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-T3LG-HSS

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-T3LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8125.4 lumens
Efficiency:	N/A
Efficacy:	50.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - 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

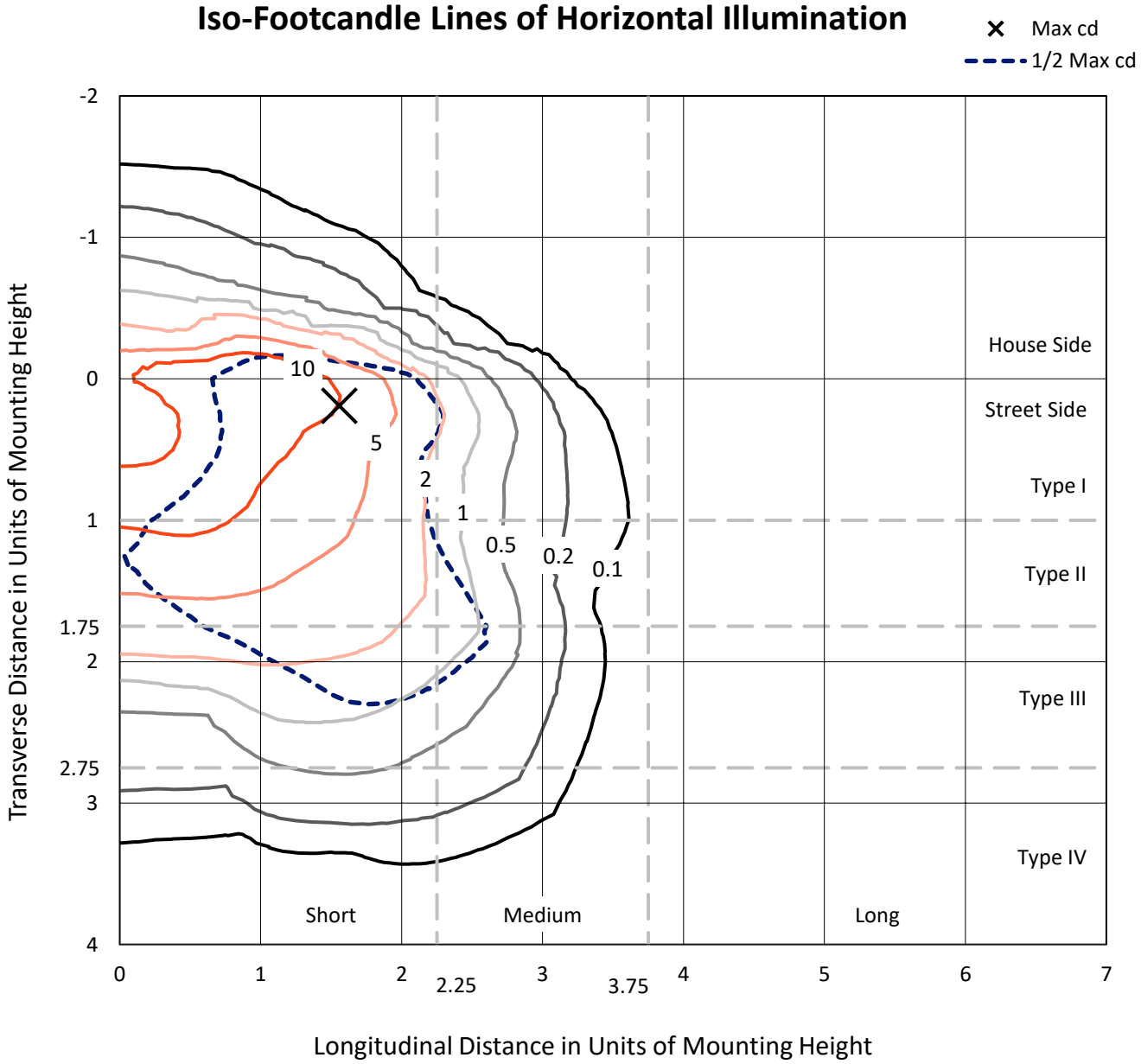


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



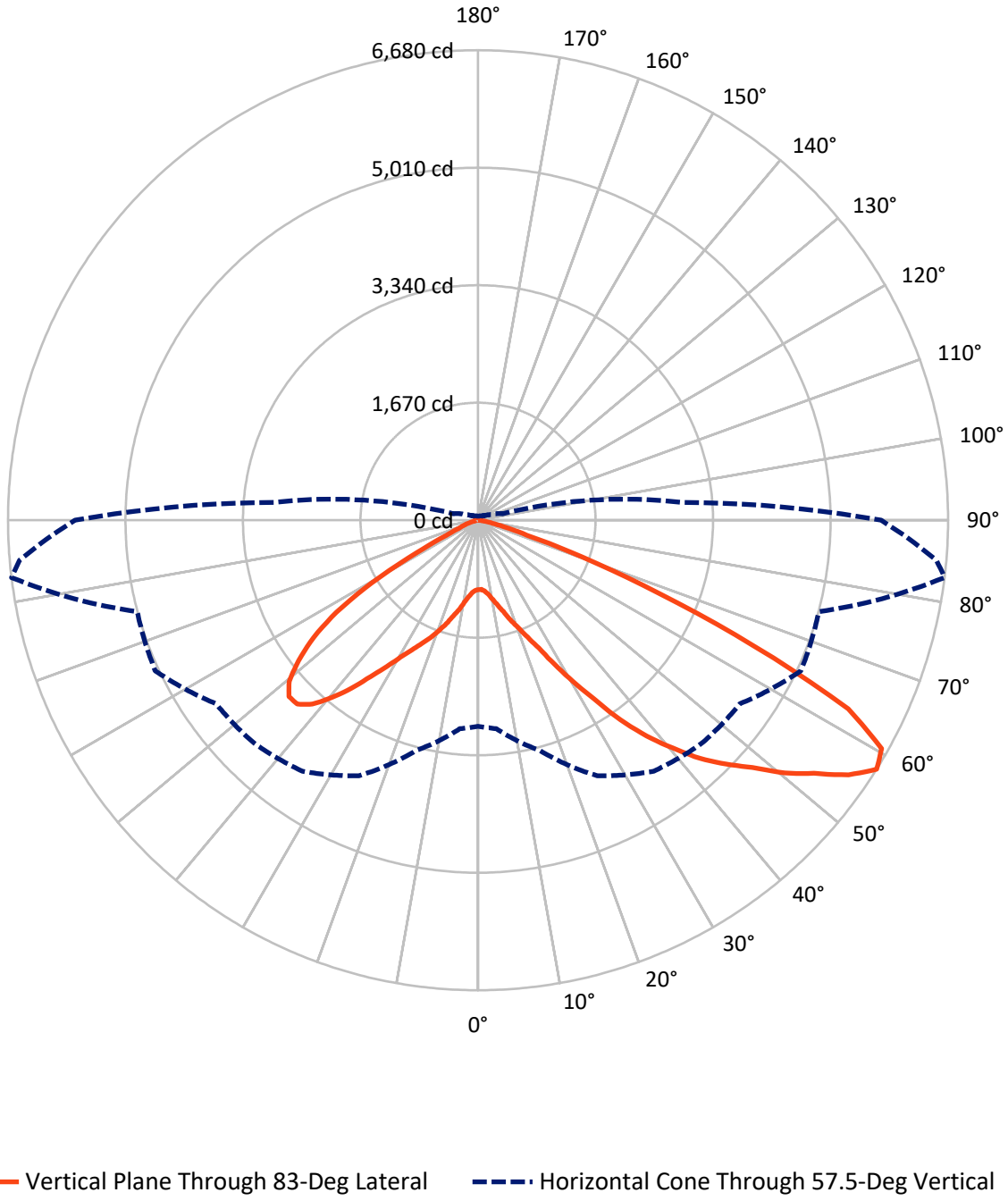
Based on 10 foot mounting height. Maximum calculated value = 19.