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-T4FT

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-T4FT
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T4 FORWARD THROW DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9645.4 lumens
Efficiency:	N/A
Efficacy:	60.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
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

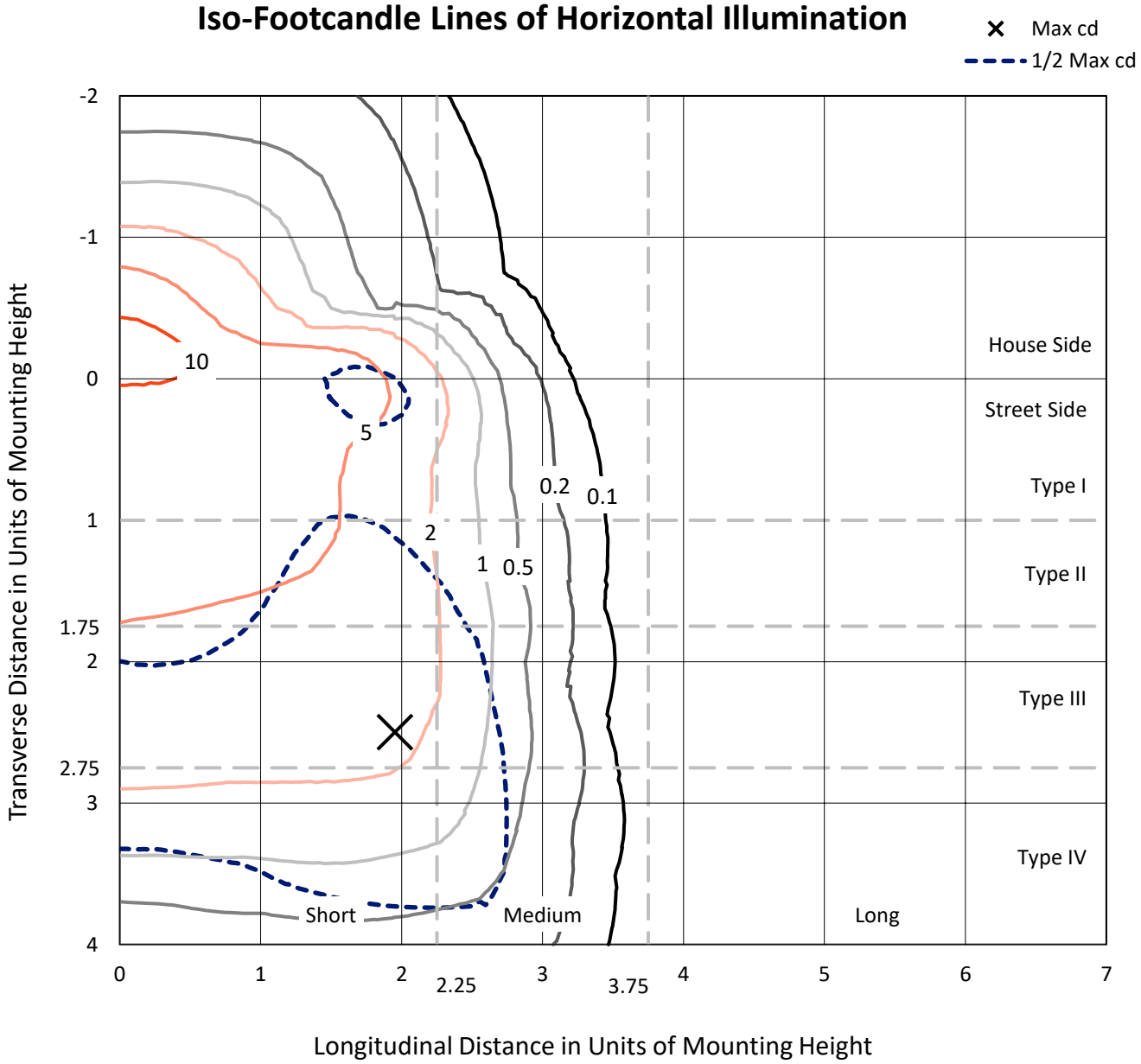


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



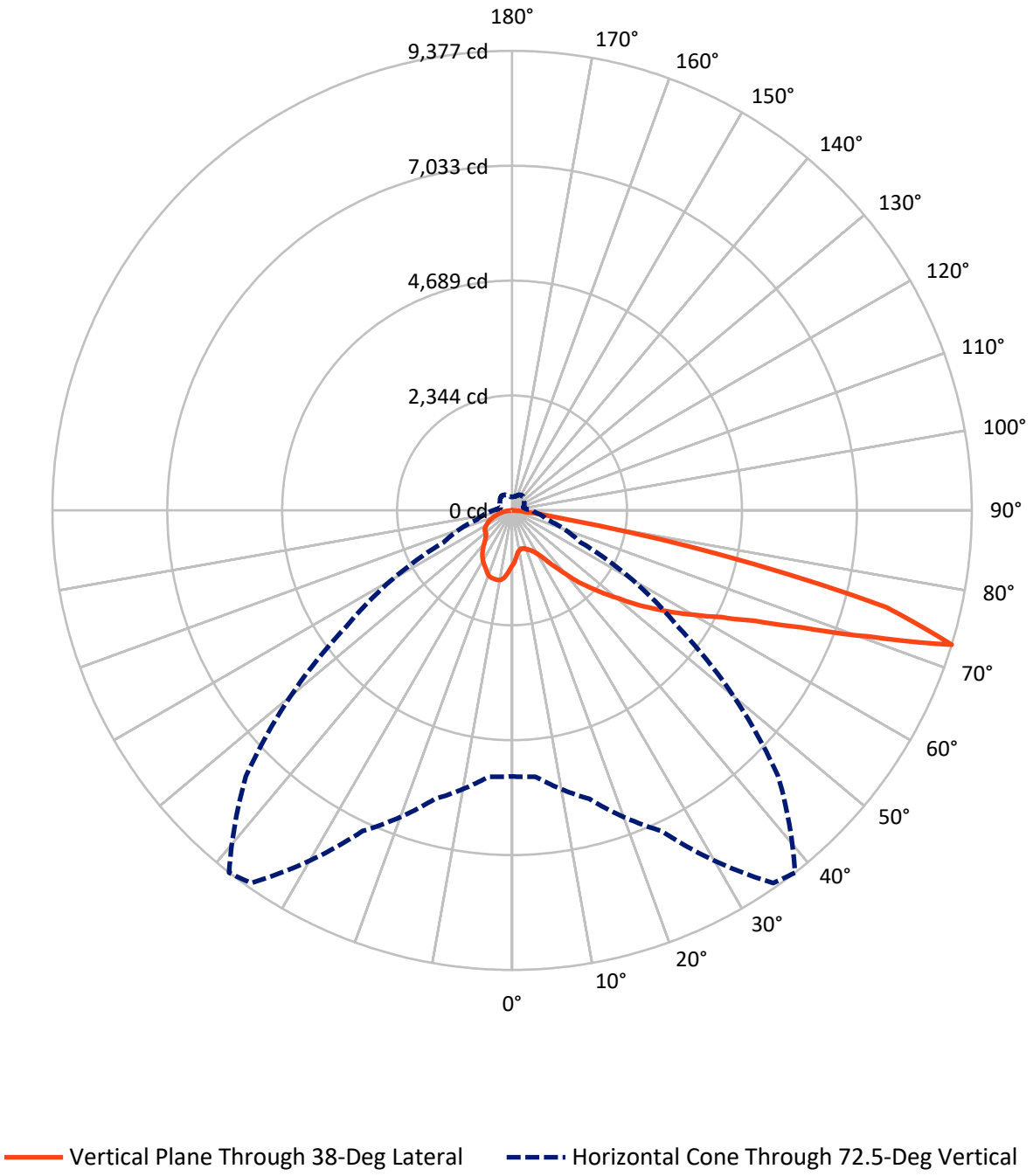
