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-T2LG

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-T2LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9974.8 lumens
Efficiency:	N/A
Efficacy:	62.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - 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

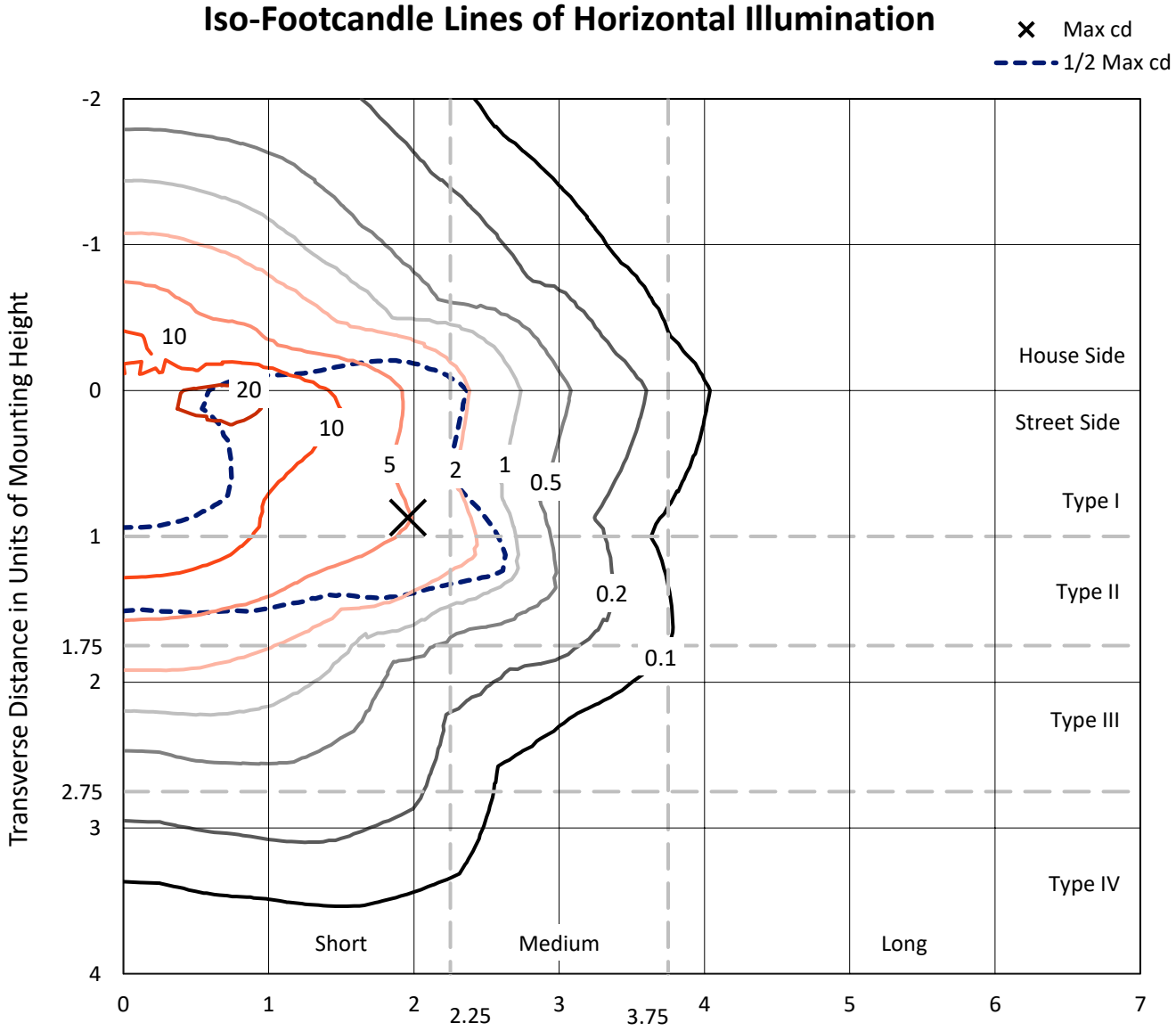


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



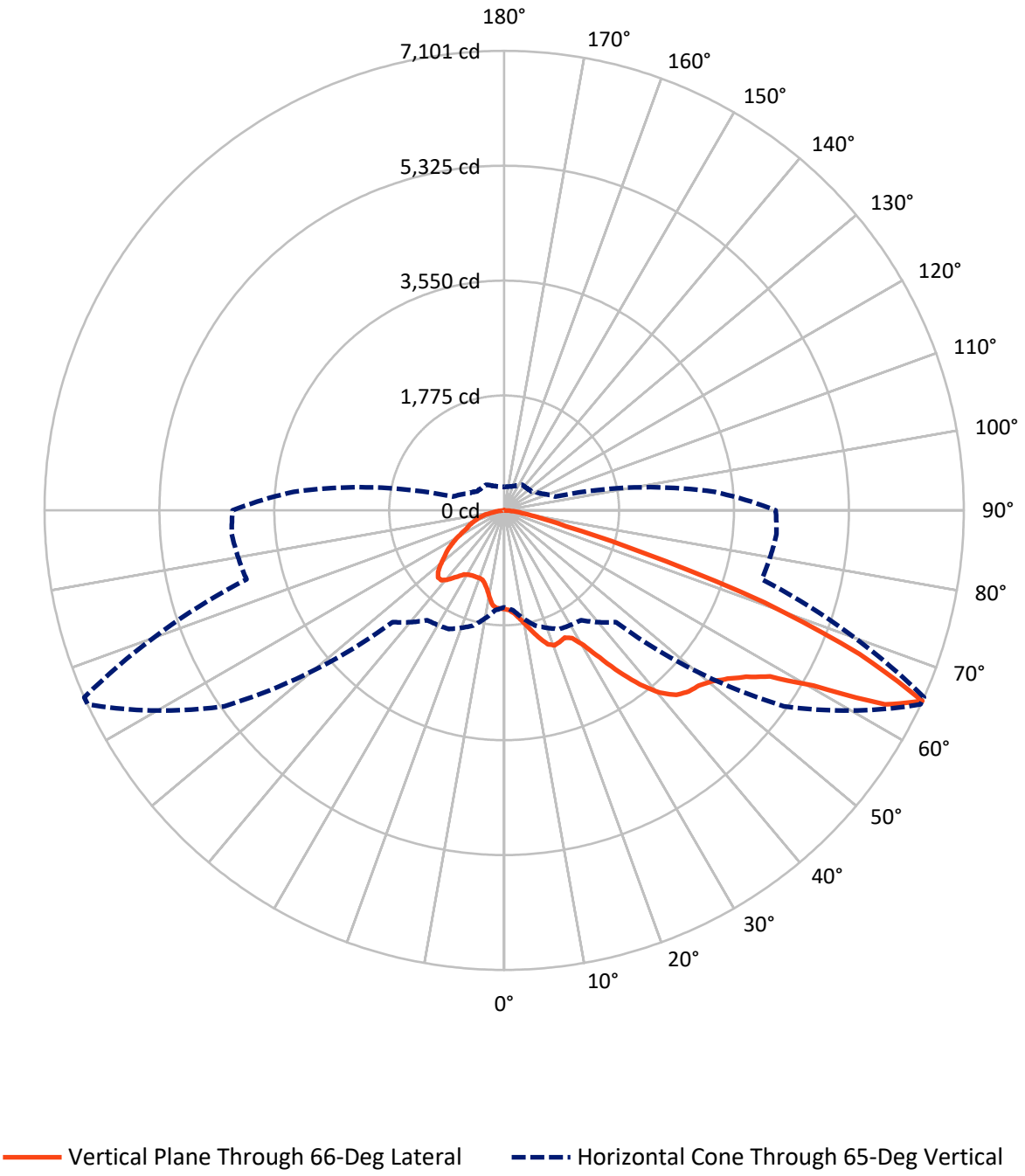
Based on 10 foot mounting height. Maximum calculated value = 23.7 fc
