Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1704730

Luminaire Tested: GSS-SB3A-AMB-U-SL3-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:	P1704730
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-AMB-U-SL3-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T3 SPILL CONTROL DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4736.3 lumens
Efficiency:	N/A
Efficacy:	46.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	101
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

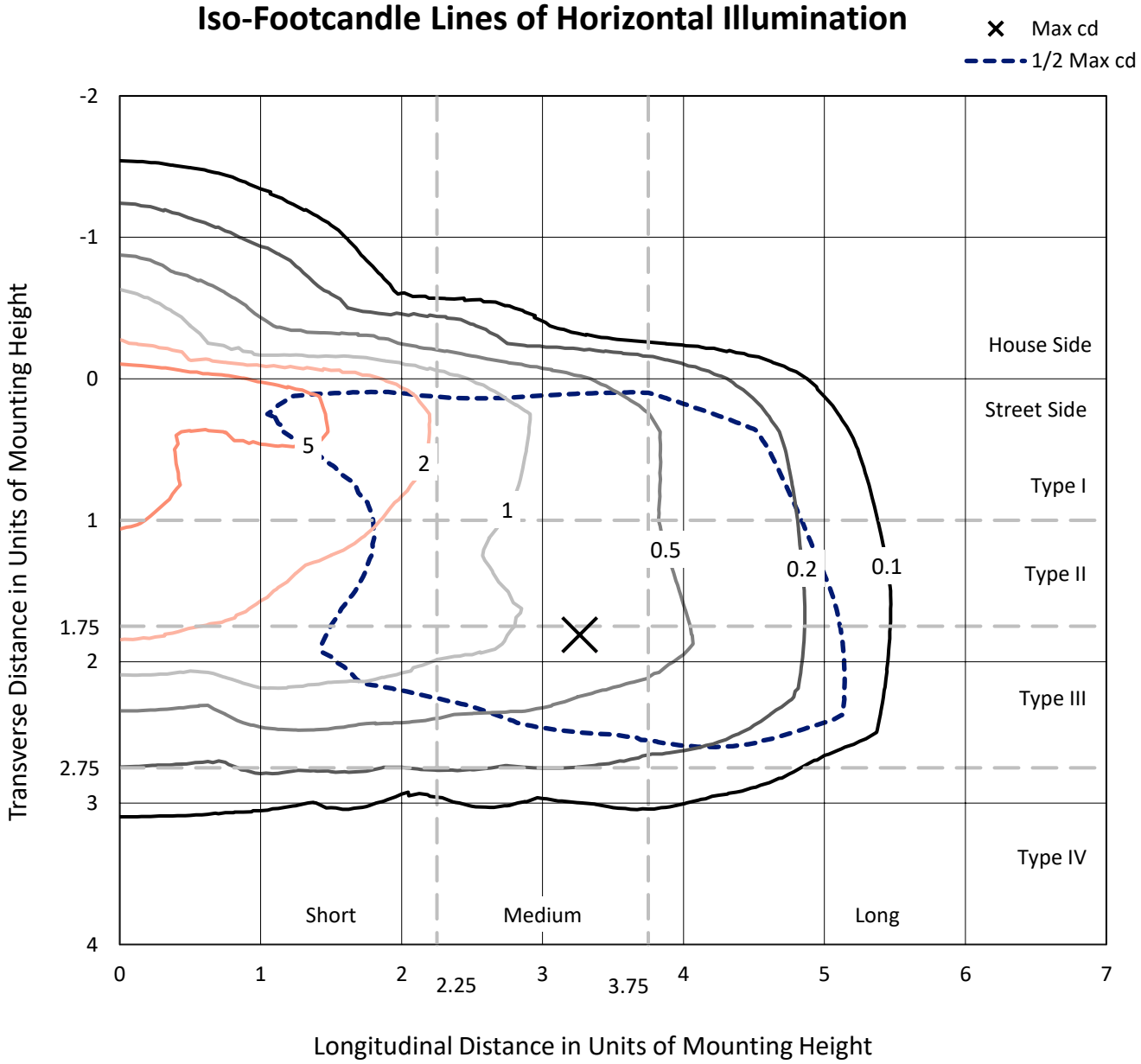


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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



