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: P1704728

Luminaire Tested: GSS-SB1A-AMB-U-T4W-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:	P1704728
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-AMB-U-T4W-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7568.9 lumens
Efficiency:	N/A
Efficacy:	210.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	35.9
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

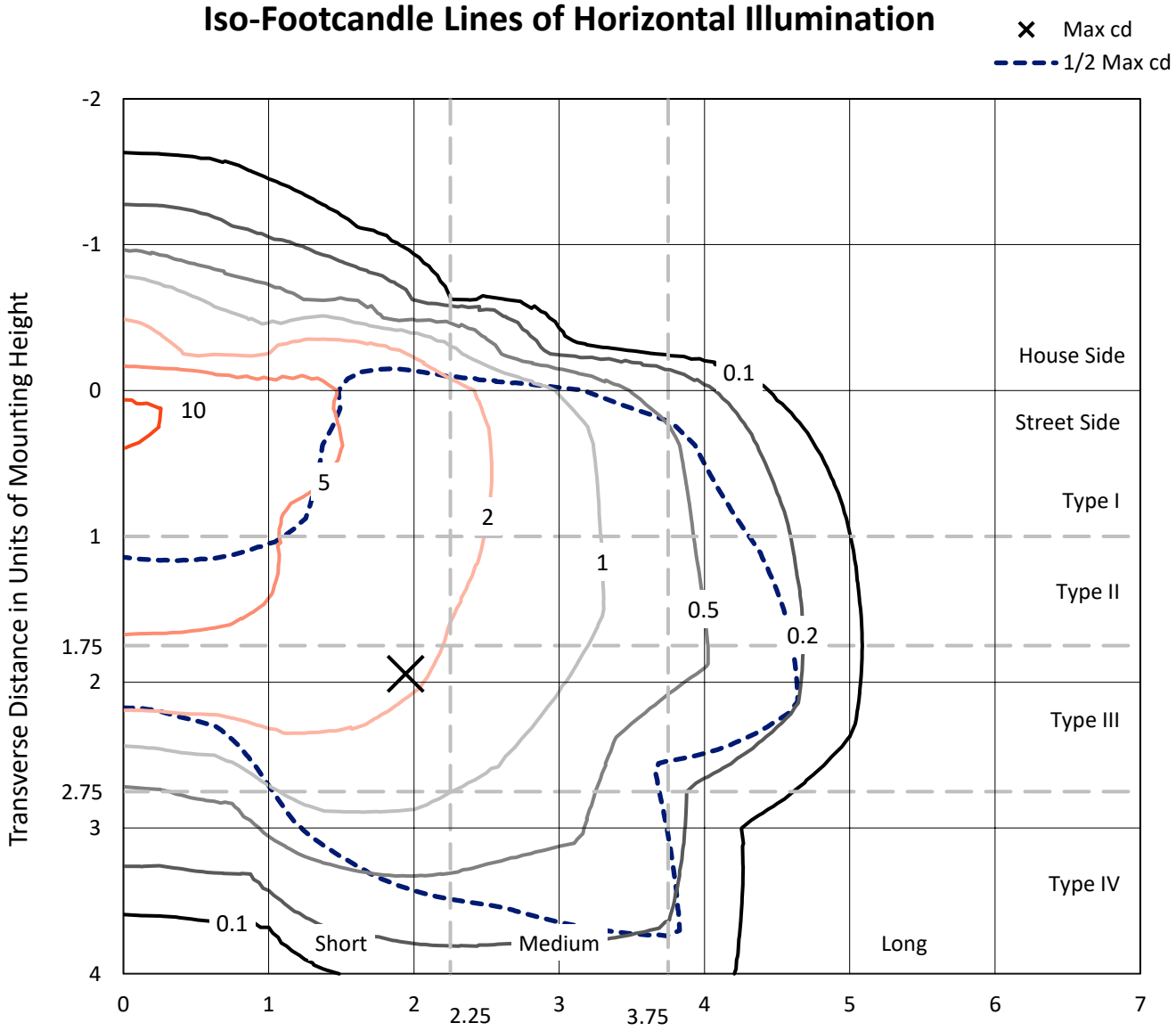


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



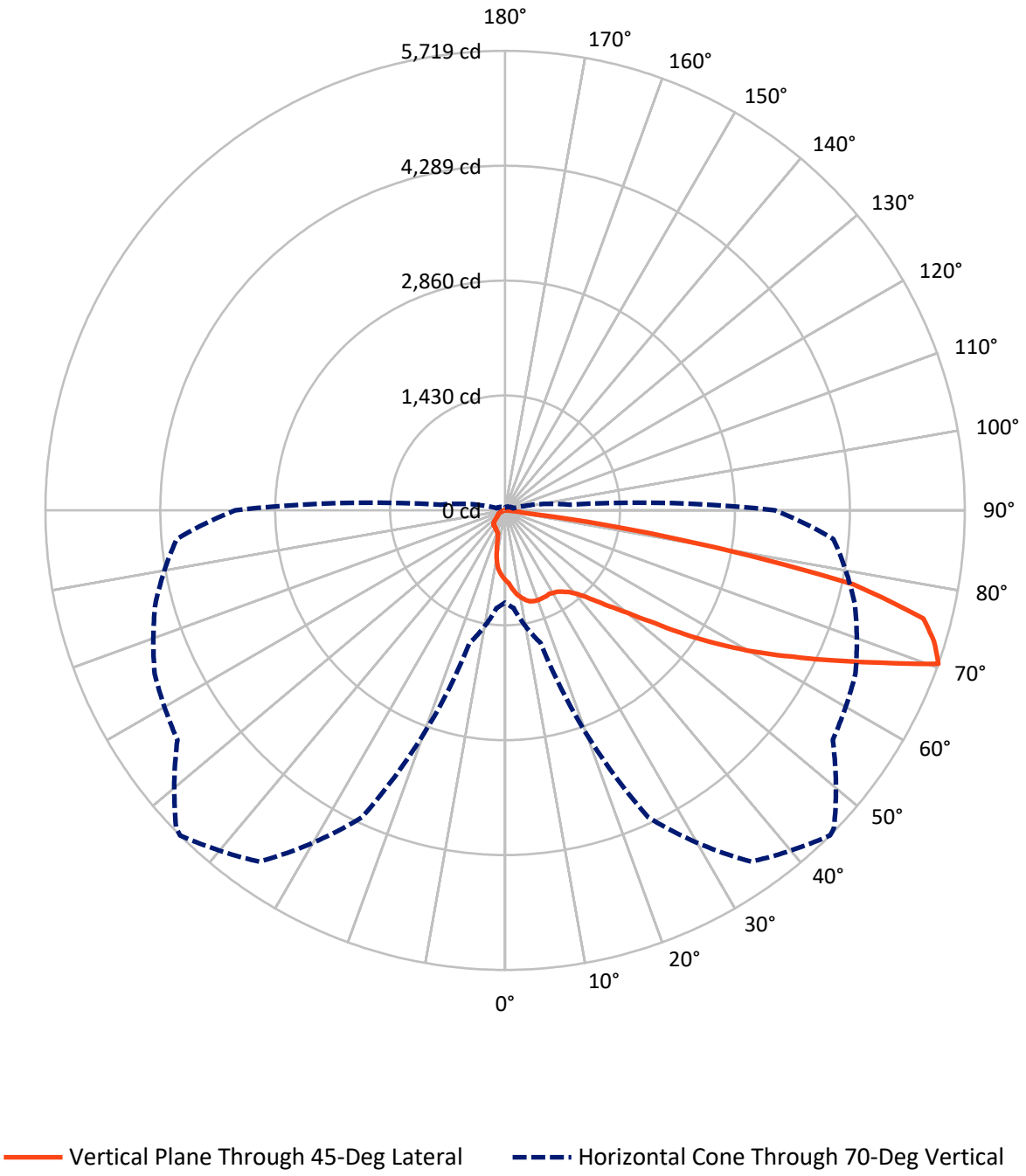
Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704728
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Luminous Intensity Polar Plot



