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-T2U-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-T2U-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 URBAN 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:	7877.2 lumens
Efficiency:	N/A
Efficacy:	49.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - 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

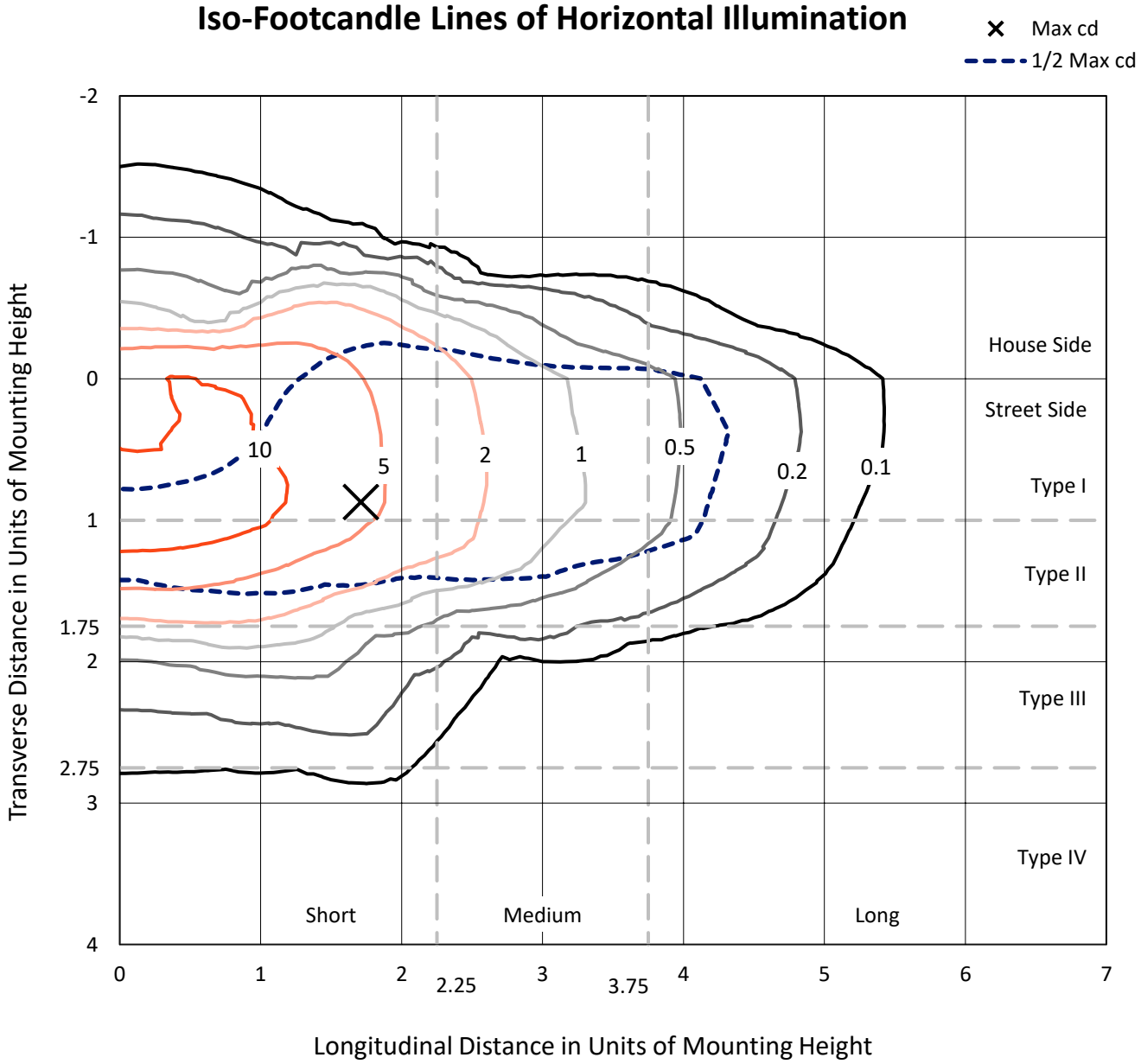


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U-HSS

Iso-Footcandle Lines of Horizontal Illumination



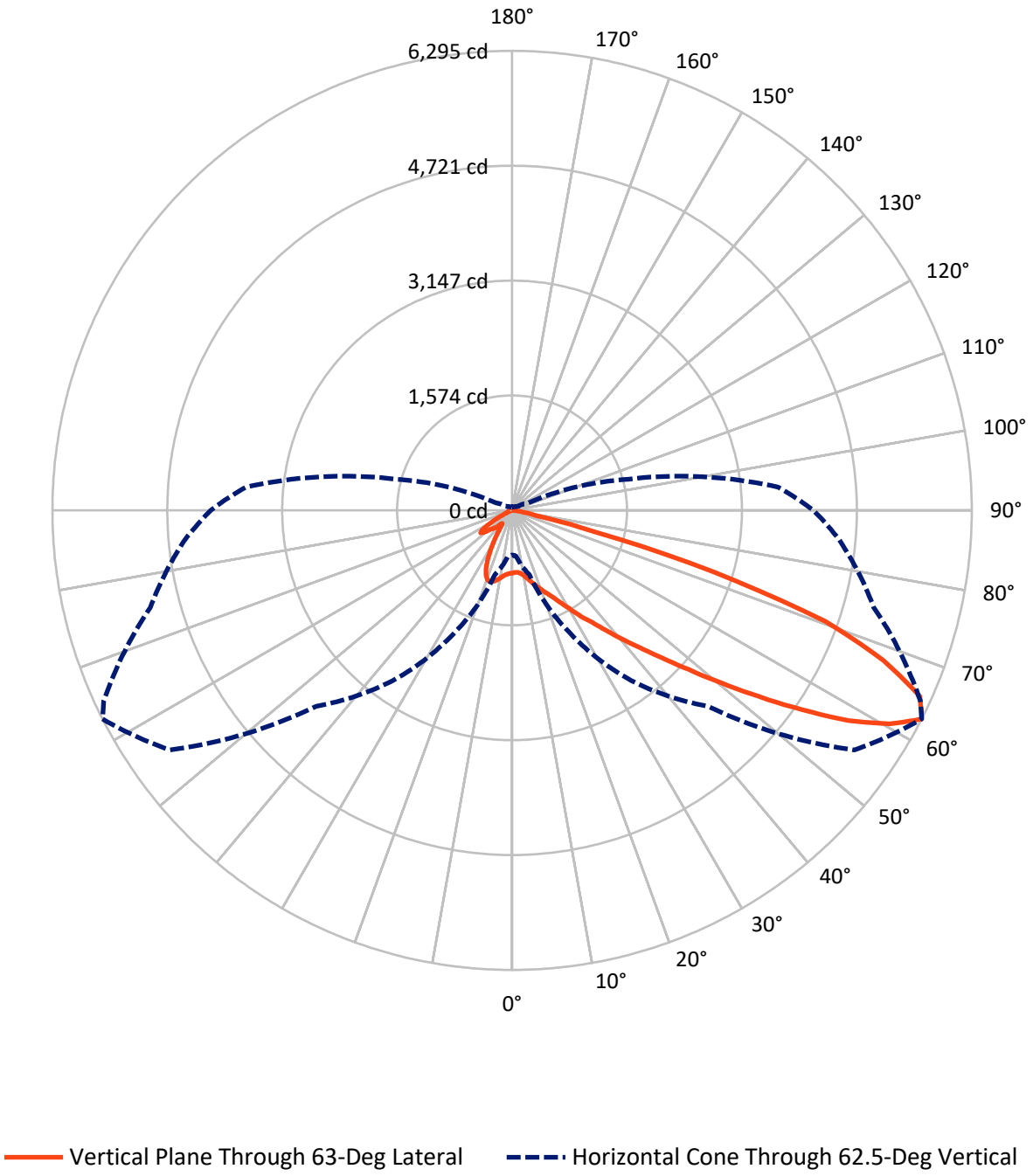
Based on 10 foot mounting height. Maximum calculated value = 16.2 fc
