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-T2

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

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9923.3 lumens
Efficiency:	N/A
Efficacy:	61.8 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

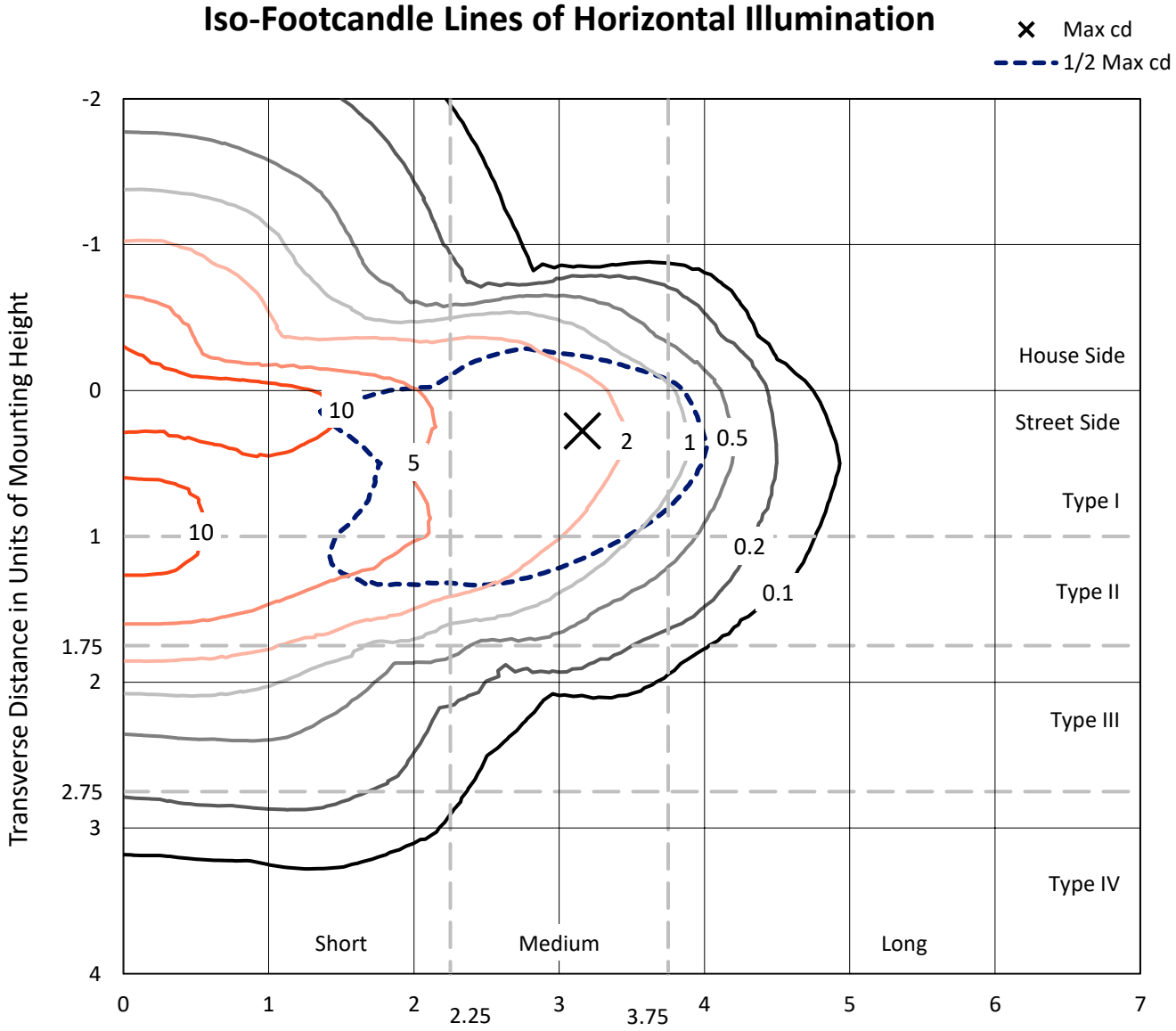


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2

Iso-Footcandle Lines of Horizontal Illumination



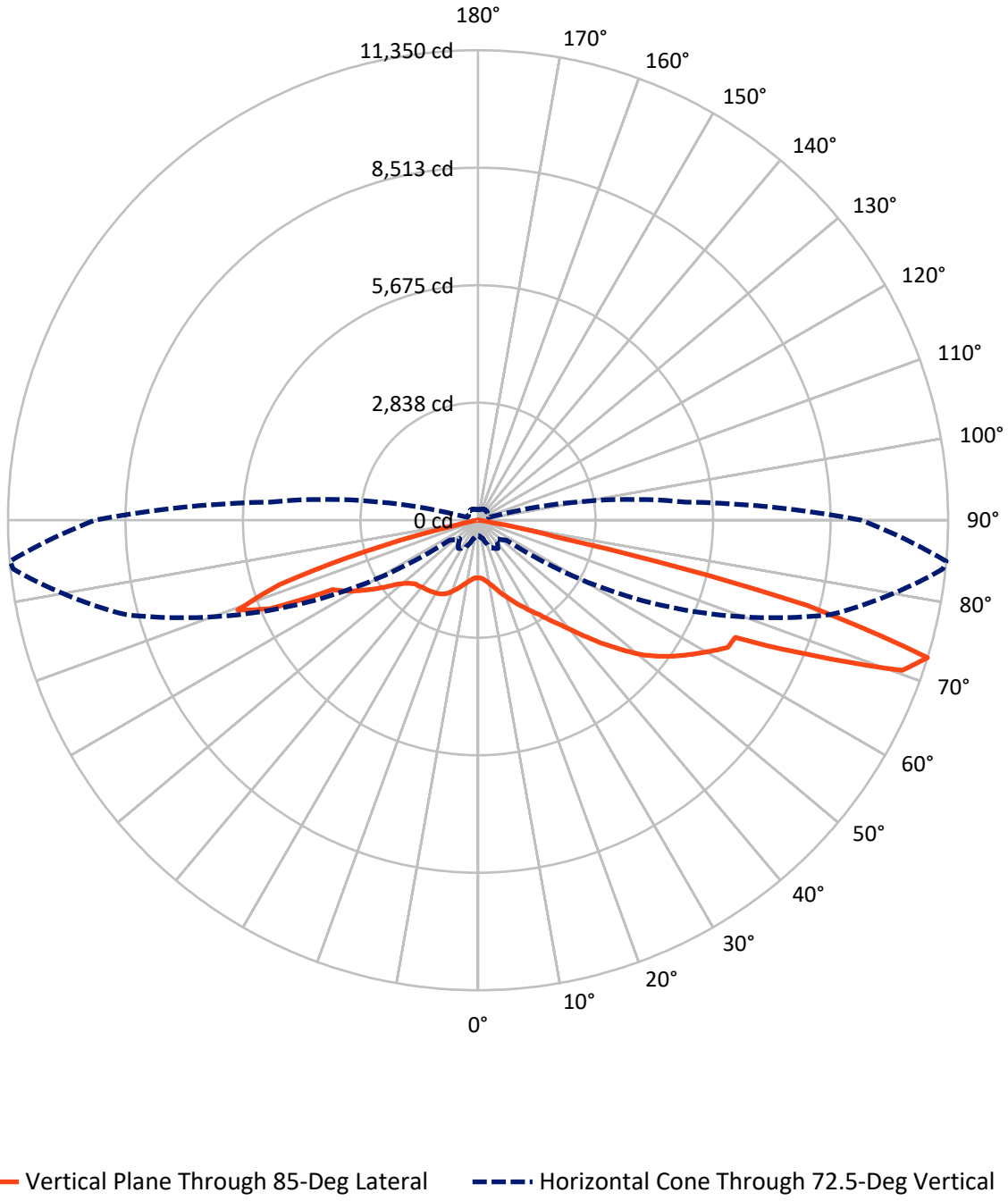
Based on 10 foot mounting height. Maximum calculated value = 16 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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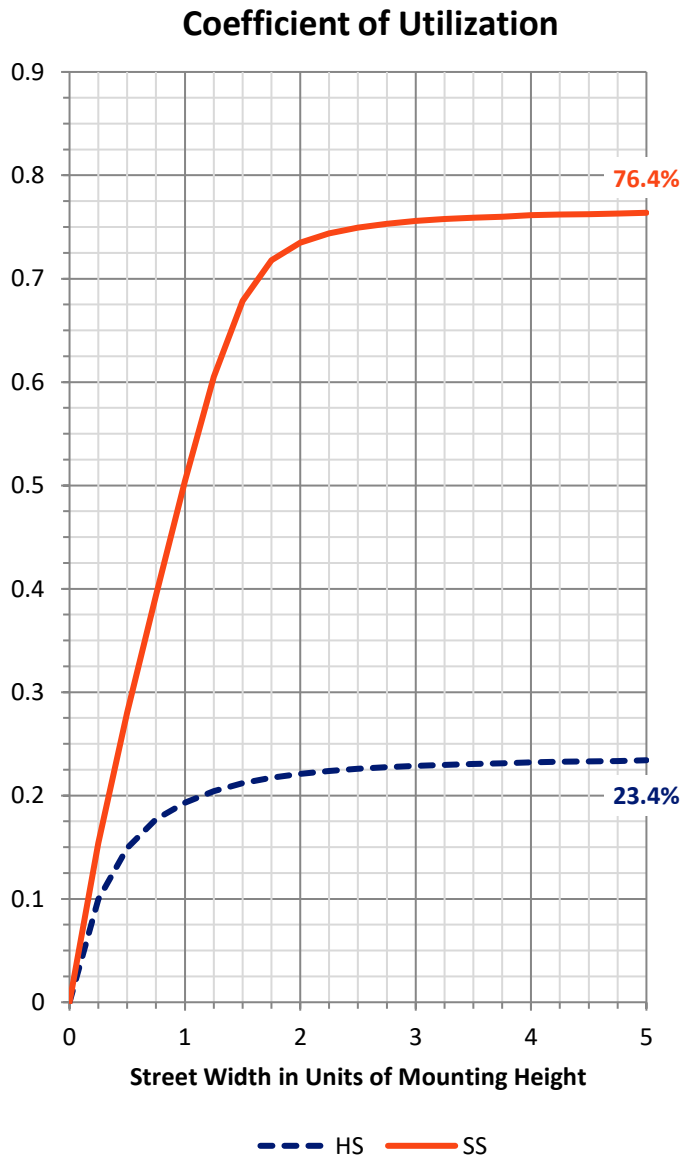
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2341.6	0.0	2341.6
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	7581.7	0.0	7581.7
	% Fixture	76.4	0.0	76.4
Total	Lumens	9923.3	0.0	9923.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.0	1.3
10°-20°	375.8	3.8
20°-30°	622.7	6.3
30°-40°	940.9	9.5
40°-50°	1552.2	15.6
50°-60°	2374.1	23.9
60°-70°	2520.0	25.4
70°-80°	1337.2	13.5
80°-90°	69.5	0.7
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°	9923.3	100.0
0°-180°	9923.3	100.0



