797.8
65°	323.3	331.3	381.2	494.9	738.4	1321.1	1995.6	2334.8	2286.9	*2905.6*	2877.6
67.5°	205.5	207.5	243.5	311.3	467.0	925.9	1642.4	2205.1	2372.7	*3147.0*	3123.1
70°	*153.7*	*157.7*	*175.6*	*201.6*	*281.4*	*494.9*	*1245.2*	*2053.5*	*2418.6*	*3260.8*	*3137.1*
72.5°	115.7	119.7	133.7	149.7	179.6	299.3	666.5	1704.2	2384.7	*3248.8*	3037.3
75°	93.8	97.8	109.8	117.7	117.7	185.6	387.1	1317.1	2201.1	*2981.4*	2648.1
77.5°	71.8	77.8	89.8	93.8	91.8	133.7	215.5	680.5	1420.9	*1756.1*	1448.8
80°	49.9	51.9	65.9	69.8	75.8	97.8	105.8	175.6	562.8	*514.9*	383.2
82.5°	22.0	25.9	43.9	43.9	53.9	43.9	55.9	79.8	163.6	*95.8*	59.9
85°	6.0	6.0	14.0	20.0	20.0	16.0	23.9	27.9	33.9	*22.0*	18.0
87.5°	2.0	2.0	2.0	2.0	2.0	4.0	4.0	6.0	8.0	*10.0*	8.0
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-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7	564.7
2.5°	564.7	556.8	536.8	510.9	496.9	478.9	467.0	447.0	451.0	449.0	441.0
5°	582.7	552.8	502.9	453.0	417.1	391.1	379.2	369.2	363.2	363.2	361.2
7.5°	598.7	556.8	480.9	419.1	385.1	369.2	361.2	363.2	365.2	363.2	365.2
10°	628.6	570.7	467.0	405.1	379.2	377.2	377.2	383.2	383.2	389.1	387.1
12.5°	660.5	586.7	463.0	405.1	391.1	393.1	397.1	401.1	405.1	407.1	403.1
15°	690.5	600.7	465.0	411.1	403.1	407.1	409.1	409.1	413.1	409.1	411.1
17.5°	720.4	620.6	469.0	419.1	411.1	411.1	405.1	401.1	397.1	393.1	391.1
20°	754.3	638.6	474.9	423.1	411.1	399.1	389.1	381.2	377.2	371.2	371.2
22.5°	788.3	666.5	480.9	419.1	395.1	383.2	369.2	359.2	349.2	343.2	339.2
25°	824.2	688.5	478.9	411.1	385.1	365.2	349.2	337.3	327.3	321.3	321.3
27.5°	868.1	708.4	473.0	397.1	373.2	355.2	337.3	325.3	313.3	307.3	305.3
30°	914.0	736.4	469.0	389.1	369.2	345.2	325.3	311.3	299.3	293.4	293.4
32.5°	965.9	762.3	463.0	385.1	357.2	333.3	315.3	301.3	293.4	287.4	287.4
35°	1023.7	790.2	453.0	377.2	347.2	321.3	309.3	293.4	287.4	283.4	281.4
37.5°	1091.6	822.2	441.0	365.2	329.3	313.3	295.3	281.4	269.4	261.4	261.4
40°	1157.4	852.1	423.1	349.2	319.3	297.3	283.4	267.4	251.4	235.5	233.5
42.5°	1245.2	884.0	405.1	327.3	303.3	277.4	275.4	253.4	227.5	215.5	213.5
45°	1329.1	922.0	389.1	311.3	279.4	259.4	271.4	245.5	219.5	207.5	207.5
47.5°	1414.9	959.9	365.2	295.3	245.5	245.5	253.4	233.5	215.5	199.6	199.6
50°	1536.6	1009.8	341.2	271.4	227.5	237.5	235.5	219.5	199.6	187.6	185.6
52.5°	1684.3	1075.6	315.3	243.5	215.5	231.5	219.5	205.5	185.6	175.6	171.6
55°	1847.9	1115.5	297.3	215.5	209.5	215.5	207.5	193.6	177.6	163.6	161.6
57.5°	2011.5	1151.4	283.4	203.5	207.5	201.6	193.6	179.6	163.6	153.7	149.7
60°	2179.2	1193.4	267.4	201.6	203.5	193.6	181.6	167.6	153.7	147.7	147.7
62.5°	2257.0	1141.5	243.5	197.6	201.6	183.6	167.6	155.7	143.7	141.7	141.7
65°	2322.9	1125.5	219.5	195.6	193.6	173.6	153.7	141.7	133.7	131.7	131.7
67.5°	2464.5	1077.6	199.6	187.6	181.6	161.6	137.7	129.7	119.7	119.7	119.7
70°	*2334.8*	*864.1*	*179.6*	*181.6*	*167.6*	*145.7*	*119.7*	*113.7*	*107.8*	*109.8*	*109.8*
72.5°	2155.2	628.6	149.7	163.6	153.7	115.7	105.8	99.8	95.8	99.8	97.8
75°	1706.2	413.1	109.8	135.7	117.7	103.8	89.8	85.8	81.8	83.8	81.8
77.5°	794.2	207.5	71.8	89.8	99.8	93.8	73.8	67.8	65.9	69.8	69.8
80°	261.4	109.8	45.9	45.9	61.9	75.8	55.9	49.9	61.9	71.8	55.9
82.5°	71.8	41.9	27.9	27.9	27.9	43.9	37.9	29.9	25.9	29.9	29.9
85°	20.0	16.0	14.0	12.0	10.0	16.0	16.0	10.0	10.0	10.0	10.0
87.5°	8.0	8.0	6.0	4.0	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