Based on 10 foot mounting height. Maximum calculated value = 14 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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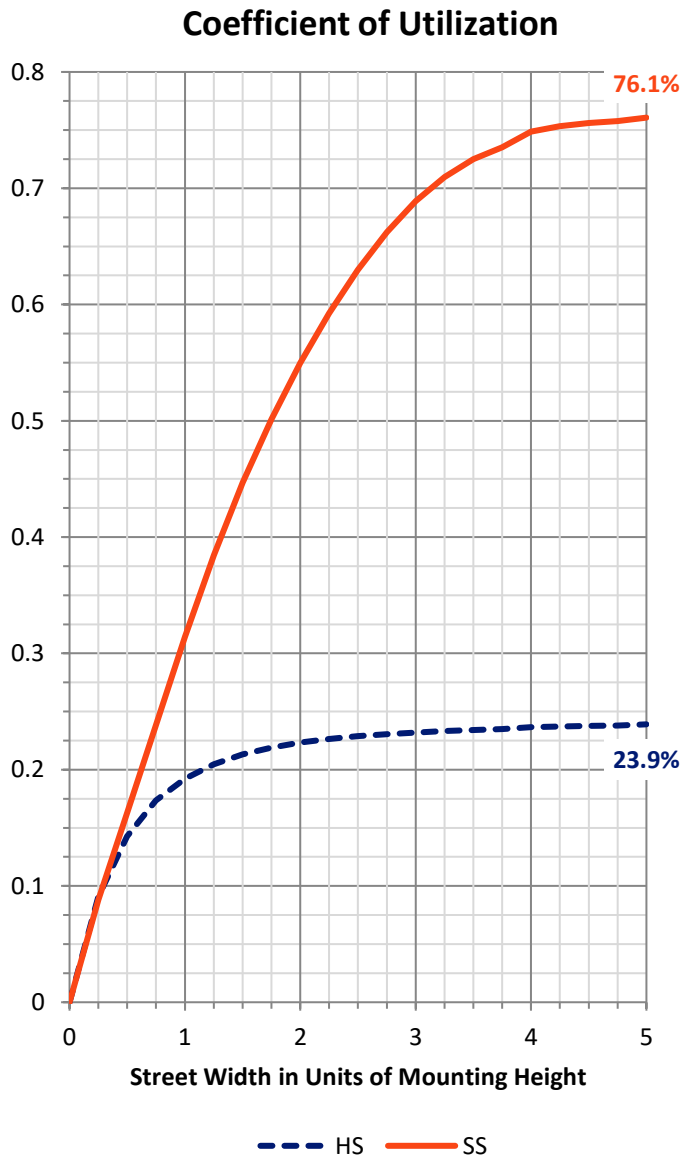
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2330.4	0.0	2330.4
	% Fixture	24.2	0.0	24.2
Street Side	Lumens	7315.1	0.0	7315.1
	% Fixture	75.8	0.0	75.8
Total	Lumens	9645.4	0.0	9645.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.1	1.1
10°-20°	322.9	3.3
20°-30°	544.1	5.6
30°-40°	836.2	8.7
40°-50°	1290.5	13.4
50°-60°	2048.3	21.2
60°-70°	2668.9	27.7
70°-80°	1734.6	18.0
80°-90°	92.7	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°	9645.4	100.0
0°-180°	9645.4	100.0