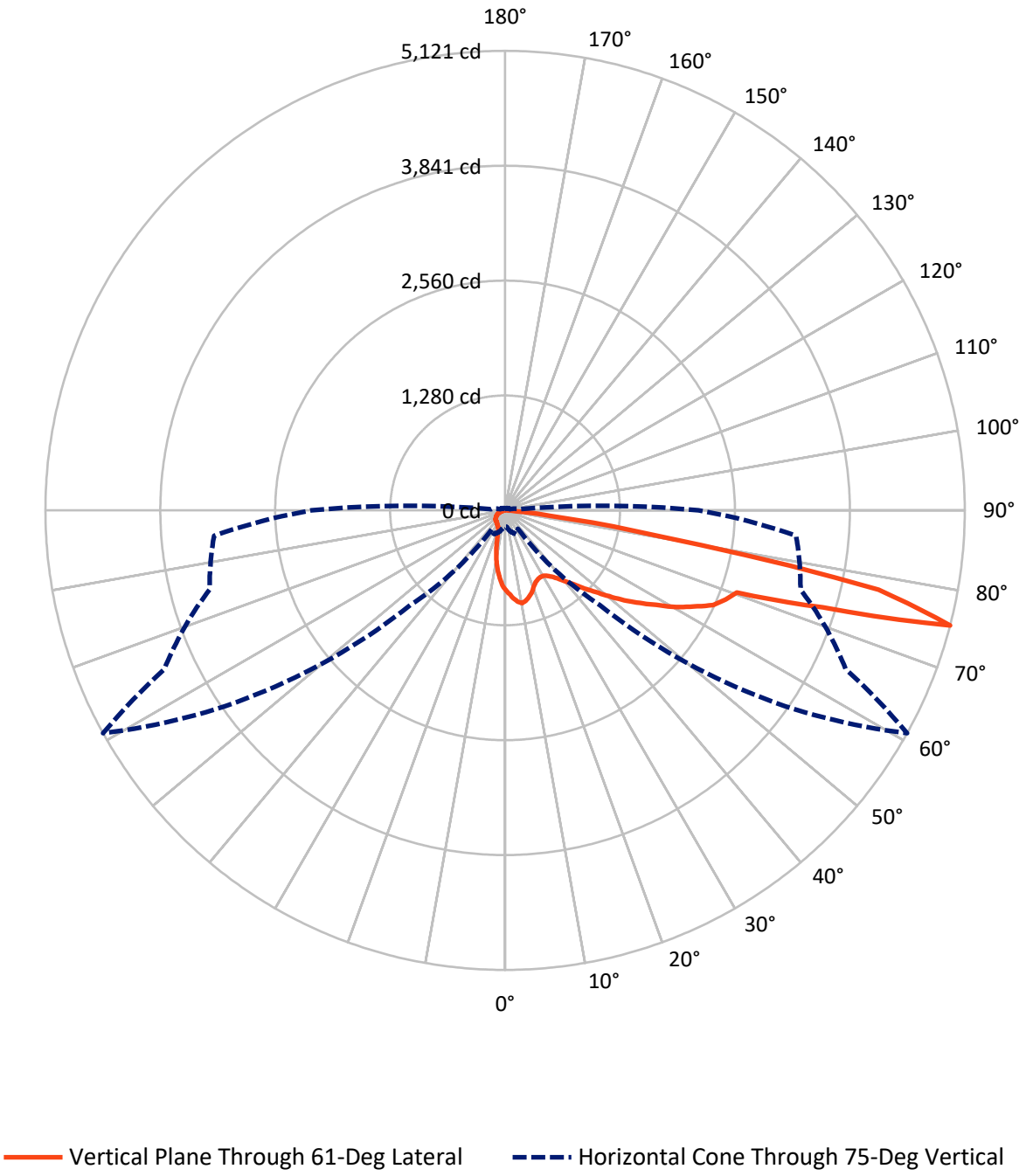
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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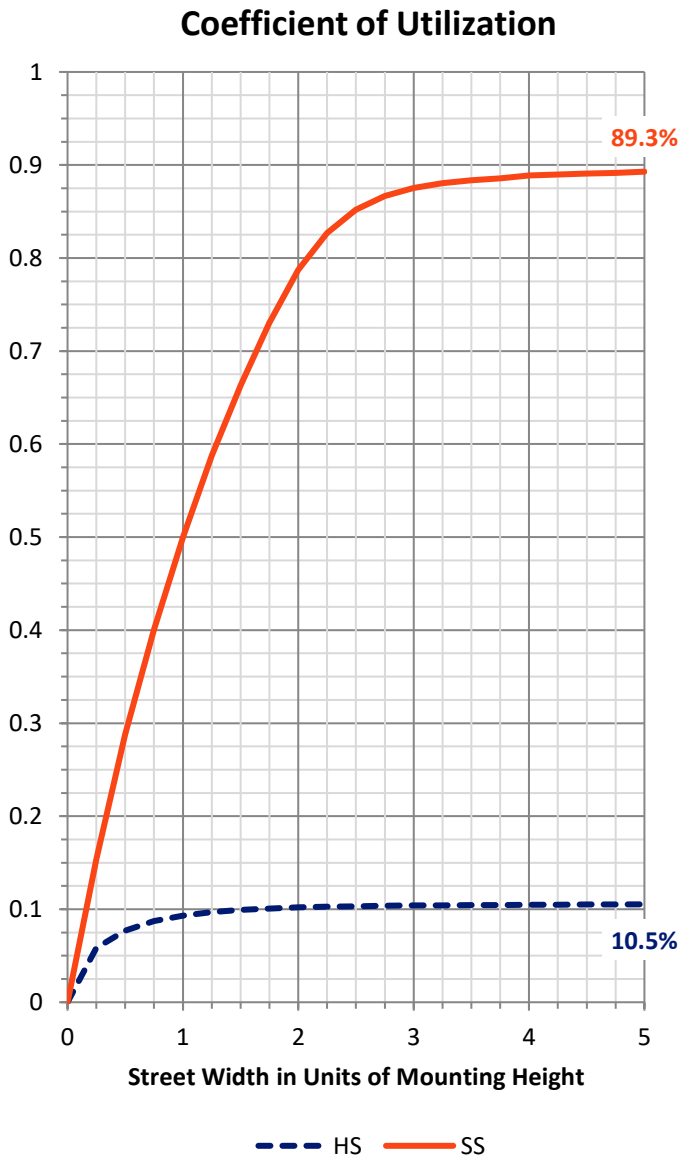
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	502.7	0.0	502.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4233.6	0.0	4233.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	4736.3	0.0	4736.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.1	1.6
10°-20°	172.2	3.6
20°-30°	263.5	5.6
30°-40°	408.5	8.6
40°-50°	651.1	13.7
50°-60°	952.4	20.1
60°-70°	1154.5	24.4
70°-80°	963.3	20.3
80°-90°	94.8	2.0
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°	4736.3	100.0
0°-180°	4736.3	100.0