Type II - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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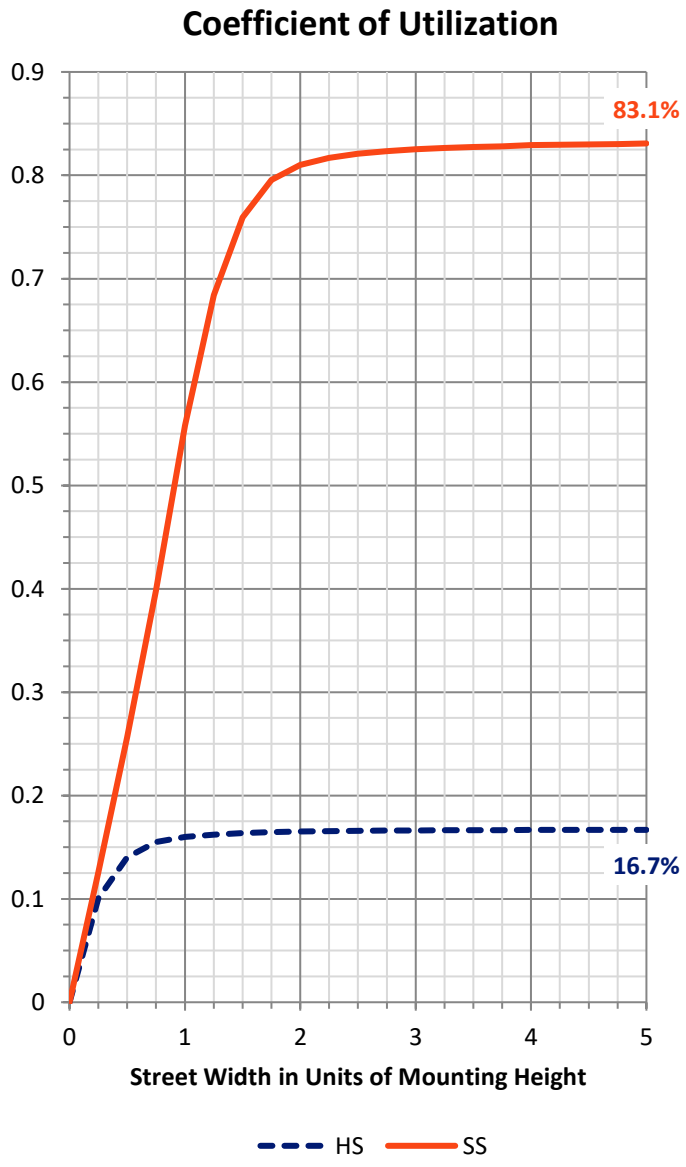
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1325.5	0.0	1325.5
	% Fixture	16.8	0.0	16.8
Street Side	Lumens	6551.7	0.0	6551.7
	% Fixture	83.2	0.0	83.2
Total	Lumens	7877.2	0.0	7877.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.9	1.1
10°-20°	252.1	3.2
20°-30°	439.8	5.6
30°-40°	794.9	10.1
40°-50°	1556.4	19.8
50°-60°	2195.8	27.9
60°-70°	1743.8	22.1
70°-80°	755.8	9.6
80°-90°	55.6	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°	7877.2	100.0
0°-180°	7877.2	100.0