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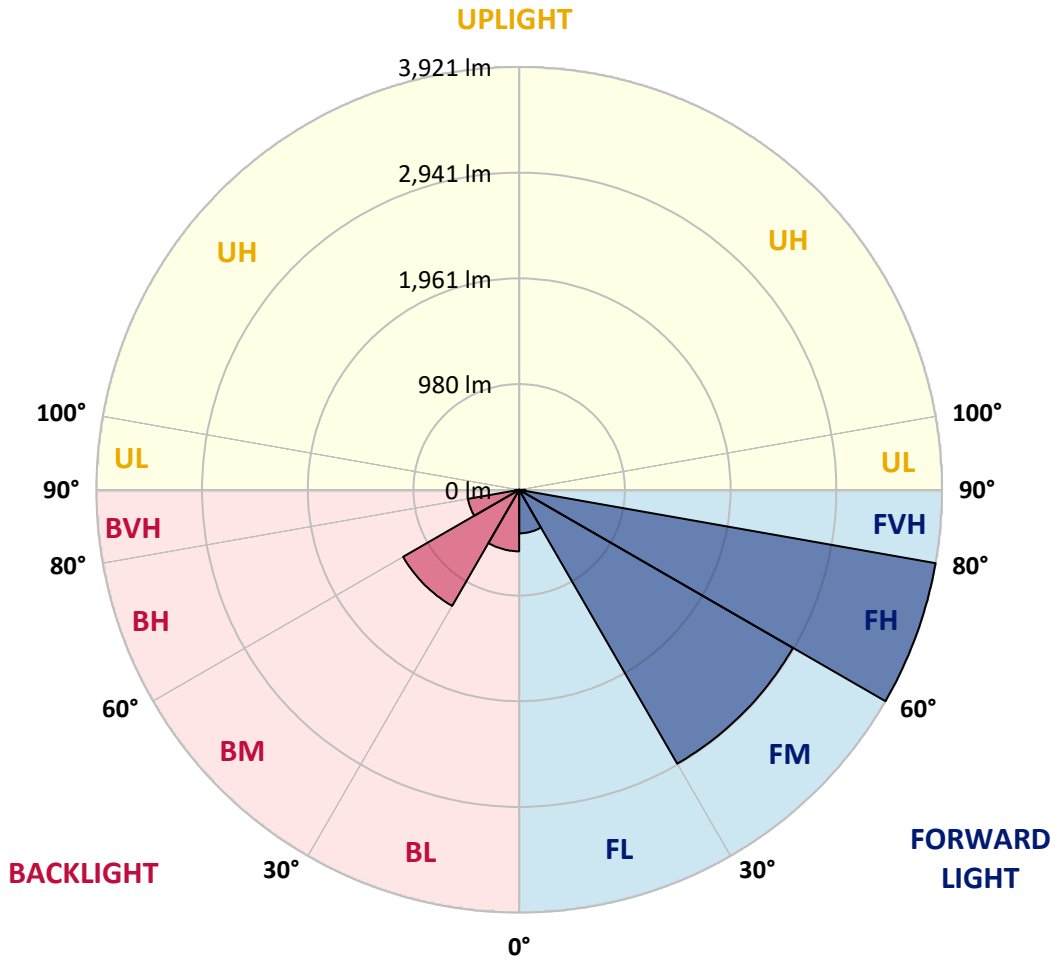
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	403.8	4.2			
FM	(30°-60°)	2932.4	30.4			
FH	(60°-80°)	3921.4	40.7			G2/5000
FVH	(80°-90°)	57.5	0.6			G1/100
BL	(0°-30°)	570.3	5.9	B2/1000		
BM	(30°-60°)	1242.7	12.9	B2/2500		
BH	(60°-80°)	482.2	5.0	B1/500		G1/500
BVH	(80°-90°)	35.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	38°	45°	55°	65°	75°	85°
0°	1117.0	1117.0	1117.0	1117.0	1117.0	*1117.0*	1117.0	1117.0	1117.0	1117.0	1117.0
2.5°	1027.9	1023.2	1027.9	1027.9	1046.6	*1046.6*	1046.6	1060.7	1074.8	1088.9	1107.6
5°	901.1	891.7	896.4	905.8	919.9	*943.4*	952.8	985.6	1013.8	1056.0	1098.3
7.5°	812.0	812.0	816.7	830.7	849.5	*863.6*	887.1	924.6	971.5	1032.5	1088.9
10°	769.7	769.7	774.4	783.8	807.3	*826.0*	840.1	887.1	943.4	1018.5	1088.9
12.5°	755.6	755.6	760.3	769.7	793.2	*802.6*	826.0	873.0	929.3	1009.1	1102.9
15°	765.0	760.3	760.3	769.7	793.2	*807.3*	830.7	877.7	934.0	1018.5	1117.0
17.5°	783.8	783.8	779.1	788.5	802.6	*816.7*	840.1	891.7	952.8	1023.2	1131.1
20°	807.3	812.0	797.9	807.3	830.7	*844.8*	863.6	915.2	976.2	1037.2	1145.2
22.5°	854.2	854.2	835.4	835.4	858.9	*873.0*	891.7	943.4	999.7	1065.4	1182.7
25°	934.0	929.3	901.1	882.4	887.1	*905.8*	934.0	976.2	1032.5	1093.6	1206.2
27.5°	1060.7	1056.0	1009.1	966.8	948.1	*957.5*	976.2	1027.9	1074.8	1117.0	1253.1
30°	1248.4	1234.4	1178.0	1088.9	1037.2	*1032.5*	1041.9	1093.6	1126.4	1164.0	1309.5
32.5°	1436.2	1436.2	1370.5	1248.4	1164.0	*1145.2*	1131.1	1173.4	1206.2	1243.8	1393.9
35°	1652.1	1628.6	1558.2	1445.6	1323.5	*1309.5*	1267.2	1286.0	1323.5	1337.6	1483.1
37.5°	1844.5	1830.4	1769.4	1666.2	1530.0	*1506.6*	1445.6	1450.3	1469.0	1445.6	1619.2
40°	2027.6	2027.6	1961.8	1896.1	1783.5	*1736.6*	1666.2	1656.8	1642.7	1600.5	1788.2
42.5°	2262.2	2224.7	2135.5	2088.6	2032.2	*2008.8*	1952.5	1914.9	1868.0	1792.9	2008.8
45°	2398.3	2374.9	2281.0	2271.6	2257.5	*2262.2*	2243.4	2210.6	2144.9	2032.2	2290.4
47.5°	2534.4	2515.7	2464.0	2492.2	2501.6	*2534.4*	2581.4	2562.6	2435.9	2285.7	2670.5
50°	2787.9	2773.8	2717.5	2764.4	2797.3	*2825.4*	2909.9	2947.5	2759.7	2590.8	3097.6
52.5°	3031.9	3041.3	3003.8	3055.4	3135.2	*3191.5*	3280.7	3327.6	3078.9	2928.7	3651.5
55°	3280.7	3271.3	3308.8	3374.6	3506.0	*3552.9*	3693.7	3745.3	3407.4	3238.4	4275.7
57.5°	3562.3	3548.2	3567.0	3670.2	3867.4	*3933.1*	4073.9	4139.6	3689.0	3567.0	4979.7
60°	3970.6	3886.1	3904.9	4003.5	4271.0	*4336.7*	4533.8	4580.8	3956.5	3829.8	5477.2
62.5°	4463.4	4388.3	4308.5	4374.3	4712.2	*4801.4*	5078.3	4975.0	4153.7	3829.8	5237.8
65°	4824.8	4768.5	4759.1	4937.5	5322.3	*5435.0*	5688.4	5341.1	4036.3	3440.3	4435.3
67.5°	5388.0	5378.6	5200.3	5472.5	6242.2	*6373.6*	6533.2	5383.3	3642.1	2844.2	2970.9
70°	5965.3	5979.4	6007.6	6425.3	7532.9	*7711.3*	7777.0	5129.9	2877.1	1684.9	1257.8
72.5°	*5430.3*	*5453.7*	*6096.7*	*7218.5*	*9283.6*	*9377.4*	*7678.4*	*4116.1*	*1544.1*	*750.9*	*483.4*
75°	2628.3	2811.3	4050.4	6176.5	8326.1	*7889.6*	5148.7	1464.3	614.8	389.6	291.0
77.5°	558.5	586.7	1117.0	3022.6	4702.8	*4285.1*	2013.5	431.8	300.4	253.4	192.4