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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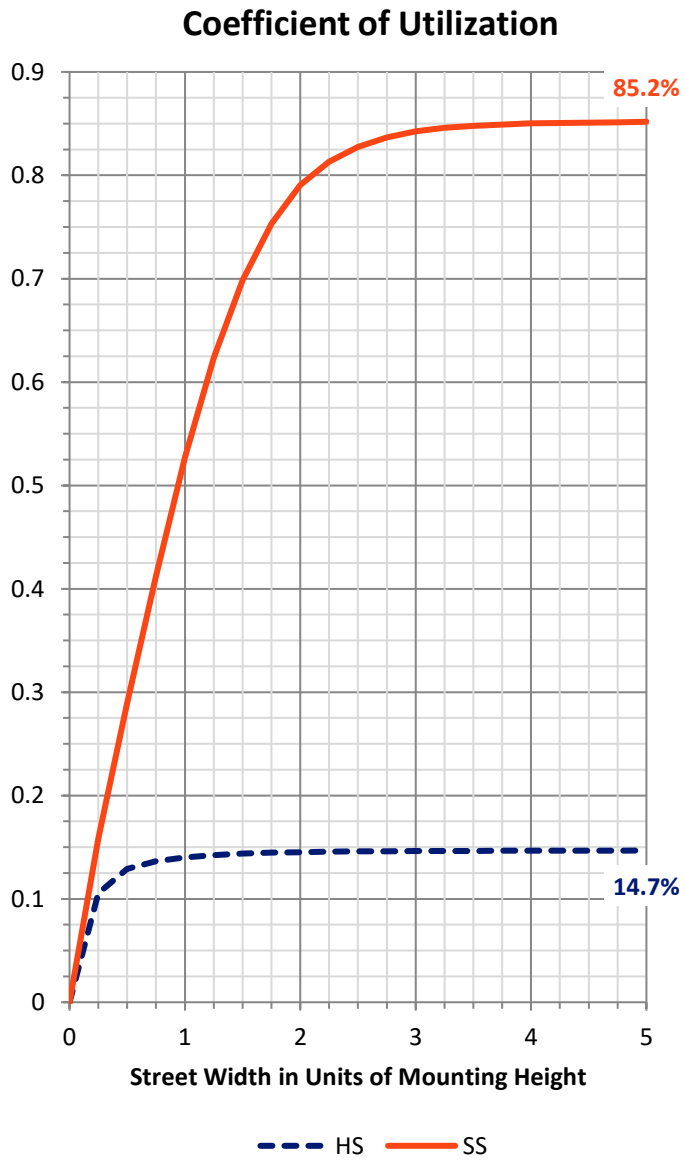
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1202.4	0.0	1202.4
	% Fixture	14.8	0.0	14.8
Street Side	Lumens	6923.0	0.0	6923.0
	% Fixture	85.2	0.0	85.2
Total	Lumens	8125.4	0.0	8125.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	1.1
10°-20°	238.9	2.9
20°-30°	454.9	5.6
30°-40°	988.0	12.2
40°-50°	1742.1	21.4
50°-60°	2221.3	27.3
60°-70°	1852.5	22.8
70°-80°	516.4	6.4
80°-90°	21.1	0.3
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°	8125.4	100.0
0°-180°	8125.4	100.0