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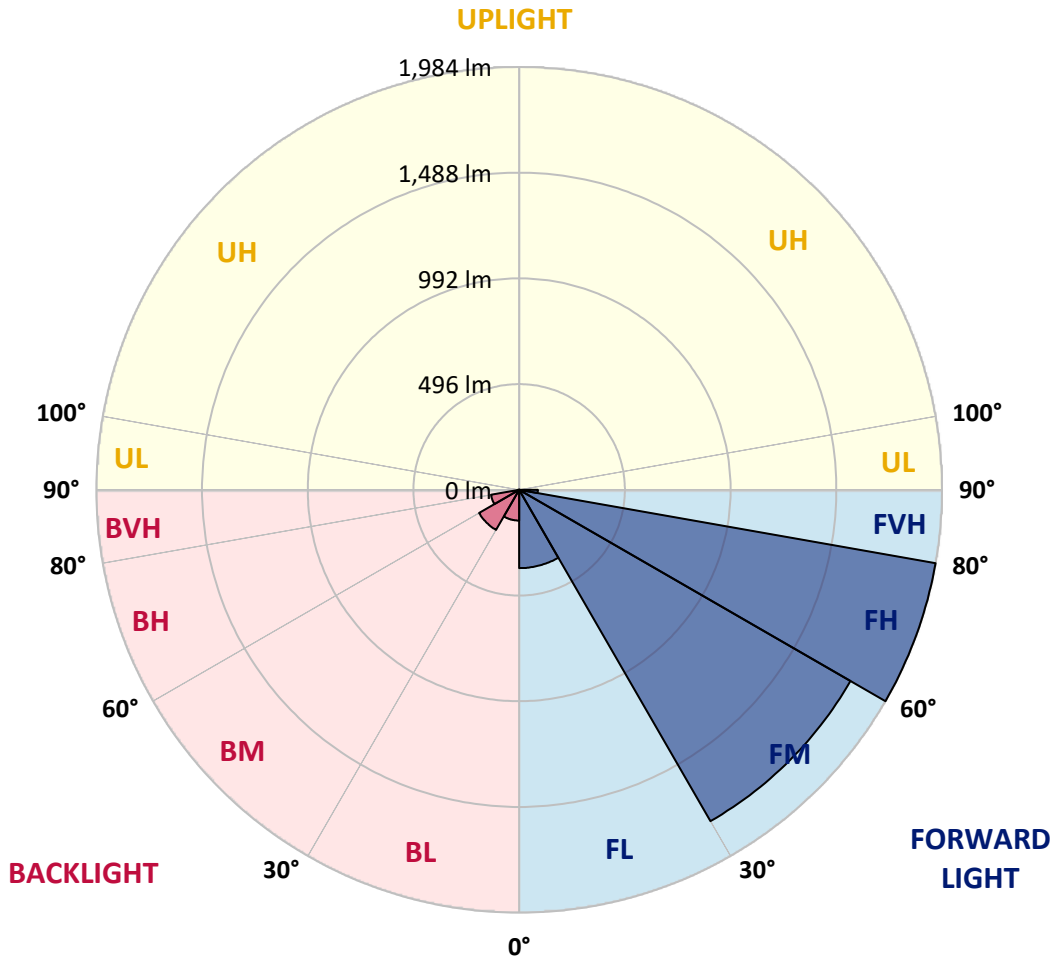
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	367.4	7.8			
FM	(30°-60°)	1794.9	37.9			
FH	(60°-80°)	1983.7	41.9			G2/5000
FVH	(80°-90°)	87.5	1.8			G1/100
BL	(0°-30°)	144.3	3.0	B1/500		
BM	(30°-60°)	217.0	4.6	B0/220		
BH	(60°-80°)	134.1	2.8	B1/500		G1/500
BVH	(80°-90°)	7.3	0.2			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 III Medium