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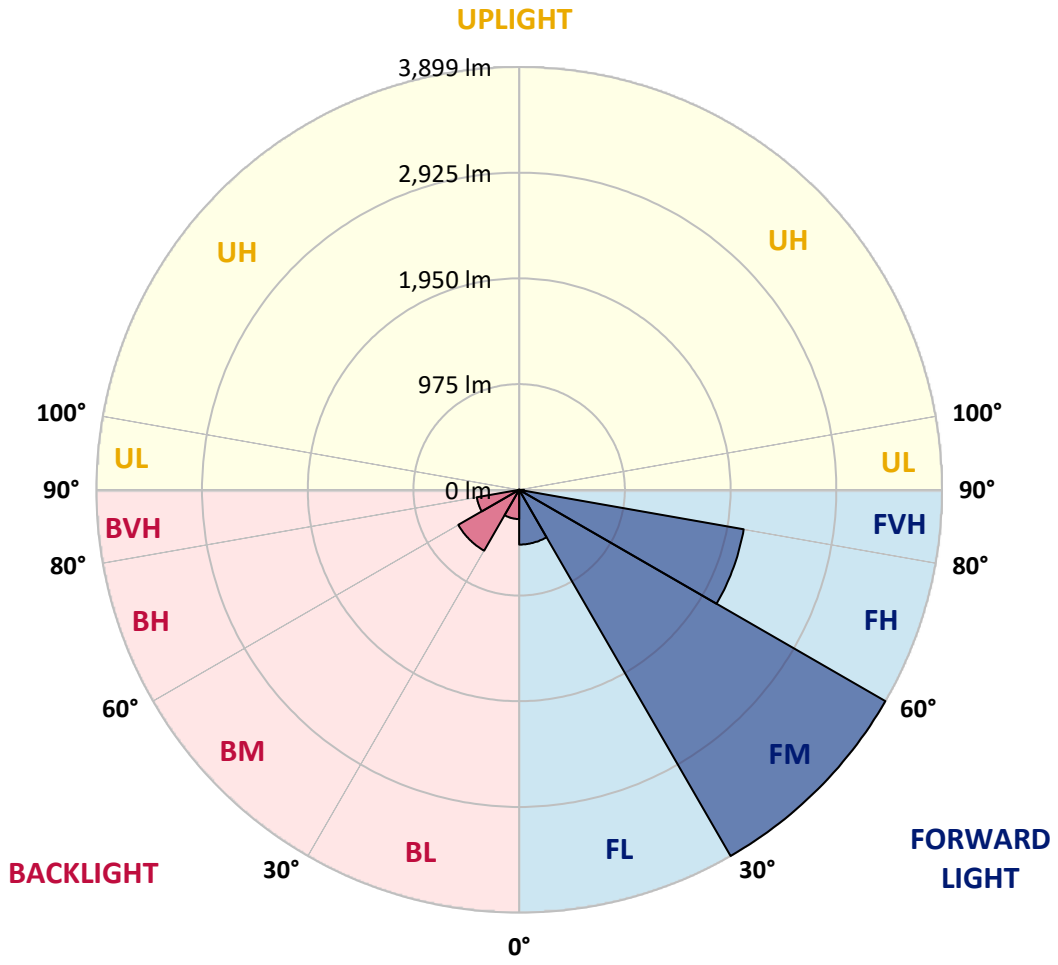
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2U-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	505.1	6.4			
FM	(30°-60°)	3899.5	49.5			
FH	(60°-80°)	2102.3	26.7			G2/5000
FVH	(80°-90°)	44.8	0.6			G1/100
BL	(0°-30°)	269.7	3.4	B1/500		
BM	(30°-60°)	647.6	8.2	B1/1000		
BH	(60°-80°)	397.4	5.0	B1/500		G1/500
BVH	(80°-90°)	10.9	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-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°	63°	65°	75°	85°
0°	859.0	859.0	859.0	859.0	859.0	859.0	859.0	*859.0*	859.0	859.0	859.0
2.5°	854.3	849.7	849.7	845.0	849.7	849.7	849.7	*849.7*	854.3	859.0	863.7
5°	845.0	840.3	835.6	840.3	845.0	845.0	854.3	*854.3*	859.0	873.1	877.8
7.5°	863.7	859.0	854.3	859.0	859.0	863.7	868.4	*873.1*	877.8	896.6	906.0
10°	915.4	906.0	896.6	901.3	901.3	896.6	901.3	*910.7*	910.7	938.8	952.9
12.5°	967.0	962.3	957.6	952.9	943.5	948.2	952.9	*962.3*	967.0	995.2	1013.9
15°	1037.4	1037.4	1023.3	1018.6	1013.9	1004.6	1013.9	*1028.0*	1028.0	1060.9	1075.0
17.5°	1107.8	1107.8	1093.7	1084.4	1079.7	1070.3	1075.0	*1089.1*	1098.4	1131.3	1150.1
20°	1178.2	1173.6	1164.2	1164.2	1154.8	1150.1	1150.1	*1164.2*	1168.9	1206.4	1220.5
22.5°	1262.7	1253.4	1239.3	1239.3	1229.9	1225.2	1229.9	*1239.3*	1248.7	1295.6	1300.3
25°	1337.8	1328.5	1328.5	1319.1	1314.4	1323.8	1333.2	*1328.5*	1347.2	1380.1	1384.8
27.5°	1436.4	1422.3	1413.0	1417.6	1413.0	1436.4	1441.1	*1441.1*	1455.2	1492.8	1483.4
30°	1577.3	1567.9	1539.7	1539.7	1539.7	1549.1	1567.9	*1567.9*	1581.9	1619.5	1591.3
32.5°	1896.5	1905.8	1783.8	1704.0	1671.1	1671.1	1708.7	*1732.2*	1732.2	1750.9	1718.1
35°	2492.6	2441.0	2295.5	2056.1	1882.4	1844.8	1873.0	*1882.4*	1887.1	1919.9	1849.5
37.5°	3046.5	3018.4	2882.2	2614.7	2248.5	2060.8	2065.4	*2079.5*	2084.2	2103.0	2018.5
40°	3605.1	3553.5	3469.0	3234.3	2797.7	2384.7	2323.6	*2314.2*	2314.2	2318.9	2211.0
42.5°	4013.5	4004.2	3929.0	3792.9	3422.1	2891.6	2619.4	*2567.7*	2558.3	2544.3	2417.5
45°	4276.4	4276.4	4267.0	4252.9	4046.4	3548.8	3018.4	*2882.2*	2863.5	2802.4	2652.2
47.5°	4309.3	4309.3	4407.9	4553.4	4553.4	4262.3	3586.4	*3257.8*	3215.5	3098.2	2891.6
50°	4013.5	4008.8	4252.9	4647.3	4914.8	4900.7	4262.3	*3713.1*	3628.6	3403.3	3168.6
52.5°	3638.0	3647.4	3910.3	4393.8	5032.2	5342.0	4905.4	*4238.9*	4102.7	3746.0	3469.0
55°	3126.3	3159.2	3544.1	3966.6	4731.8	5647.1	5473.4	*4816.3*	4637.9	4093.3	3750.7
57.5°	2441.0	2473.8	2971.4	3511.3	4206.0	5426.5	5797.3	*5431.2*	5210.6	4468.9	4069.9
60°	1154.8	1225.2	1934.0	2849.4	3628.6	4750.5	5905.3	*5938.2*	5783.3	4844.4	4346.8
62.5°	*610.2*	*629.0*	*910.7*	*1830.7*	*2844.7*	*3792.9*	*5722.2*	*6294.9*	*6168.2*	*5126.1*	*4487.7*
65°	394.3	403.7	549.2	1079.7	1783.8	2703.9	4957.1	*6135.3*	6064.9	4961.8	4243.6
67.5°	305.1	309.8	380.2	652.5	1215.8	1319.1	3267.2	*5482.8*	5642.4	4816.3	4182.5
70°	267.6	267.6	291.0	417.8	873.1	718.2	1741.5	*4548.7*	5055.7	4769.3	4018.2
72.5°	187.8	197.2	239.4	291.0	605.6	502.3	492.9	*2882.2*	3661.5	4722.4	3853.9