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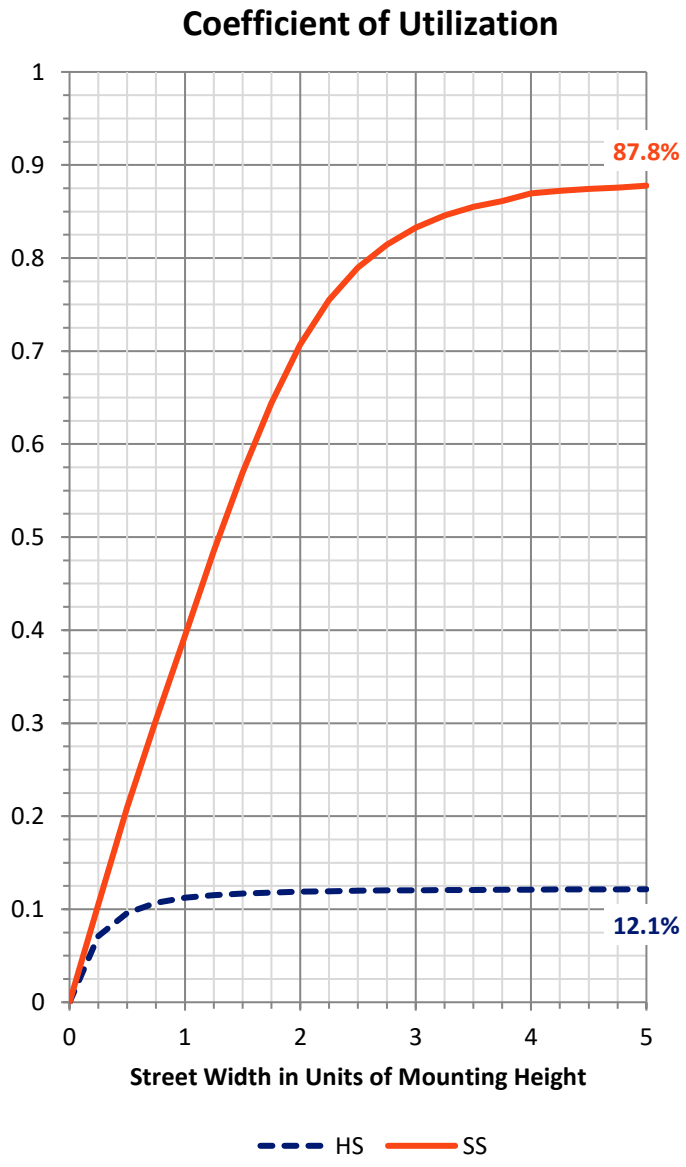
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	928.0	0.0	928.0
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	6640.9	0.0	6640.9
	% Fixture	87.7	0.0	87.7
Total	Lumens	7568.9	0.0	7568.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.8	1.1
10°-20°	237.3	3.1
20°-30°	370.3	4.9
30°-40°	524.5	6.9
40°-50°	861.1	11.4
50°-60°	1560.6	20.6
60°-70°	2193.6	29.0
70°-80°	1644.1	21.7
80°-90°	93.7	1.2
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°	7568.9	100.0
0°-180°	7568.9	100.0