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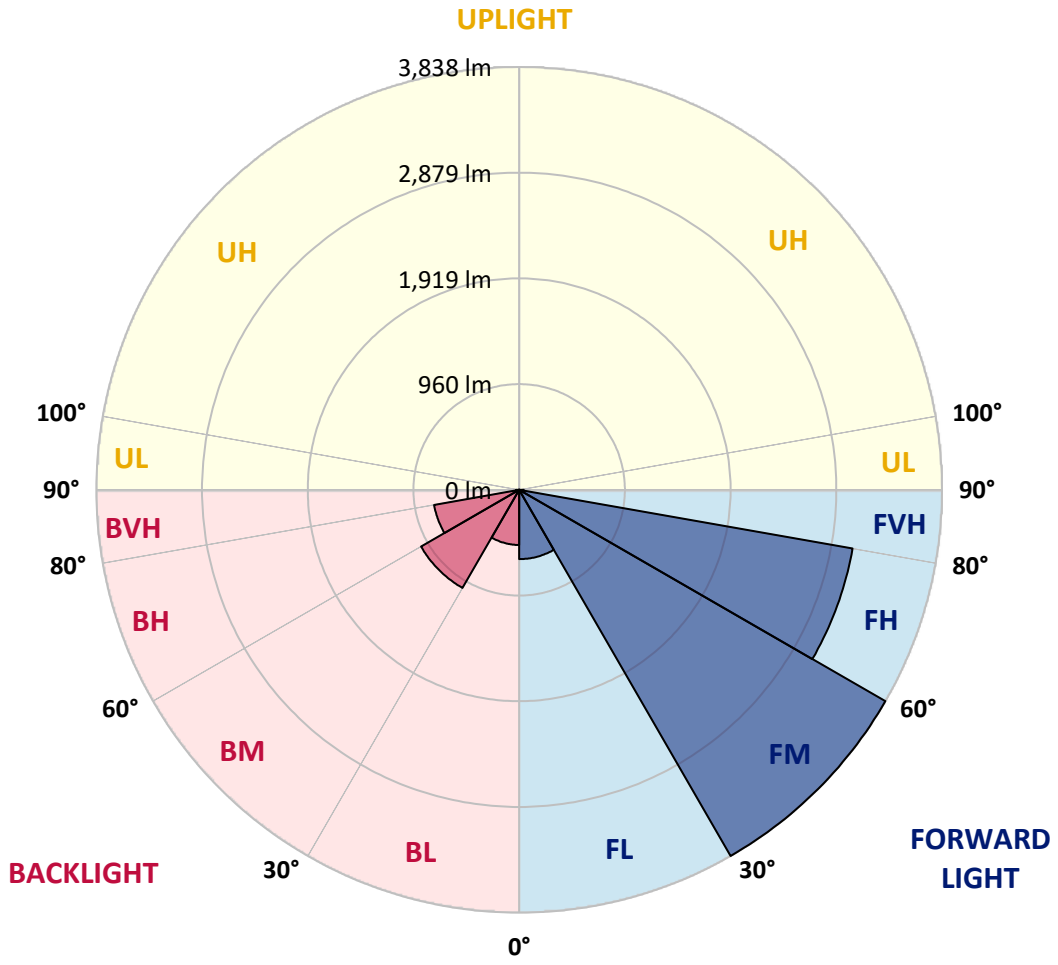
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	629.0	6.3			
FM	(30°-60°)	3838.5	38.7			
FH	(60°-80°)	3073.1	31.0			G2/5000
FVH	(80°-90°)	41.1	0.4			G1/100
BL	(0°-30°)	500.4	5.0	B2/1000		
BM	(30°-60°)	1028.7	10.4	B2/2500		
BH	(60°-80°)	784.1	7.9	B2/1000		G2/1000
BVH	(80°-90°)	28.5	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°	84°	85°
0°	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	*1394.1*
2.5°	1441.1	1436.4	1427.0	1431.7	1427.0	1417.6	1417.6	1412.9	1403.5	1403.5	*1398.8*
5°	1441.1	1445.7	1441.1	1441.1	1455.1	1459.8	1459.8	1464.5	1450.4	1436.4	*1436.4*
7.5°	1427.0	1427.0	1431.7	1441.1	1464.5	1478.6	1497.4	1520.8	1511.5	1492.7	*1488.0*
10°	1319.0	1319.0	1347.2	1384.7	1441.1	1492.7	1530.2	1572.5	1591.3	1563.1	*1563.1*
12.5°	1150.0	1154.7	1178.2	1234.5	1333.1	1441.1	1553.7	1624.1	1652.3	1652.3	*1642.9*
15°	1107.8	1103.1	1107.8	1140.6	1201.7	1323.7	1525.5	1671.1	1746.2	1760.2	*1746.2*
17.5°	1107.8	1107.8	1107.8	1121.9	1154.7	1239.2	1450.4	1718.0	1863.5	1868.2	*1872.9*
20°	1135.9	1131.2	1135.9	1145.3	1159.4	1215.7	1375.3	1727.4	1962.1	1990.2	*1976.2*
22.5°	1182.9	1178.2	1173.5	1178.2	1192.3	1220.4	1361.3	1703.9	2060.7	2121.7	*2107.6*
25°	1267.4	1262.7	1253.3	1243.9	1239.2	1267.4	1370.6	1685.1	2178.0	2267.2	*2253.1*
27.5°	1370.6	1375.3	1356.6	1337.8	1319.0	1333.1	1412.9	1699.2	2271.9	2422.1	*2384.5*
30°	1525.5	1511.5	1497.4	1459.8	1431.7	1417.6	1488.0	1760.2	2370.5	2581.7	*2553.5*
32.5°	1694.5	1694.5	1671.1	1619.4	1563.1	1534.9	1586.6	1844.7	2454.9	2774.1	*2717.8*
35°	1971.5	1962.1	1924.5	1821.3	1736.8	1671.1	1713.3	1957.4	2577.0	2985.4	*2947.8*
37.5°	2304.7	2276.6	2224.9	2074.7	1943.3	1849.4	1877.6	2098.2	2708.4	3252.9	*3187.2*
40°	2586.4	2586.4	2530.1	2375.2	2196.8	2070.0	2065.3	2290.7	2882.1	3590.9	*3497.0*
42.5°	2919.7	2905.6	2830.5	2670.9	2487.8	2342.3	2300.0	2534.7	3140.3	3961.7	*3863.1*
45°	3252.9	3262.3	3168.4	2990.1	2778.8	2619.2	2581.7	2830.5	3445.4	4384.2	*4262.1*
47.5°	3633.1	3614.4	3567.4	3342.1	3102.7	2929.0	2924.3	3149.7	3797.4	4830.1	*4670.5*
50°	4093.1	4093.1	4032.1	3797.4	3511.1	3281.1	3229.5	3492.3	4158.9	5247.9	*5102.4*
52.5°	4290.3	4327.8	4393.6	4318.5	4032.1	3689.5	3562.7	3830.3	4501.5	5623.4	*5459.1*
55°	4116.6	4140.1	4417.0	4557.9	4604.8	4229.3	3881.9	4177.6	4834.8	5905.0	*5792.4*
57.5°	3614.4	3651.9	3989.9	4398.3	4773.8	4877.0	4398.3	4487.4	5121.1	6191.4	*6102.2*
60°	2530.1	2600.5	3065.2	3839.7	4520.3	5135.2	5445.0	4914.6	5402.8	6444.8	*6430.7*
62.5°	1502.1	1553.7	1802.5	2384.5	3633.1	4933.4	6289.9	5998.9	5698.5	6745.2	*6768.7*
65°	1103.1	1121.9	1370.6	1619.4	1971.5	3788.0	6529.3	7665.3	5998.9	6670.1	*6825.0*
67.5°	769.8	812.1	1004.5	1314.3	1333.1	1774.3	5149.3	8360.0	7670.0	8374.1	*8693.2*
70°	535.1	558.6	727.6	1018.6	1060.8	859.0	2530.1	7712.2	9716.5	10617.8	*10861.9*
72.5°	*370.8*	*380.2*	*469.4*	*727.6*	*835.5*	*624.3*	*835.5*	*4830.1*	*8810.6*	*11284.3*	*11350.0*
75°	244.1	253.5	319.2	469.4	563.3	441.2	427.2	1830.7	5243.2	8467.9	*8209.8*
