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: P1704730

Luminaire Tested: GSS-SB3A-AMB-U-T4LG-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-T4LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 LOW GLARE 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:	4978.4 lumens
Efficiency:	N/A
Efficacy:	49.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

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

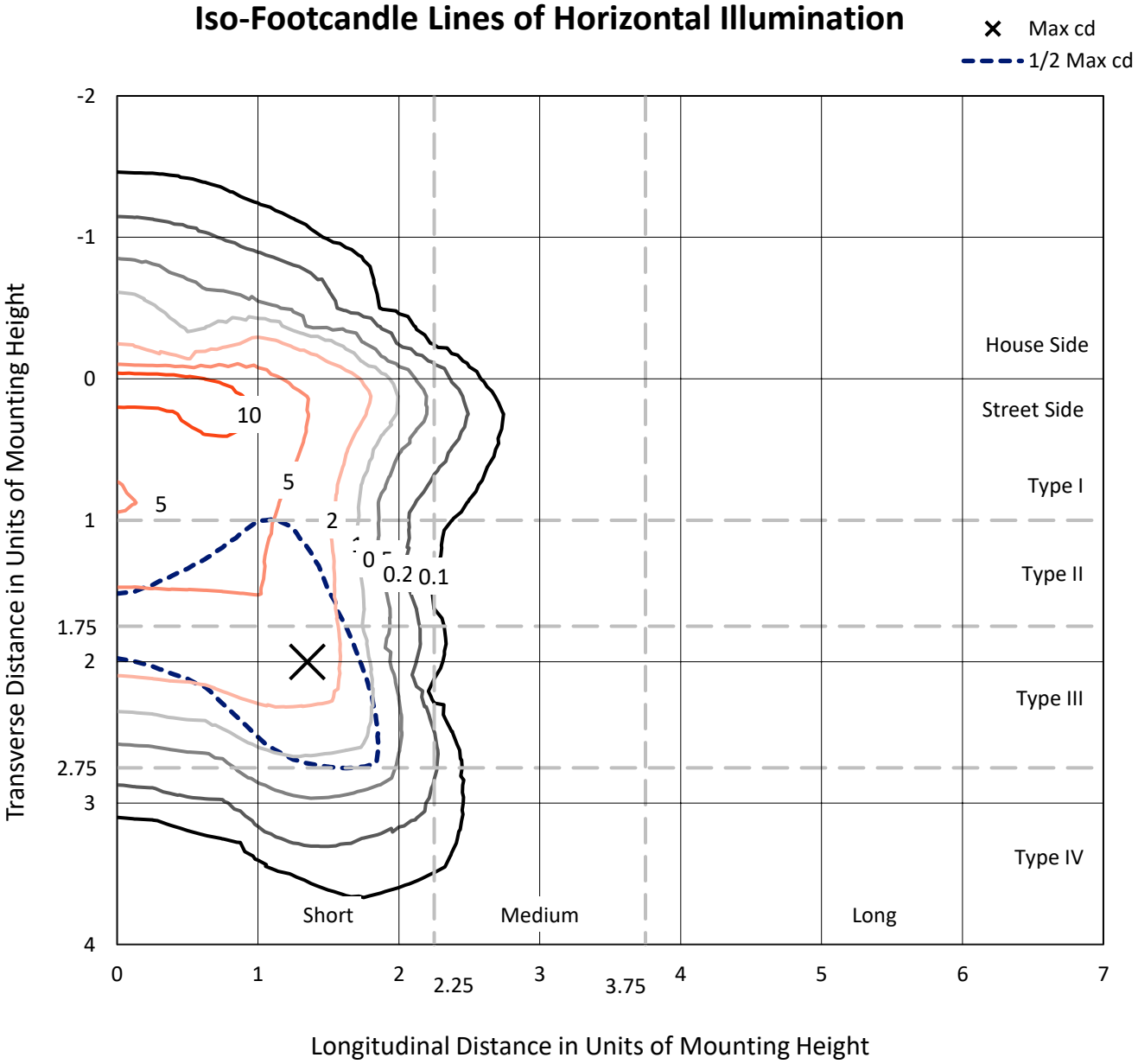


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



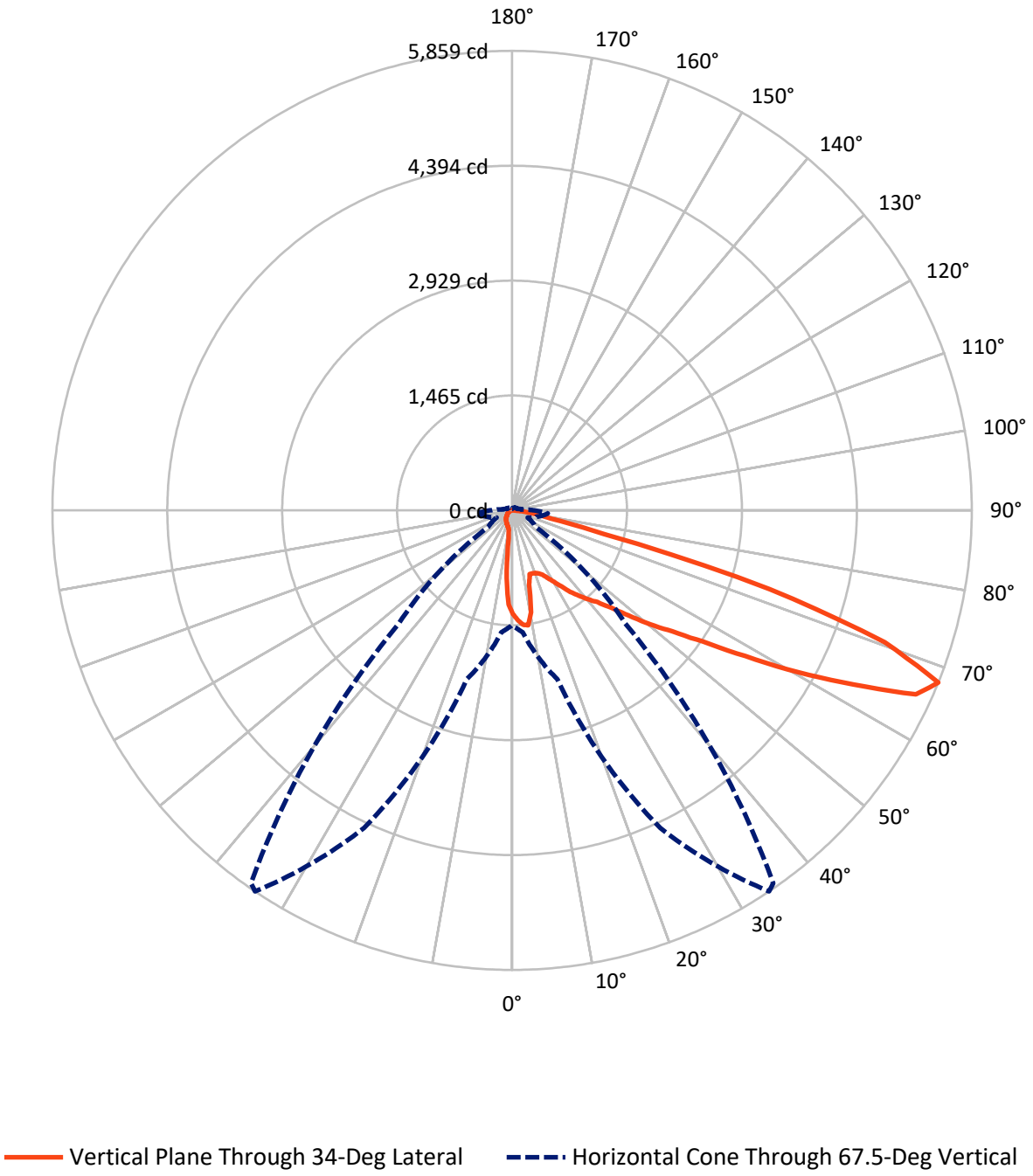