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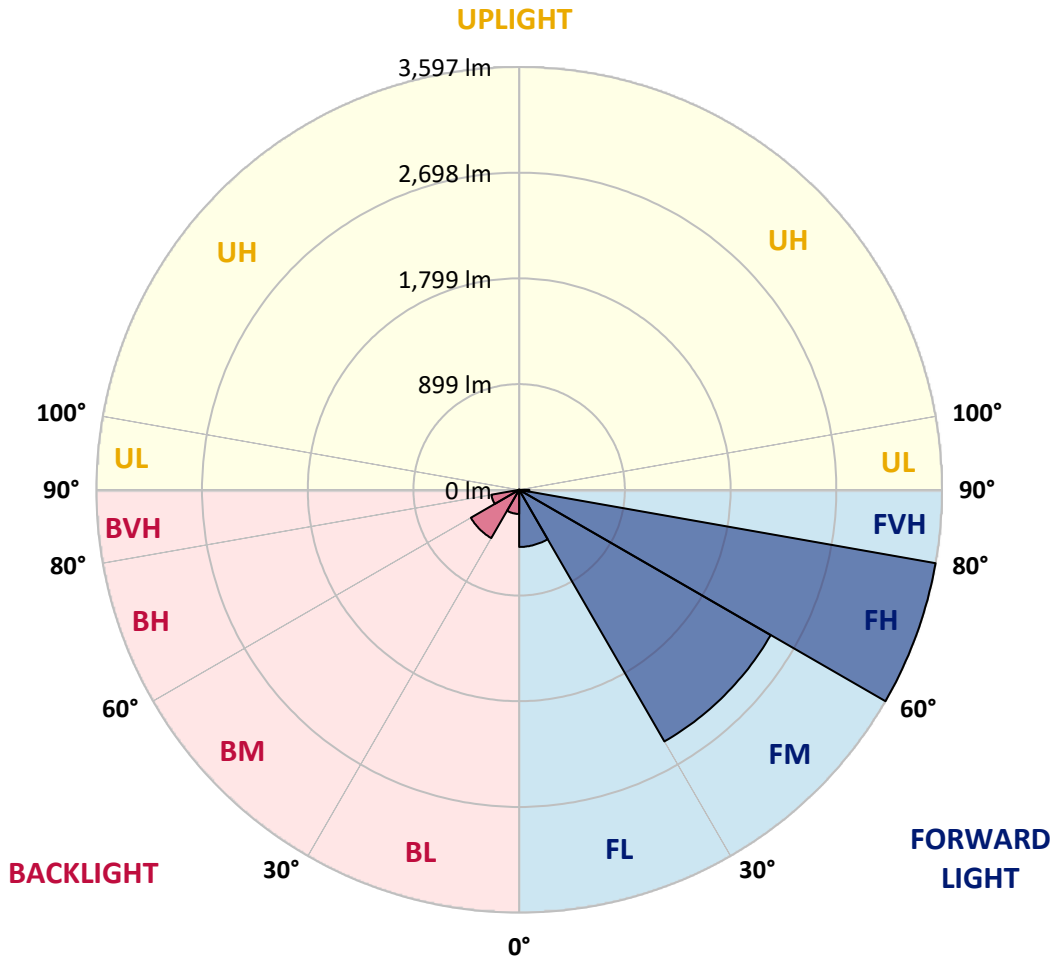
Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	486.0	6.4			
FM	(30°-60°)	2471.7	32.7			
FH	(60°-80°)	3597.3	47.5			G2/5000
FVH	(80°-90°)	85.8	1.1			G1/100
BL	(0°-30°)	205.3	2.7	B1/500		
BM	(30°-60°)	474.5	6.3	B1/1000		
BH	(60°-80°)	240.4	3.2	B1/500		G1/500
BVH	(80°-90°)	7.8	0.1			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 IV Short