80°	164.3	178.3	262.8	563.2	1215.6	*1178.0*	427.1	215.9	192.4	173.7	131.4
82.5°	93.9	98.6	150.2	206.5	309.8	*305.1*	154.9	126.7	126.7	112.6	75.1
85°	42.2	46.9	61.0	98.6	112.6	*103.3*	65.7	56.3	61.0	61.0	37.5
87.5°	4.7	9.4	9.4	14.1	14.1	*14.1*	14.1	14.1	14.1	9.4	9.4
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-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0	1117.0
2.5°	1117.0	1126.4	1145.2	1154.6	1173.4	1187.4	1201.5	1201.5	1210.9	1215.6	1215.6
5°	1117.0	1135.8	1178.0	1206.2	1248.4	1281.3	1309.5	1323.5	1332.9	1342.3	1337.6
7.5°	1121.7	1154.6	1210.9	1271.9	1328.2	1370.5	1403.3	1422.1	1431.5	1436.2	1445.6
10°	1131.1	1173.4	1253.1	1332.9	1393.9	1426.8	1445.6	1455.0	1455.0	1459.6	1459.6
12.5°	1145.2	1201.5	1300.1	1393.9	1431.5	1450.3	1450.3	1450.3	1440.9	1440.9	1436.2
15°	1173.4	1225.0	1347.0	1431.5	1455.0	1445.6	1445.6	1426.8	1417.4	1417.4	1417.4
17.5°	1187.4	1253.1	1393.9	1455.0	1455.0	1445.6	1436.2	1398.6	1384.6	1370.5	1365.8
20°	1220.3	1286.0	1431.5	1464.3	1455.0	1436.2	1408.0	1361.1	1328.2	1318.8	1323.5
22.5°	1248.4	1318.8	1459.6	1455.0	1440.9	1398.6	1347.0	1304.8	1295.4	1290.7	1286.0
25°	1290.7	1370.5	1478.4	1436.2	1403.3	1332.9	1286.0	1276.6	1276.6	1271.9	1281.3
27.5°	1337.6	1436.2	1492.5	1408.0	1323.5	1253.1	1248.4	1262.5	1271.9	1267.2	1267.2
30°	1408.0	1516.0	1506.6	1365.8	1234.4	1178.0	1206.2	1234.4	1248.4	1243.8	1248.4
32.5°	1501.9	1609.8	1506.6	1309.5	1131.1	1107.6	1149.9	1187.4	1206.2	1210.9	1220.3
35°	1623.9	1727.2	1516.0	1229.7	1060.7	1046.6	1079.5	1112.3	1149.9	1164.0	1168.7
37.5°	1788.2	1886.7	1511.3	1135.8	1013.8	985.6	990.3	1013.8	1032.5	1056.0	1079.5
40°	2027.6	2065.1	1492.5	1056.0	966.8	915.2	891.7	901.1	905.8	919.9	934.0
42.5°	2304.5	2252.8	1436.2	999.7	919.9	849.5	807.3	793.2	783.8	797.9	802.6
45°	2618.9	2464.0	1370.5	943.4	863.6	797.9	750.9	722.8	699.3	685.2	680.5
47.5°	3013.2	2736.3	1342.3	868.3	793.2	755.6	713.4	675.9	652.4	614.8	614.8
50°	3430.9	3041.3	1267.2	769.7	736.9	732.2	694.6	657.1	628.9	572.6	563.2
52.5°	3933.1	3402.7	1140.5	685.2	694.6	732.2	680.5	633.6	586.7	535.0	530.4
55°	4505.7	3792.3	924.6	610.1	661.8	718.1	666.5	610.1	539.7	492.8	483.4
57.5°	5017.2	4120.8	722.8	544.4	610.1	680.5	643.0	558.5	483.4	445.9	441.2
60°	5341.1	4172.4	572.6	492.8	558.5	647.7	605.4	506.9	450.6	413.0	408.3
62.5°	4796.7	3487.2	464.6	436.5	506.9	596.1	558.5	474.0	417.7	380.2	375.5
65°	3890.8	2576.7	384.9	389.6	460.0	539.7	525.7	441.2	384.9	352.0	342.6
67.5°	2421.8	1469.0	319.2	352.0	403.6	474.0	474.0	417.7	352.0	319.2	319.2
70°	962.1	572.6	276.9	309.8	356.7	408.3	427.1	375.5	323.8	300.4	295.7
72.5°	*384.9*	*295.7*	*234.7*	*276.9*	*300.4*	*342.6*	*366.1*	*352.0*	*300.4*	*276.9*	*276.9*
75°	244.1	211.2	197.1	234.7	248.8	272.2	323.8	314.5	281.6	337.9	342.6
77.5°	164.3	140.8	154.9	187.7	197.1	230.0	267.5	267.5	234.7	262.8	215.9
80°	112.6	98.6	112.6	131.4	145.5	183.0	211.2	206.5	183.0	178.3	159.6
82.5°	65.7	61.0	79.8	84.5	84.5	122.0	150.2	145.5	131.4	122.0	117.3
85°	23.5	23.5	37.5	42.2	42.2	61.0	84.5	79.8	79.8	70.4	70.4
87.5°	4.7	4.7	4.7	4.7	9.4	14.1	18.8	14.1	14.1	18.8	18.8
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