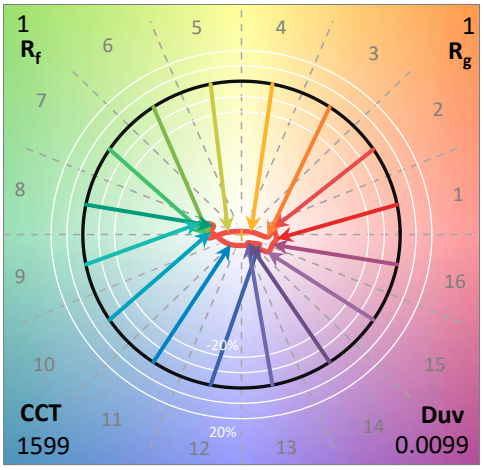
Test Information

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

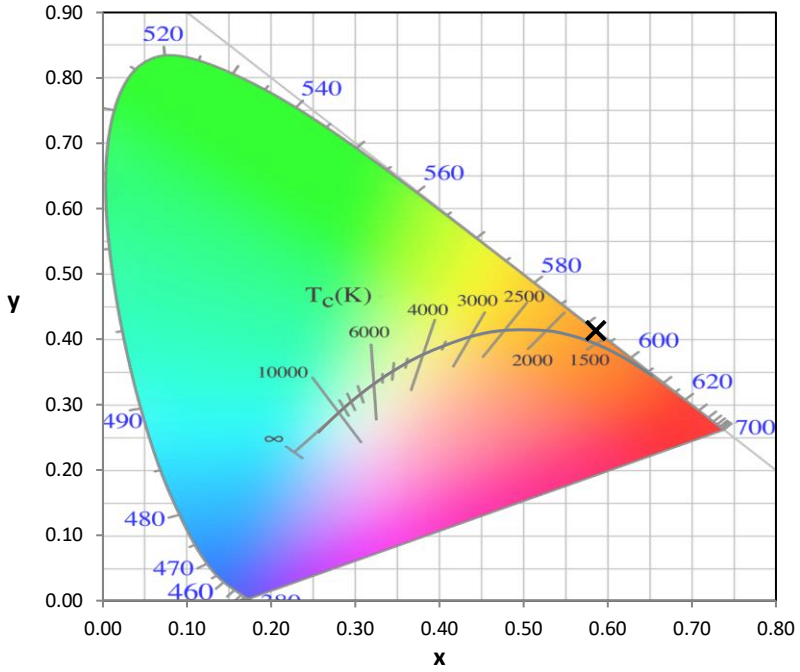
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