Based on 10 foot mounting height. Maximum calculated value = 14.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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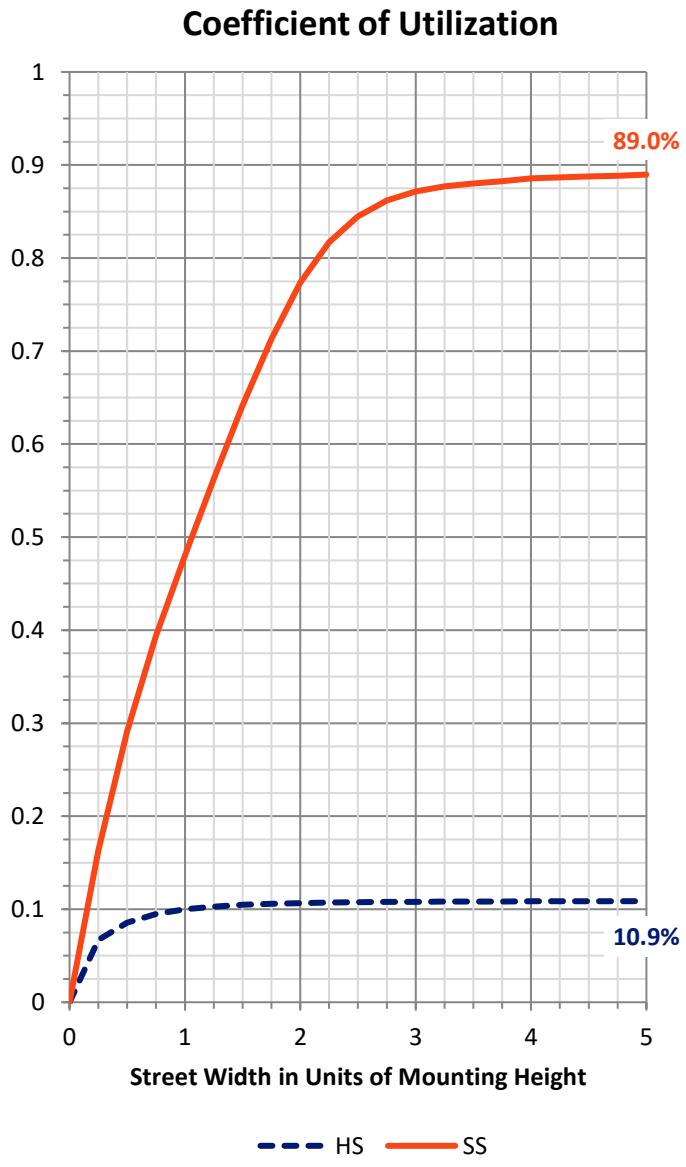
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	544.9	0.0	544.9
	% Fixture	10.9	0.0	10.9
Street Side	Lumens	4433.5	0.0	4433.5
	% Fixture	89.1	0.0	89.1
Total	Lumens	4978.4	0.0	4978.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.7	2.1
10°-20°	225.0	4.5
20°-30°	356.2	7.2
30°-40°	590.4	11.9
40°-50°	919.1	18.5
50°-60°	1303.0	26.2
60°-70°	1168.9	23.5
70°-80°	289.8	5.8
80°-90°	20.4	0.4
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°	4978.4	100.0
0°-180°	4978.4	100.0