75°	117.4	122.0	150.2	248.8	342.7	338.0	291.0	*1154.8*	1962.2	4323.4	3821.1
77.5°	75.1	79.8	98.6	169.0	215.9	215.9	220.6	*319.2*	544.5	2619.4	2957.3
80°	46.9	51.6	70.4	112.7	145.5	126.7	140.8	*173.7*	192.5	910.7	1436.4
82.5°	14.1	14.1	42.2	56.3	89.2	75.1	65.7	*93.9*	108.0	267.6	267.6
85°	9.4	9.4	23.5	28.2	37.6	32.9	23.5	*42.2*	51.6	79.8	56.3
87.5°	0.0	0.0	0.0	4.7	4.7	4.7	9.4	*14.1*	14.1	14.1	14.1
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-T2U-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	859.0	859.0	859.0	859.0	859.0	859.0	859.0	859.0	859.0	859.0	859.0
2.5°	863.7	863.7	868.4	863.7	863.7	863.7	859.0	859.0	854.3	859.0	863.7
5°	877.8	882.5	887.2	877.8	873.1	868.4	859.0	854.3	840.3	849.7	845.0
7.5°	910.7	915.4	915.4	901.3	887.2	863.7	849.7	830.9	812.1	807.4	802.7
10°	967.0	967.0	962.3	938.8	910.7	863.7	826.2	793.3	769.8	751.1	751.1
12.5°	1023.3	1028.0	1013.9	985.8	929.5	863.7	779.2	685.4	596.2	558.6	544.5
15°	1089.1	1089.1	1065.6	1018.6	938.8	821.5	614.9	445.9	356.8	323.9	319.2
17.5°	1154.8	1145.4	1112.5	1046.8	920.1	638.4	394.3	281.7	244.1	234.7	234.7
20°	1220.5	1201.7	1154.8	1060.9	807.4	431.9	258.2	230.0	215.9	211.2	206.5
22.5°	1286.2	1258.0	1192.3	1046.8	596.2	281.7	220.6	206.5	192.5	187.8	187.8
25°	1361.3	1314.4	1225.2	967.0	408.4	225.3	197.2	183.1	173.7	169.0	169.0
27.5°	1441.1	1370.7	1239.3	816.8	277.0	197.2	178.4	164.3	154.9	150.2	150.2
30°	1525.6	1431.7	1253.4	629.0	206.5	173.7	154.9	145.5	140.8	136.1	136.1
32.5°	1624.2	1506.8	1262.7	445.9	183.1	154.9	140.8	131.4	126.7	122.0	126.7
35°	1741.5	1605.4	1253.4	305.1	159.6	140.8	131.4	122.0	117.4	112.7	112.7
37.5°	1896.5	1727.5	1229.9	244.1	145.5	131.4	122.0	112.7	103.3	103.3	98.6
40°	2060.8	1863.6	1211.1	272.3	140.8	131.4	122.0	108.0	98.6	93.9	89.2
42.5°	2253.2	2023.2	1211.1	333.3	140.8	126.7	112.7	98.6	89.2	84.5	84.5
45°	2464.5	2201.6	1272.1	384.9	150.2	122.0	108.0	93.9	84.5	79.8	79.8
47.5°	2675.7	2398.7	1417.6	422.5	145.5	117.4	98.6	84.5	75.1	75.1	75.1
50°	2929.2	2624.1	1600.7	478.8	140.8	108.0	89.2	79.8	70.4	70.4	70.4
52.5°	3182.7	2844.7	1816.7	577.4	140.8	98.6	84.5	75.1	70.4	65.7	65.7
55°	3450.2	3093.5	1966.9	629.0	131.4	93.9	79.8	70.4	65.7	61.0	61.0
57.5°	3731.9	3332.9	2056.1	572.7	117.4	89.2	75.1	65.7	61.0	61.0	56.3
60°	3994.8	3562.9	1962.2	413.1	108.0	79.8	70.4	61.0	56.3	51.6	51.6
62.5°	*4126.2*	*3656.8*	*1647.7*	*239.4*	*98.6*	*70.4*	*61.0*	*56.3*	*51.6*	*46.9*	*42.2*
65°	3915.0	3365.7	1051.5	136.1	84.5	61.0	51.6	51.6	42.2	32.9	32.9
67.5°	3915.0	3121.6	478.8	84.5	70.4	51.6	46.9	42.2	32.9	28.2	28.2
70°	3788.2	2549.0	192.5	65.7	56.3	42.2	37.6	37.6	28.2	23.5	23.5
72.5°	3680.3	1812.0	79.8	51.6	42.2	28.2	28.2	28.2	23.5	18.8	14.1
75°	3638.0	1323.8	51.6	37.6	28.2	23.5	23.5	23.5	18.8	9.4	9.4
77.5°	2699.2	929.5	37.6	28.2	18.8	14.1	14.1	14.1	9.4	4.7	4.7
80°	1431.7	469.4	28.2	18.8	14.1	9.4	9.4	4.7	0.0	0.0	0.0
82.5°	239.4	159.6	18.8	14.1	9.4	4.7	4.7	0.0	0.0	0.0	0.0
85°	32.9	23.5	14.1	9.4	4.7	4.7	0.0	0.0	0.0	0.0	0.0
87.5°	14.1	14.1	9.4	4.7	4.7	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