77.5°	178.4	183.1	230.0	328.6	352.0	295.7	291.0	553.9	1530.2	2018.4	*1971.5*
80°	131.4	140.8	154.9	211.2	239.4	187.8	173.7	234.7	356.7	361.4	*352.0*
82.5°	79.8	89.2	108.0	112.7	131.4	117.3	98.6	140.8	173.7	159.6	*150.2*
85°	28.2	28.2	42.2	56.3	56.3	46.9	46.9	65.7	75.1	65.7	*61.0*
87.5°	4.7	4.7	4.7	4.7	4.7	9.4	14.1	18.8	23.5	23.5	*28.2*
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-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1
2.5°	1394.1	1389.4	1389.4	1370.6	1365.9	1351.9	1337.8	1337.8	1328.4	1328.4	1323.7
5°	1427.0	1412.9	1389.4	1356.6	1328.4	1286.1	1262.7	1243.9	1229.8	1220.4	1229.8
7.5°	1473.9	1459.8	1412.9	1356.6	1295.5	1243.9	1197.0	1159.4	1140.6	1135.9	1135.9
10°	1544.3	1511.5	1445.7	1365.9	1267.4	1173.5	1131.2	1112.5	1103.1	1103.1	1098.4
12.5°	1614.7	1577.2	1488.0	1351.9	1192.3	1117.2	1098.4	1098.4	1103.1	1107.8	1112.5
15°	1703.9	1652.3	1525.5	1267.4	1112.5	1084.3	1093.7	1107.8	1126.6	1135.9	1131.2
17.5°	1816.6	1736.8	1520.8	1164.1	1060.8	1070.2	1103.1	1131.2	1164.1	1168.8	1173.5
20°	1919.8	1807.2	1450.4	1060.8	1023.3	1056.1	1103.1	1145.3	1168.8	1182.9	1182.9
22.5°	2023.1	1896.4	1337.8	995.1	985.7	1028.0	1084.3	1131.2	1150.0	1159.4	1154.7
25°	2135.8	1952.7	1215.7	924.7	929.4	981.0	1032.7	1084.3	1112.5	1117.2	1117.2
27.5°	2229.6	1994.9	1084.3	859.0	877.8	924.7	971.7	1018.6	1042.1	1056.1	1070.2
30°	2337.6	2027.8	948.2	793.3	816.8	859.0	896.5	929.4	957.6	971.7	976.3
32.5°	2487.8	2046.6	840.2	741.6	765.1	802.7	826.1	844.9	859.0	849.6	849.6
35°	2633.3	2070.0	760.4	699.4	722.9	751.0	769.8	769.8	755.7	732.3	741.6
37.5°	2807.0	2088.8	704.1	671.2	704.1	722.9	713.5	708.8	708.8	685.3	690.0
40°	3004.1	2098.2	675.9	666.5	699.4	704.1	685.3	685.3	708.8	685.3	685.3
42.5°	3267.0	2140.5	661.9	675.9	704.1	694.7	661.9	666.5	685.3	638.4	633.7
45°	3539.3	2154.5	661.9	685.3	708.8	690.0	638.4	633.7	638.4	596.1	591.4
47.5°	3844.4	2239.0	685.3	694.7	708.8	675.9	619.6	614.9	605.5	577.4	572.7
50°	4111.9	2347.0	737.0	694.7	680.6	647.8	614.9	605.5	582.1	535.1	530.4
52.5°	4407.6	2516.0	816.8	680.6	629.0	614.9	610.2	591.4	549.2	525.7	521.0
55°	4731.5	2788.2	882.5	652.5	577.4	596.1	610.2	553.9	502.3	483.5	474.1
57.5°	5055.4	3060.5	901.2	605.5	530.4	582.1	563.3	492.9	474.1	460.0	450.6
60°	5393.4	3356.2	868.4	530.4	497.6	558.6	502.3	474.1	450.6	427.2	427.2
62.5°	5722.0	3642.5	755.7	445.9	478.8	506.9	474.1	445.9	417.8	399.0	399.0
65°	5848.7	3896.0	577.4	394.3	441.2	450.6	436.5	413.1	384.9	366.1	366.1
67.5°	7716.9	5468.5	408.4	356.7	380.2	403.7	403.7	380.2	347.4	328.6	323.9
70°	9378.6	6196.0	323.9	309.8	333.3	347.4	361.4	333.3	305.1	291.0	291.0
72.5°	*9251.8*	*5031.9*	*272.3*	*258.2*	*272.3*	*300.4*	*300.4*	*295.7*	*272.3*	*258.2*	*253.5*
75°	6529.3	2835.2	220.6	215.9	225.3	230.0	258.2	258.2	234.7	225.3	215.9
77.5°	1417.6	577.4	159.6	164.3	169.0	187.8	206.5	215.9	201.8	220.6	192.5
80°	272.3	187.8	117.3	112.7	112.7	136.1	159.6	164.3	150.2	159.6	131.4
82.5°	126.7	103.3	75.1	70.4	65.7	84.5	103.3	108.0	103.3	89.2	84.5
85°	51.6	46.9	37.6	37.6	32.9	37.6	46.9	46.9	37.6	37.6	37.6
87.5°	23.5	18.8	14.1	9.4	4.7	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