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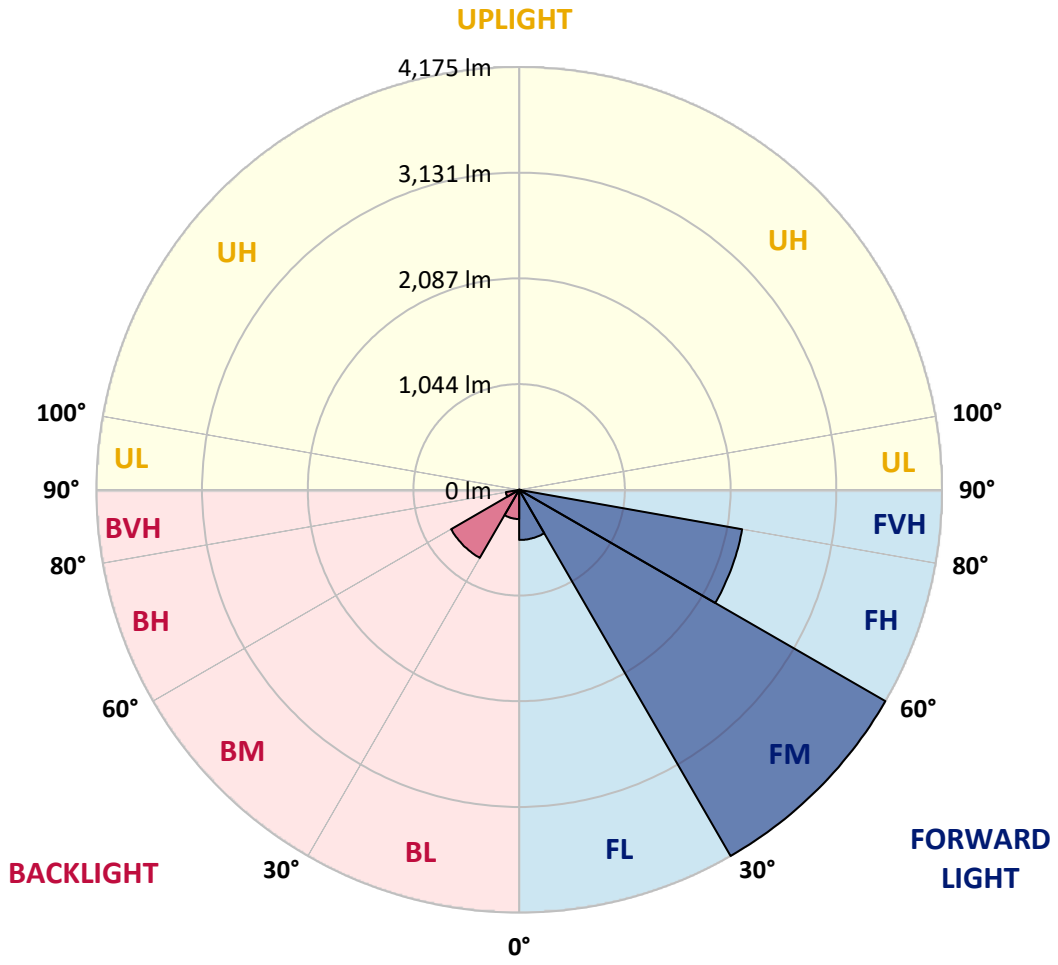
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	495.2	6.1			
FM	(30°-60°)	4174.6	51.4			
FH	(60°-80°)	2234.8	27.5			G2/5000
FVH	(80°-90°)	18.4	0.2			G1/100
BL	(0°-30°)	288.7	3.6	B1/500		
BM	(30°-60°)	776.8	9.6	B1/1000		
BH	(60°-80°)	134.1	1.7	B1/500		G1/500
BVH	(80°-90°)	2.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2	*985.2*	985.2
2.5°	971.1	966.4	957.0	961.7	966.4	966.4	971.1	975.8	985.2	*985.2*	994.5
5°	839.7	839.7	844.4	867.9	891.3	919.5	952.3	980.5	1003.9	*1013.3*	1013.3
7.5°	769.4	764.7	769.4	774.1	802.2	853.8	919.5	985.2	1041.5	*1060.2*	1079.0
10°	769.4	769.4	769.4	778.7	788.1	816.3	886.6	989.8	1097.7	*1144.7*	1154.0
12.5°	774.1	774.1	774.1	783.4	797.5	825.7	872.6	1018.0	1168.1	*1233.8*	1252.6
15°	783.4	778.7	783.4	797.5	806.9	830.3	900.7	1046.1	1247.9	*1346.4*	1369.8
17.5°	802.2	802.2	797.5	806.9	830.3	867.9	928.9	1083.7	1360.5	*1487.1*	1505.9
20°	835.0	830.3	830.3	839.7	867.9	924.2	999.2	1154.0	1482.4	*1627.9*	1660.7
22.5°	886.6	881.9	877.3	896.0	938.2	999.2	1093.1	1252.6	1627.9	*1806.1*	1839.0
25°	980.5	975.8	966.4	985.2	1022.7	1116.5	1224.4	1416.7	1815.5	*2012.5*	2045.4
27.5°	1154.0	1154.0	1130.6	1125.9	1163.4	1276.0	1435.5	1665.4	2073.5	*2317.5*	2345.6
30°	1477.7	1454.3	1426.1	1365.1	1365.1	1477.7	1679.5	1956.2	2397.2	*2659.9*	2678.7
32.5°	1698.2	1702.9	1698.2	1679.5	1674.8	1749.8	1989.1	2317.5	2749.1	*3025.8*	3068.1
35°	1914.0	1918.7	1932.8	1989.1	2050.1	2125.1	2364.4	2706.8	3119.7	*3485.6*	3490.3
37.5°	2247.1	2214.3	2223.6	2279.9	2420.7	2580.2	2730.3	3077.4	3509.0	*3893.7*	3964.1
40°	2523.9	2528.6	2594.2	2613.0	2786.6	2993.0	3096.2	3396.4	3762.4	*4254.9*	4339.4
42.5°	2786.6	2800.7	2932.0	3044.6	3208.8	3340.1	3466.8	3631.0	4020.4	*4630.2*	4733.4
45°	2988.3	3016.5	3199.4	3405.8	3612.2	3659.2	3738.9	3860.9	4198.6	*4944.5*	5075.9
47.5°	3072.7	3119.7	3396.4	3724.8	3921.9	3964.1	3926.6	4006.3	4358.1	*5249.5*	5362.1
50°	3143.1	3180.6	3518.4	3912.5	4156.4	4189.3	4001.6	4170.5	4531.7	*5648.2*	5737.4
52.5°	3232.3	3293.2	3626.3	4015.7	4273.7	4273.7	4020.4	4372.2	4714.7	*5976.6*	6056.4
55°	3110.3	3143.1	3626.3	4043.8	4283.1	4362.8	4170.5	4728.8	4925.8	*6389.4*	6356.6
57.5°	*2927.3*	*2974.2*	*3387.1*	*4006.3*	*4353.5*	*4489.5*	*4545.8*	*5061.8*	*5014.9*	*6680.3*	*6539.6*
60°	2786.6	2777.2	3143.1	3874.9	4456.7	4653.7	4963.3	5235.4	4855.4	*6591.2*	6441.0
62.5°	2228.3	2279.9	2810.0	3565.3	4433.2	4789.7	5324.5	5071.2	4372.2	*5906.2*	5582.6
65°	1238.5	1304.2	1848.3	3063.4	4208.0	4874.2	5460.6	4531.7	3382.4	*4315.9*	3907.8
67.5°	722.4	755.3	975.8	2580.2	3649.8	4907.0	5108.7	3199.4	2209.6	*2763.1*	2491.0
70°	652.1	661.5	745.9	2200.2	3260.4	4231.5	4339.4	1979.7	1430.8	*1571.6*	1383.9
72.5°	483.2	464.4	525.4	1468.4	2645.8	3030.5	3387.1	1111.8	881.9	*727.1*	633.3