Type II - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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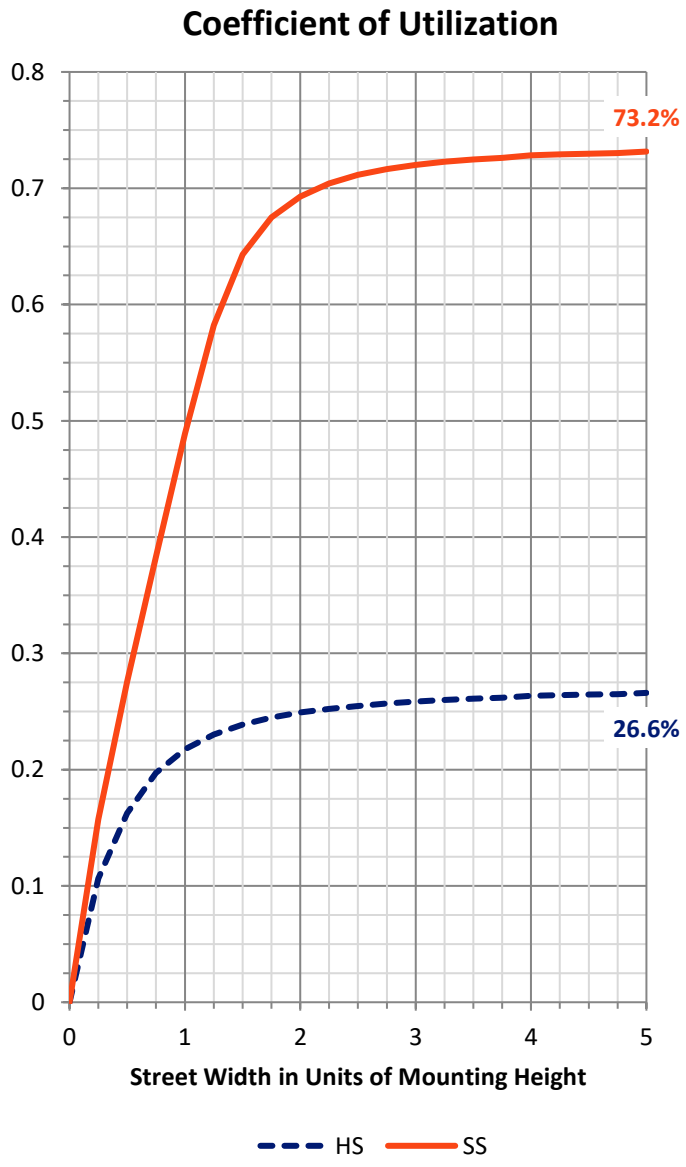
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2674.5	0.0	2674.5
	% Fixture	26.8	0.0	26.8
Street Side	Lumens	7300.2	0.0	7300.2
	% Fixture	73.2	0.0	73.2
Total	Lumens	9974.8	0.0	9974.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.6	1.4
10°-20°	409.3	4.1
20°-30°	758.0	7.6
30°-40°	1326.7	13.3
40°-50°	2047.0	20.5
50°-60°	2553.0	25.6
60°-70°	2026.6	20.3
70°-80°	626.5	6.3
80°-90°	87.9	0.9
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°	9974.8	100.0
0°-180°	9974.8	100.0