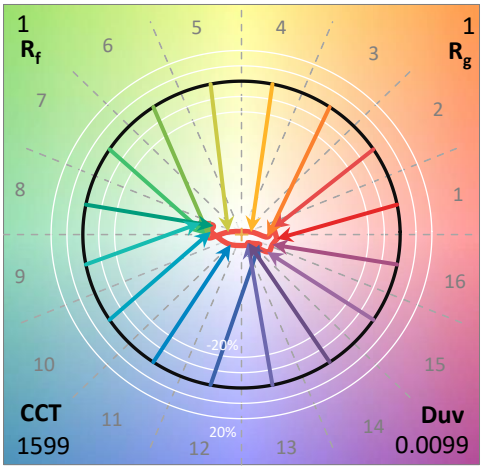
Test Information

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

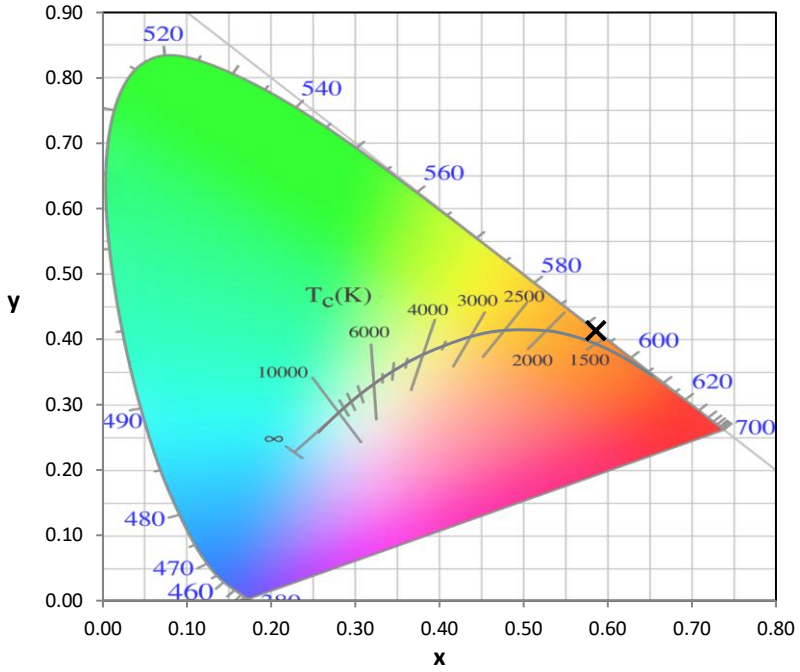
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

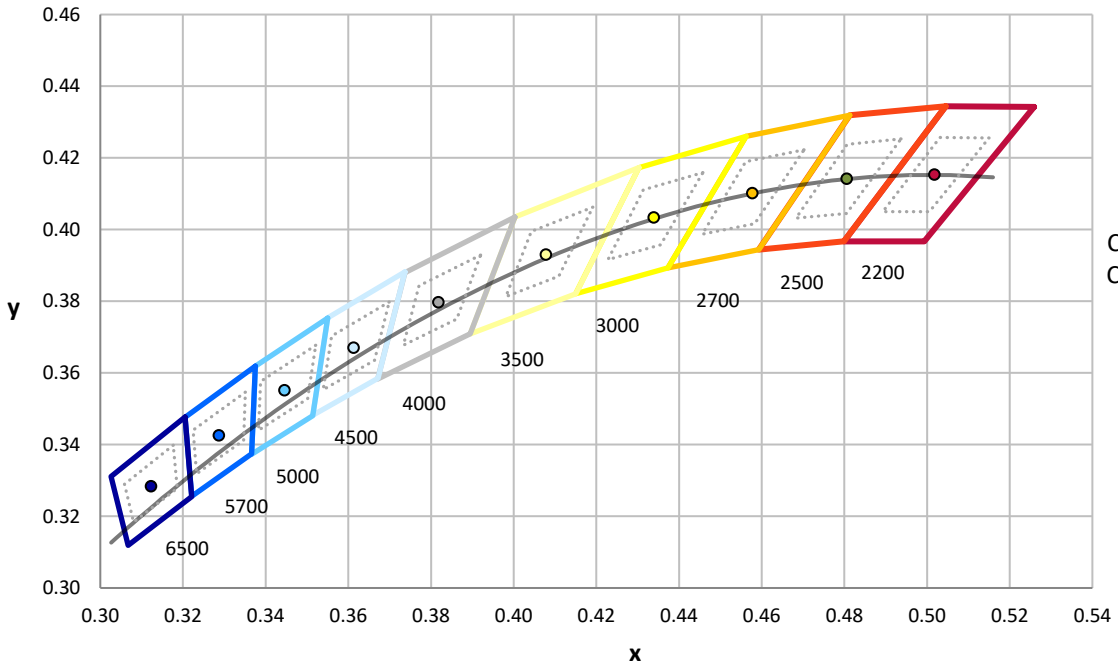
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