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	61°	65°	75°	85°
0°	888.3	888.3	888.3	888.3	888.3	888.3	888.3	*888.3*	888.3	888.3	888.3
2.5°	984.1	978.1	978.1	975.1	963.1	957.1	948.2	*933.2*	927.2	921.2	897.3
5°	1040.9	1028.9	1031.9	1028.9	1019.9	1017.0	999.0	*984.1*	981.1	951.2	906.3
7.5°	921.2	918.3	930.2	951.2	990.0	1025.9	1037.9	*1028.9*	1019.9	984.1	927.2
10°	795.6	786.6	798.6	822.5	879.4	951.2	1022.9	*1049.9*	1046.9	1017.0	945.2
12.5°	714.9	711.9	714.9	738.8	783.7	852.5	975.1	*1031.9*	1070.8	1052.9	966.1
15°	670.0	670.0	673.0	687.9	723.8	789.6	912.3	*999.0*	1058.8	1088.7	987.0
17.5°	667.0	661.0	658.0	670.0	693.9	744.8	849.5	*963.1*	1043.9	1133.6	1017.0
20°	679.0	676.0	673.0	673.0	682.0	720.8	804.6	*909.3*	1025.9	1172.5	1043.9
22.5°	717.9	711.9	699.9	690.9	693.9	705.9	777.7	*870.4*	1002.0	1223.3	1073.8
25°	756.7	750.8	732.8	726.8	711.9	708.9	768.7	*849.5*	978.1	1289.1	1115.7
27.5°	816.6	813.6	786.6	765.7	744.8	729.8	768.7	*840.5*	966.1	1360.9	1160.5
30°	873.4	867.4	843.5	822.5	786.6	762.7	786.6	*843.5*	966.1	1444.7	1214.4
32.5°	975.1	966.1	915.3	879.4	843.5	804.6	816.6	*870.4*	981.1	1555.3	1289.1
35°	1124.6	1112.7	1055.8	954.1	894.3	858.4	855.4	*909.3*	1017.0	1672.0	1402.8
37.5°	1175.5	1160.5	1130.6	1088.7	969.1	915.3	909.3	*966.1*	1076.8	1809.6	1516.5
40°	1262.2	1241.3	1196.4	1142.6	1112.7	978.1	978.1	*1043.9*	1163.5	1965.1	1654.1
42.5°	1372.9	1354.9	1289.1	1235.3	1193.4	1112.7	1055.8	*1127.6*	1268.2	2159.5	1836.5
45°	1471.6	1468.6	1393.8	1331.0	1277.2	1280.2	1154.5	*1241.3*	1390.8	2362.9	2057.8
47.5°	1600.2	1579.3	1501.5	1432.7	1378.9	1328.0	1271.2	*1357.9*	1546.4	2560.3	2252.3
50°	1707.9	1687.0	1627.1	1543.4	1495.5	1352.0	1372.9	*1504.5*	1704.9	2727.8	2404.8
52.5°	1779.7	1746.8	1681.0	1660.0	1594.2	1423.7	1489.5	*1663.0*	1869.4	2883.4	2533.4
55°	1830.5	1806.6	1713.9	1713.9	1692.9	1522.4	1630.1	*1821.6*	2016.0	2997.0	2635.1
57.5°	1914.3	1881.4	1752.8	1713.9	1743.8	1633.1	1800.6	*1986.1*	2153.6	3086.8	2748.8
60°	2045.9	2001.0	1857.4	1806.6	1770.7	1761.7	1998.0	*2189.5*	2321.1	3125.7	2850.5
62.5°	1704.9	1728.8	1782.7	1959.1	1920.3	1935.2	2192.4	*2357.0*	2491.5	3173.5	2937.2
65°	1109.7	1142.6	1244.3	2048.9	2228.3	2198.4	2437.7	*2545.4*	2608.2	3068.8	2829.5
67.5°	741.8	741.8	786.6	1815.6	2428.7	2805.6	2730.8	*2650.1*	2563.3	2877.4	2799.6
70°	496.5	490.5	526.4	1211.4	2069.8	3236.3	3224.4	*2739.8*	2617.2	2922.3	2886.4
72.5°	314.1	320.0	358.9	448.7	1142.6	2521.5	4220.4	*3699.9*	2997.0	3009.0	3050.9
75°	*179.5*	*185.4*	*245.3*	*290.1*	*251.2*	*1492.5*	*3798.6*	*5120.7*	*4187.5*	*3406.8*	*3254.3*
77.5°	113.7	119.6	173.5	239.3	125.6	376.9	2267.2	*4253.3*	4950.2	3370.9	2569.3
80°	50.8	50.8	107.7	179.5	86.7	104.7	843.5	*1701.9*	2443.7	1884.4	1025.9
82.5°	15.0	17.9	56.8	83.7	53.8	56.8	260.2	*508.5*	816.6	586.2	146.6
85°	9.0	9.0	29.9	38.9	26.9	26.9	38.9	*134.6*	143.6	62.8	38.9
87.5°	0.0	3.0	3.0	6.0	6.0	6.0	9.0	*12.0*	15.0	15.0	15.0
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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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	888.3	888.3	888.3	888.3	888.3	888.3	888.3	888.3	888.3	888.3	888.3
2.5°	894.3	885.4	861.4	843.5	828.5	813.6	795.6	783.7	780.7	780.7	780.7
5°	894.3	864.4	825.5	774.7	726.8	690.9	658.0	625.1	613.2	604.2	610.2
7.5°	891.3	855.4	780.7	699.9	628.1	559.3	496.5	460.6	424.7	409.8	397.8
10°	897.3	843.5	732.8	619.1	514.5	403.8	323.0	281.2	263.2	260.2	257.2
12.5°	906.3	834.5	687.9	538.4	373.9	275.2	239.3	230.3	227.3	233.3	233.3
15°	912.3	822.5	634.1	424.7	266.2	227.3	218.3	218.3	221.3	224.3	224.3
17.5°	921.2	810.6	574.3	314.1	221.3	212.4	209.4	209.4	212.4	215.4	218.3
20°	924.2	792.6	493.5	242.3	209.4	203.4	203.4	200.4	203.4	209.4	209.4
22.5°	933.2	771.7	394.8	209.4	197.4	194.4	194.4	191.4	197.4	200.4	200.4
25°	945.2	753.7	296.1	197.4	188.4	185.4	182.5	182.5	188.4	191.4	191.4
27.5°	957.1	726.8	239.3	188.4	182.5	176.5	173.5	173.5	176.5	182.5	185.4
30°	975.1	687.9	209.4	179.5	170.5	164.5	161.5	161.5	167.5	173.5	176.5
32.5°	1019.9	625.1	191.4	173.5	164.5	155.5	152.5	149.6	152.5	161.5	164.5
35°	1085.8	544.4	185.4	167.5	155.5	146.6	140.6	137.6	140.6	149.6	149.6
37.5°	1148.6	442.7	185.4	161.5	149.6	140.6	131.6	125.6	125.6	134.6	134.6
40°	1190.4	367.9	188.4	161.5	146.6	134.6	122.6	110.7	116.7	122.6	122.6
42.5°	1223.3	347.0	194.4	161.5	143.6	128.6	110.7	101.7	107.7	110.7	110.7
45°	1253.3	355.9	197.4	161.5	140.6	119.6	98.7	95.7	98.7	101.7	101.7
47.5°	1301.1	397.8	197.4	152.5	131.6	107.7	92.7	89.7	89.7	92.7	95.7
50°	1375.9	460.6	197.4	143.6	125.6	101.7	89.7	83.7	80.8	83.7	86.7
52.5°	1483.6	517.5	197.4	134.6	119.6	95.7	83.7	77.8	74.8	74.8	74.8
55°	1597.2	574.3	194.4	128.6	113.7	89.7	80.8	74.8	68.8	68.8	68.8
57.5°	1701.9	634.1	176.5	122.6	104.7	86.7	77.8	68.8	62.8	59.8	59.8
60°	1824.5	685.0	158.5	113.7	98.7	80.8	68.8	62.8	56.8	50.8	50.8
62.5°	1887.4	693.9	134.6	104.7	92.7	74.8	65.8	56.8	47.9	44.9	41.9
65°	1830.5	637.1	116.7	92.7	80.8	68.8	56.8	50.8	41.9	35.9	32.9
67.5°	1878.4	634.1	95.7	80.8	71.8	59.8	50.8	44.9	35.9	29.9	29.9
70°	1938.2	517.5	80.8	71.8	62.8	50.8	41.9	38.9	32.9	26.9	26.9
72.5°	2096.7	373.9	65.8	59.8	53.8	38.9	35.9	32.9	26.9	23.9	20.9
75°	*2156.6*	*158.5*	*53.8*	*47.9*	*41.9*	*32.9*	*29.9*	*26.9*	*20.9*	*17.9*	*17.9*
77.5°	1603.2	65.8	41.9	35.9	29.9	23.9	23.9	20.9	17.9	12.0	12.0
80°	592.2	44.9	32.9	26.9	23.9	20.9	17.9	15.0	12.0	9.0	9.0
82.5°	68.8	29.9	23.9	17.9	17.9	15.0	12.0	9.0	9.0	6.0	6.0
85°	26.9	17.9	15.0	15.0	12.0	9.0	9.0	9.0	6.0	6.0	6.0
87.5°	15.0	12.0	9.0	9.0	6.0	6.0	6.0	3.0	3.0	6.0	3.0
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