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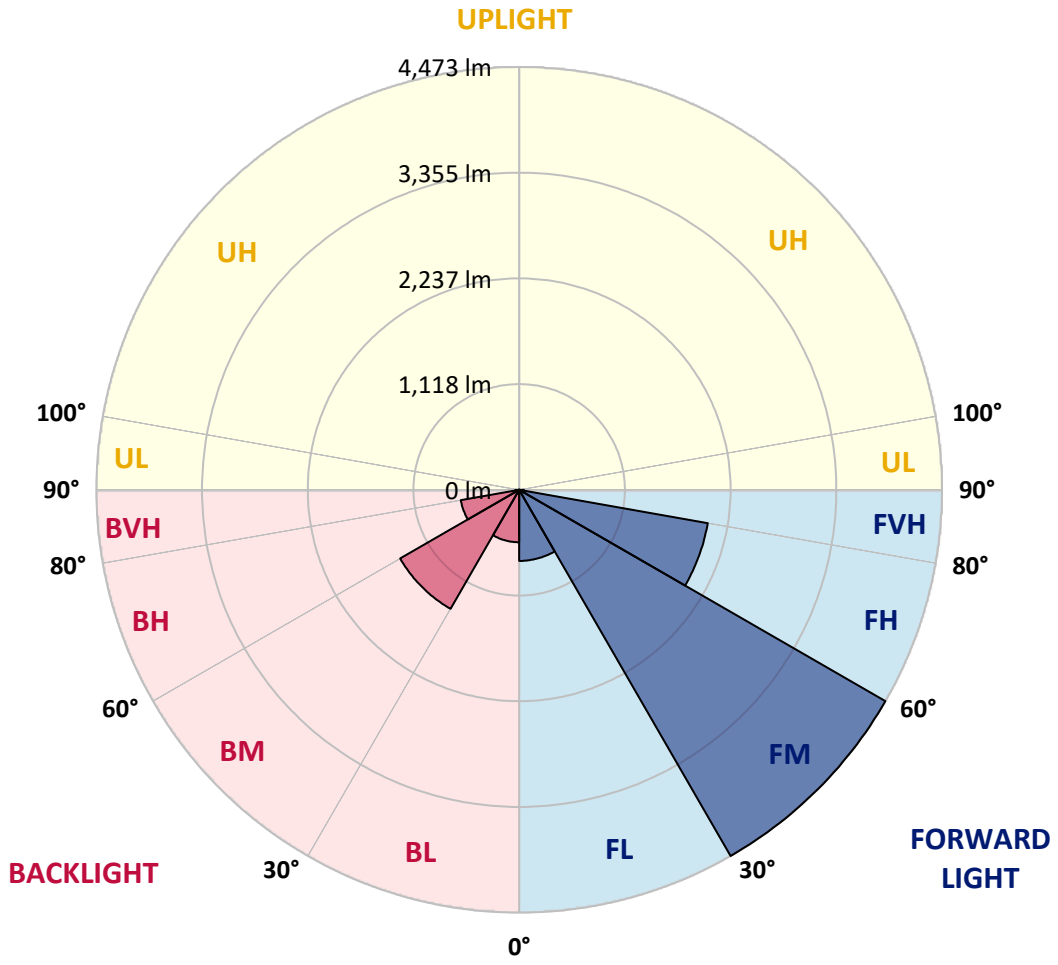
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	752.1	7.5			
FM	(30°-60°)	4473.5	44.8			
FH	(60°-80°)	2026.2	20.3			G2/5000
FVH	(80°-90°)	48.5	0.5			G1/100
BL	(0°-30°)	554.9	5.6	B2/1000		
BM	(30°-60°)	1453.2	14.6	B2/2500		
BH	(60°-80°)	627.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	39.4	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: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	*1525.2*	1525.2	1525.2
2.5°	1576.9	1576.9	1567.5	1567.5	1567.5	1562.8	1562.8	1553.4	*1544.0*	1553.4	1534.6
5°	1628.5	1623.8	1619.1	1619.1	1628.5	1623.8	1619.1	1609.7	*1595.6*	1600.3	1586.3
7.5°	1614.4	1614.4	1619.1	1642.6	1652.0	1675.4	1694.2	1689.5	*1680.1*	1680.1	1656.6
10°	1525.2	1525.2	1553.4	1609.7	1666.0	1717.7	1769.3	1792.7	*1788.1*	1792.7	1769.3
12.5°	1248.4	1239.0	1285.9	1398.5	1548.7	1731.7	1844.4	1905.4	*1914.8*	1933.5	1877.2
15°	1116.9	1112.3	1126.3	1154.5	1295.3	1548.7	1863.1	2041.5	*2046.2*	2093.1	2027.4
17.5°	1140.4	1135.7	1131.0	1140.4	1178.0	1346.9	1727.0	2163.5	*2172.9*	2290.2	2201.0
20°	1224.9	1215.5	1206.1	1182.6	1196.7	1276.5	1572.2	2191.7	*2224.5*	2506.1	2416.9
22.5°	1351.6	1342.2	1323.4	1300.0	1276.5	1309.4	1506.5	2140.0	*2205.7*	2764.2	2656.3
25°	1506.5	1501.8	1473.6	1431.4	1407.9	1426.7	1572.2	2107.2	*2177.6*	3036.4	2947.2
27.5°	1680.1	1670.7	1642.6	1600.3	1581.6	1581.6	1722.3	2168.2	*2233.9*	3299.2	3299.2
30°	1881.9	1853.8	1820.9	1783.4	1769.3	1802.1	1938.2	2379.4	*2416.9*	3576.1	3679.4
32.5°	2050.9	2050.9	2013.3	1985.2	1985.2	2046.2	2243.3	2665.7	*2707.9*	3834.2	4158.0
35°	2238.6	2219.8	2248.0	2201.0	2229.2	2351.2	2590.6	2998.9	*3069.3*	4064.2	4613.3
37.5°	2501.4	2515.5	2431.0	2407.5	2496.7	2661.0	2933.2	3379.0	*3411.8*	4308.2	5035.6
40°	2956.6	2923.8	2890.9	2731.4	2740.7	2970.7	3289.8	3670.0	*3702.8*	4434.9	5354.8
42.5°	3355.5	3369.6	3285.1	3163.1	3045.8	3228.8	3533.9	3871.8	*3899.9*	4505.3	5523.7
45°	3824.8	3810.8	3707.5	3613.6	3458.8	3449.4	3674.7	3956.2	*3993.8*	4538.2	5598.8
47.5°	4237.8	4242.5	4176.8	4068.9	3909.3	3712.2	3759.1	4026.6	*4045.4*	4575.7	5641.0
50°	4449.0	4439.6	4491.2	4519.4	4341.1	4068.9	3810.8	4120.5	*4153.3*	4716.5	5720.8
52.5°	4322.3	4312.9	4439.6	4646.1	4721.2	4477.2	3989.1	4294.1	*4322.3*	4894.9	5833.5
55°	3848.3	3843.6	4101.7	4486.6	4786.9	4946.5	4336.4	4500.6	*4538.2*	5045.0	5875.7
57.5°	3289.8	3247.6	3510.4	4003.2	4566.3	4988.7	4988.7	4843.2	*4843.2*	5279.7	5903.9
60°	2492.0	2506.1	2801.8	3158.4	4003.2	4608.6	5594.1	5472.1	*5495.6*	5209.3	5641.0
62.5°	1999.2	2018.0	2243.3	2370.0	2886.2	3885.8	5631.7	6804.9	*6603.1*	4894.9	5242.1
65°	*1497.1*	*1548.7*	*1839.7*	*2022.7*	*2069.6*	*2440.4*	*5275.0*	*7095.9*	*7100.6*	*4120.5*	*4223.7*
67.5°	985.5	999.6	1412.6	1703.6	1703.6	1407.9	3576.1	5960.2	*5922.6*	3017.6	3163.1
70°	713.3	741.5	999.6	1375.1	1379.8	957.4	1548.7	4369.2	*4270.7*	2088.4	2215.1
72.5°	492.8	506.8	704.0	1055.9	1131.0	694.6	854.1	2243.3	*2219.8*	1004.3	1346.9
75°	337.9	356.7	469.3	708.7	854.1	511.5	638.3	1009.0	*985.5*	581.9	821.3
77.5°	234.7	239.3	314.4	474.0	553.8	375.4	511.5	605.4	*610.1*	422.4	450.5