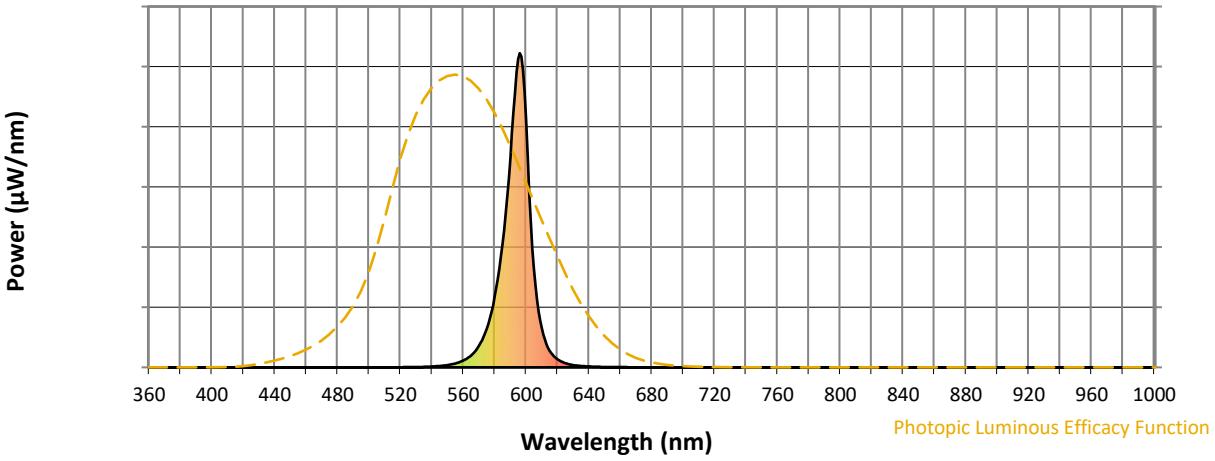


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

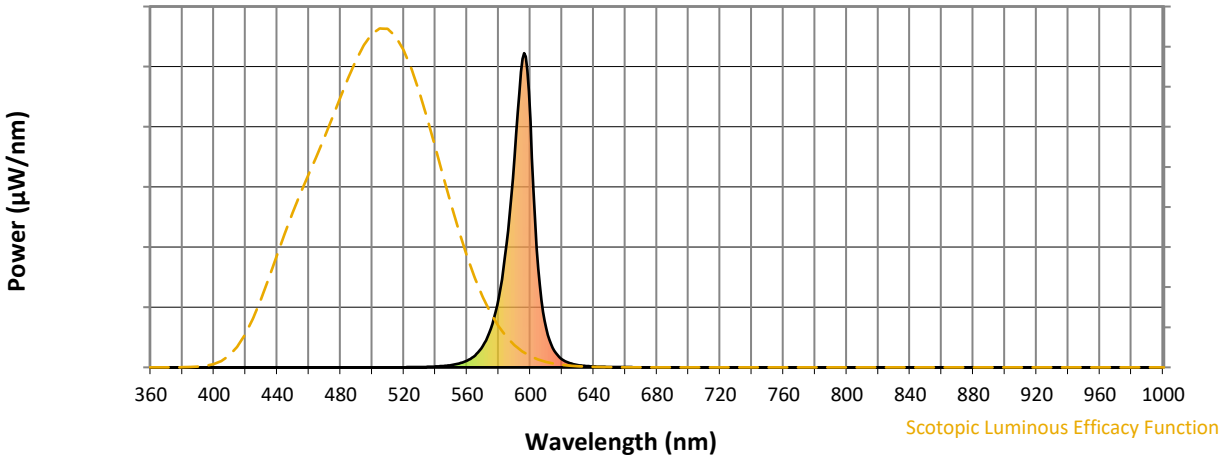


Photopic Lumens: NR

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

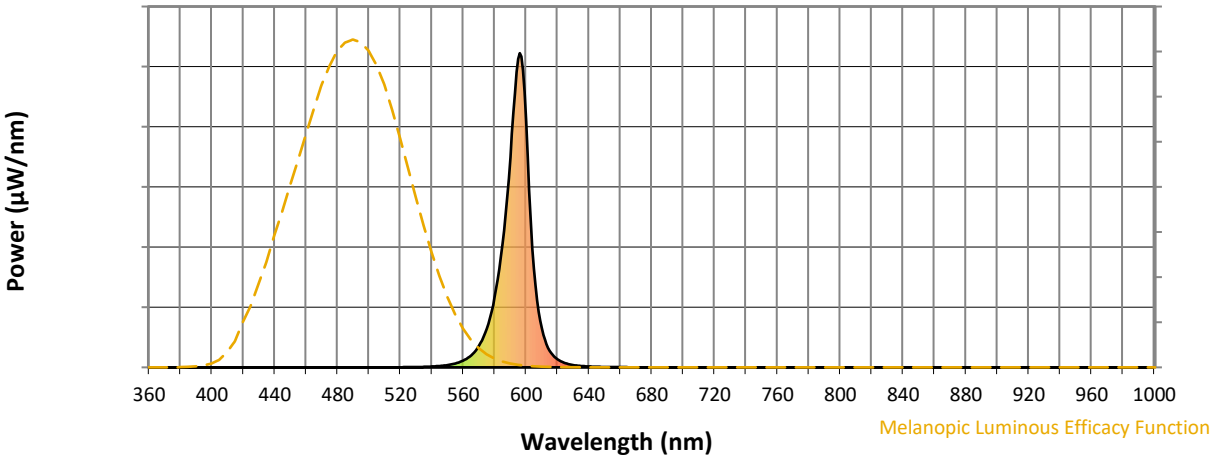


Scotopic Lumens: NR **S/P: 0.23**

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			

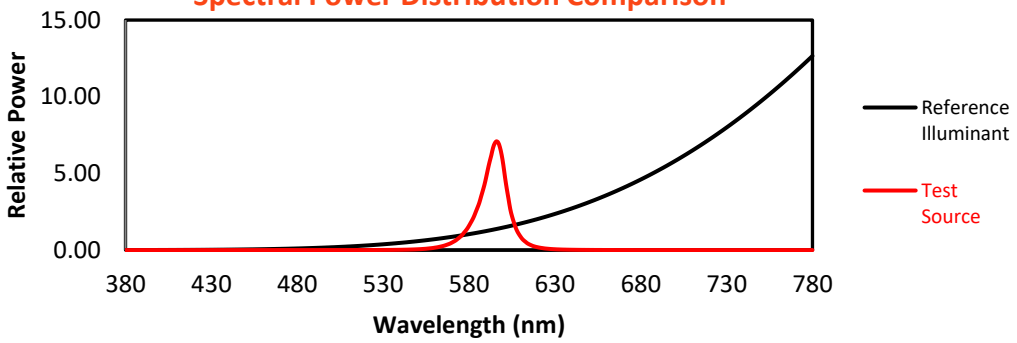
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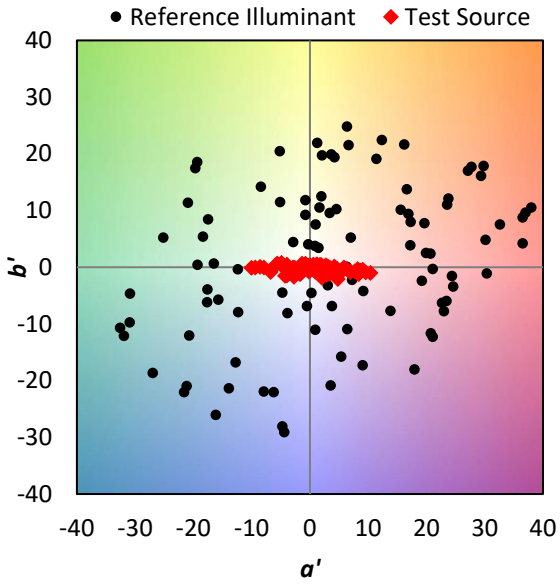
Summary

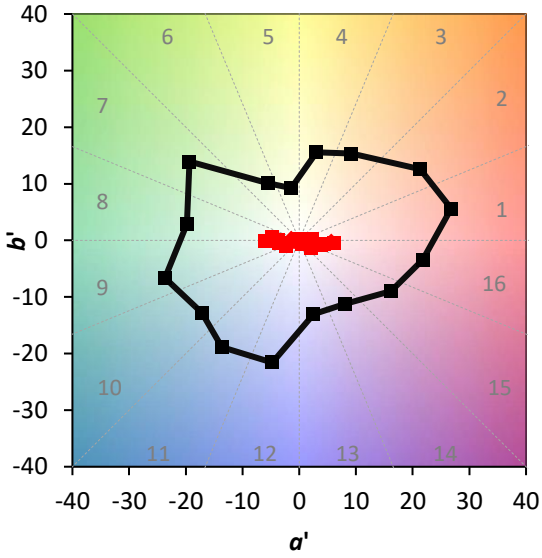
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