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REPORT NUMBER: P1704728
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	870.4	870.4	870.4	870.4	870.4	*870.4*	870.4	870.4	870.4	870.4	870.4
2.5°	949.1	944.2	934.4	934.4	924.5	*909.8*	904.8	904.8	895.0	885.2	875.3
5°	1057.3	1042.5	1037.6	1032.7	1003.2	*983.5*	973.7	958.9	934.4	909.8	885.2
7.5°	1165.5	1145.8	1121.2	1111.4	1081.9	*1052.4*	1042.5	1018.0	978.6	944.2	909.8
10°	1234.3	1219.6	1204.8	1175.3	1145.8	*1101.6*	1096.6	1067.1	1027.8	983.5	939.3
12.5°	1283.5	1263.8	1244.2	1209.7	1175.3	*1145.8*	1136.0	1111.4	1072.0	1027.8	973.7
15°	1308.1	1288.4	1268.8	1229.4	1199.9	*1175.3*	1165.5	1150.7	1111.4	1072.0	1013.0
17.5°	1288.4	1278.6	1254.0	1219.6	1199.9	*1185.2*	1175.3	1175.3	1145.8	1106.5	1047.5
20°	1258.9	1249.1	1224.5	1199.9	1190.1	*1190.1*	1180.2	1175.3	1165.5	1136.0	1072.0
22.5°	1229.4	1219.6	1204.8	1180.2	1170.4	*1185.2*	1175.3	1195.0	1180.2	1155.6	1091.7
25°	1204.8	1195.0	1185.2	1160.6	1160.6	*1185.2*	1175.3	1199.9	1199.9	1175.3	1121.2
27.5°	1195.0	1190.1	1175.3	1150.7	1160.6	*1175.3*	1175.3	1219.6	1224.5	1204.8	1160.6
30°	1204.8	1199.9	1185.2	1170.4	1165.5	*1190.1*	1190.1	1234.3	1254.0	1244.2	1195.0
32.5°	1244.2	1229.4	1214.7	1190.1	1195.0	*1204.8*	1209.7	1258.9	1293.3	1278.6	1229.4
35°	1298.3	1293.3	1268.8	1239.2	1229.4	*1244.2*	1239.2	1293.3	1342.5	1327.8	1263.8
37.5°	1391.7	1391.7	1347.4	1308.1	1288.4	*1288.4*	1283.5	1332.7	1396.6	1386.8	1322.8
40°	1549.1	1539.2	1485.1	1411.4	1372.0	*1362.2*	1357.3	1406.5	1475.3	1475.3	1396.6
42.5°	1913.0	1873.6	1745.8	1568.7	1485.1	*1470.4*	1450.7	1504.8	1573.7	1573.7	1495.0
45°	2301.5	2276.9	2139.2	1858.9	1632.7	*1622.8*	1603.2	1632.7	1716.3	1750.7	1647.4
47.5°	2680.1	2630.9	2488.3	2227.7	1868.7	*1804.8*	1799.9	1799.9	1922.8	1972.0	1839.2
50°	3014.5	2970.3	2832.6	2581.8	2222.8	*2026.1*	2011.3	2016.2	2149.0	2232.6	2085.1
52.5°	3226.0	3211.2	3112.9	2935.8	2611.3	*2331.0*	2316.2	2281.8	2419.5	2522.8	2380.1
55°	3407.9	3378.4	3398.1	3314.5	3068.6	*2724.4*	2680.1	2571.9	2753.9	2867.0	2675.2
57.5°	3604.6	3585.0	3688.2	3703.0	3585.0	*3142.4*	3093.2	2940.8	3127.6	3211.2	3009.6
60°	3757.1	3747.3	3919.4	4125.9	4047.2	*3575.1*	3501.4	3334.2	3540.7	3614.5	3378.4
62.5°	3801.3	3801.3	4125.9	4470.2	4543.9	*4007.9*	3919.4	3766.9	4007.9	4027.6	3688.2
65°	3004.7	3034.2	3766.9	4676.7	5030.8	*4499.7*	4425.9	4268.5	4396.4	4209.5	3776.8
67.5°	1829.4	1937.6	2670.3	4396.4	5360.2	*5055.4*	5016.0	4770.1	4563.6	4263.6	3914.5
70°	*1145.8*	*1219.6*	*1706.4*	*4214.4*	*5335.7*	*5719.2*	*5689.7*	*4976.7*	*4809.5*	*4504.6*	*4101.3*
72.5°	880.3	885.2	1185.2	3712.8	5502.9	*5581.5*	5547.1	5507.8	5139.0	4509.5	3948.9
75°	413.1	447.5	619.6	2390.0	4470.2	*5375.0*	5320.9	5360.2	5448.8	4298.0	3383.3
77.5°	137.7	142.6	226.2	860.6	2326.1	*4430.8*	4445.6	2699.8	4701.3	2980.1	1554.0
80°	54.1	59.0	127.9	304.9	624.5	*2222.8*	2301.5	786.8	1504.8	796.7	275.4
82.5°	19.7	24.6	68.8	132.8	319.6	*236.0*	236.0	172.1	388.5	191.8	63.9
85°	9.8	14.8	29.5	49.2	118.0	*68.8*	63.9	54.1	137.7	93.4	29.5
87.5°	0.0	0.0	4.9	9.8	9.8	*9.8*	9.8	14.8	24.6	19.7	14.8
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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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	870.4	870.4	870.4	870.4	870.4	870.4	870.4	870.4	870.4	870.4	870.4
2.5°	870.4	865.5	860.6	840.9	836.0	826.2	821.2	821.2	806.5	816.3	811.4
5°	870.4	865.5	840.9	811.4	796.7	777.0	762.2	752.4	742.6	747.5	742.6
7.5°	885.2	870.4	831.1	791.7	757.3	722.9	688.5	644.2	614.7	604.9	600.0
10°	909.8	890.1	831.1	777.0	708.1	624.5	540.9	491.8	447.5	437.7	437.7
12.5°	939.3	909.8	840.9	752.4	614.7	486.8	403.2	344.2	324.6	319.6	324.6
15°	978.6	939.3	850.8	693.4	506.5	368.8	309.8	304.9	309.8	309.8	314.7
17.5°	1008.1	963.9	850.8	614.7	398.3	300.0	295.1	295.1	300.0	304.9	304.9
20°	1032.7	988.4	840.9	526.2	304.9	285.2	285.2	285.2	290.1	295.1	295.1
22.5°	1057.3	1013.0	801.6	427.8	275.4	275.4	275.4	280.3	280.3	285.2	285.2
25°	1091.7	1042.5	762.2	329.5	265.6	265.6	265.6	270.5	270.5	280.3	280.3
27.5°	1126.1	1081.9	708.1	270.5	250.8	255.7	255.7	255.7	265.6	270.5	270.5
30°	1165.5	1121.2	649.1	250.8	245.9	245.9	245.9	250.8	255.7	260.6	265.6
32.5°	1199.9	1155.6	580.3	241.0	236.0	236.0	236.0	241.0	245.9	250.8	250.8
35°	1258.9	1209.7	521.3	236.0	231.1	236.0	226.2	226.2	226.2	236.0	236.0
37.5°	1303.2	1258.9	467.2	236.0	236.0	231.1	216.4	206.5	201.6	211.5	211.5
40°	1381.9	1327.8	442.6	260.6	250.8	226.2	201.6	182.0	177.0	177.0	182.0
42.5°	1480.2	1406.5	432.8	290.1	255.7	211.5	177.0	152.4	142.6	142.6	147.5
45°	1613.0	1529.4	462.3	304.9	255.7	191.8	152.4	127.9	118.0	118.0	118.0
47.5°	1819.5	1711.3	555.7	309.8	241.0	162.3	127.9	108.2	103.3	103.3	103.3
50°	2055.6	1942.5	703.2	300.0	216.4	137.7	108.2	98.4	93.4	88.5	88.5
52.5°	2365.4	2227.7	865.5	280.3	191.8	122.9	98.4	93.4	88.5	83.6	83.6
55°	2699.8	2517.8	934.4	260.6	167.2	113.1	93.4	88.5	83.6	78.7	78.7
57.5°	3063.7	2739.1	855.7	236.0	147.5	103.3	88.5	83.6	78.7	73.8	73.8
60°	3417.8	2876.8	639.3	211.5	122.9	98.4	83.6	78.7	68.8	63.9	63.9
62.5°	3698.1	2798.1	393.4	182.0	108.2	88.5	78.7	73.8	63.9	54.1	54.1
65°	3653.8	2321.1	236.0	147.5	93.4	83.6	68.8	63.9	54.1	44.3	44.3
67.5°	3580.1	1691.7	142.6	118.0	83.6	68.8	63.9	59.0	49.2	39.3	39.3
70°	*3358.8*	*801.6*	*103.3*	*88.5*	*73.8*	*54.1*	*54.1*	*49.2*	*44.3*	*34.4*	*34.4*
72.5°	2857.2	270.5	73.8	68.8	59.0	39.3	44.3	44.3	34.4	29.5	29.5
75°	2035.9	98.4	54.1	49.2	39.3	34.4	39.3	34.4	34.4	29.5	24.6
77.5°	845.8	54.1	44.3	39.3	29.5	29.5	29.5	29.5	24.6	19.7	19.7
80°	186.9	39.3	34.4	29.5	24.6	24.6	24.6	24.6	19.7	14.8	14.8
82.5°	54.1	29.5	24.6	19.7	19.7	19.7	19.7	14.8	14.8	14.8	14.8
85°	24.6	19.7	14.8	14.8	14.8	14.8	14.8	9.8	14.8	9.8	9.8
87.5°	14.8	9.8	9.8	4.9	4.9	4.9	4.9	9.8	9.8	9.8	9.8
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