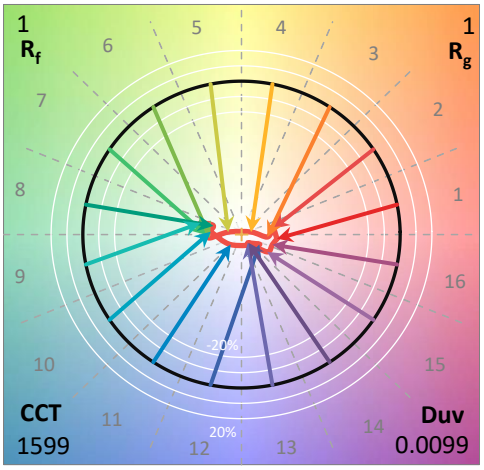
Test Information

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

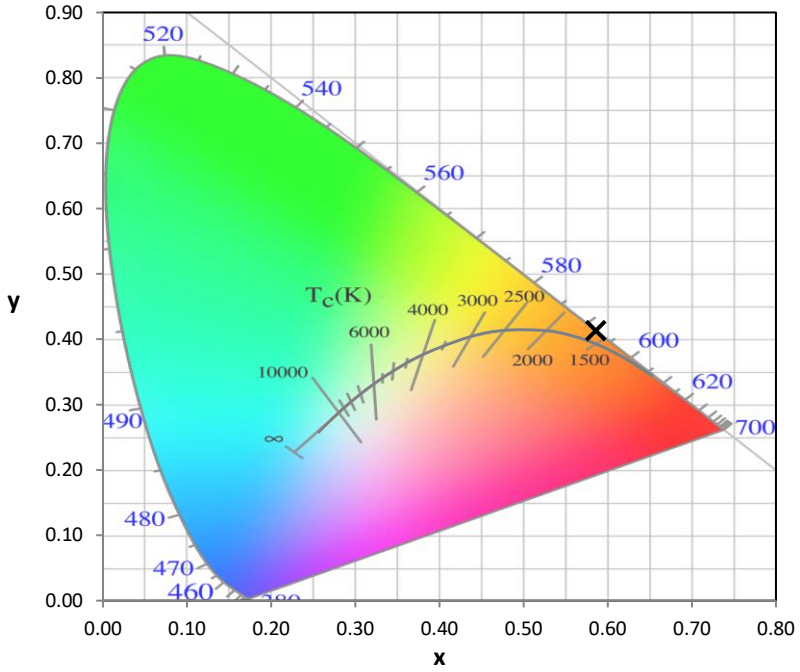
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

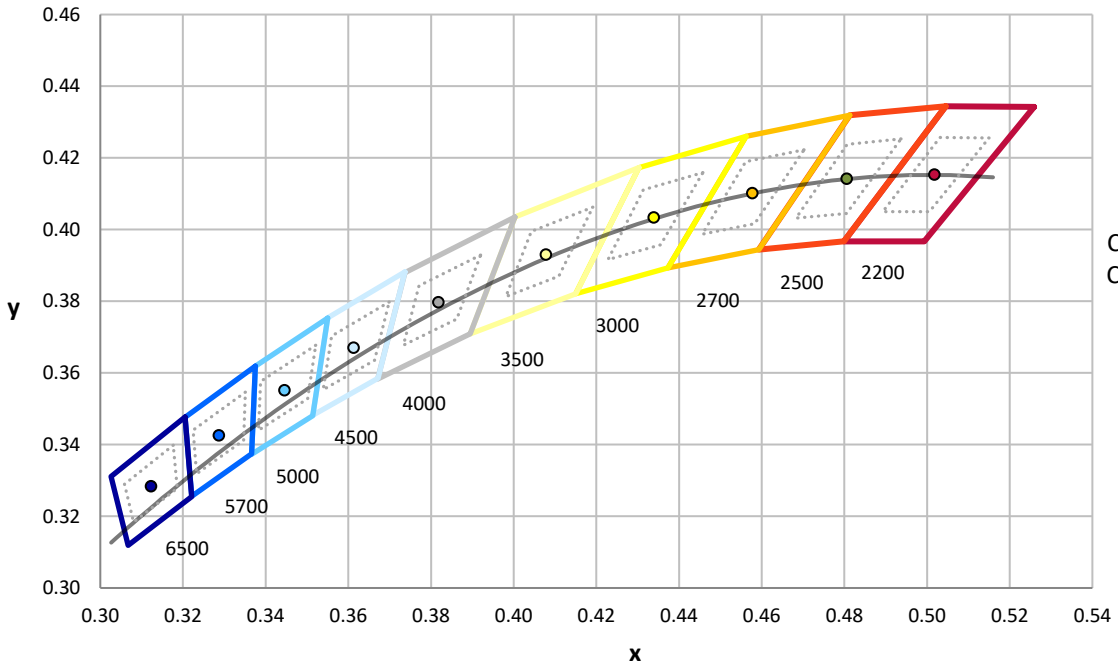
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