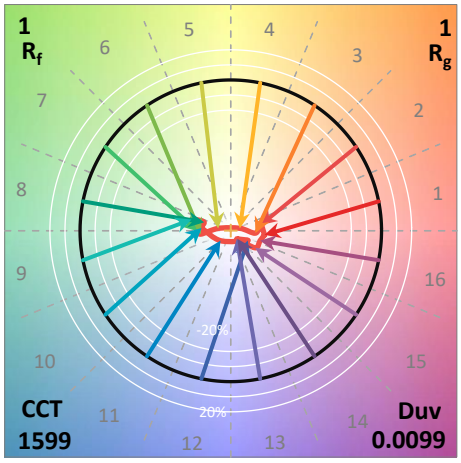
Spectral Power Distribution Comparison

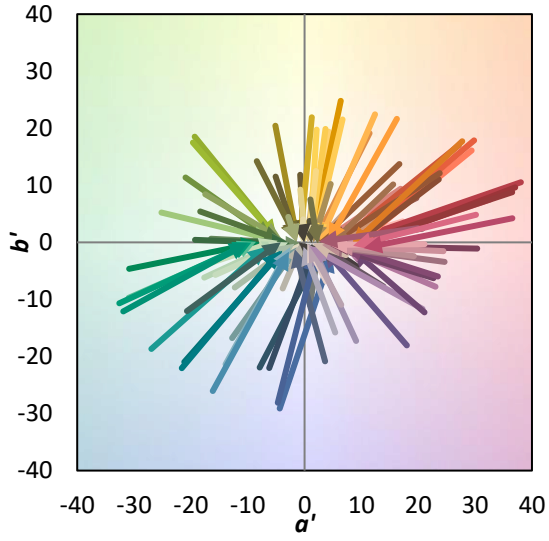


Color Vector Graphics







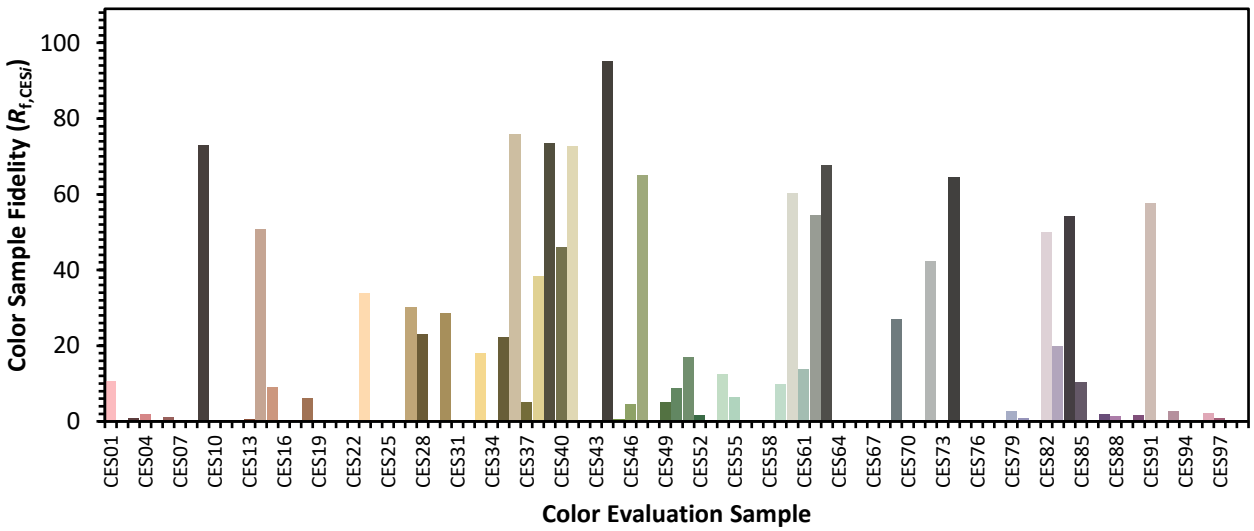


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Individual Sample Fidelity Index ($R_{f,i}$)

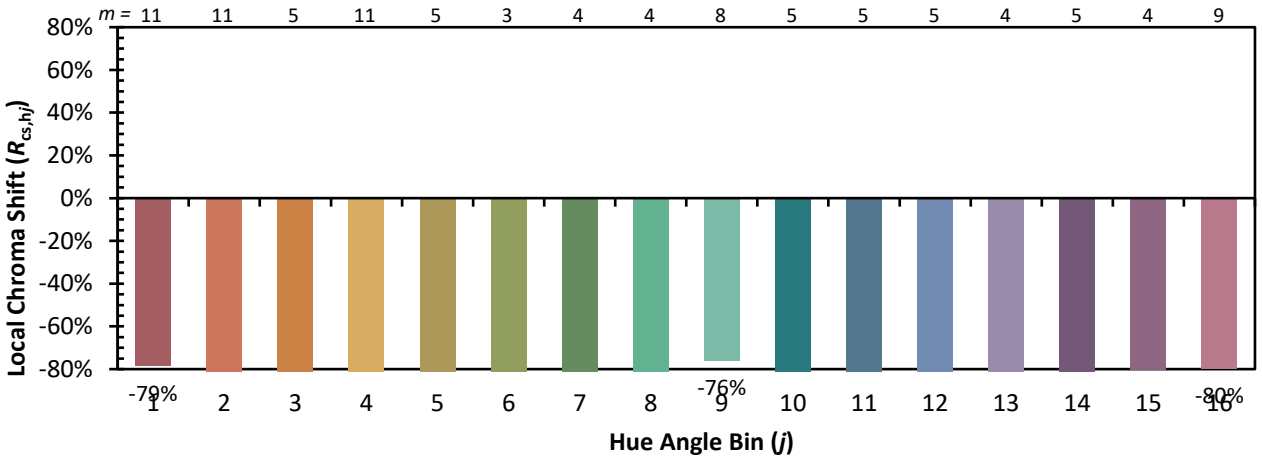
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