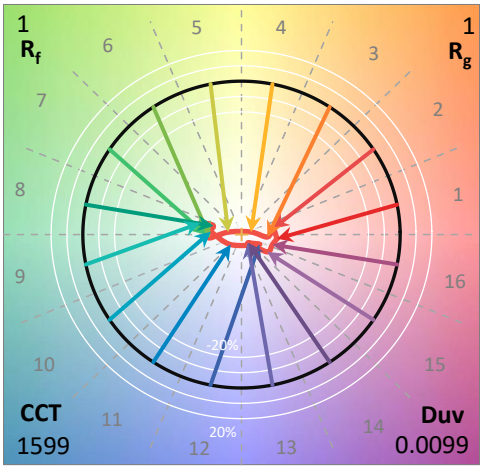
Test Information

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

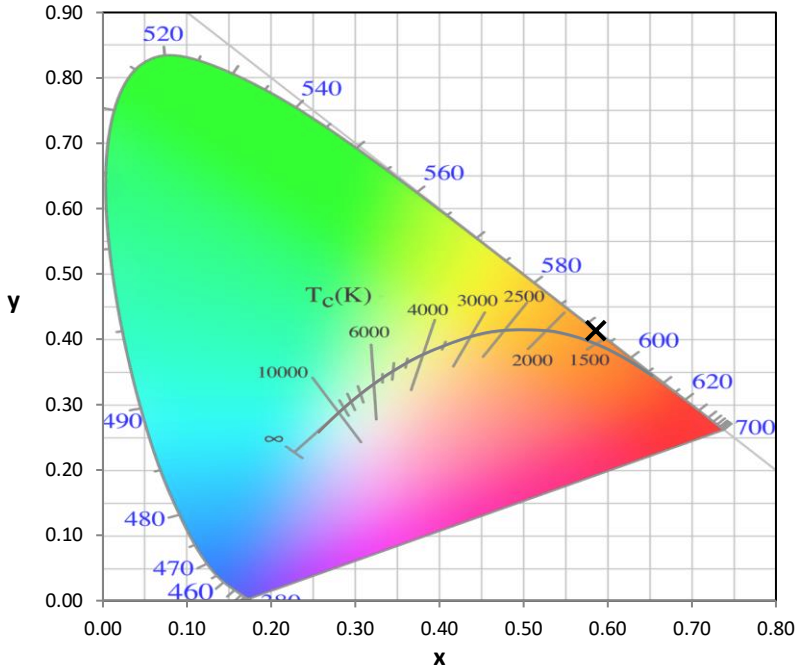
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

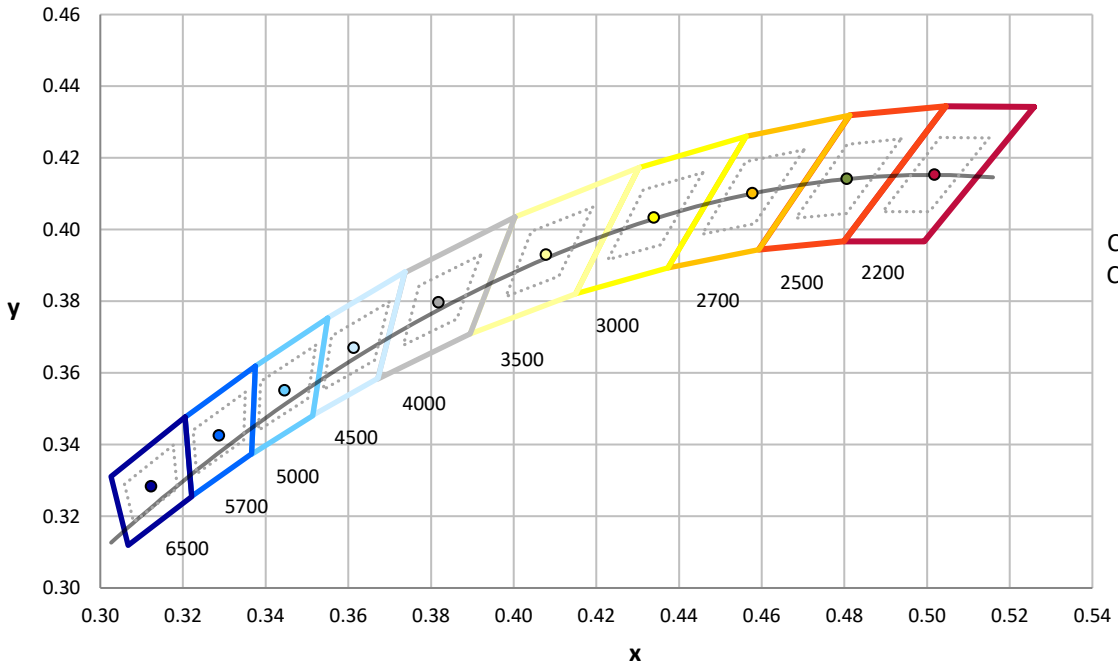
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