80°	178.3	192.4	230.0	291.0	380.1	248.7	319.1	342.6	*319.1*	253.4	225.3
82.5°	103.2	107.9	131.4	145.5	225.3	126.7	140.8	211.2	*211.2*	164.3	126.7
85°	37.5	42.2	51.6	56.3	84.5	42.2	46.9	89.2	*93.9*	84.5	37.5
87.5°	4.7	9.4	9.4	4.7	9.4	4.7	4.7	9.4	*9.4*	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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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2	1525.2
2.5°	1529.9	1534.6	1525.2	1515.9	1515.9	1501.8	1497.1	1492.4	1487.7	1487.7	1483.0
5°	1572.2	1567.5	1548.7	1511.2	1464.2	1365.7	1276.5	1182.6	1145.1	1121.6	1116.9
7.5°	1642.6	1619.1	1581.6	1459.5	1262.4	1093.5	1004.3	962.1	948.0	948.0	952.7
10°	1731.7	1713.0	1609.7	1332.8	1084.1	985.5	980.8	999.6	1018.4	1023.1	1023.1
12.5°	1839.7	1802.1	1605.0	1210.8	1018.4	1018.4	1055.9	1084.1	1102.9	1116.9	1107.6
15°	1989.9	1933.5	1586.3	1131.0	1032.5	1079.4	1116.9	1159.2	1173.3	1187.3	1182.6
17.5°	2140.0	2050.9	1553.4	1079.4	1070.0	1126.3	1168.6	1210.8	1224.9	1234.3	1234.3
20°	2327.8	2172.9	1497.1	1070.0	1102.9	1159.2	1206.1	1234.3	1253.0	1262.4	1257.7
22.5°	2534.2	2318.4	1445.5	1079.4	1121.6	1168.6	1206.1	1234.3	1262.4	1271.8	1276.5
25°	2787.7	2482.6	1370.4	1088.8	1112.3	1145.1	1187.3	1220.2	1248.4	1271.8	1271.8
27.5°	3050.5	2651.6	1342.2	1098.2	1079.4	1102.9	1149.8	1187.3	1229.6	1257.7	1267.1
30°	3393.1	2867.5	1356.3	1116.9	1046.6	1051.2	1088.8	1140.4	1187.3	1220.2	1229.6
32.5°	3806.1	3106.8	1403.2	1140.4	1013.7	999.6	1032.5	1074.7	1116.9	1140.4	1154.5
35°	4200.3	3379.0	1515.9	1201.4	1013.7	971.5	980.8	999.6	1018.4	1027.8	1046.6
37.5°	4542.9	3571.4	1605.0	1271.8	1051.2	957.4	933.9	933.9	929.2	924.5	938.6
40°	4772.8	3707.5	1652.0	1361.0	1107.6	952.7	887.0	868.2	840.1	816.6	826.0
42.5°	4871.4	3745.1	1666.0	1426.7	1131.0	933.9	844.7	797.8	755.6	736.8	741.5
45°	4913.6	3665.3	1633.2	1436.1	1121.6	901.1	802.5	750.9	699.3	666.4	657.0
47.5°	4894.9	3590.2	1572.2	1375.1	1065.3	863.5	760.3	689.9	652.3	633.6	628.9
50°	4955.9	3529.2	1534.6	1262.4	962.1	802.5	708.7	638.3	628.9	596.0	586.6
52.5°	5045.0	3604.3	1478.3	1140.4	863.5	741.5	661.7	605.4	577.2	567.9	567.9
55°	5181.1	3740.4	1417.3	1046.6	769.7	671.1	624.2	581.9	558.5	549.1	539.7
57.5°	5382.9	3899.9	1323.4	929.2	680.5	624.2	596.0	544.4	511.5	502.2	492.8
60°	5364.2	3975.0	1178.0	816.6	614.8	577.2	558.5	506.8	474.0	455.2	445.8
62.5°	5134.2	3838.9	990.2	699.3	563.2	535.0	516.2	469.3	417.7	394.2	389.5
65°	*4195.6*	*3266.4*	*816.6*	*614.8*	*511.5*	*488.1*	*483.4*	*417.7*	*380.1*	*366.1*	*361.4*
67.5°	3360.2	2778.3	699.3	563.2	455.2	445.8	431.8	394.2	389.5	375.4	375.4
70°	2440.4	1877.2	600.7	492.8	408.3	389.5	436.5	427.1	398.9	375.4	370.8
72.5°	1506.5	985.5	530.3	431.8	347.3	361.4	441.1	408.3	356.7	333.2	319.1
75°	919.8	624.2	455.2	370.8	281.6	305.0	394.2	352.0	295.7	276.9	267.5
77.5°	455.2	431.8	352.0	300.4	215.9	248.7	342.6	291.0	239.3	319.1	272.2
80°	230.0	244.0	230.0	173.6	150.2	183.0	253.4	225.3	178.3	230.0	159.6
82.5°	107.9	140.8	154.9	122.0	84.5	103.2	164.3	131.4	117.3	112.6	107.9
85°	32.9	51.6	65.7	56.3	32.9	37.5	75.1	65.7	79.8	65.7	65.7
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	9.4	4.7	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