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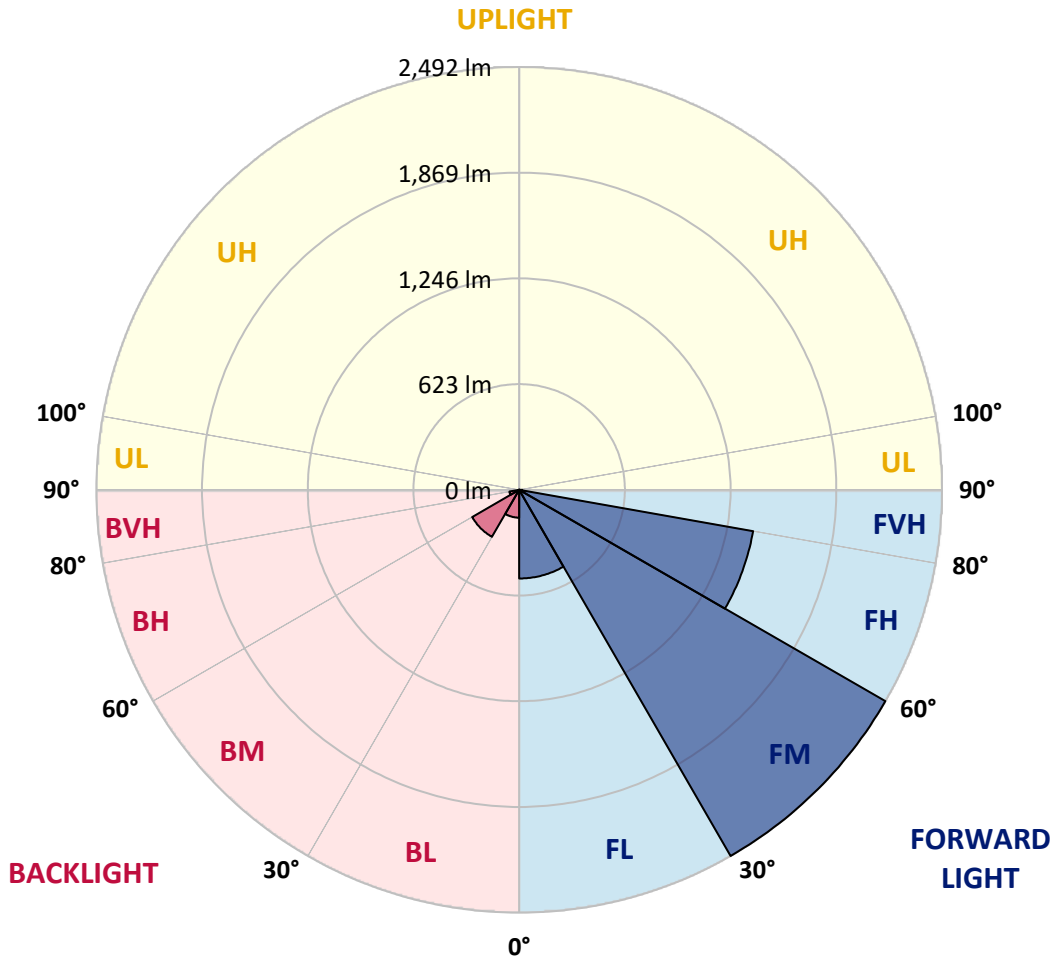
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	522.8	10.5			
FM	(30°-60°)	2492.2	50.1			
FH	(60°-80°)	1400.3	28.1			G1/1800
FVH	(80°-90°)	18.2	0.4			G1/100
BL	(0°-30°)	164.2	3.3	B1/500		
BM	(30°-60°)	320.2	6.4	B1/1000		
BH	(60°-80°)	58.3	1.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1320.2	1320.2	1320.2	1320.2	*1320.2*	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1434.0	1431.0	1416.0	1410.0	*1401.1*	1407.0	1398.1	1389.1	1374.1	1362.1	1338.2
5°	1478.9	1475.9	1475.9	1472.9	*1463.9*	1469.9	1460.9	1454.9	1428.0	1404.0	1359.1
7.5°	1416.0	1413.0	1428.0	1463.9	*1478.9*	1481.9	1493.9	1490.9	1469.9	1440.0	1386.1
10°	1026.8	1023.8	1077.7	1185.5	*1323.2*	1353.2	1475.9	1523.8	1523.8	1487.9	1419.0
12.5°	823.3	820.3	829.3	877.2	*967.0*	999.9	1275.3	1538.8	1568.7	1553.7	1457.9
15°	814.3	811.3	814.3	823.3	*844.2*	853.2	993.9	1407.0	1634.6	1631.6	1520.8
17.5°	811.3	811.3	811.3	826.3	*844.2*	853.2	910.1	1182.5	1679.5	1730.4	1604.6
20°	802.3	805.3	808.3	829.3	*853.2*	865.2	919.1	1065.8	1688.4	1823.2	1685.5
22.5°	799.3	799.3	805.3	832.2	*874.2*	886.1	958.0	1095.7	1625.6	1930.9	1757.3
25°	802.3	793.3	817.3	856.2	*913.1*	922.1	1017.9	1161.6	1592.6	2029.7	1811.2
27.5°	802.3	802.3	832.2	898.1	*978.9*	996.9	1113.7	1278.3	1643.5	2143.5	1907.0
30°	835.2	835.2	880.1	955.0	*1059.8*	1083.7	1230.4	1419.0	1781.3	2275.2	2005.8
32.5°	883.1	880.1	943.0	1038.8	*1155.6*	1185.5	1353.2	1571.7	1954.9	2415.9	2116.5
35°	931.0	937.0	1011.9	1146.6	*1275.3*	1299.3	1478.9	1712.4	2137.5	2532.7	2212.3
37.5°	973.0	990.9	1083.7	1236.4	*1377.1*	1413.0	1604.6	1847.1	2290.2	2637.5	2293.2
40°	1050.8	1068.8	1161.6	1326.2	*1490.9*	1520.8	1706.4	1960.9	2386.0	2673.4	2347.1
42.5°	1206.5	1221.4	1290.3	1428.0	*1598.6*	1634.6	1862.1	2107.6	2508.7	2718.3	2332.1
45°	1460.9	1457.9	1526.8	1613.6	*1769.3*	1811.2	2047.7	2287.2	2637.5	2748.2	2275.2