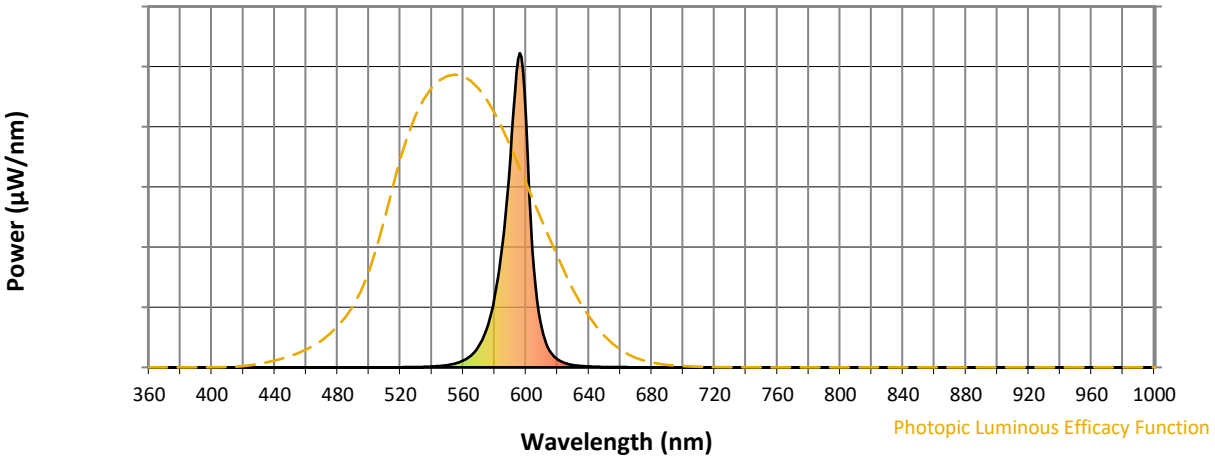


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

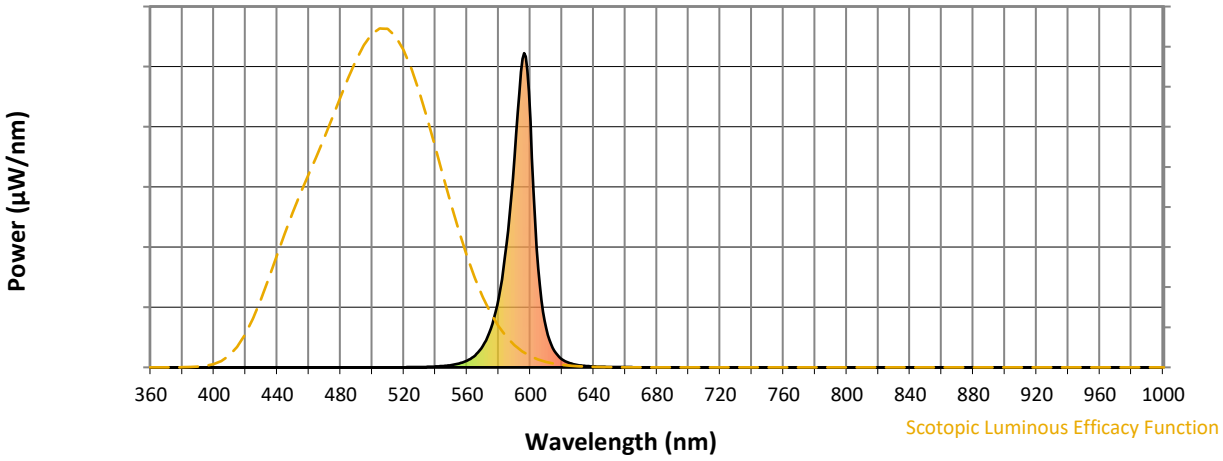


Photopic Lumens: NR

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

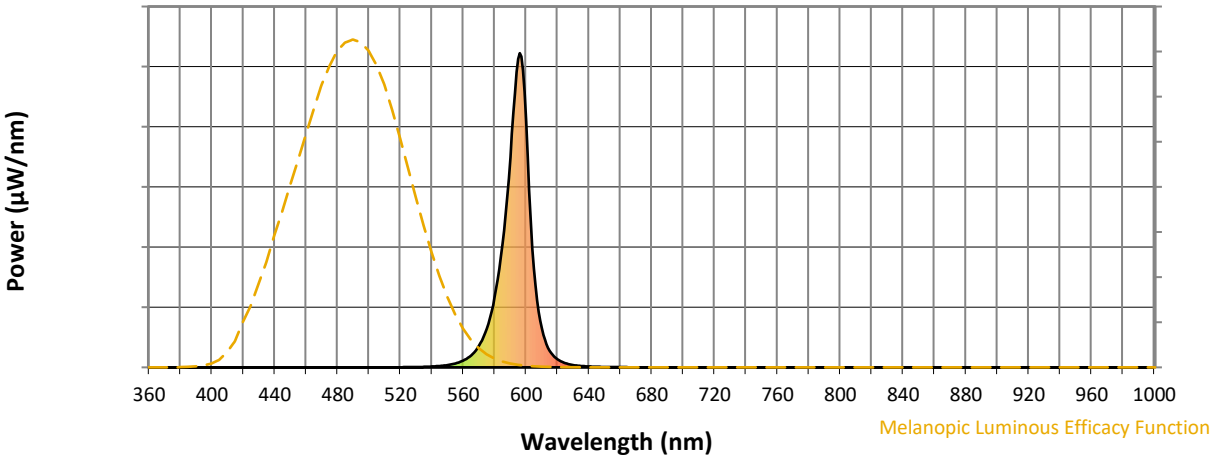


Scotopic Lumens: NR **S/P: 0.23**

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			

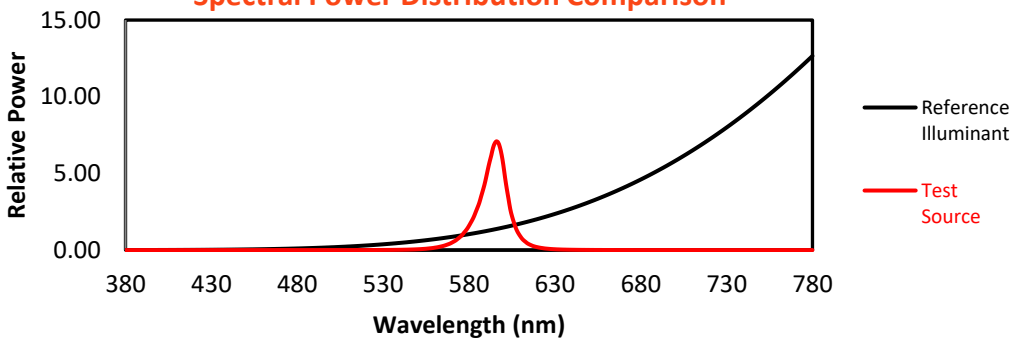
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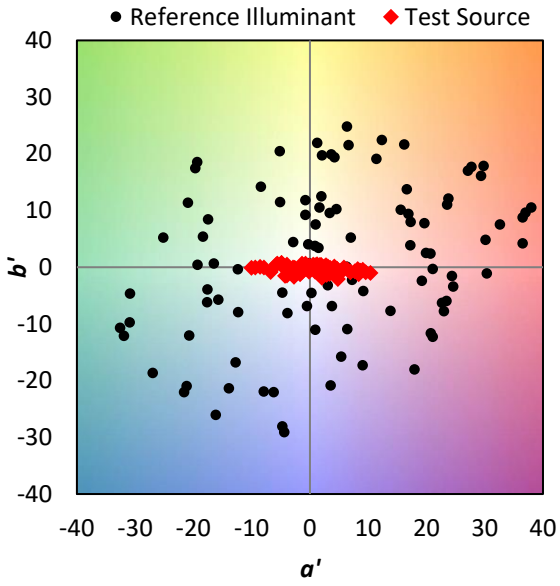
Summary

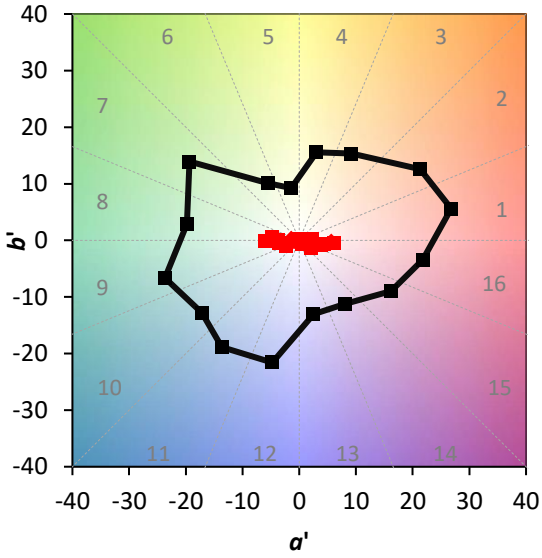
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