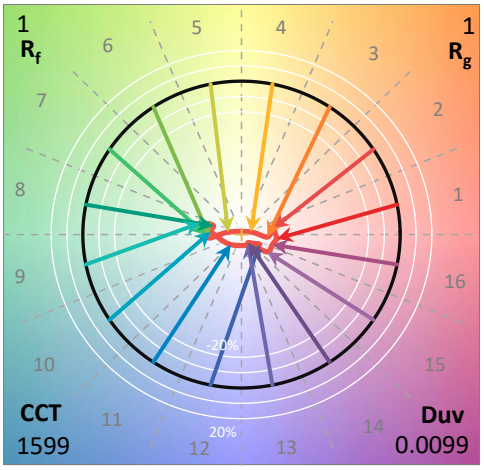
Test Information

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

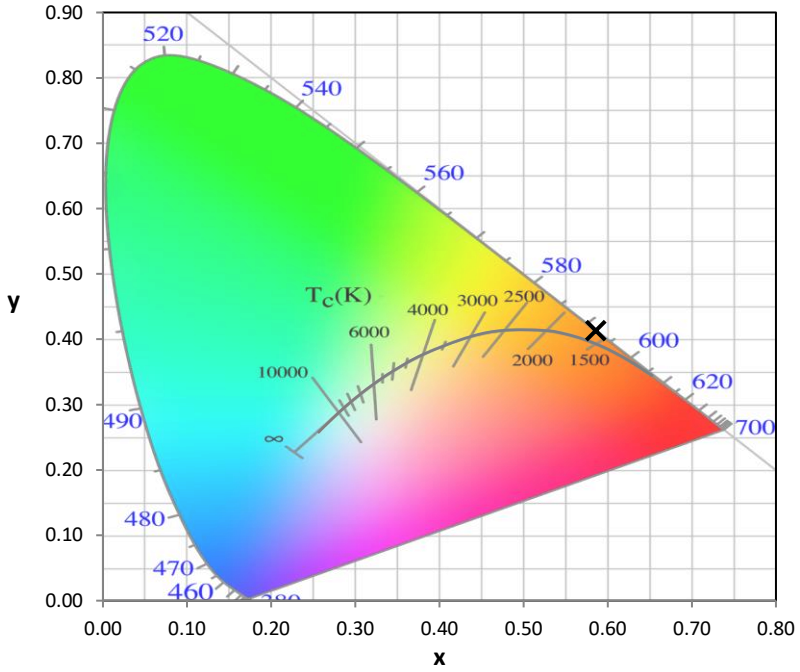
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

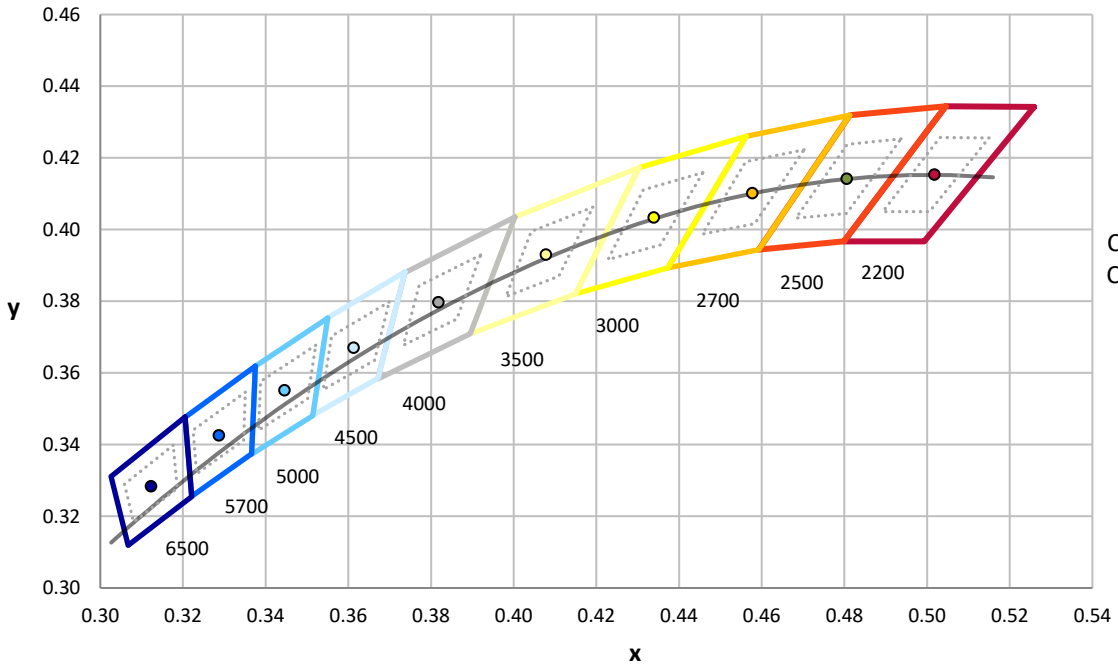
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