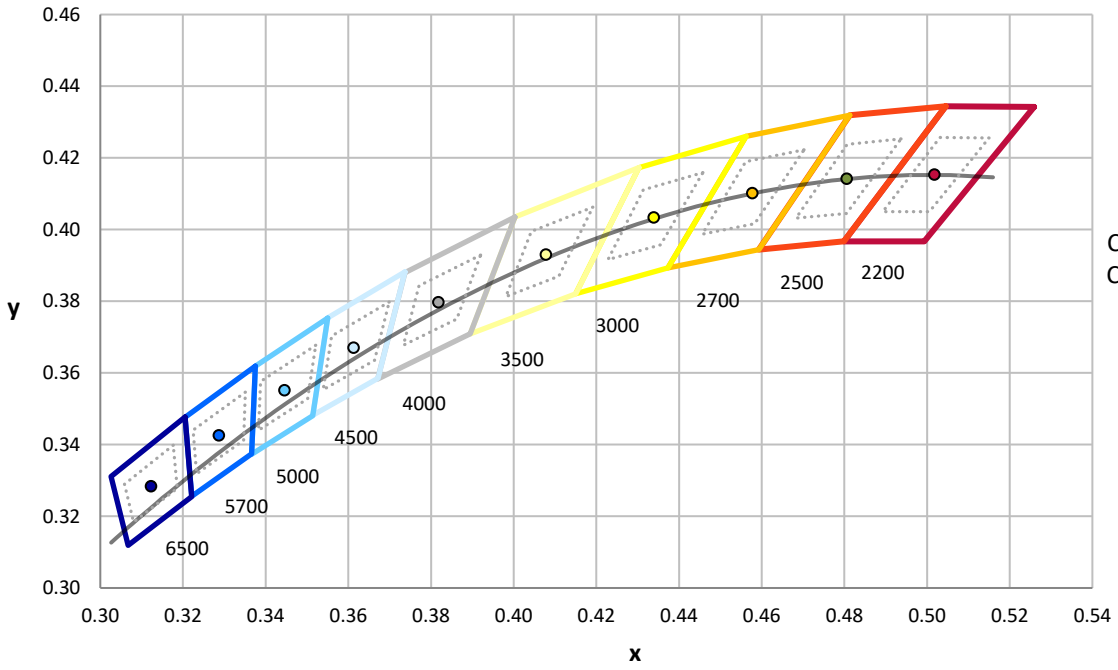
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