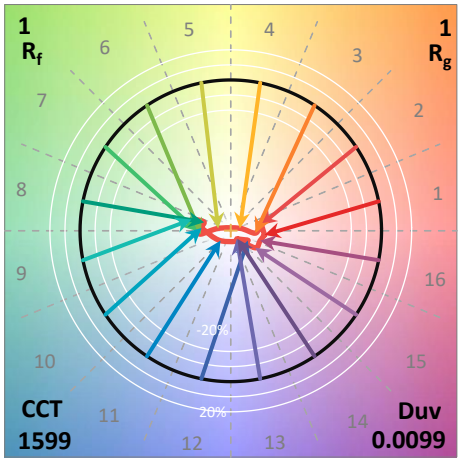
Spectral Power Distribution Comparison

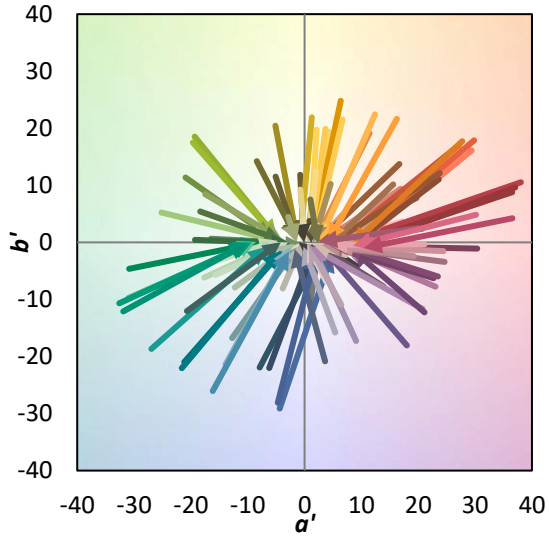


Color Vector Graphics







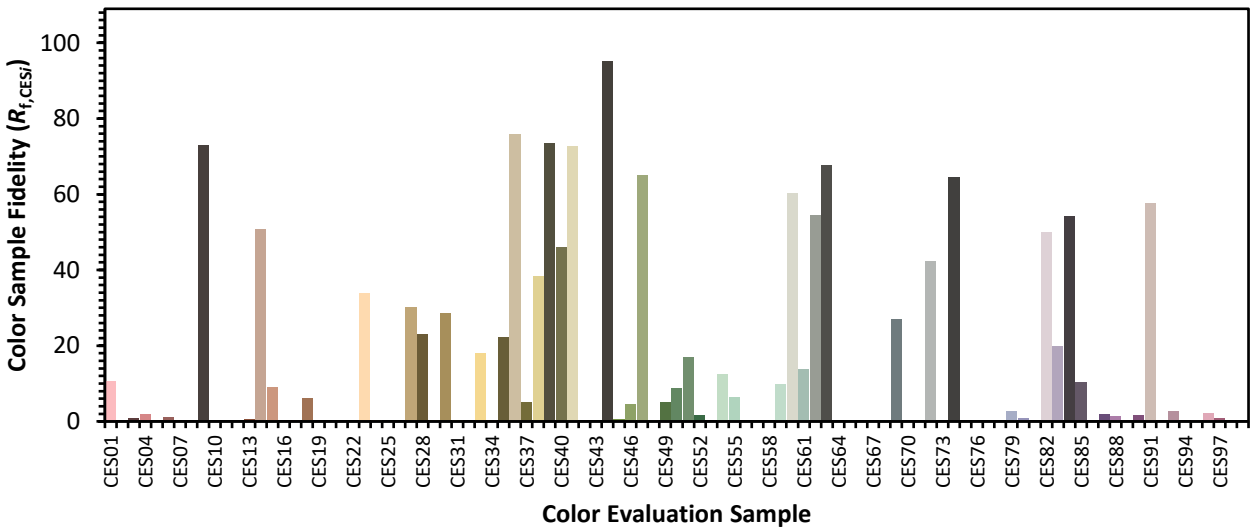


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Individual Sample Fidelity Index ($R_{f,i}$)

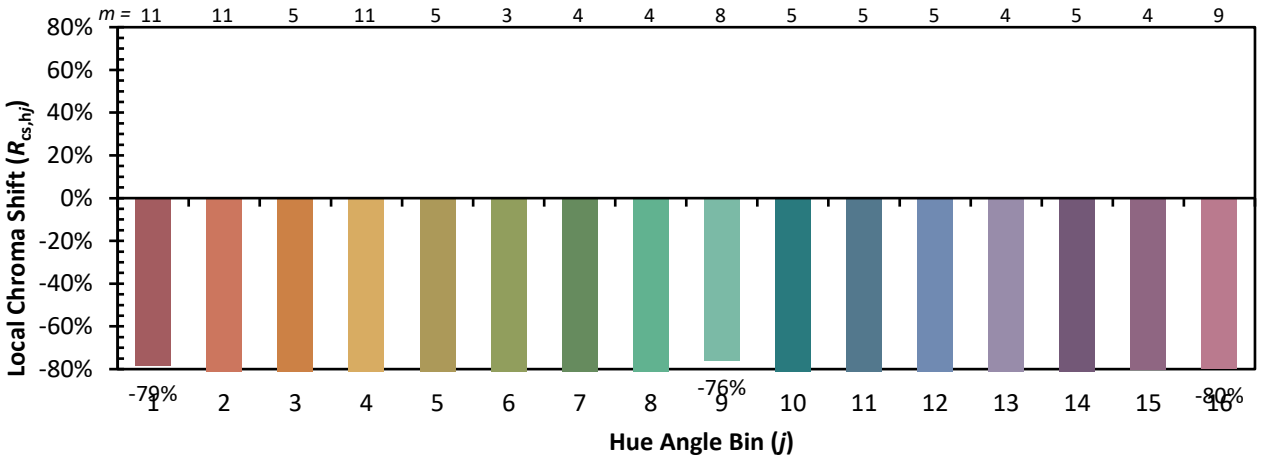
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