75°	117.3	122.0	159.5	478.5	1285.4	1853.0	1280.7	516.0	591.1	*389.4*	347.2
77.5°	70.4	75.1	89.1	159.5	365.9	675.5	314.3	281.5	356.5	*206.4*	183.0
80°	46.9	51.6	61.0	89.1	140.7	192.3	84.4	145.4	183.0	*117.3*	107.9
82.5°	14.1	14.1	32.8	46.9	65.7	61.0	42.2	65.7	98.5	*61.0*	51.6
85°	9.4	9.4	18.8	23.5	28.1	23.5	14.1	28.1	51.6	*32.8*	23.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2	985.2
2.5°	989.8	994.5	999.2	999.2	1008.6	1008.6	1008.6	1013.3	1013.3	1013.3	1022.7
5°	1027.4	1027.4	1041.5	1041.5	1041.5	1022.7	1003.9	989.8	985.2	985.2	980.5
7.5°	1083.7	1093.1	1107.1	1088.4	1060.2	1013.3	942.9	891.3	849.1	839.7	825.7
10°	1172.8	1182.2	1186.9	1135.3	1046.1	933.6	797.5	666.2	586.4	553.6	553.6
12.5°	1276.0	1304.2	1280.7	1168.1	985.2	727.1	487.9	380.0	328.4	309.6	304.9
15°	1402.7	1412.1	1369.8	1158.7	797.5	431.6	309.6	286.2	276.8	276.8	276.8
17.5°	1557.5	1562.2	1444.9	1079.0	487.9	309.6	281.5	272.1	267.4	267.4	267.4
20°	1712.3	1707.6	1477.7	839.7	342.5	290.9	272.1	258.0	253.3	253.3	253.3
22.5°	1890.6	1876.5	1496.5	553.6	309.6	281.5	262.7	243.9	239.3	239.3	239.3
25°	2097.0	2040.7	1459.0	417.5	304.9	267.4	248.6	225.2	225.2	220.5	225.2
27.5°	2383.1	2256.5	1313.5	408.1	304.9	262.7	234.6	206.4	201.7	201.7	201.7
30°	2720.9	2505.1	1163.4	450.4	309.6	253.3	215.8	187.6	183.0	178.3	178.3
32.5°	3077.4	2796.0	1069.6	520.7	319.0	234.6	197.0	168.9	164.2	159.5	159.5
35°	3513.7	3086.8	1125.9	614.5	333.1	220.5	178.3	154.8	145.4	140.7	145.4
37.5°	3926.6	3415.2	1304.2	717.8	342.5	197.0	159.5	140.7	131.4	126.7	131.4
40°	4273.7	3706.1	1505.9	778.7	314.3	168.9	140.7	122.0	112.6	117.3	122.0
42.5°	4583.3	3982.8	1651.3	722.4	243.9	150.1	122.0	107.9	103.2	107.9	107.9
45°	4855.4	4175.2	1618.5	534.8	197.0	126.7	107.9	98.5	93.8	98.5	98.5
47.5°	5104.0	4240.9	1407.4	314.3	173.6	112.6	98.5	89.1	89.1	89.1	89.1
50°	5333.9	4137.7	1102.4	248.6	154.8	103.2	89.1	84.4	79.8	79.8	79.8
52.5°	5568.5	3856.2	760.0	211.1	140.7	98.5	84.4	79.8	70.4	70.4	70.4
55°	5723.3	3466.8	497.3	197.0	131.4	89.1	79.8	75.1	65.7	65.7	65.7
57.5°	*5728.0*	*2913.2*	*356.5*	*183.0*	*112.6*	*84.4*	*75.1*	*70.4*	*61.0*	*56.3*	*56.3*
60°	5437.1	2125.1	262.7	164.2	103.2	79.8	70.4	65.7	56.3	51.6	51.6
62.5°	4555.2	1172.8	206.4	145.4	93.8	70.4	65.7	61.0	51.6	46.9	42.2
65°	2941.4	581.7	159.5	122.0	89.1	65.7	61.0	51.6	42.2	37.5	32.8
67.5°	1745.1	342.5	122.0	93.8	70.4	56.3	51.6	42.2	37.5	32.8	28.1
70°	825.7	258.0	89.1	70.4	56.3	42.2	42.2	37.5	32.8	28.1	23.5
72.5°	370.6	197.0	61.0	56.3	42.2	28.1	32.8	32.8	28.1	18.8	18.8
75°	253.3	131.4	42.2	42.2	28.1	23.5	23.5	23.5	18.8	18.8	18.8
77.5°	154.8	84.4	28.1	28.1	18.8	14.1	18.8	18.8	14.1	9.4	9.4
80°	79.8	51.6	18.8	18.8	9.4	9.4	14.1	9.4	9.4	4.7	4.7
82.5°	32.8	28.1	9.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	14.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