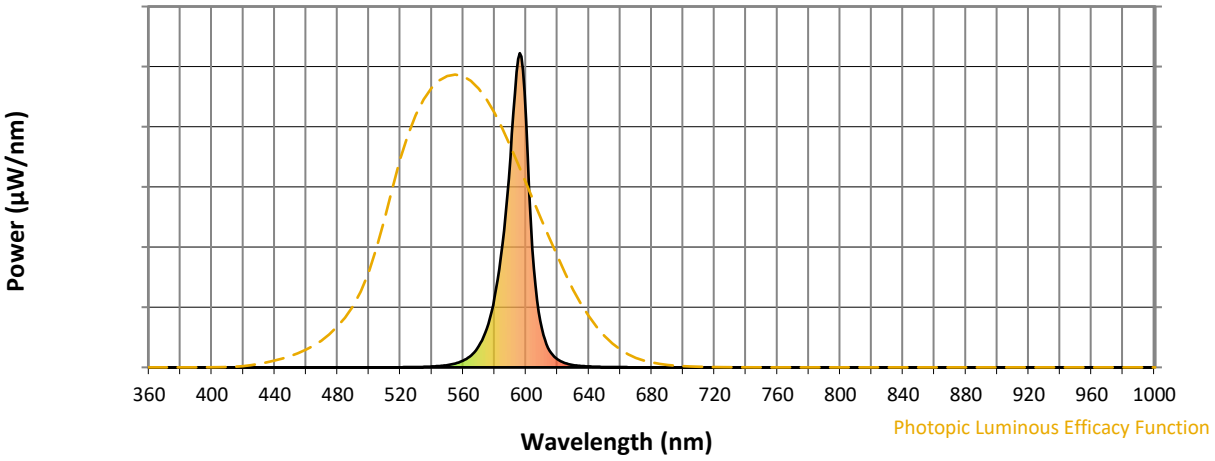


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

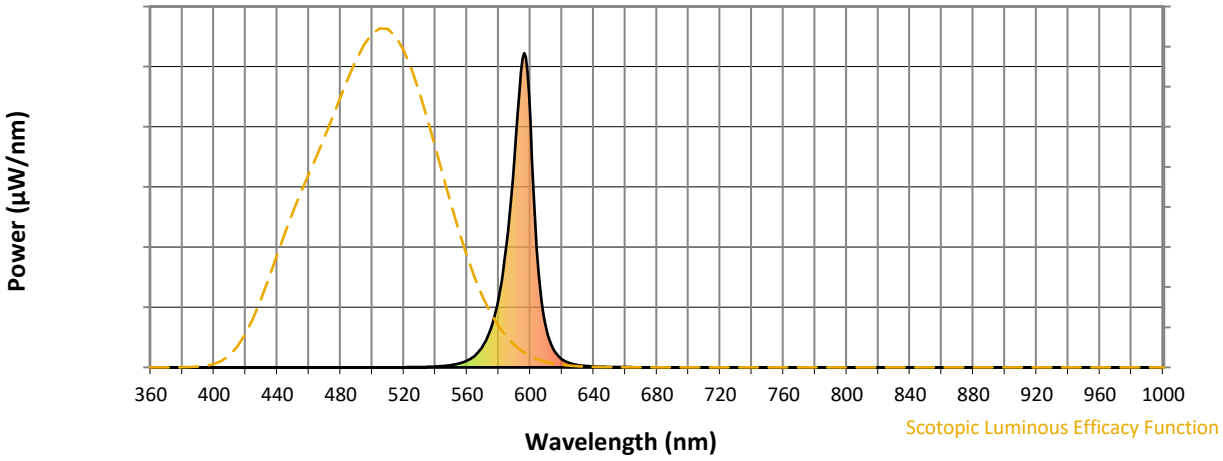


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

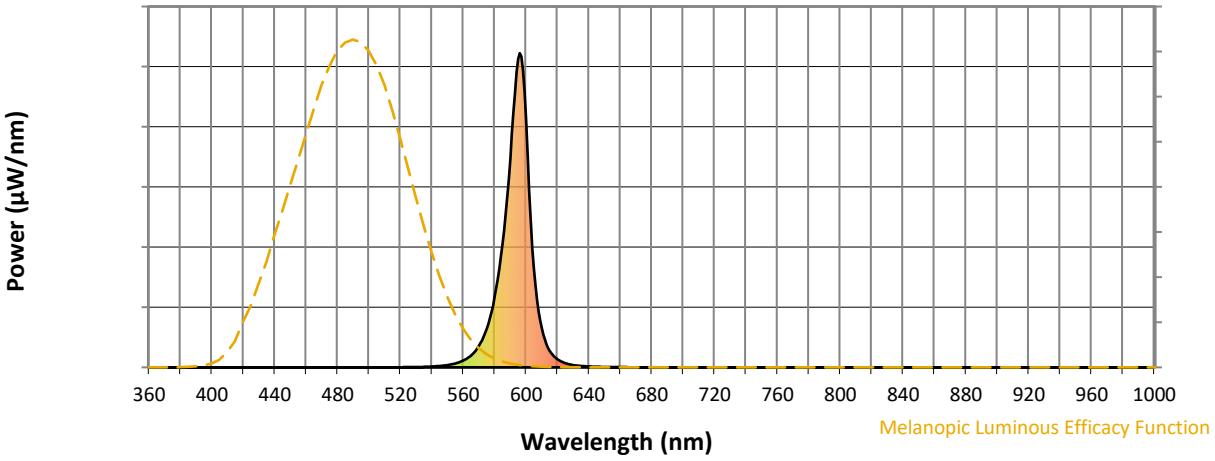


Scotopic Lumens: NR **S/P: 0.23**