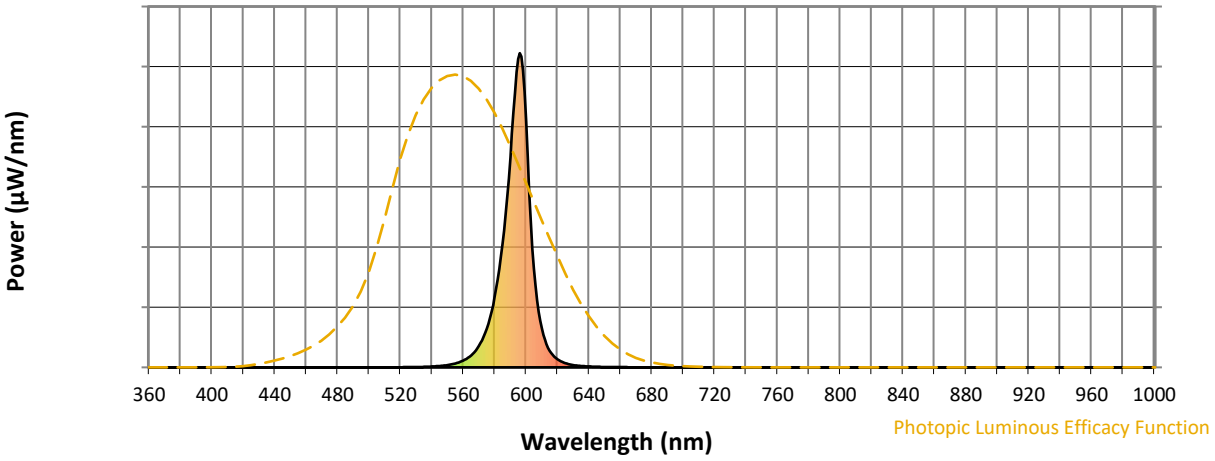


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

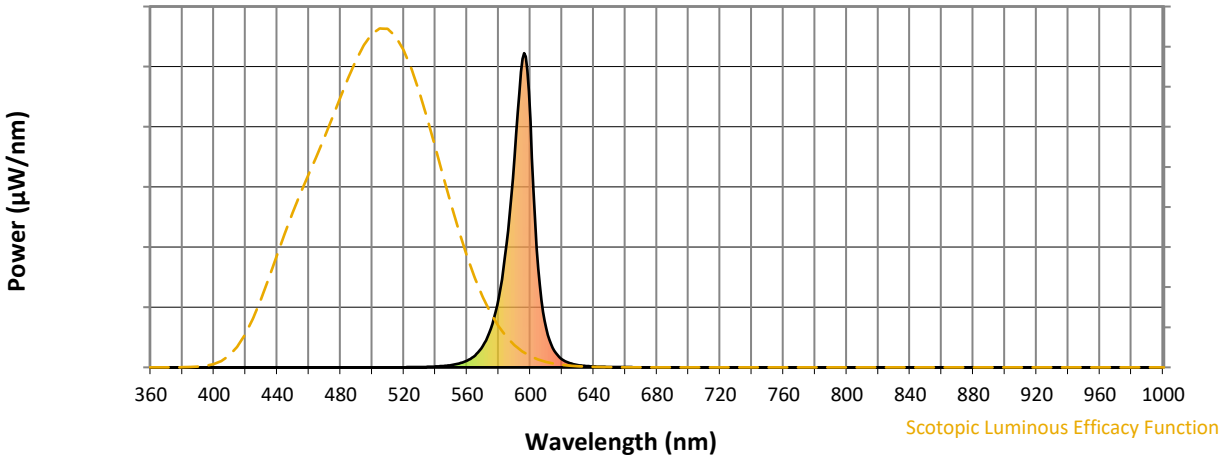


Photopic Lumens: NR

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

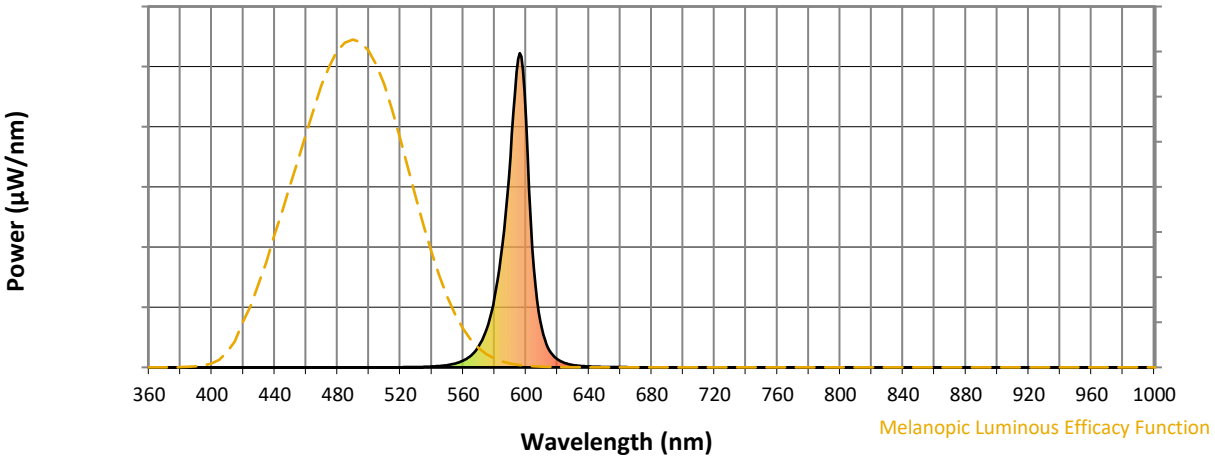


Scotopic Lumens: NR **S/P: 0.23**

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			

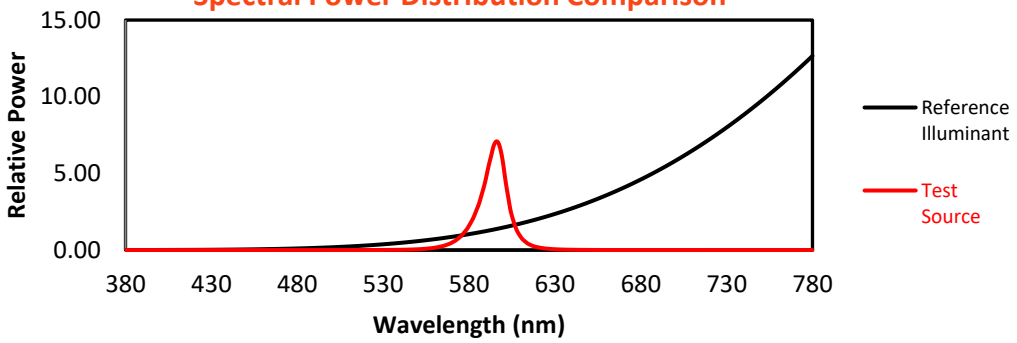
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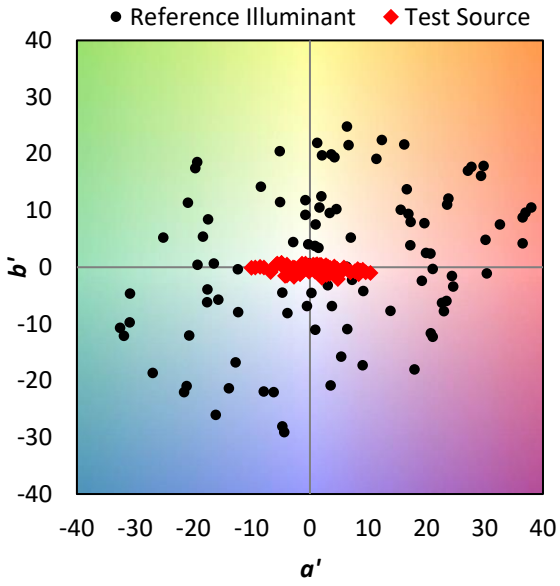
Summary

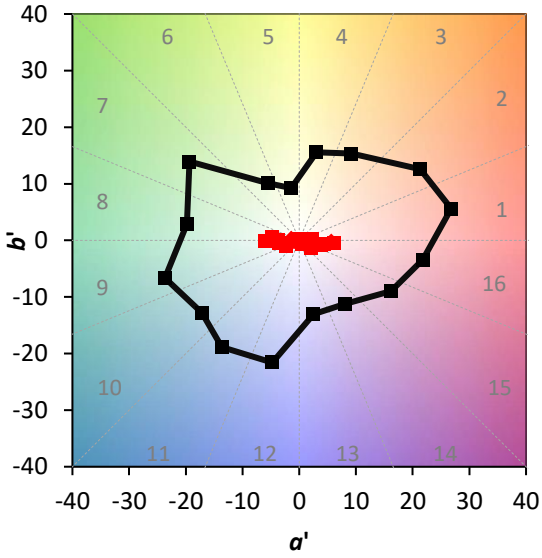
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