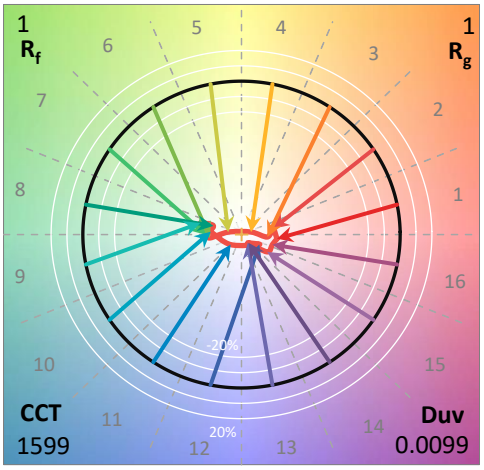
Test Information

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

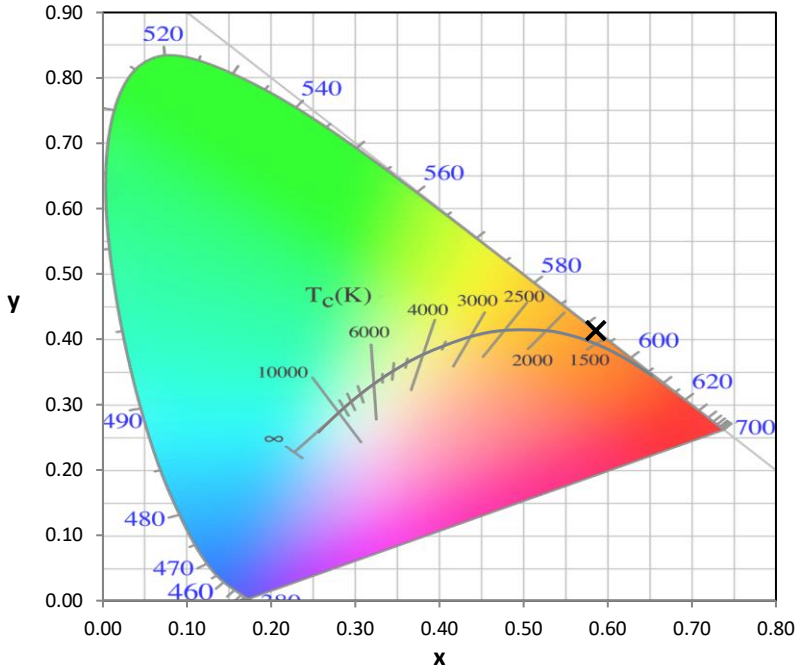
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

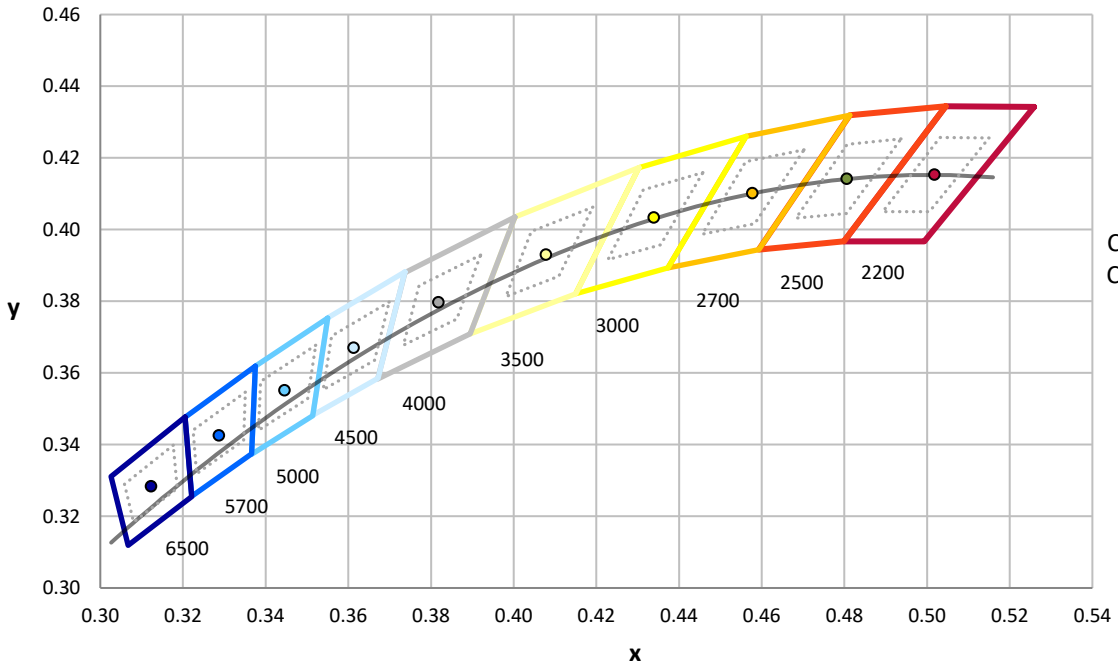
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

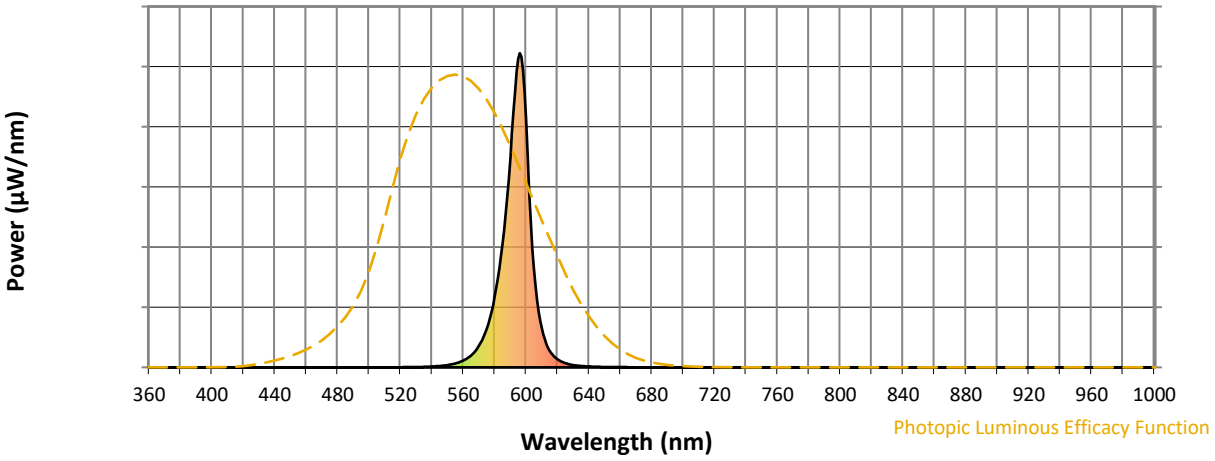


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

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Photopic Flux vs. Wavelength