47.5°	1751.3	1760.3	1805.2	1901.0	*1999.8*	2032.7	2251.3	2463.8	2697.3	2745.2	2230.3
50°	2107.6	2107.6	2131.5	2206.4	*2284.2*	2296.2	2460.8	2565.6	2667.4	2718.3	2209.4
52.5°	2505.7	2490.8	2520.7	2541.7	*2562.6*	2592.5	2673.4	2604.5	2670.4	2640.4	2305.1
55°	2763.2	2766.2	2844.0	2903.9	*2948.8*	2984.7	2909.9	2661.4	2523.7	2457.8	2451.8
57.5°	2963.8	2984.7	3164.3	3358.9	*3505.6*	3517.6	3164.3	2592.5	2137.5	2053.7	2427.9
60°	3209.2	3197.3	3409.8	3837.9	*4188.2*	4182.2	3400.8	2239.3	1556.7	1454.9	2104.6
62.5°	3131.4	3206.3	3706.2	4445.6	*4885.7*	4777.9	3367.9	1613.6	856.2	826.3	1416.0
65°	2347.1	2469.8	3143.4	4813.9	*5655.1*	5574.3	2850.0	892.1	377.2	464.0	865.2
67.5°	*1463.9*	*1559.7*	*2227.3*	*4466.6*	*5858.7*	*5801.8*	*2041.7*	*371.2*	*218.5*	*317.3*	*458.0*
70°	691.5	748.4	1200.5	3718.2	*5038.4*	4786.9	981.9	197.6	176.6	218.5	251.5
72.5°	281.4	317.3	544.9	2284.2	*3433.8*	3134.4	260.5	146.7	152.7	167.6	170.6
75°	161.7	173.6	293.4	874.2	*1209.5*	1188.5	140.7	95.8	131.7	137.7	113.8
77.5°	92.8	101.8	185.6	547.8	*499.9*	410.1	98.8	56.9	104.8	89.8	59.9
80°	41.9	47.9	95.8	284.4	*317.3*	275.4	59.9	38.9	68.9	56.9	38.9
82.5°	15.0	18.0	41.9	107.8	*179.6*	149.7	26.9	23.9	50.9	38.9	23.9
85°	9.0	9.0	21.0	41.9	*80.8*	56.9	9.0	9.0	23.9	15.0	9.0
87.5°	0.0	0.0	3.0	3.0	*3.0*	3.0	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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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1314.2	1317.2	1293.3	1266.3	1239.4	1218.4	1203.5	1185.5	1179.5	1176.5	1164.5
5°	1326.2	1302.3	1239.4	1167.5	1080.7	973.0	880.1	769.4	685.6	670.6	670.6
7.5°	1338.2	1290.3	1182.5	1008.9	736.5	497.0	365.2	317.3	284.4	275.4	275.4
10°	1353.2	1281.3	1086.7	697.5	386.2	281.4	251.5	242.5	239.5	239.5	239.5
12.5°	1377.1	1281.3	919.1	425.1	263.4	233.5	227.5	224.5	221.5	224.5	224.5
15°	1416.0	1275.3	697.5	299.4	227.5	218.5	212.6	212.6	212.6	212.6	212.6