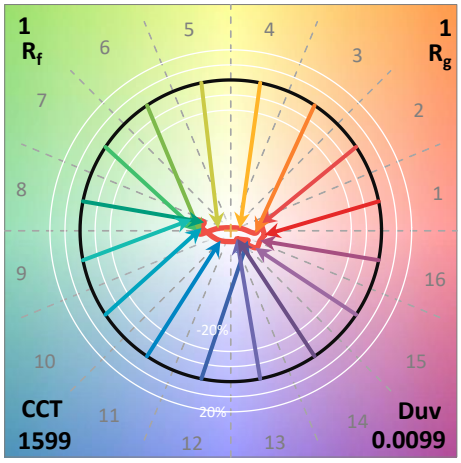
Spectral Power Distribution Comparison

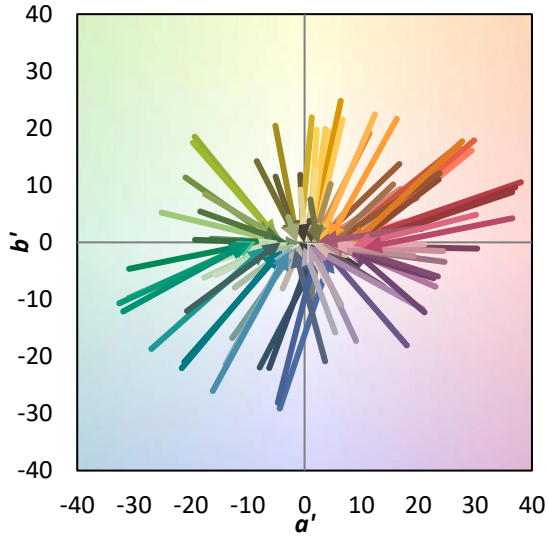


Color Vector Graphics







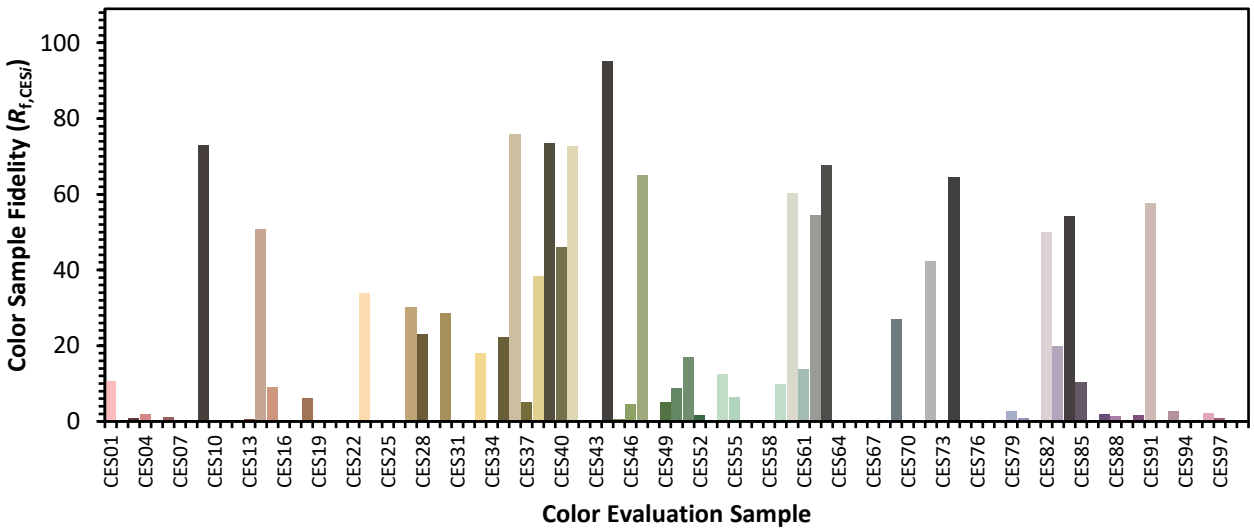


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Individual Sample Fidelity Index ($R_{f,i}$)

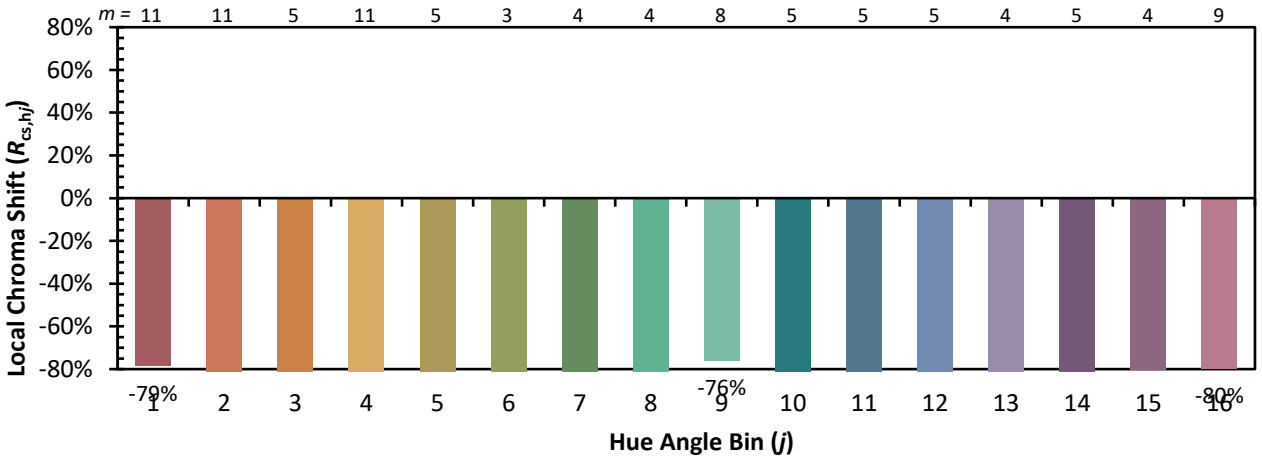
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