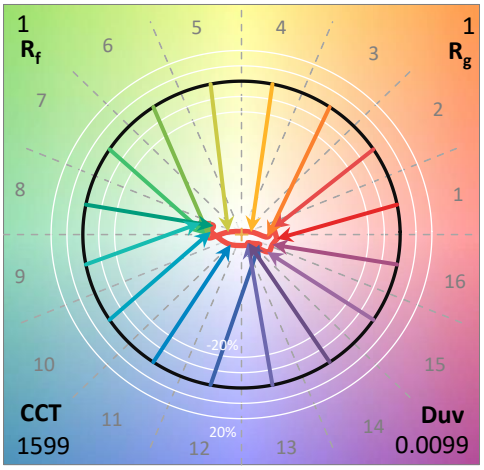
Test Information

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

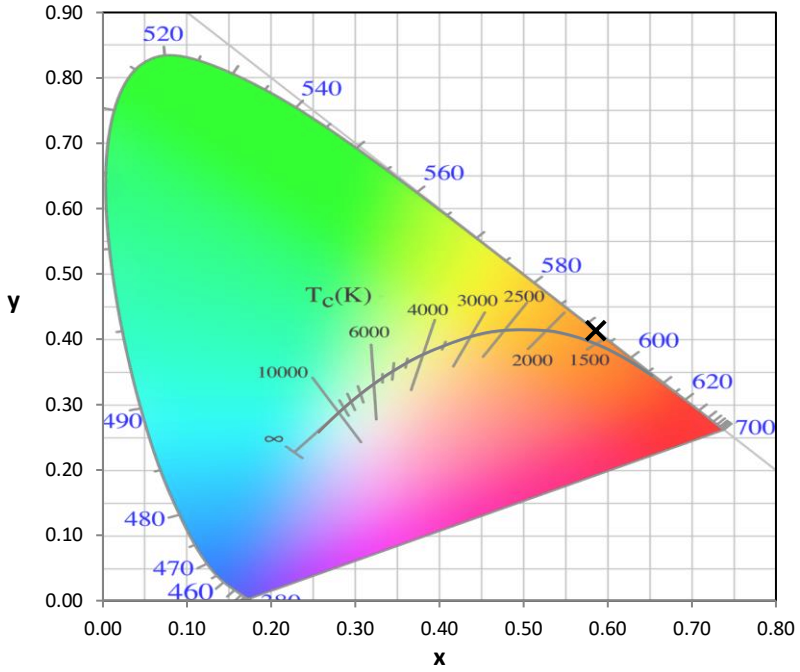
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

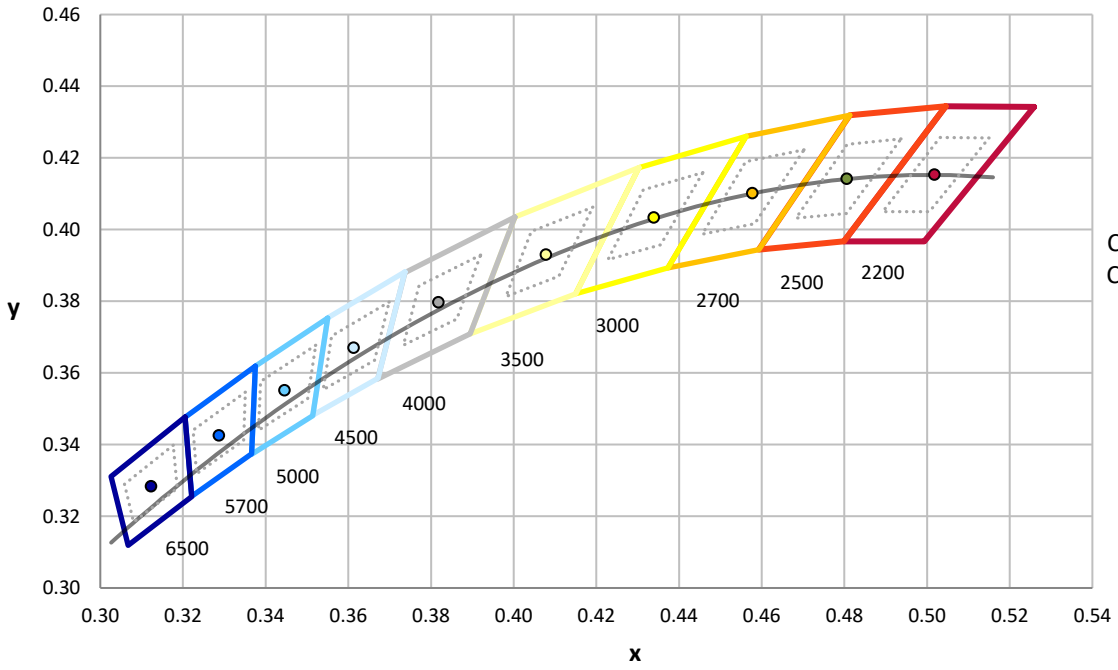
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