17.5°	1451.9	1233.4	520.9	239.5	209.6	203.6	200.6	200.6	203.6	203.6	203.6
20°	1481.9	1179.5	413.1	212.6	197.6	191.6	188.6	191.6	191.6	194.6	194.6
22.5°	1511.8	1128.6	320.3	197.6	185.6	179.6	179.6	182.6	185.6	188.6	185.6
25°	1523.8	1071.7	260.5	185.6	173.6	167.6	167.6	170.6	176.6	179.6	179.6
27.5°	1544.7	1014.9	224.5	173.6	161.7	158.7	161.7	164.7	170.6	173.6	173.6
30°	1580.7	970.0	218.5	167.6	155.7	152.7	152.7	155.7	164.7	164.7	164.7
32.5°	1640.5	978.9	227.5	170.6	155.7	146.7	143.7	146.7	155.7	158.7	158.7
35°	1715.4	1029.8	260.5	185.6	170.6	140.7	137.7	137.7	143.7	146.7	146.7
37.5°	1784.2	1098.7	317.3	215.5	182.6	137.7	128.7	125.7	128.7	131.7	131.7
40°	1850.1	1206.5	404.1	248.5	185.6	128.7	116.8	110.8	113.8	113.8	113.8
42.5°	1856.1	1302.3	526.9	266.4	173.6	116.8	104.8	98.8	98.8	95.8	98.8
45°	1823.2	1341.2	625.7	251.5	152.7	107.8	95.8	89.8	86.8	83.8	83.8
47.5°	1799.2	1344.2	652.6	212.6	134.7	98.8	86.8	80.8	77.8	74.8	74.8
50°	1814.2	1320.2	559.8	182.6	122.7	92.8	80.8	71.8	68.9	65.9	65.9
52.5°	1877.1	1275.3	356.3	167.6	113.8	86.8	74.8	68.9	65.9	59.9	59.9
55°	1930.9	1200.5	215.5	155.7	107.8	80.8	68.9	62.9	59.9	56.9	56.9
57.5°	1871.1	1029.8	155.7	143.7	98.8	74.8	62.9	59.9	53.9	50.9	50.9
60°	1565.7	637.7	125.7	128.7	83.8	68.9	56.9	53.9	47.9	44.9	44.9
62.5°	1029.8	302.4	101.8	110.8	68.9	62.9	53.9	47.9	41.9	35.9	35.9
65°	589.8	173.6	83.8	89.8	59.9	56.9	47.9	41.9	35.9	26.9	26.9
67.5°	*281.4*	*128.7*	*71.8*	*65.9*	*50.9*	*47.9*	*38.9*	*35.9*	*29.9*	*23.9*	*23.9*
70°	143.7	101.8	56.9	47.9	44.9	38.9	32.9	29.9	26.9	21.0	21.0
72.5°	119.7	83.8	47.9	35.9	32.9	26.9	26.9	23.9	21.0	18.0	18.0
75°	92.8	56.9	35.9	26.9	21.0	21.0	21.0	18.0	18.0	15.0	12.0
77.5°	50.9	41.9	26.9	15.0	12.0	15.0	15.0	15.0	12.0	9.0	9.0
80°	32.9	26.9	15.0	9.0	9.0	12.0	9.0	9.0	6.0	6.0	6.0
82.5°	18.0	15.0	9.0	3.0	3.0	6.0	3.0	6.0	6.0	3.0	3.0
85°	6.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	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