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			

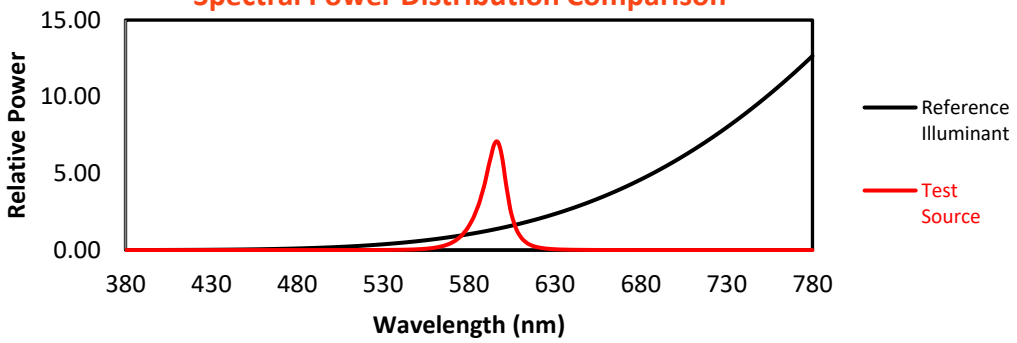
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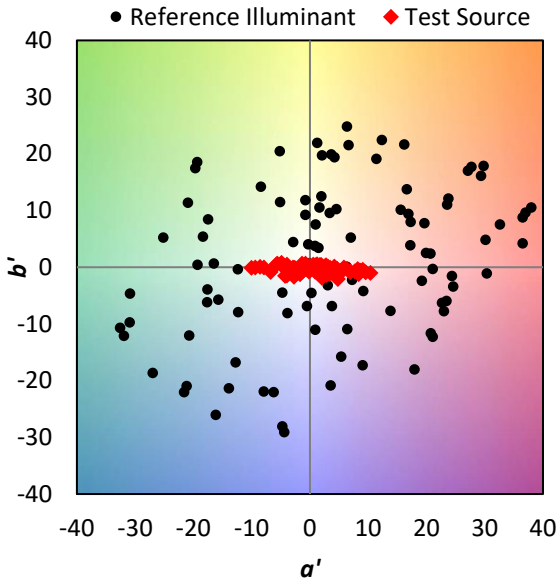
Summary

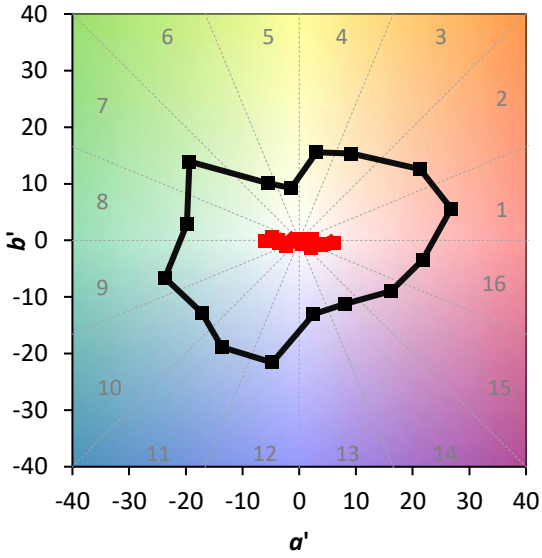
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