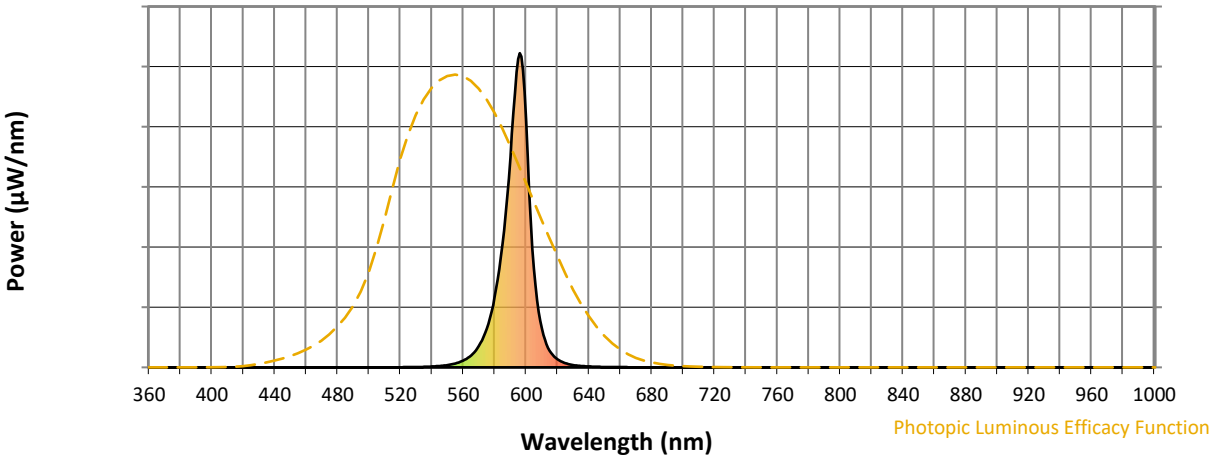


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

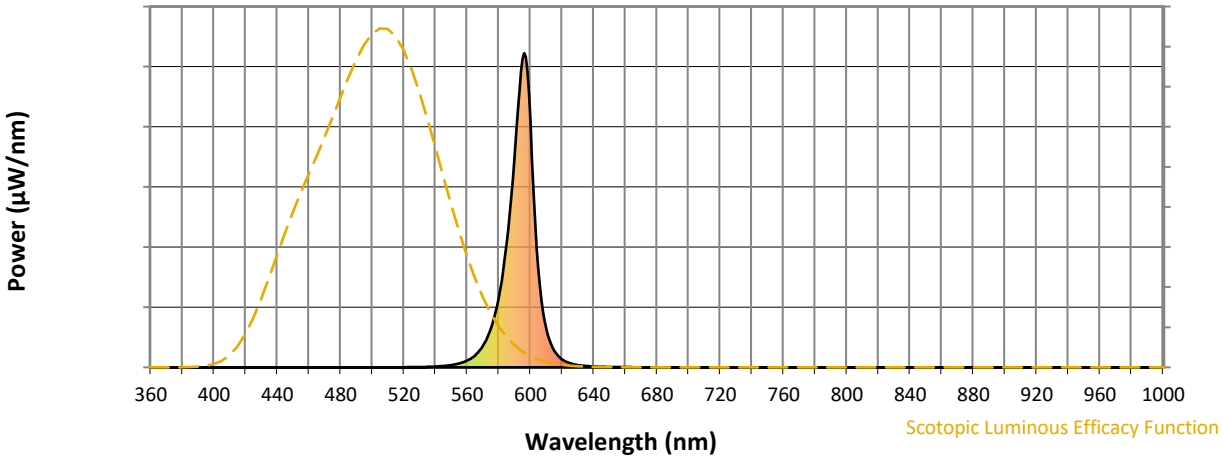


Photopic Lumens: NR

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

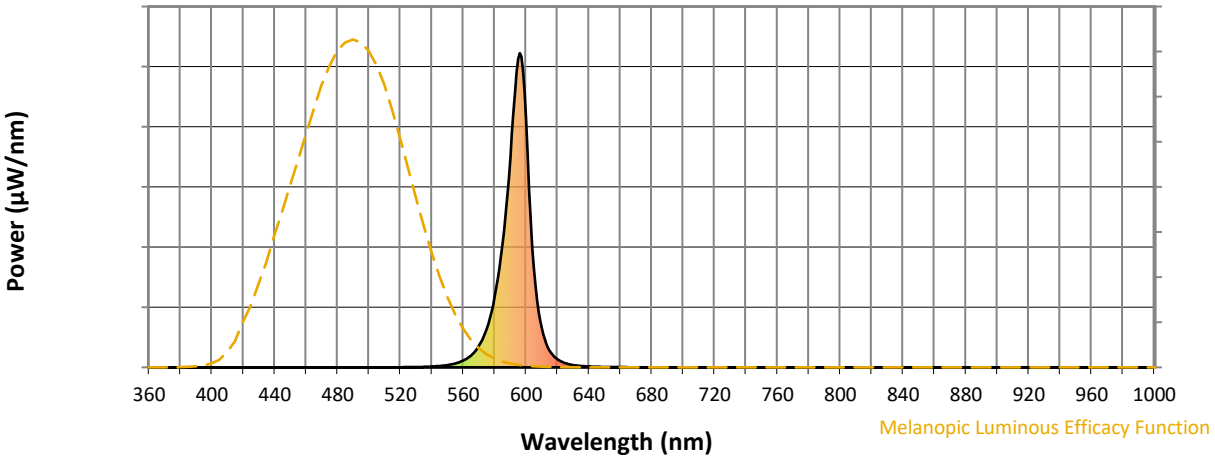


Scotopic Lumens: NR **S/P: 0.23**

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			

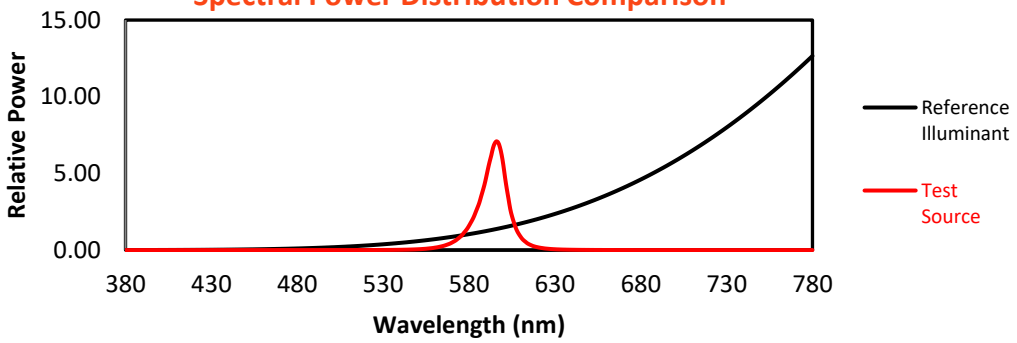
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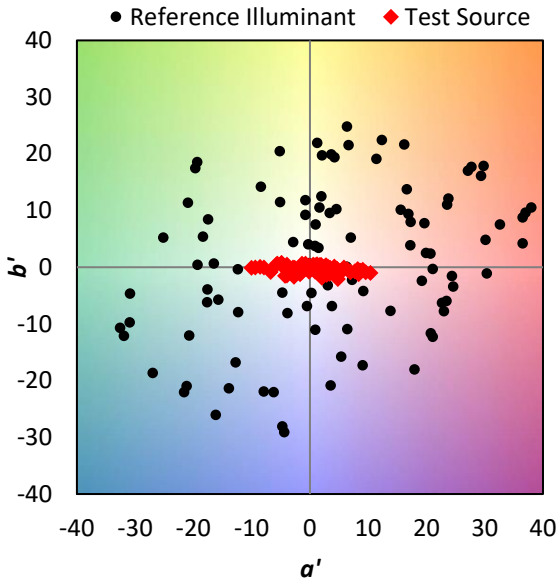
Summary

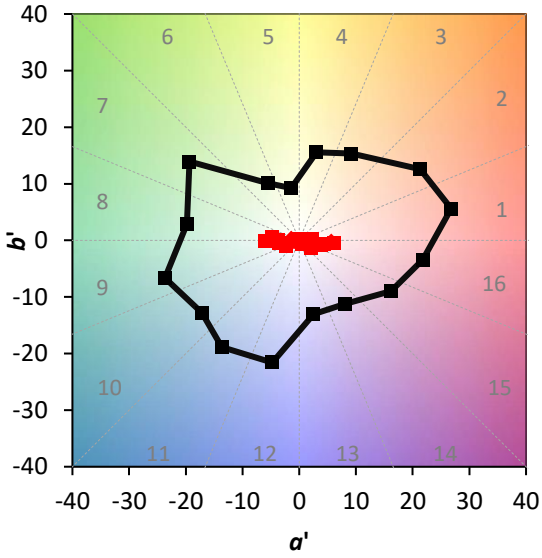
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