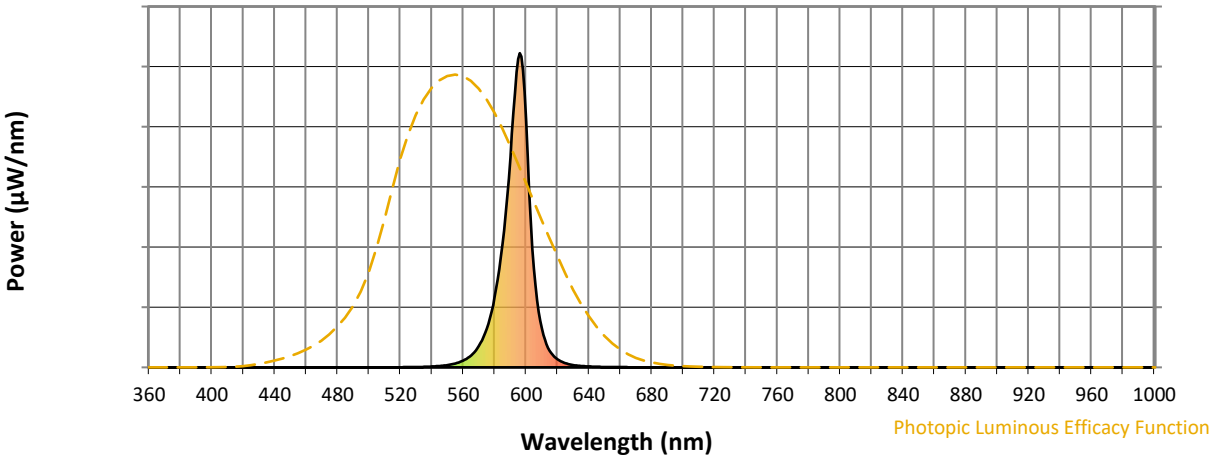


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

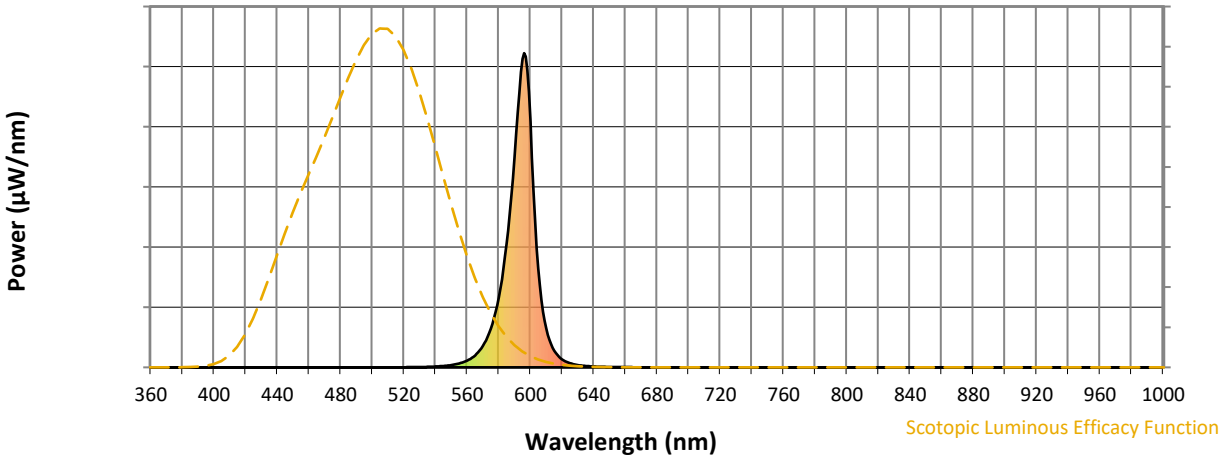


Photopic Lumens: NR

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

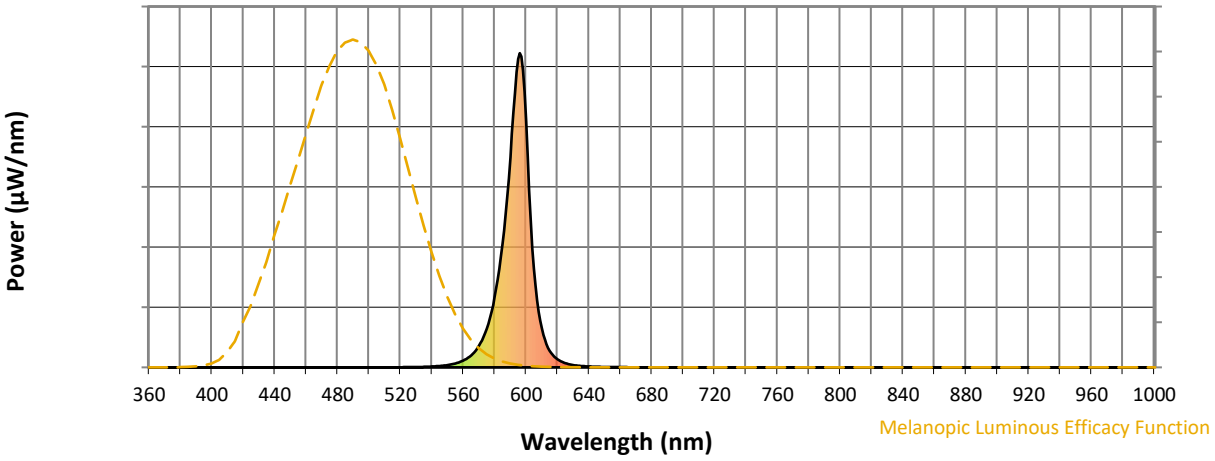


Scotopic Lumens: NR **S/P: 0.23**

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			

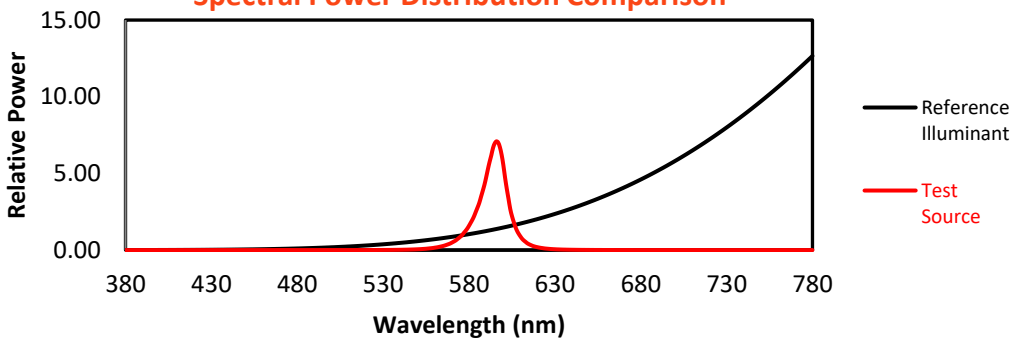
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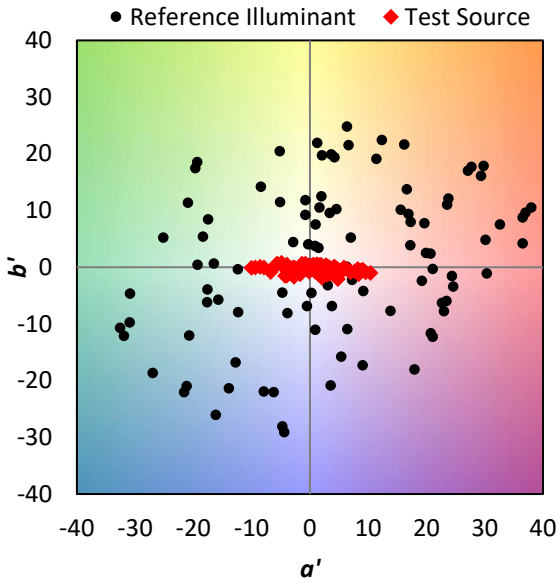
Summary

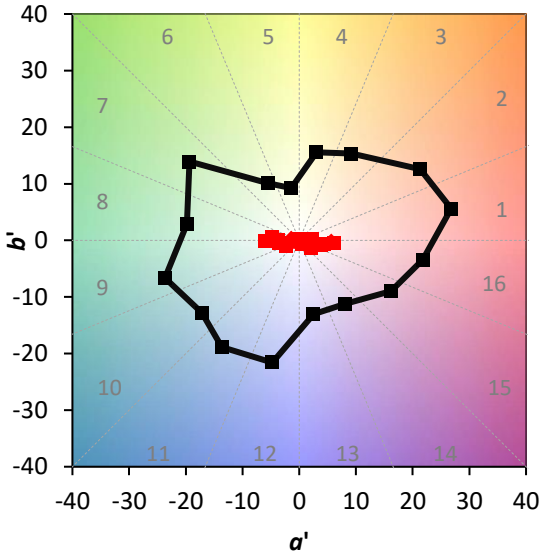
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