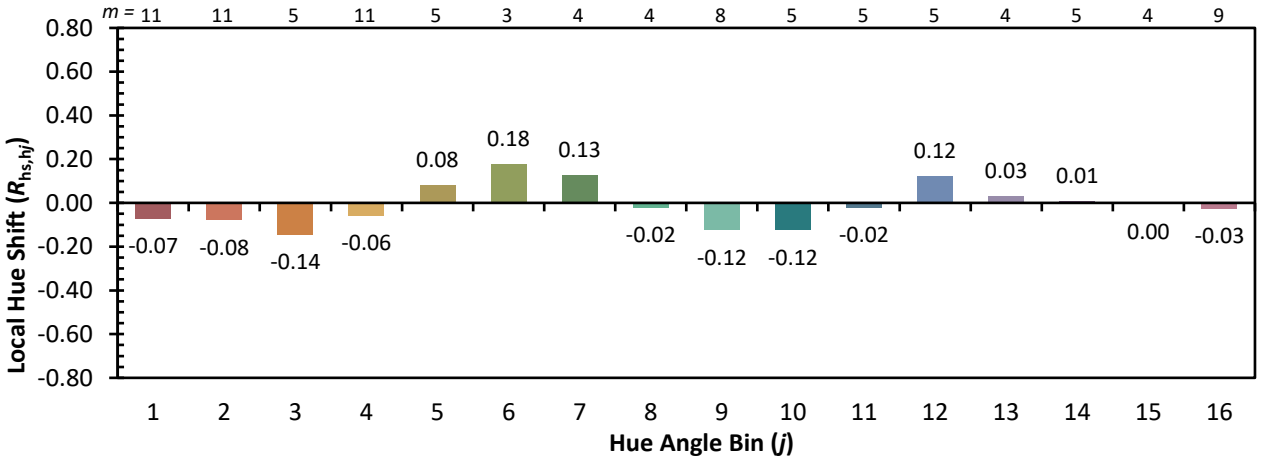


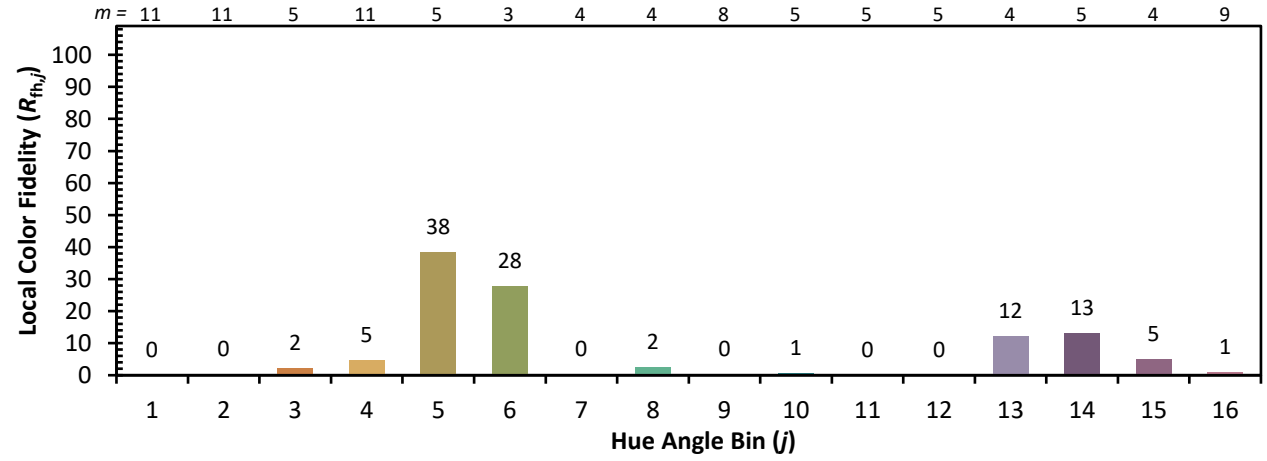
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Color Rendition by Hue-Angle Bin



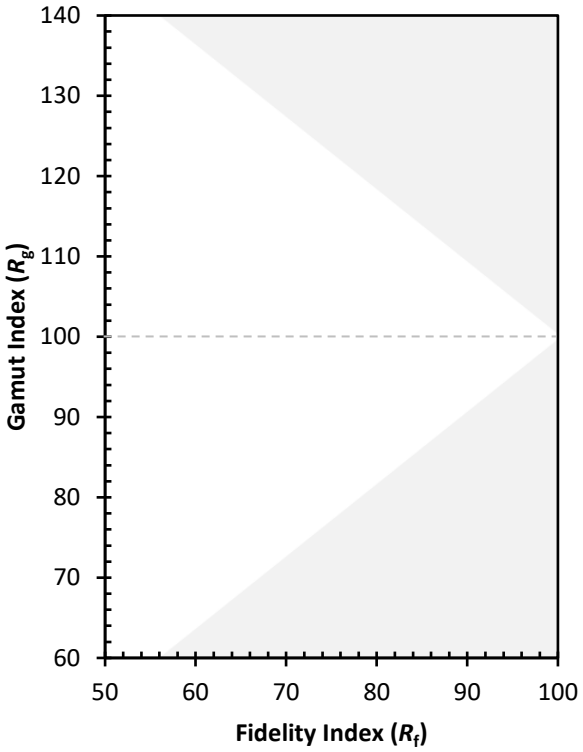


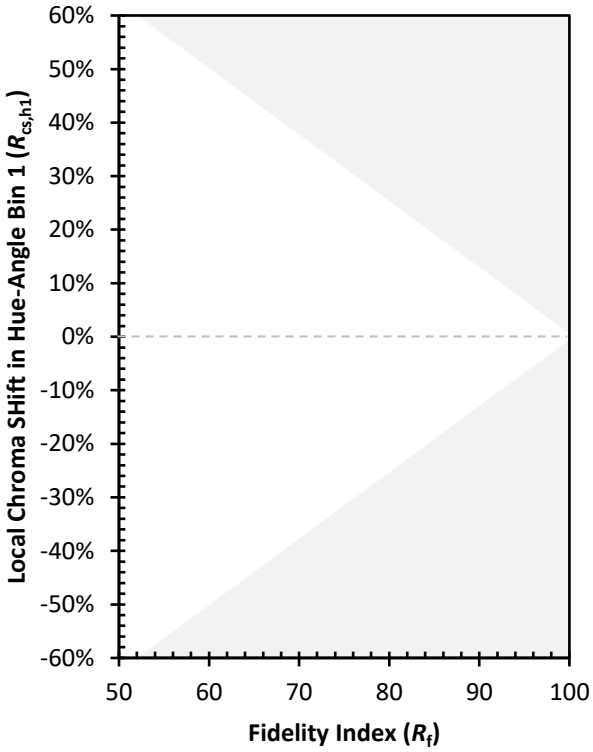


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Measure Comparisons





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