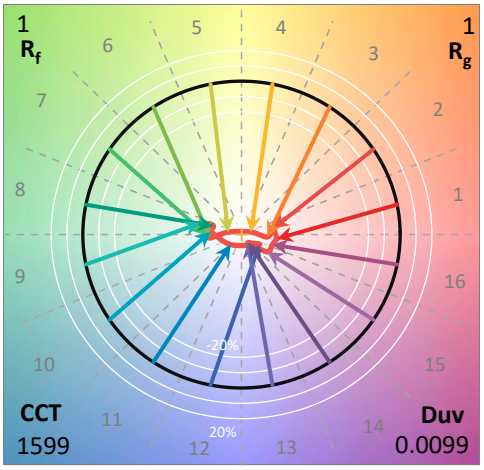
Test Information

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

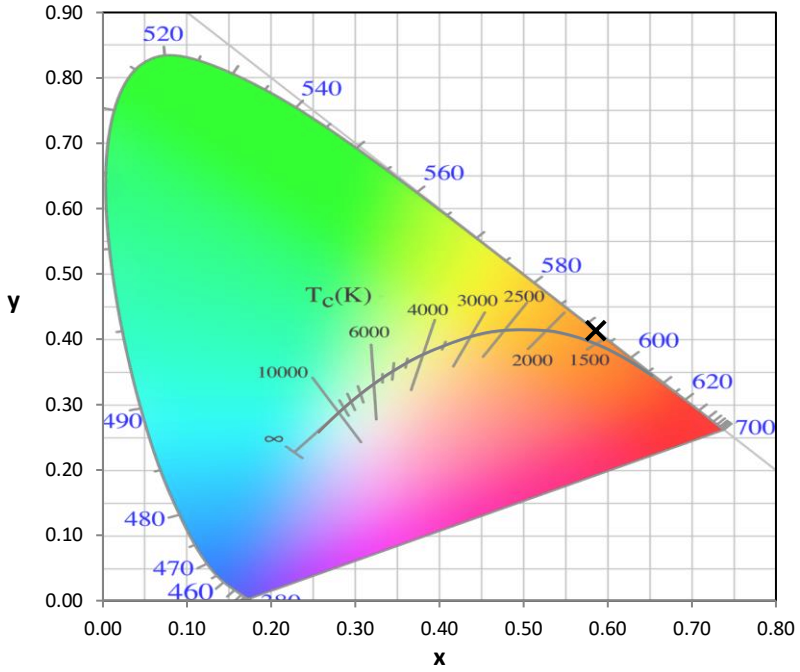
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