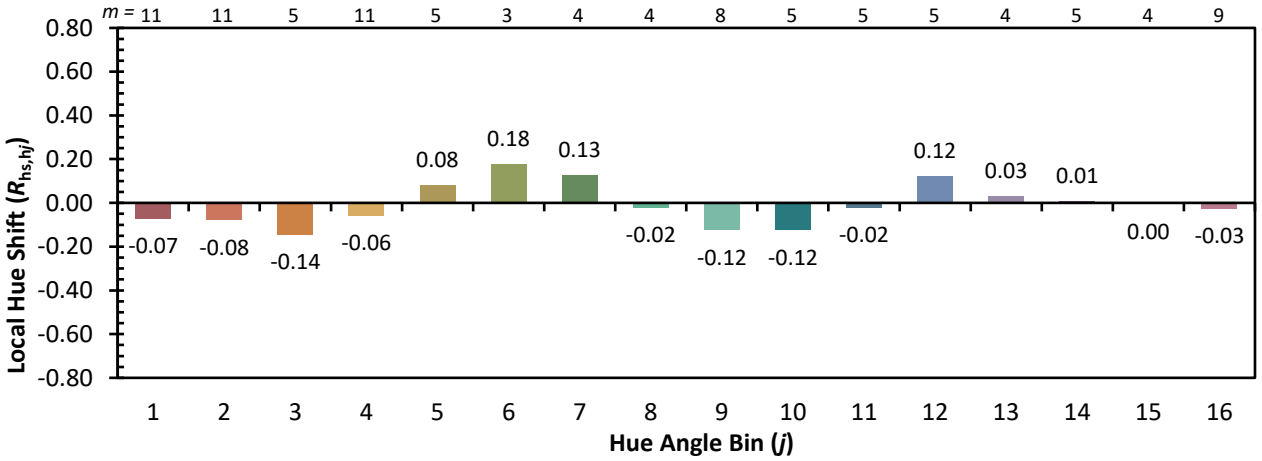


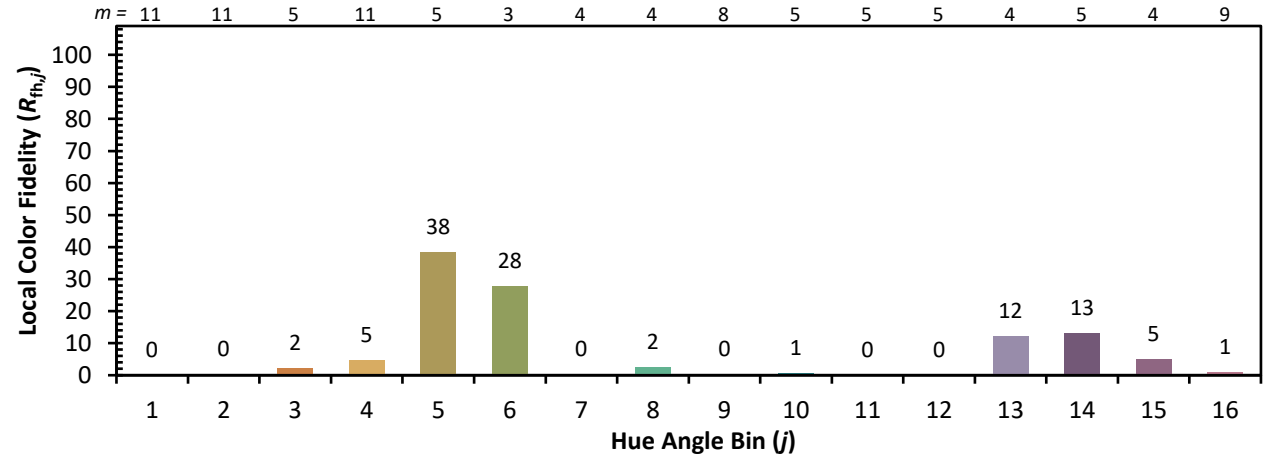
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Color Rendition by Hue-Angle Bin



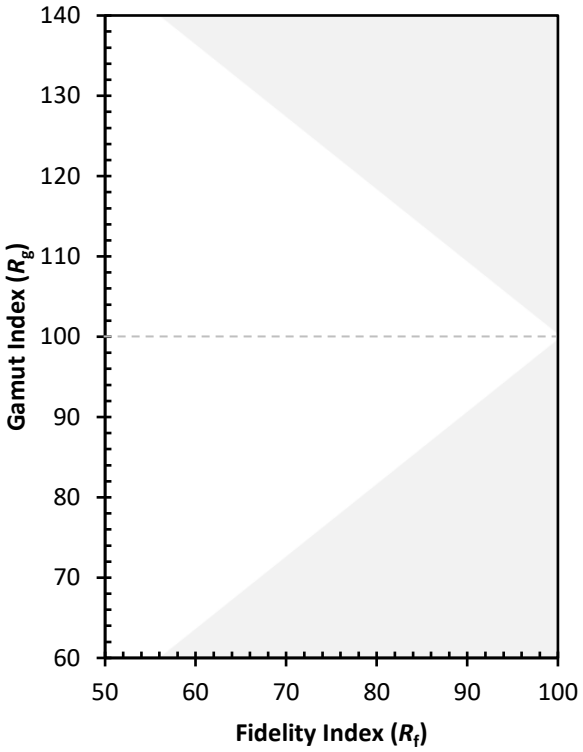


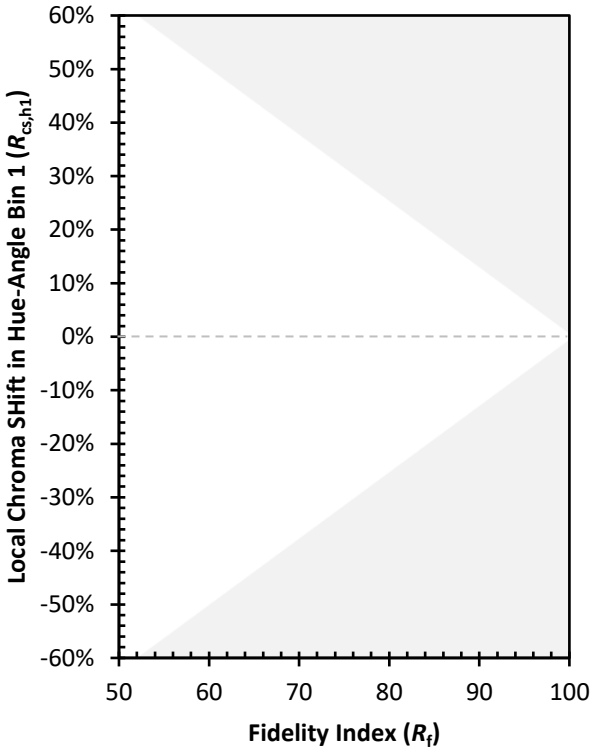


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Measure Comparisons





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