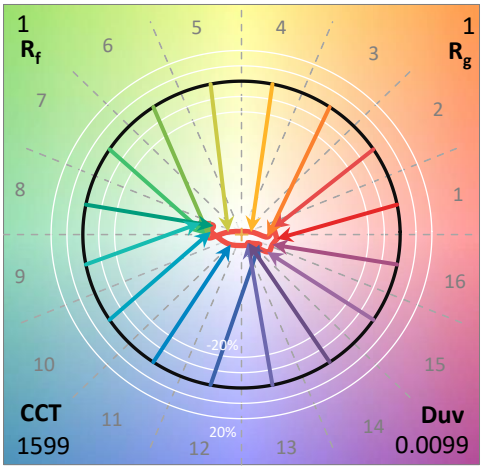
Test Information

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

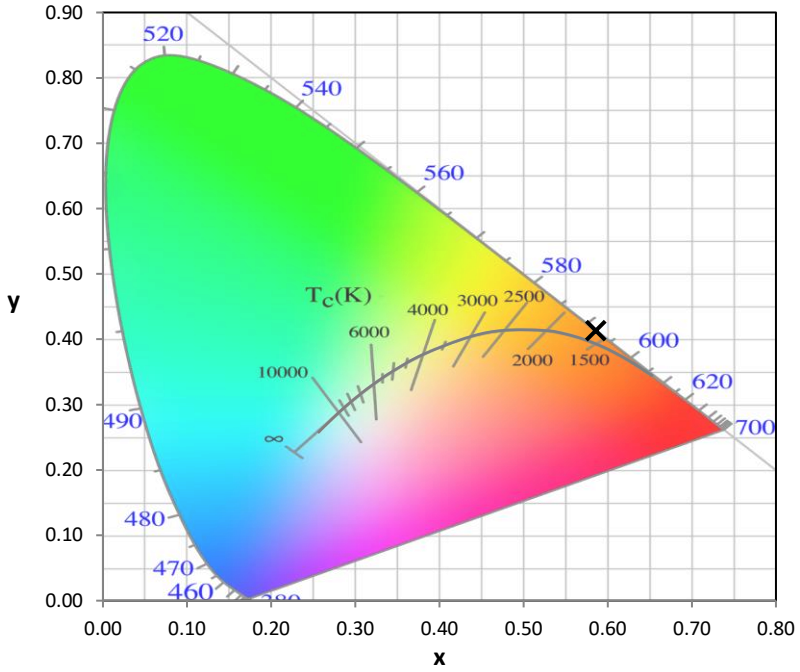
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

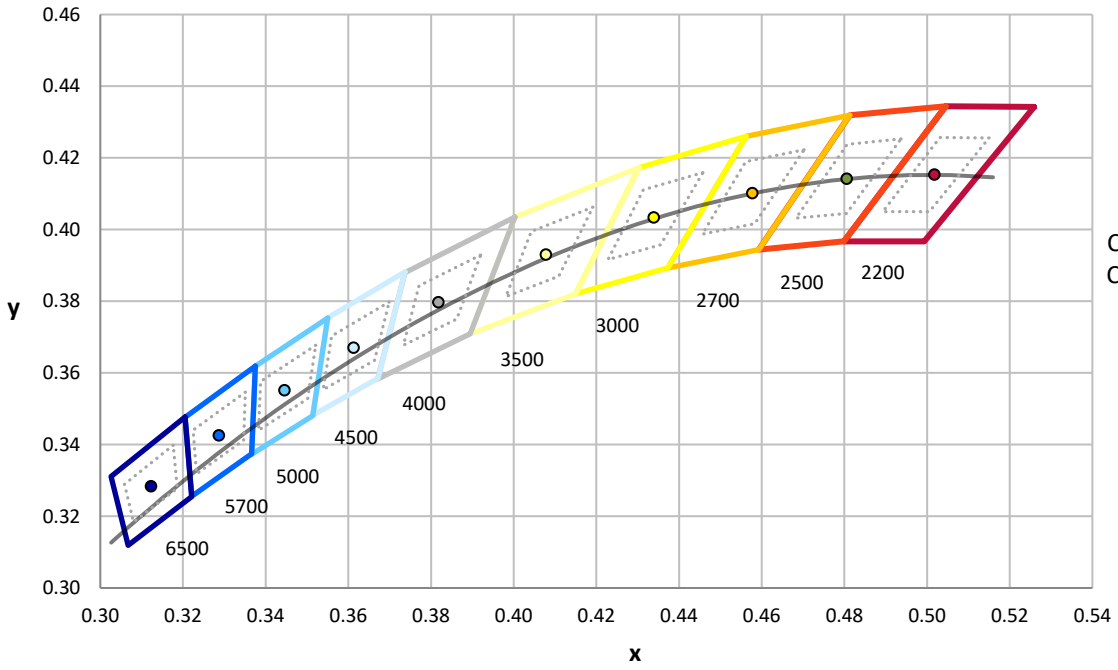
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