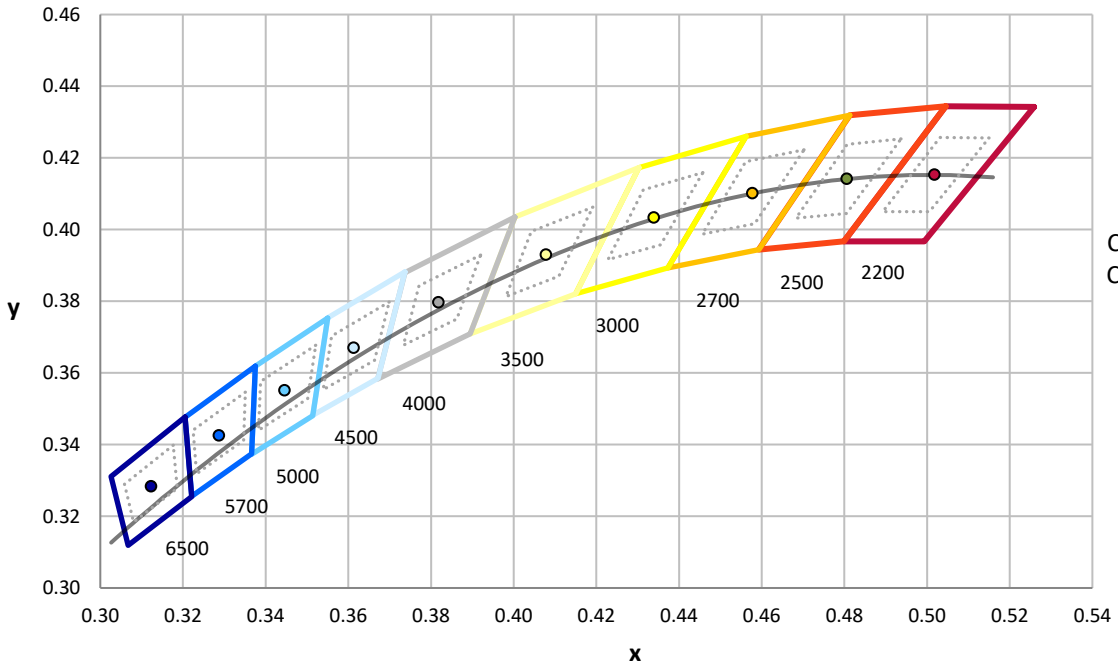
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