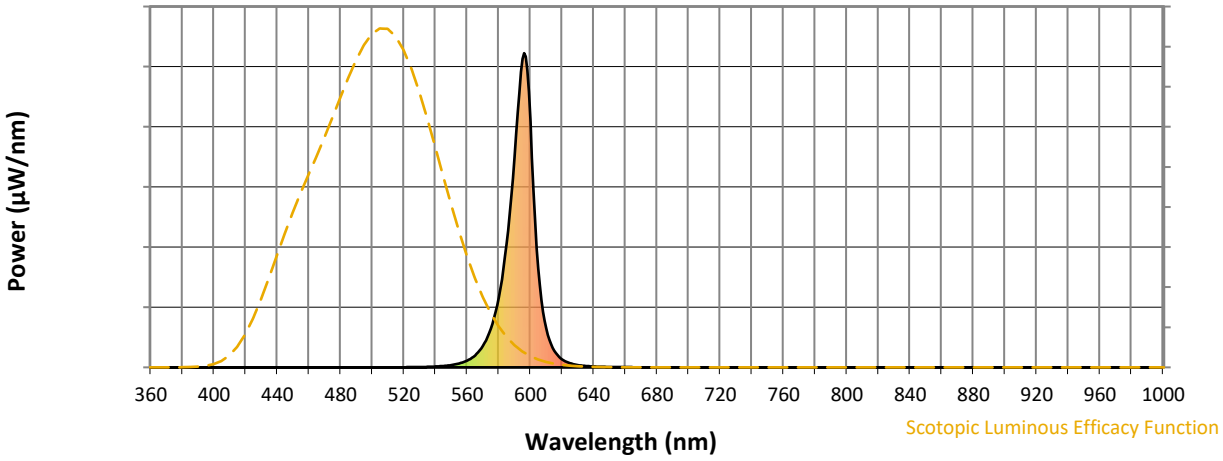


Photopic Lumens: NR

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

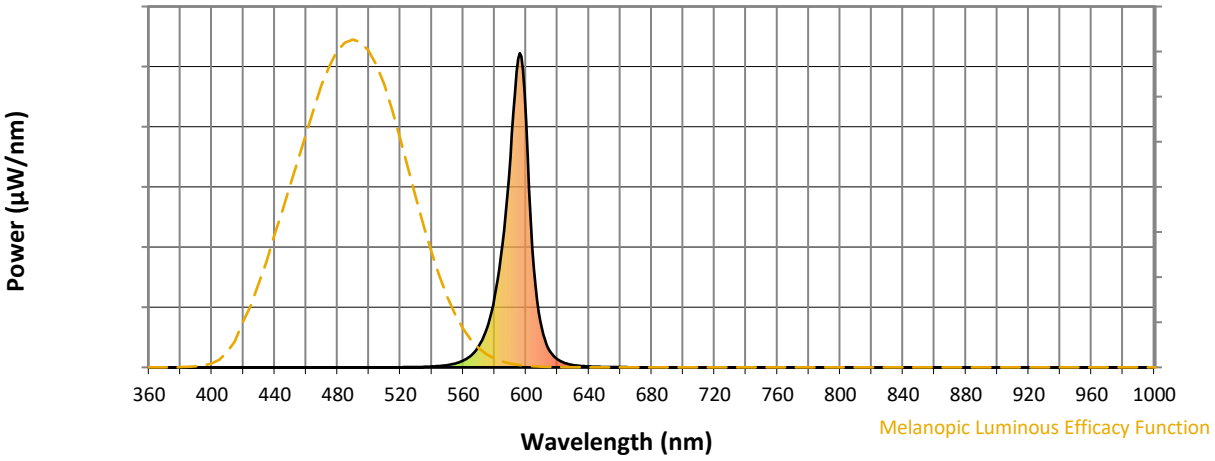


Scotopic Lumens: NR **S/P: 0.23**

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			

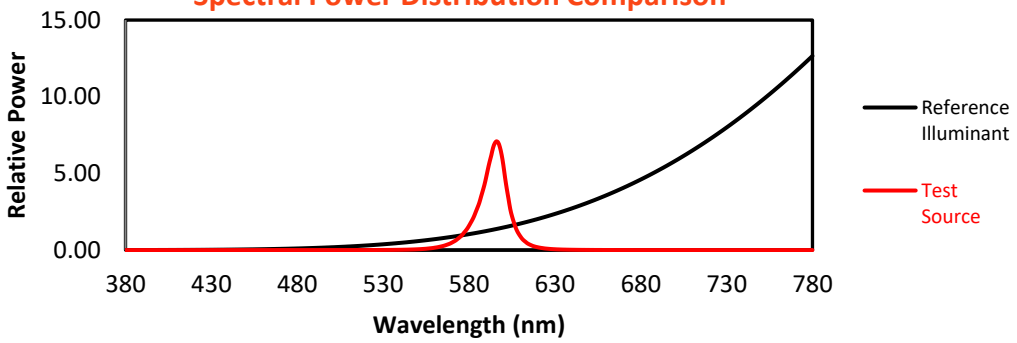
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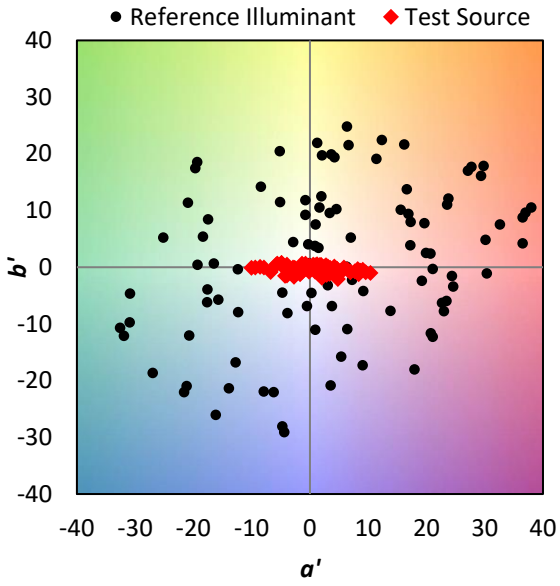
Summary

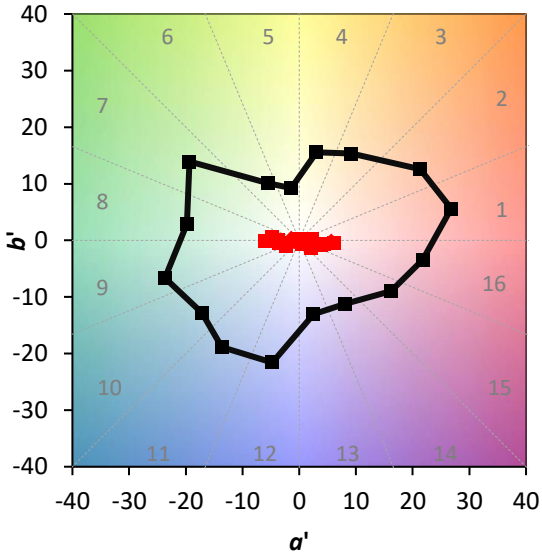
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