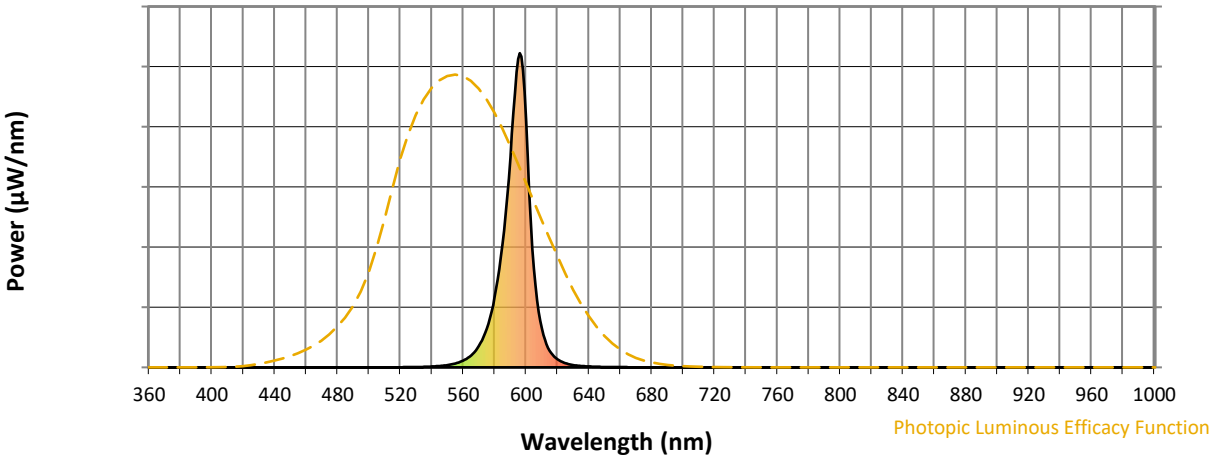


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

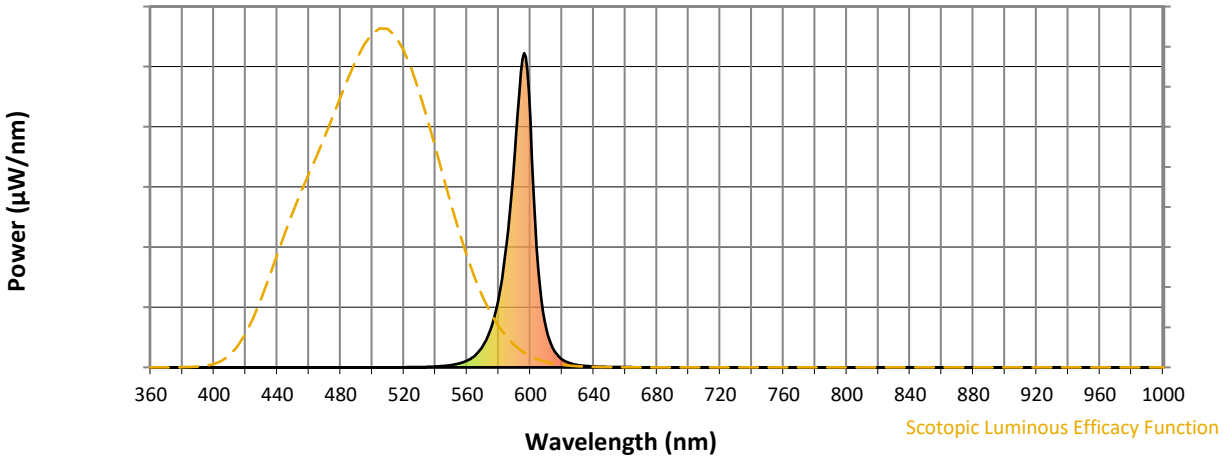


Photopic Lumens: NR

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

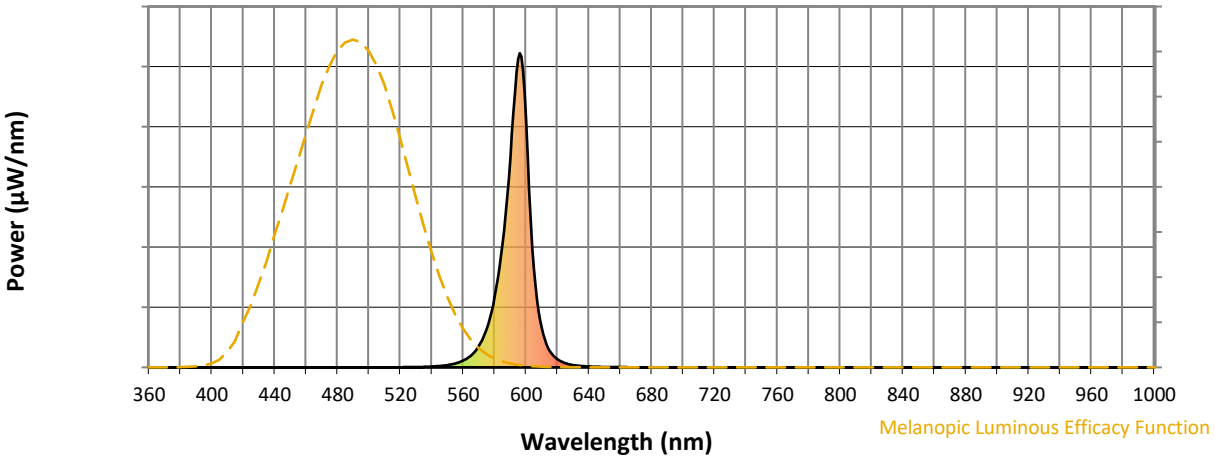


Scotopic Lumens: NR **S/P: 0.23**

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			

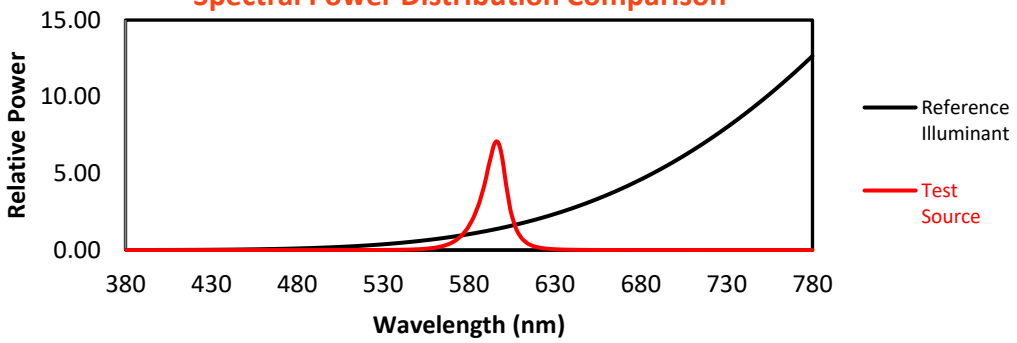
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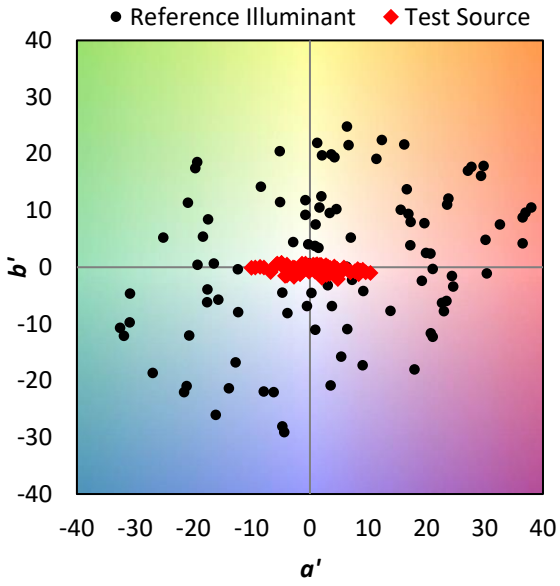
Summary

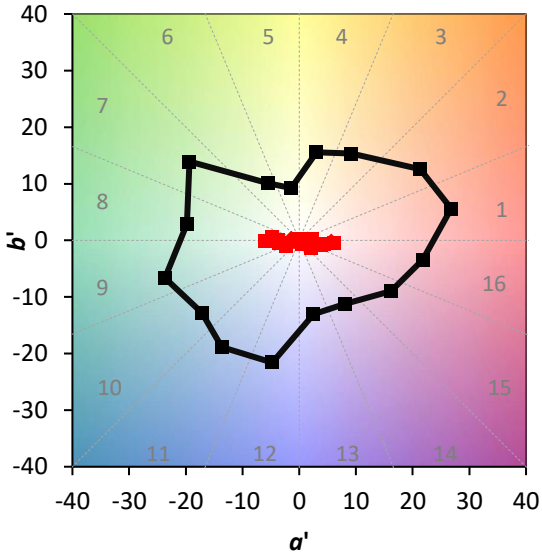
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