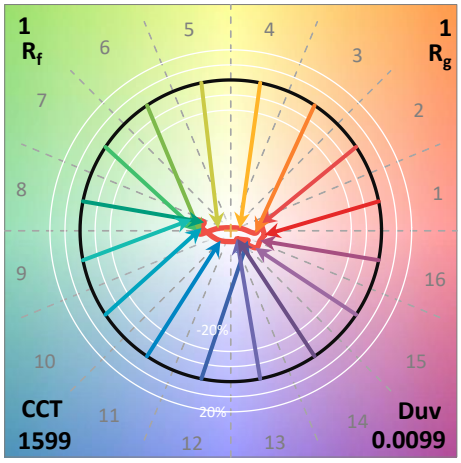
Spectral Power Distribution Comparison

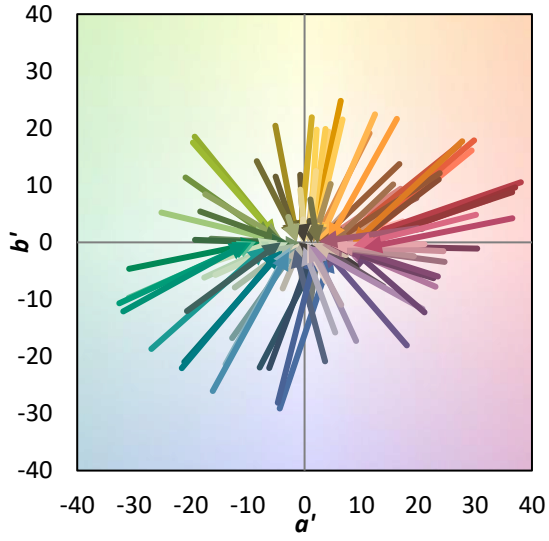


Color Vector Graphics







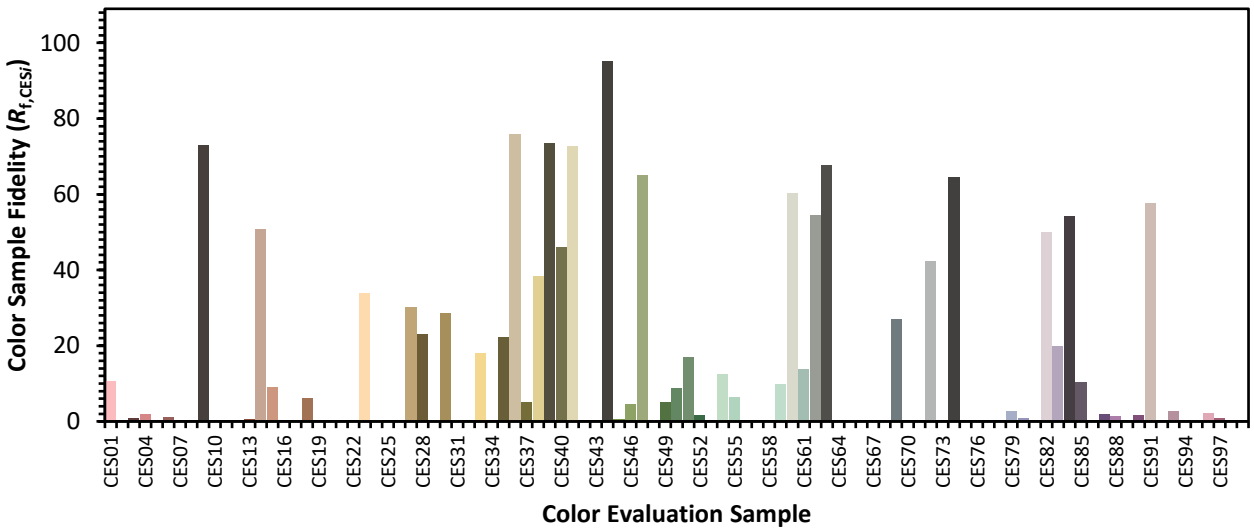


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Individual Sample Fidelity Index ($R_{f,i}$)

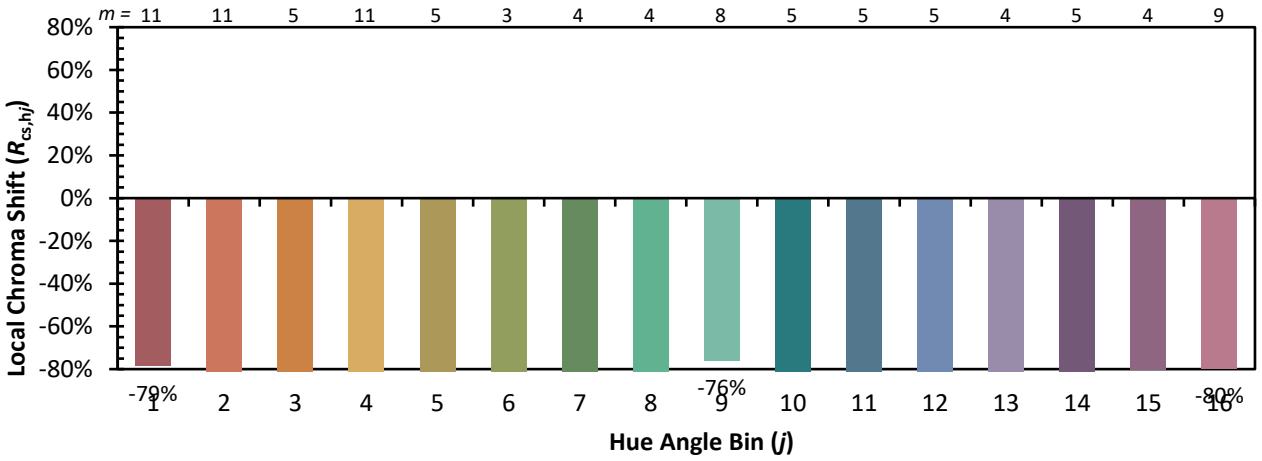
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