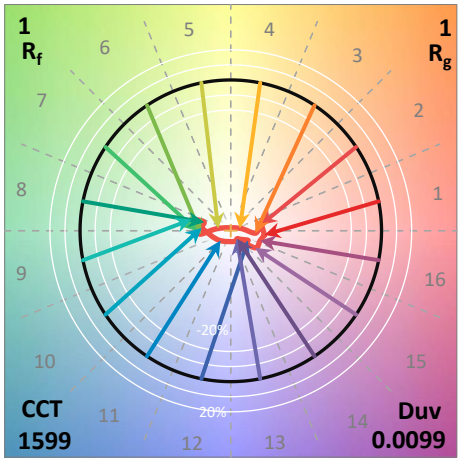
Spectral Power Distribution Comparison

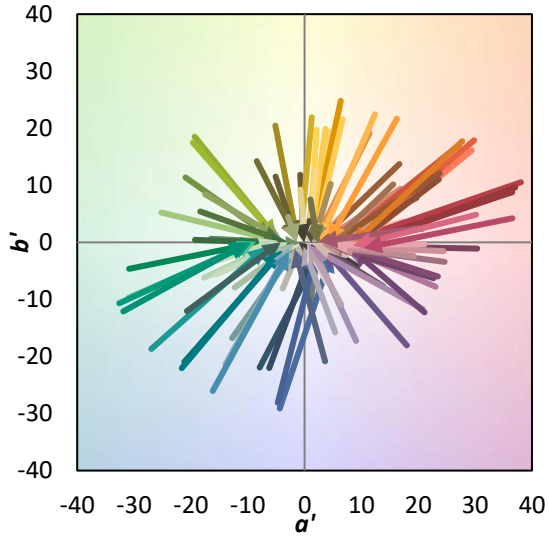


Color Vector Graphics







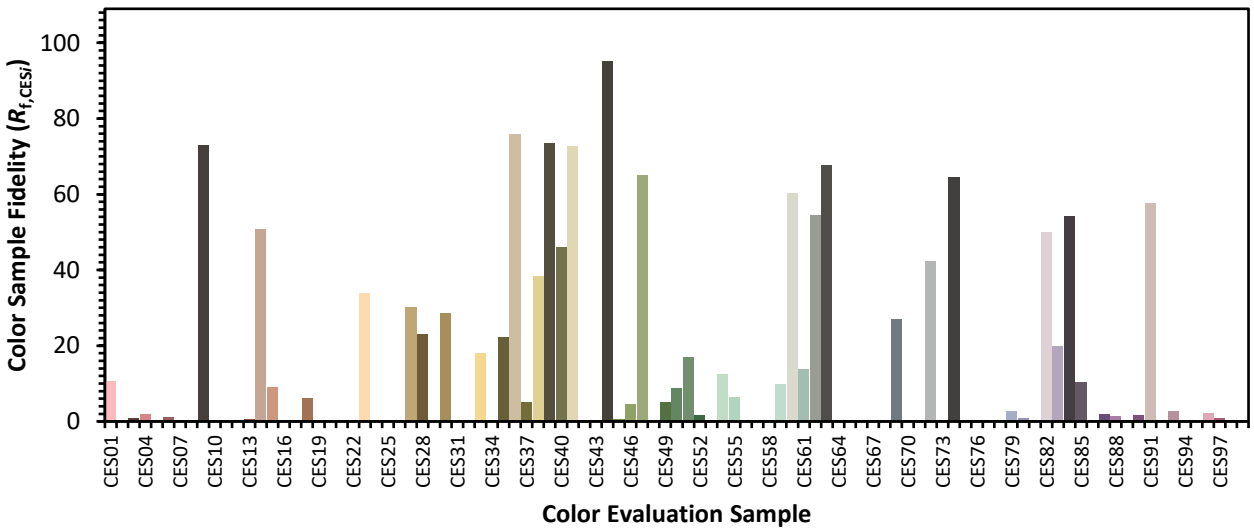


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Individual Sample Fidelity Index ($R_{f,i}$)

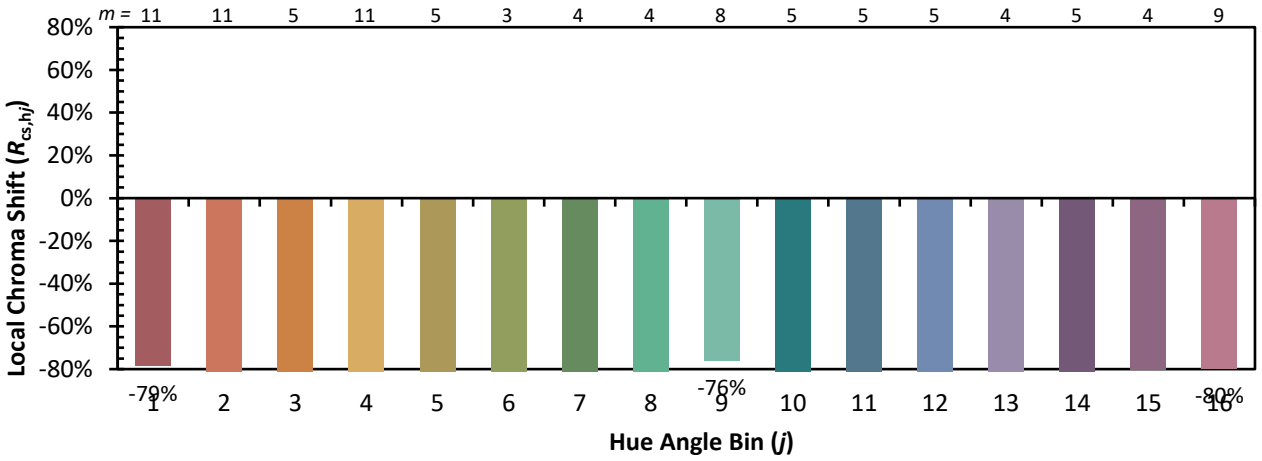
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