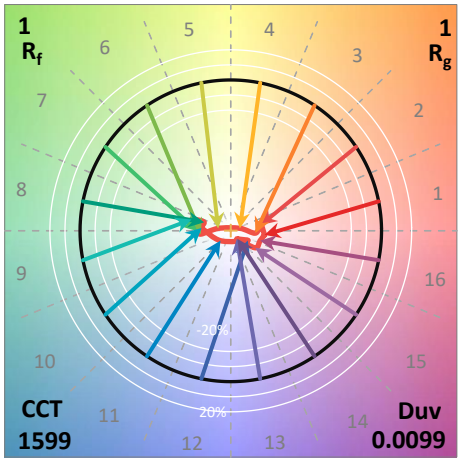
Spectral Power Distribution Comparison

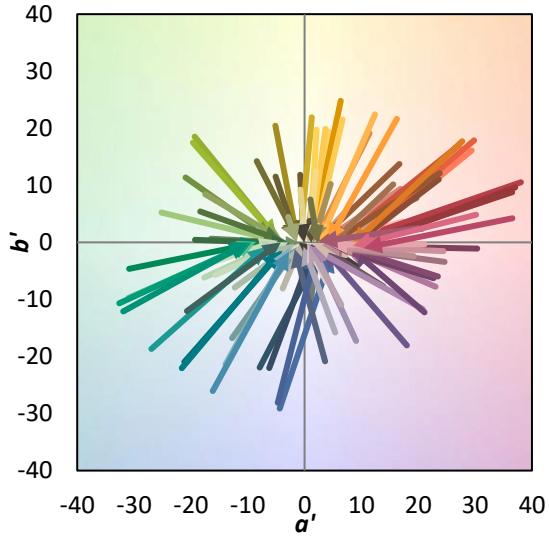


Color Vector Graphics







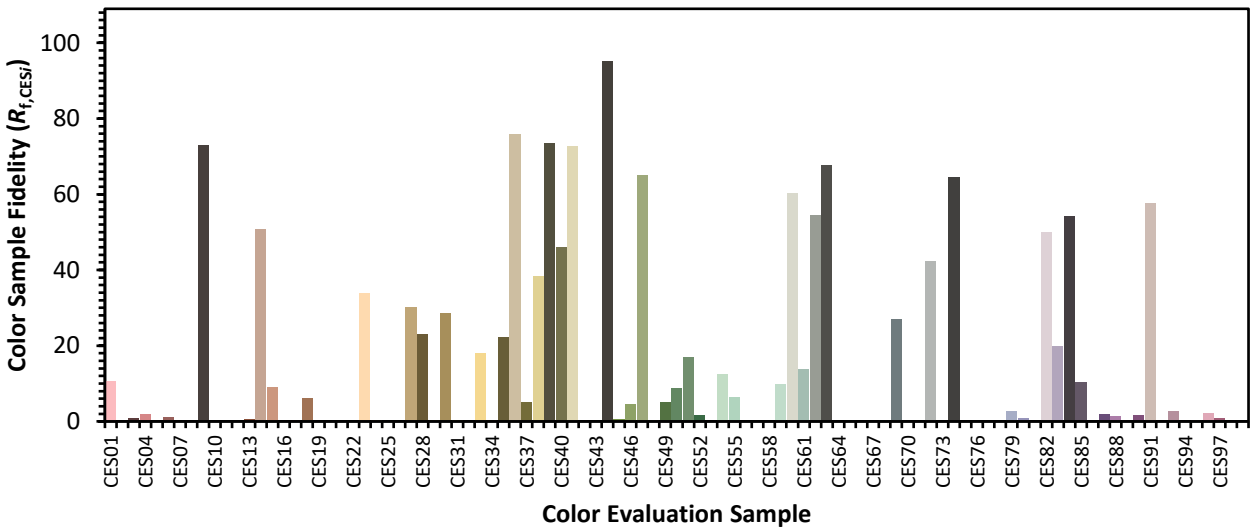


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Individual Sample Fidelity Index ($R_{f,i}$)