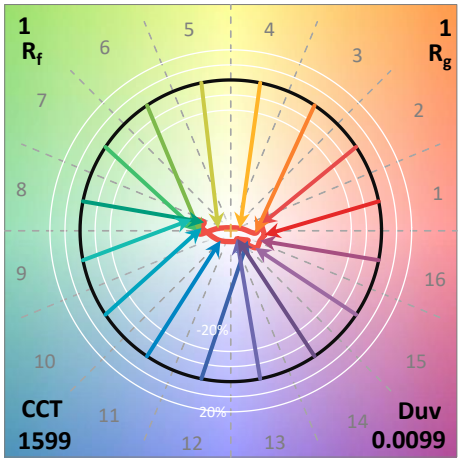
Spectral Power Distribution Comparison

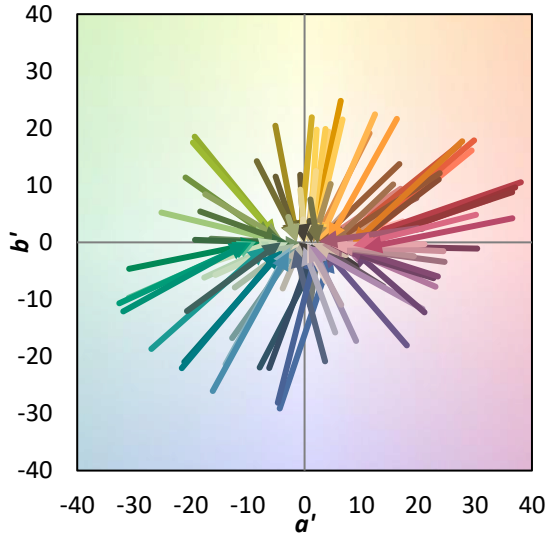


Color Vector Graphics







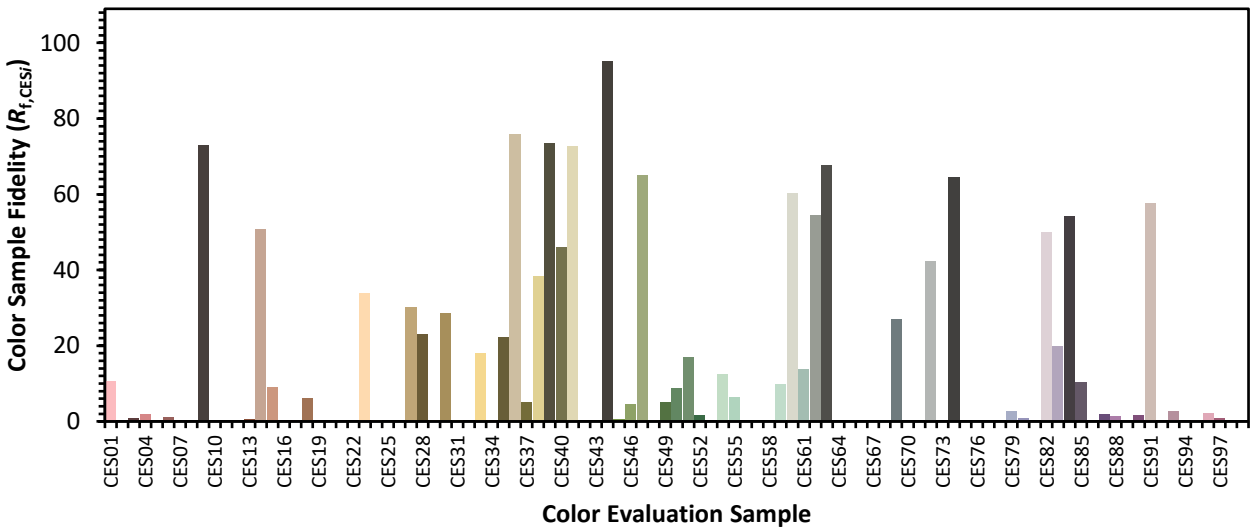


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Individual Sample Fidelity Index ($R_{f,i}$)

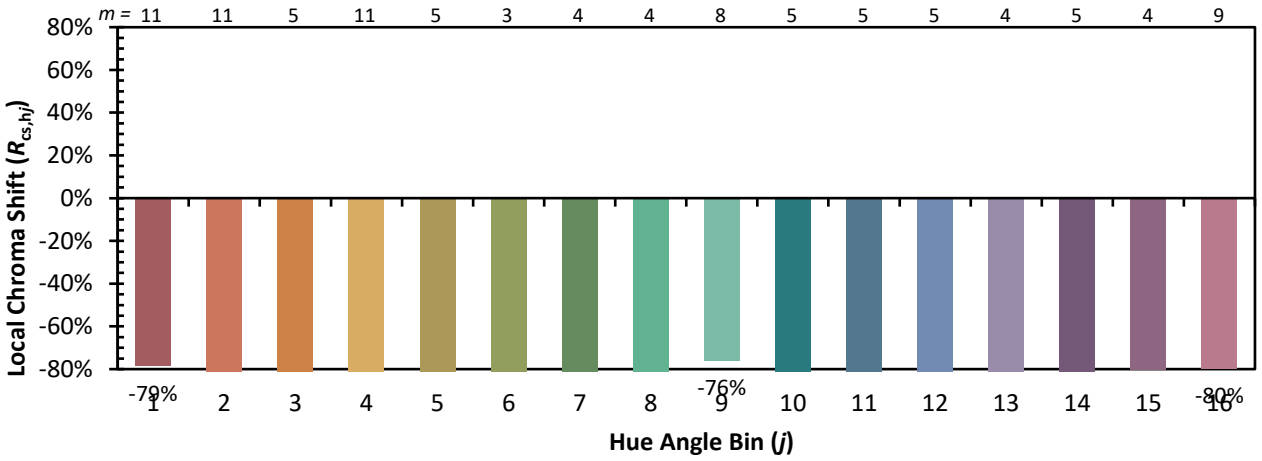
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