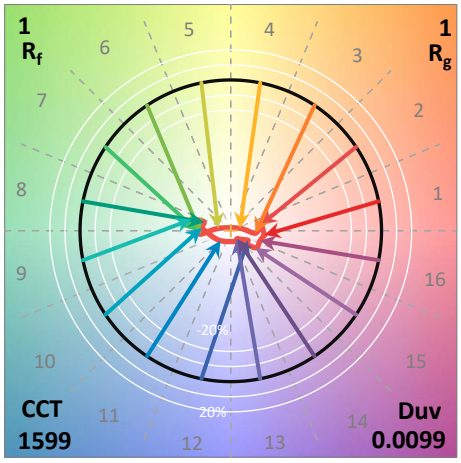
Spectral Power Distribution Comparison

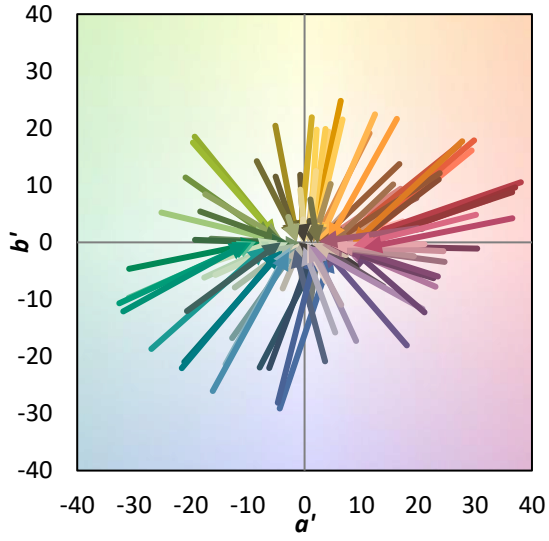


Color Vector Graphics







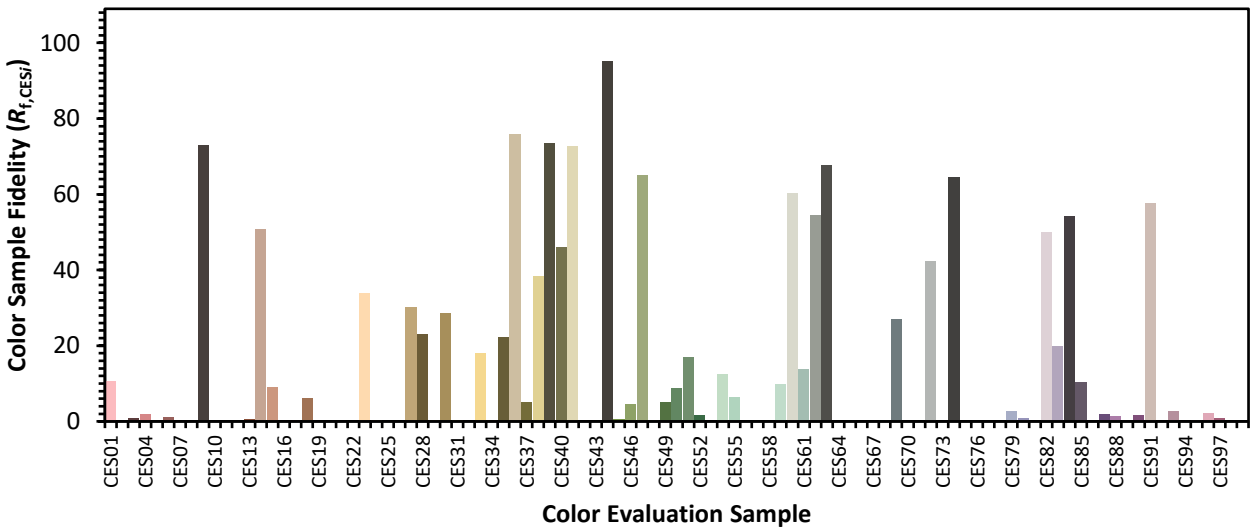


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Individual Sample Fidelity Index ($R_{f,i}$)

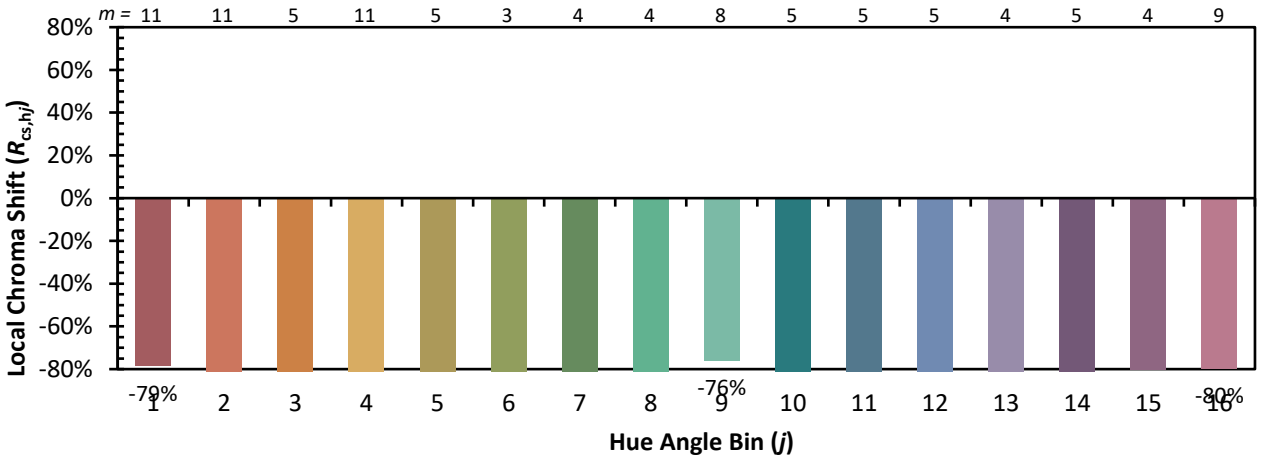
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