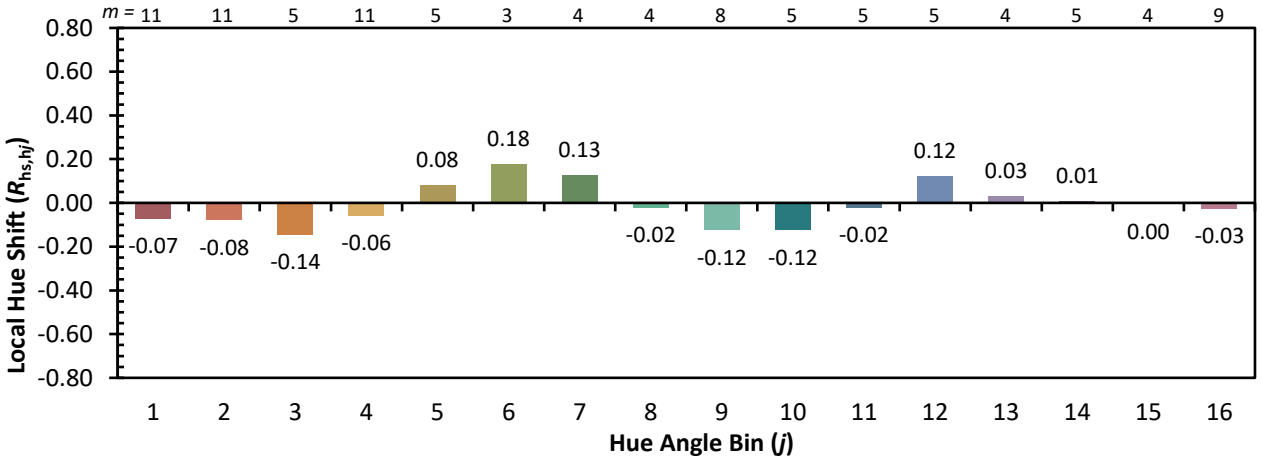


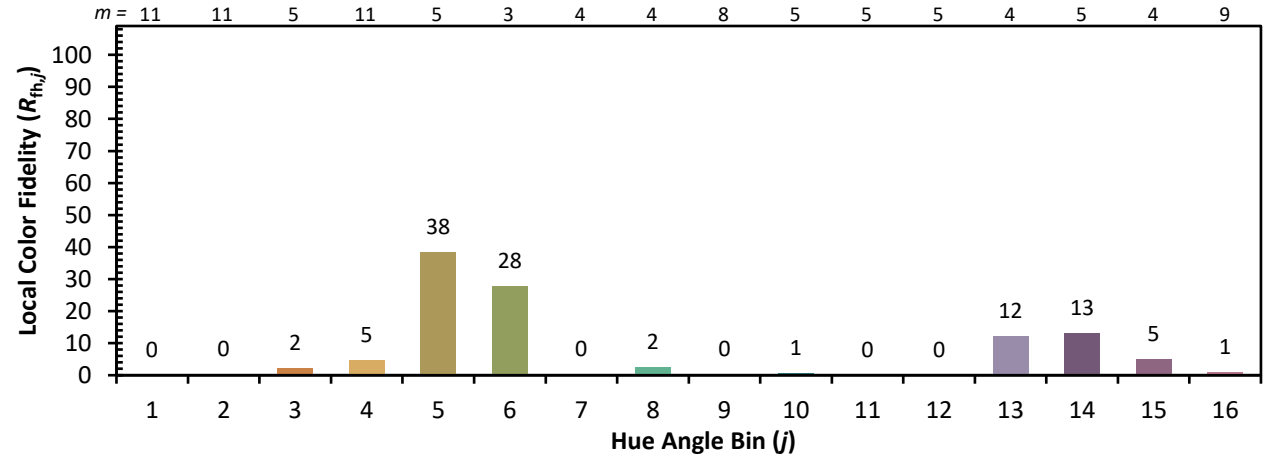
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Color Rendition by Hue-Angle Bin



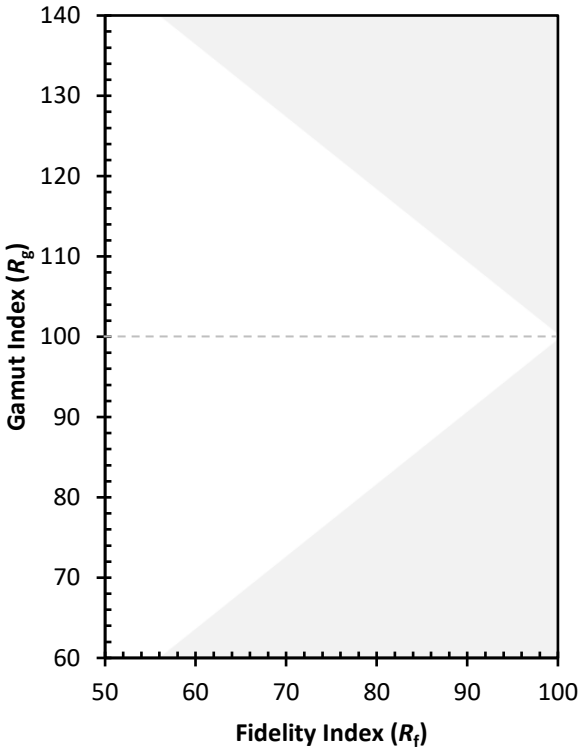


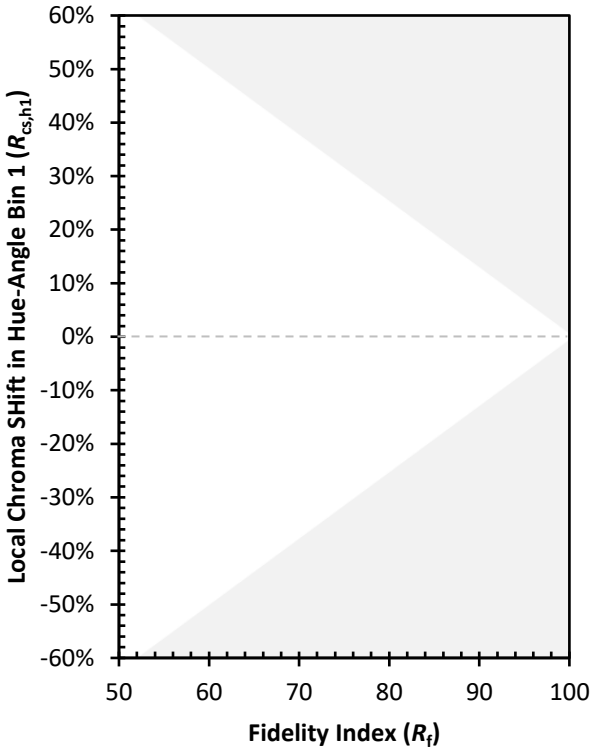


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Measure Comparisons





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