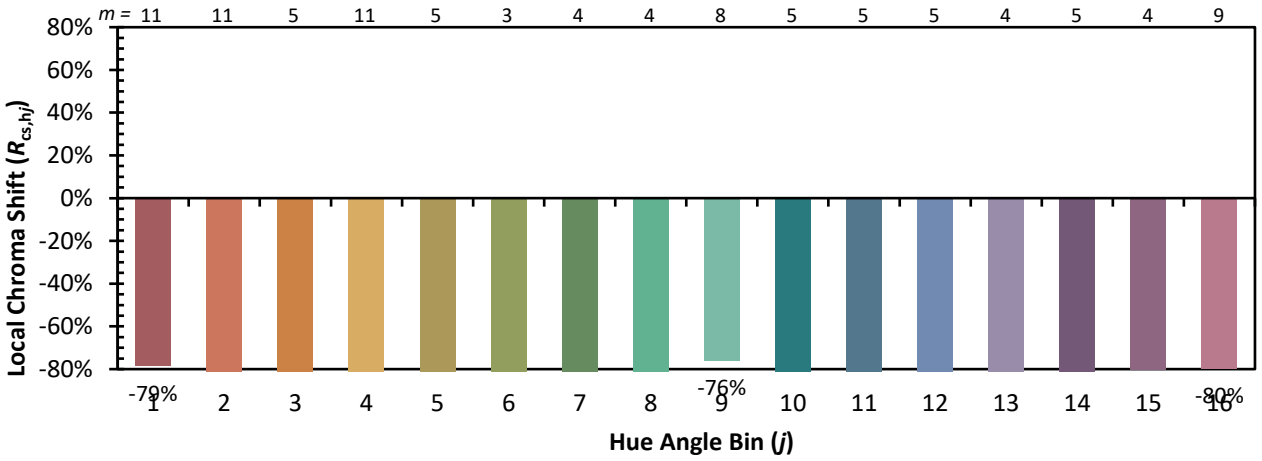
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