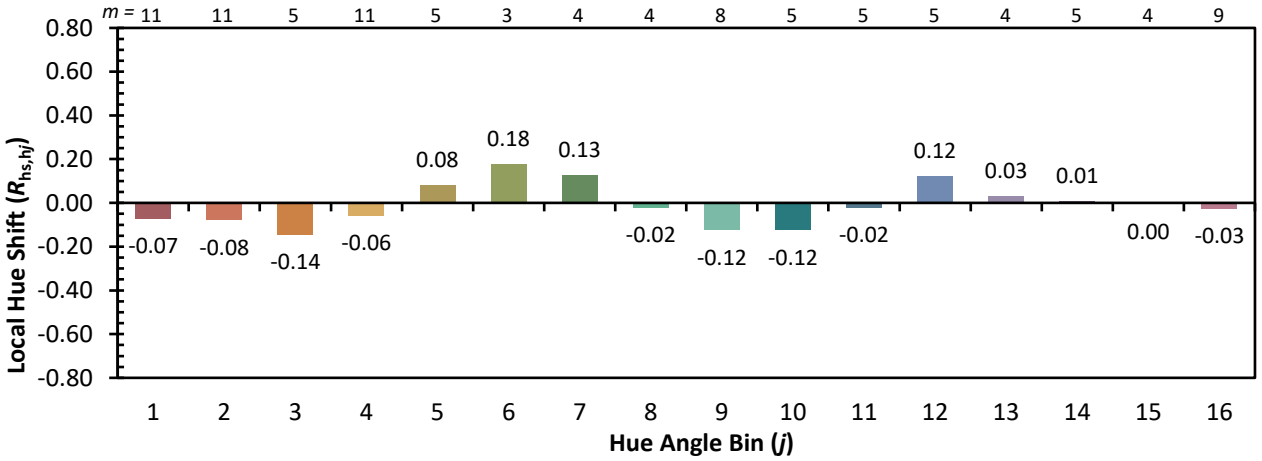


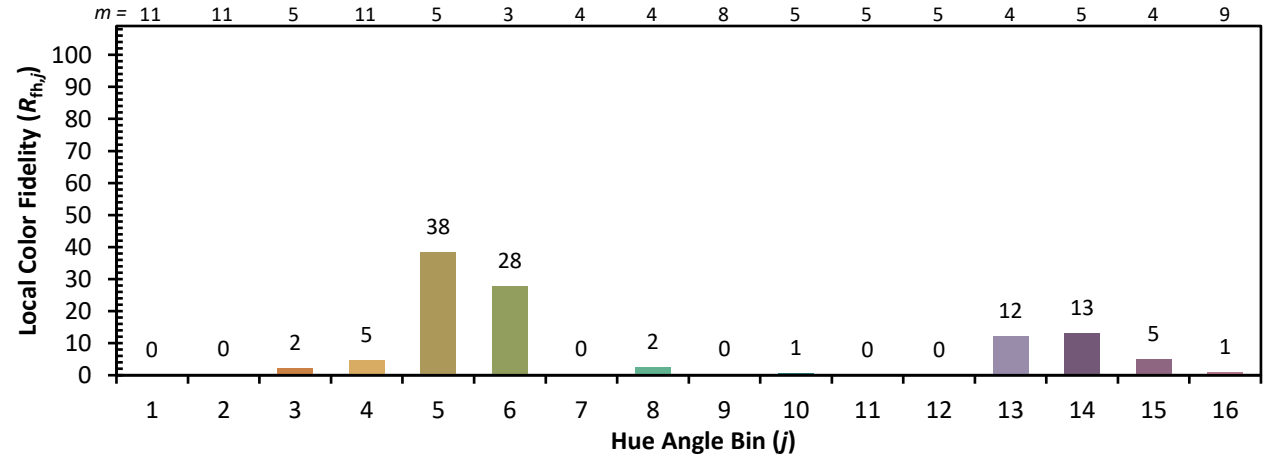
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Color Rendition by Hue-Angle Bin



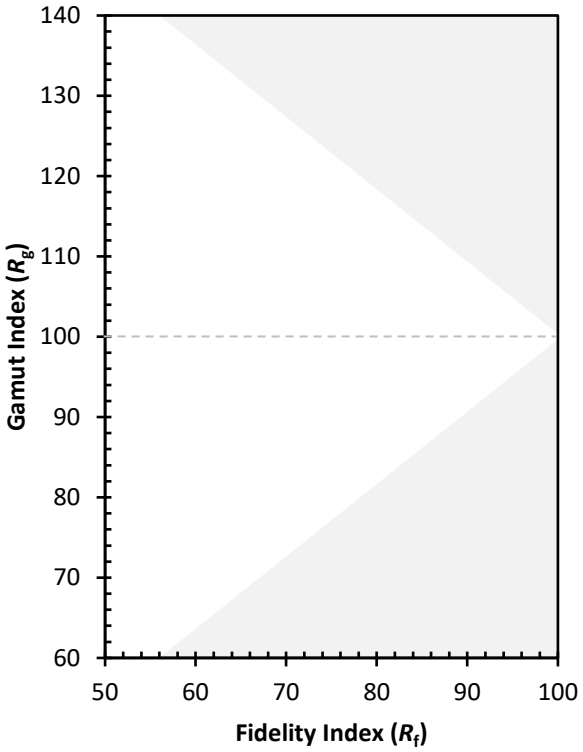


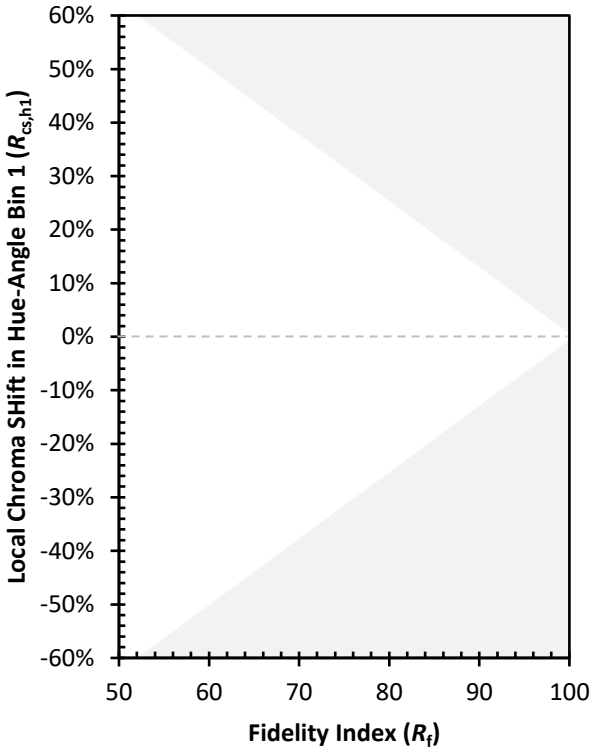


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Measure Comparisons





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