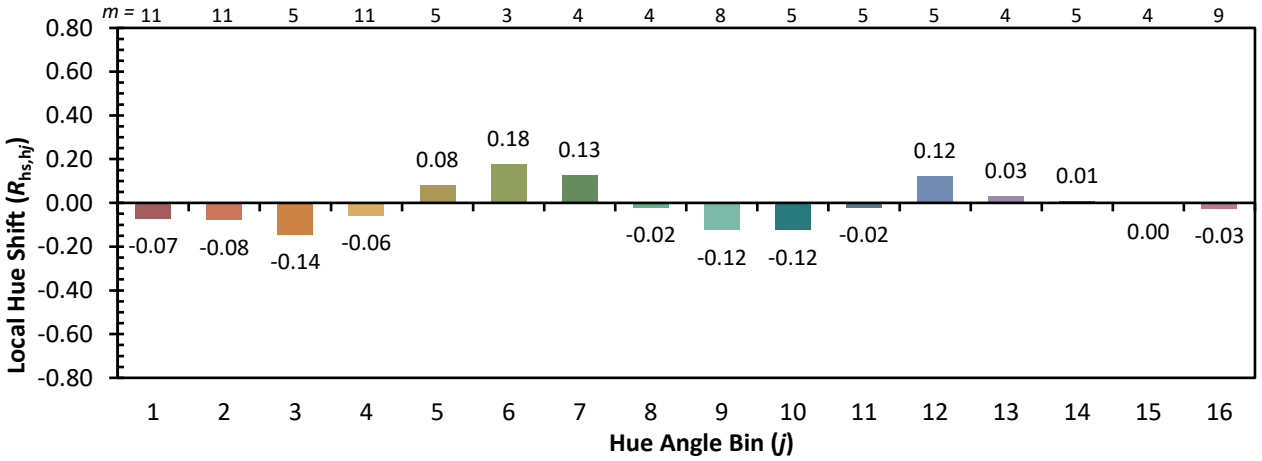


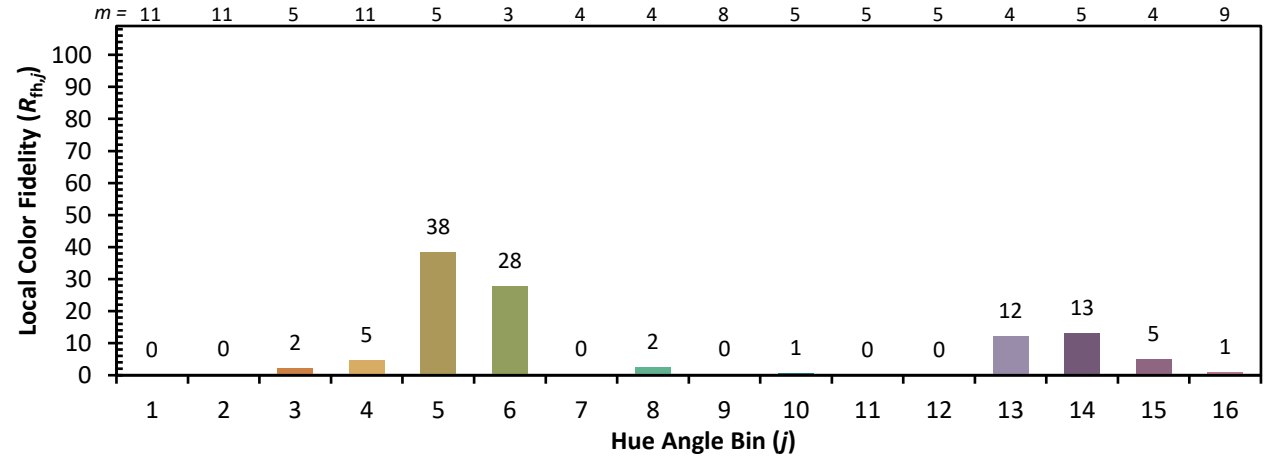
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Color Rendition by Hue-Angle Bin



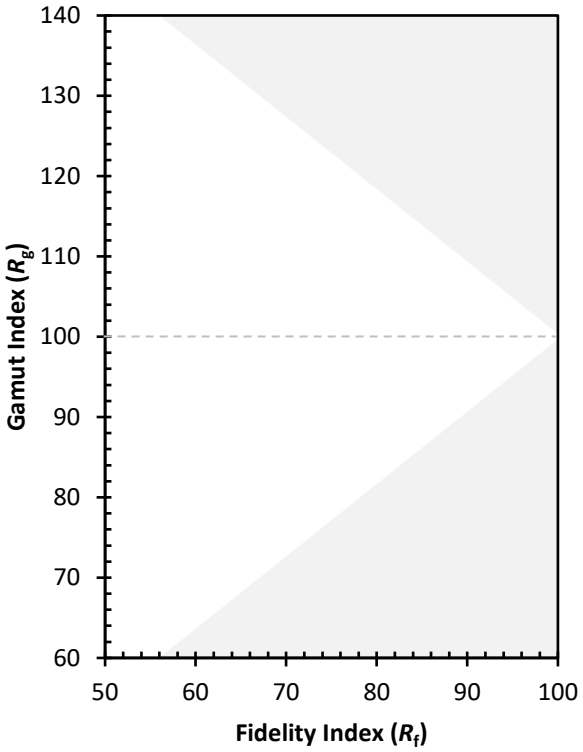


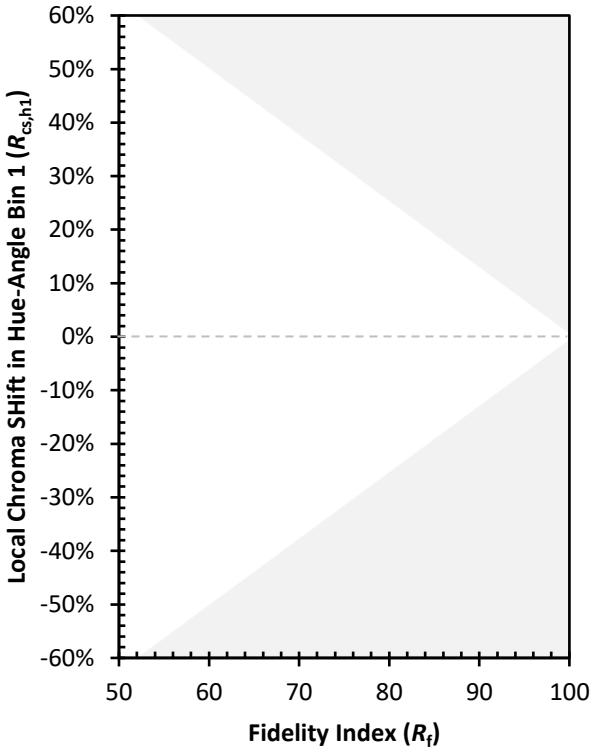


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Measure Comparisons





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