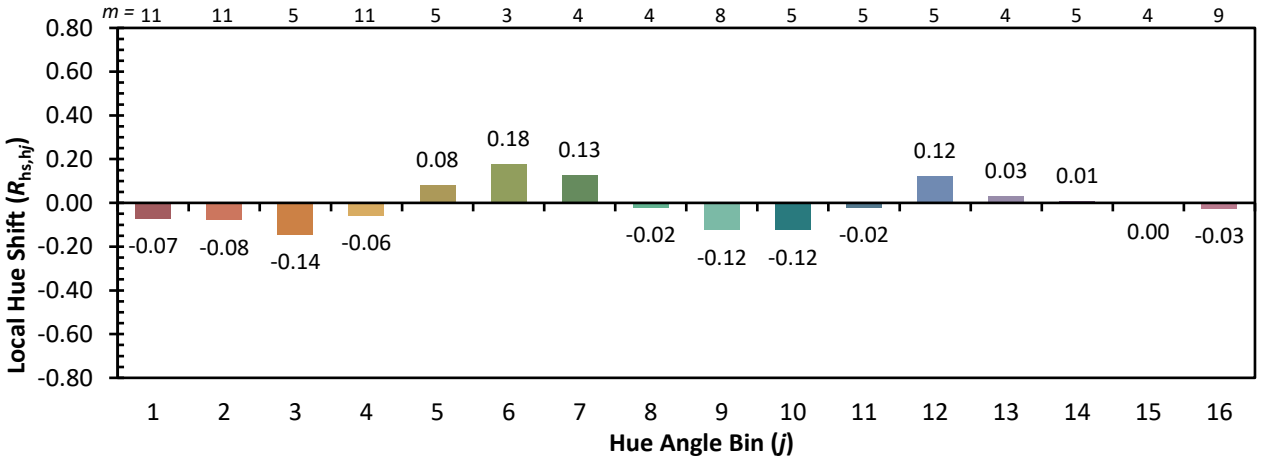


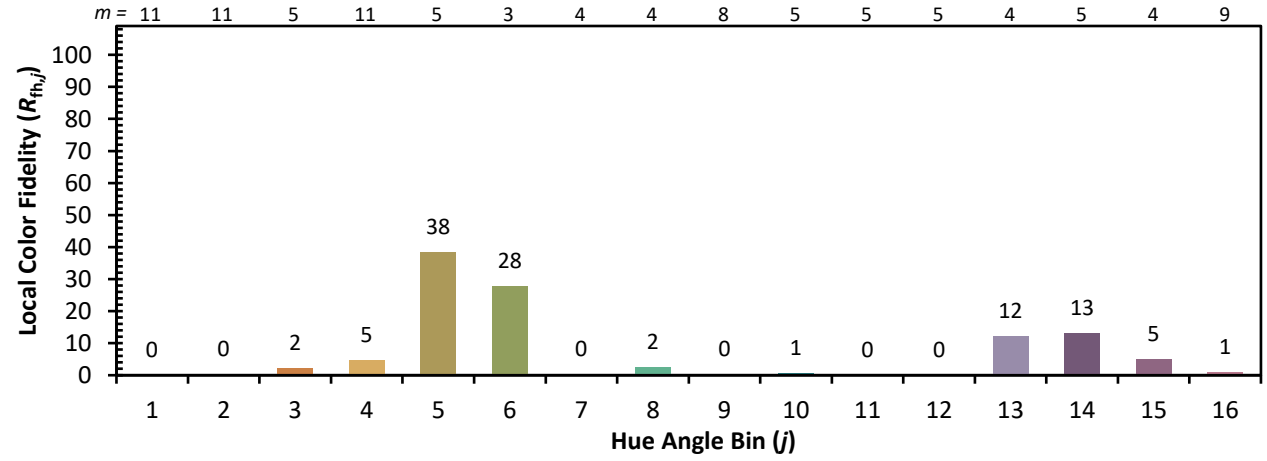
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Color Rendition by Hue-Angle Bin



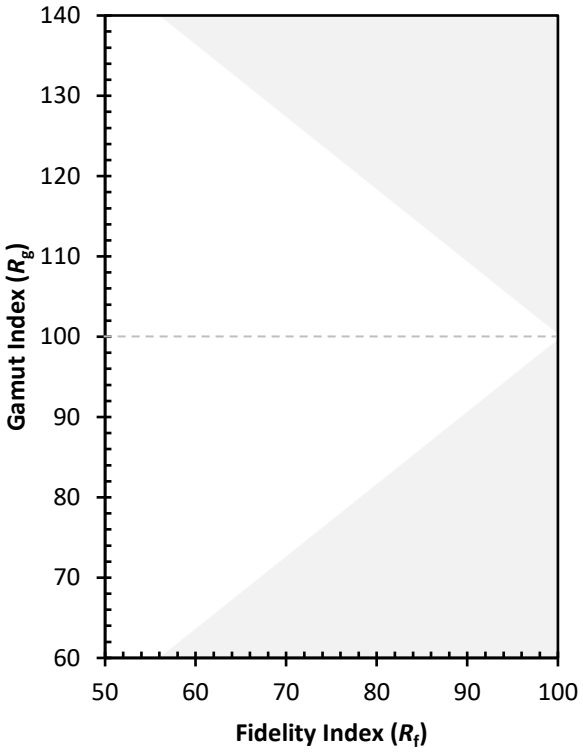


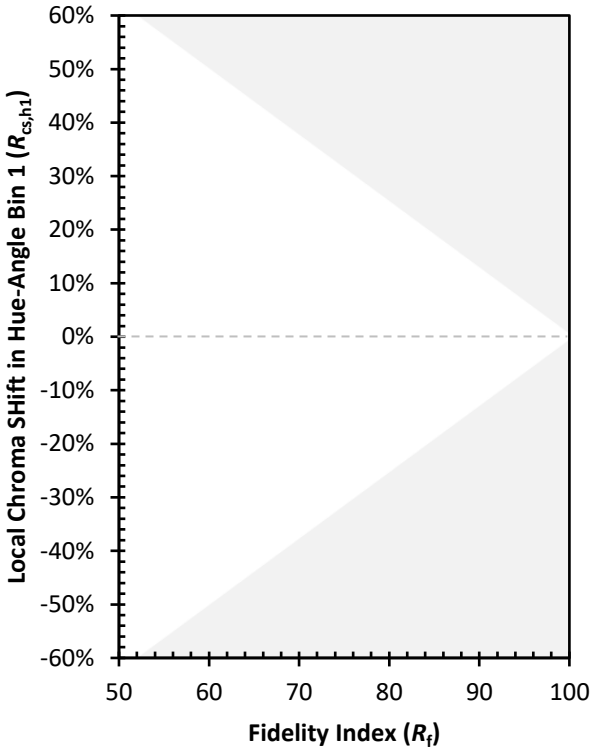


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Measure Comparisons





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