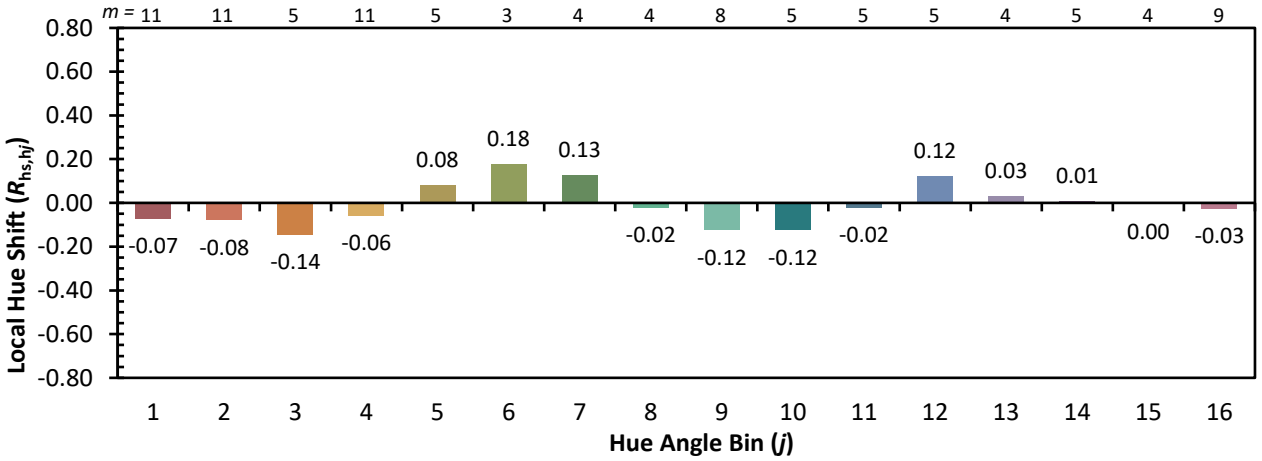


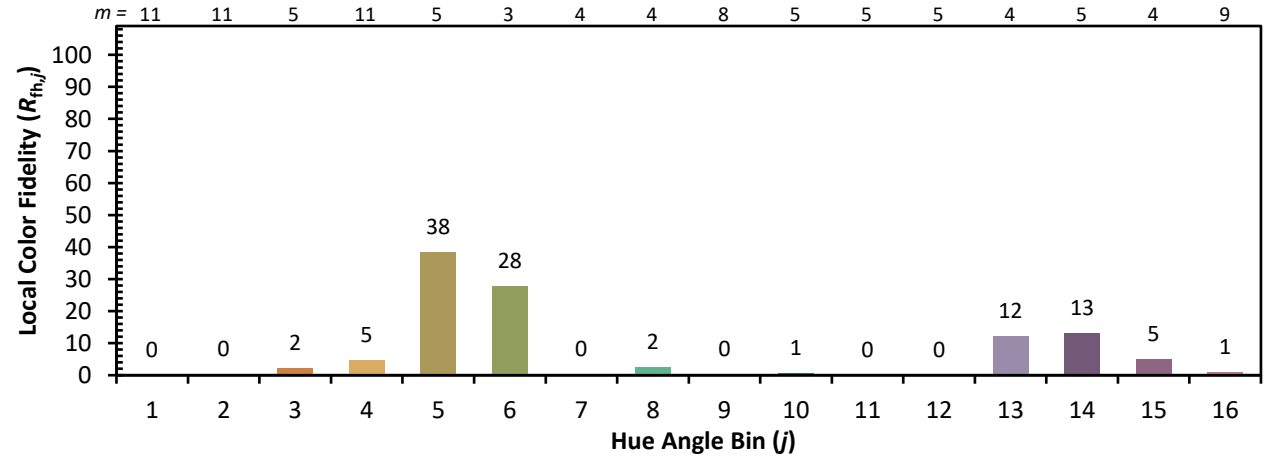
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Color Rendition by Hue-Angle Bin



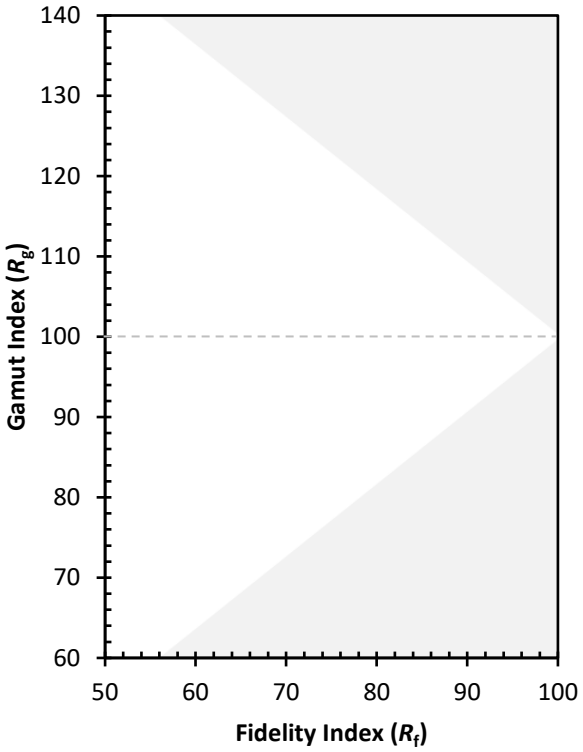


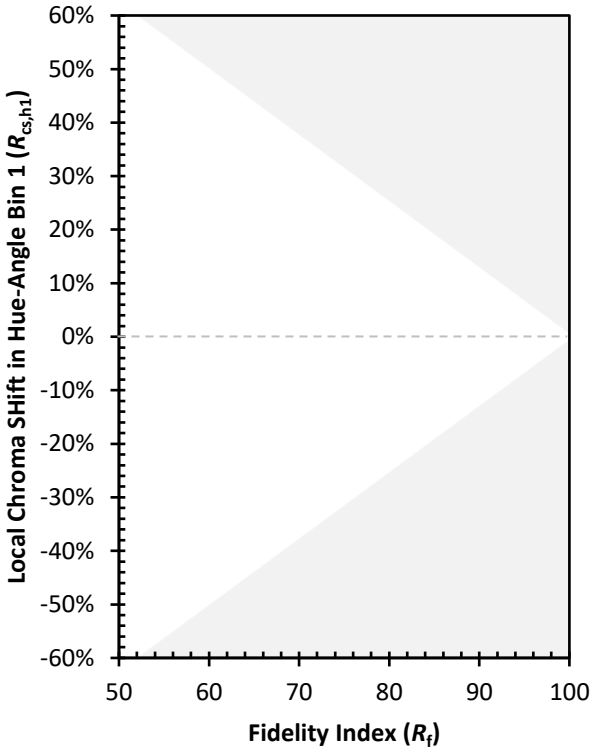


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Measure Comparisons





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