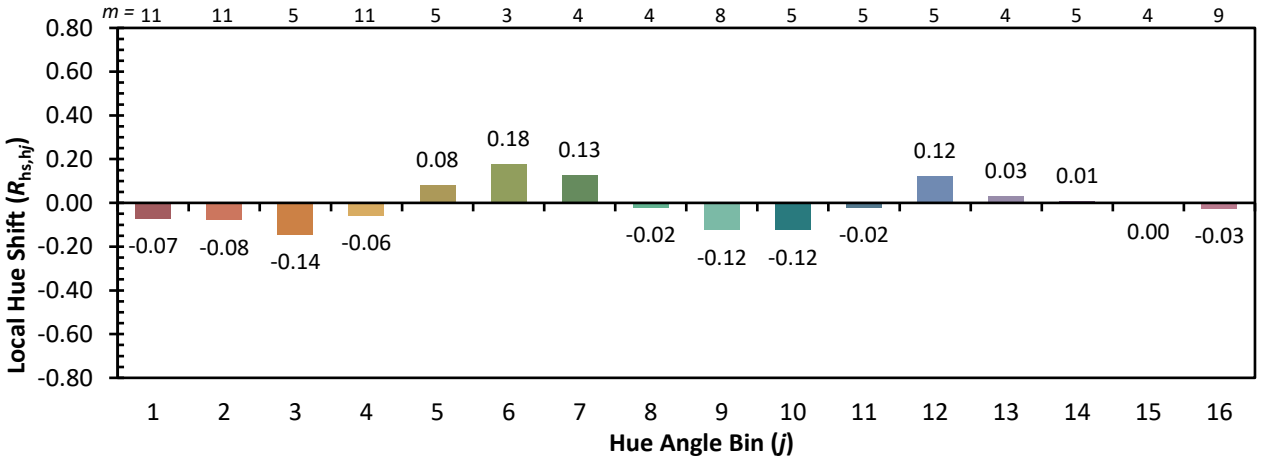


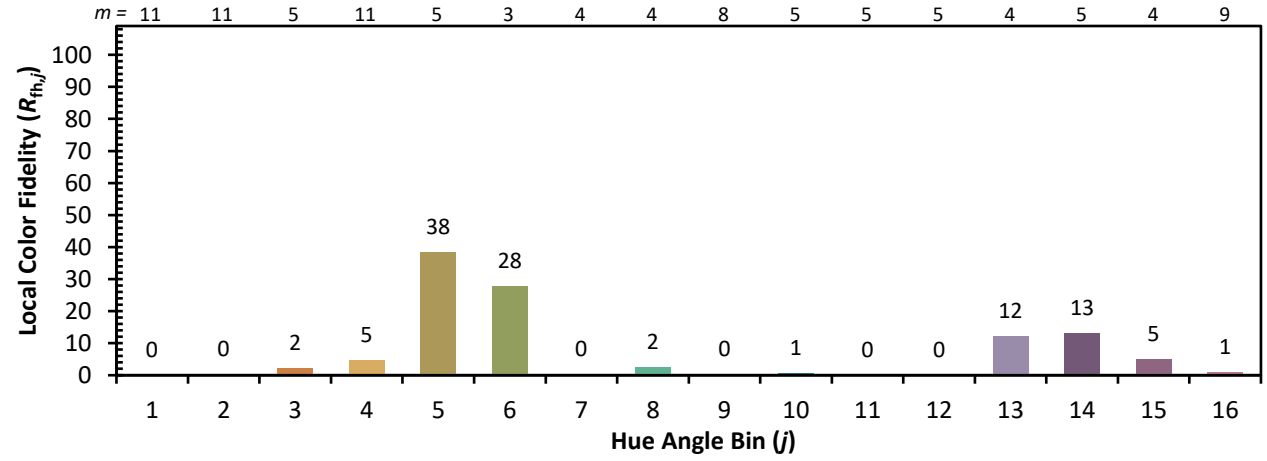
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Color Rendition by Hue-Angle Bin



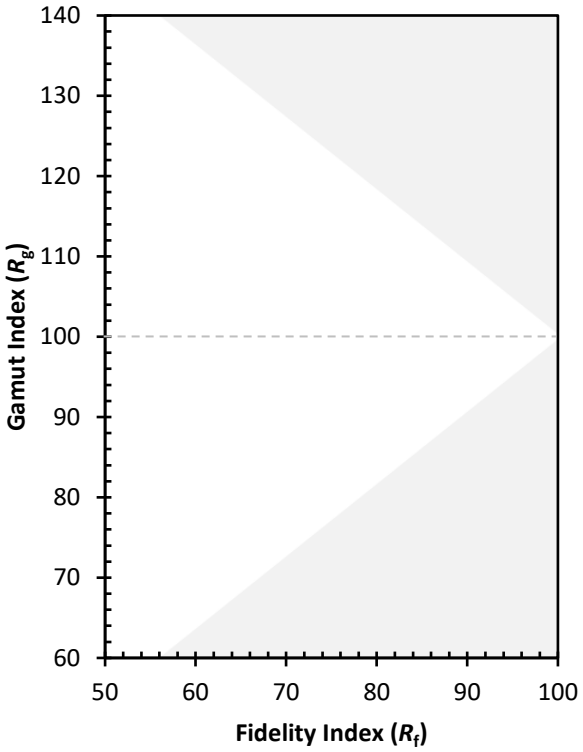


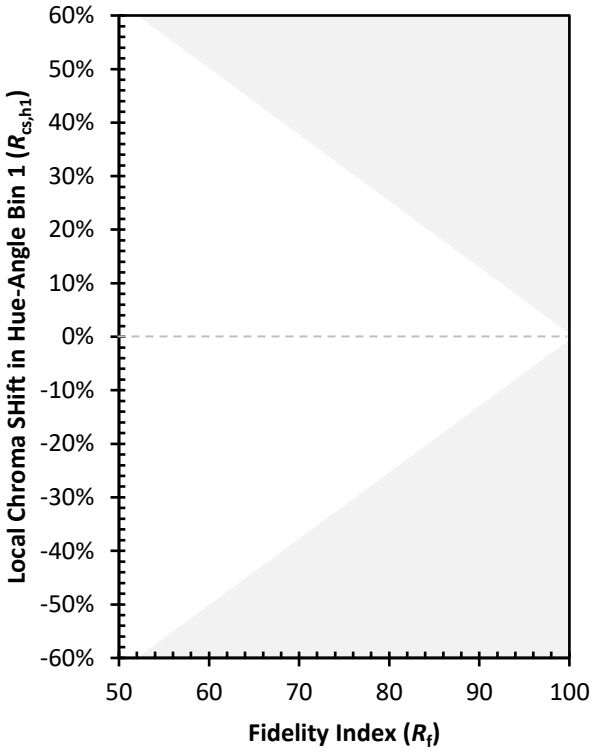


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Measure Comparisons





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