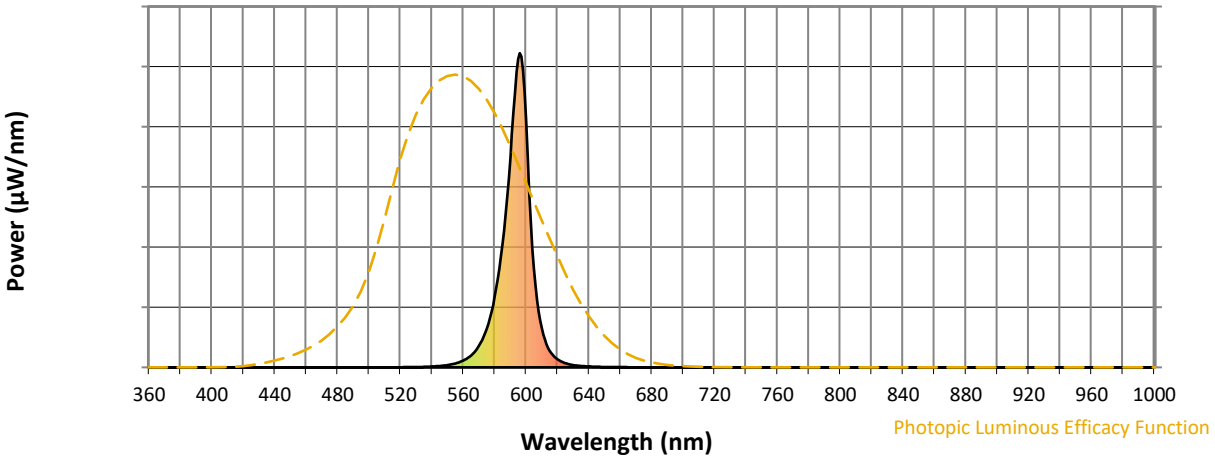


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

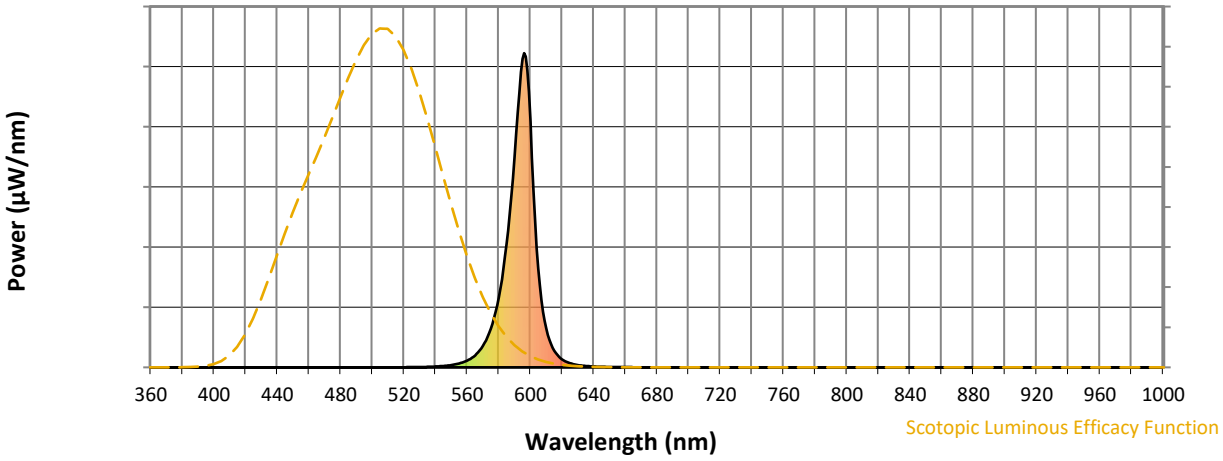


Photopic Lumens: NR

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

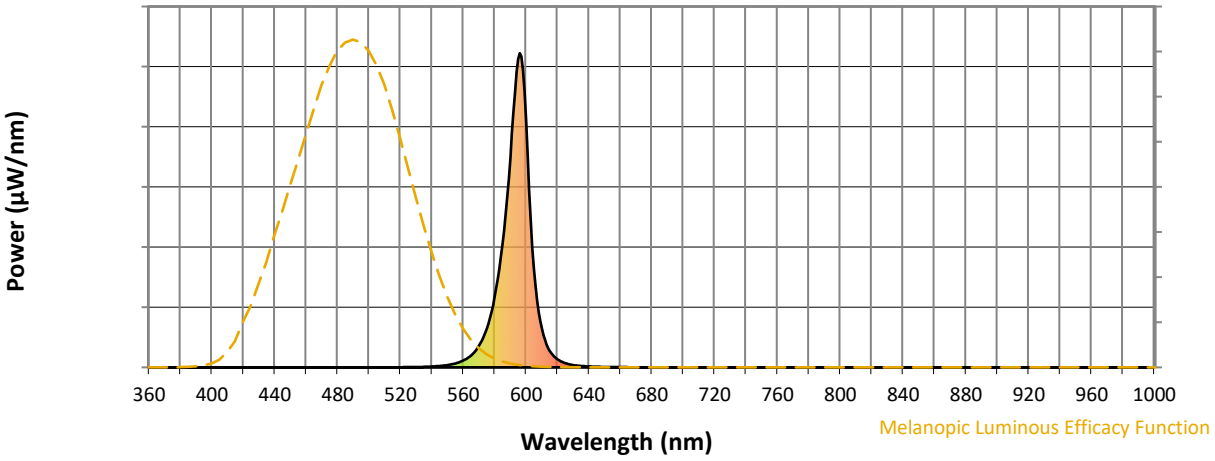


Scotopic Lumens: NR **S/P: 0.23**

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			

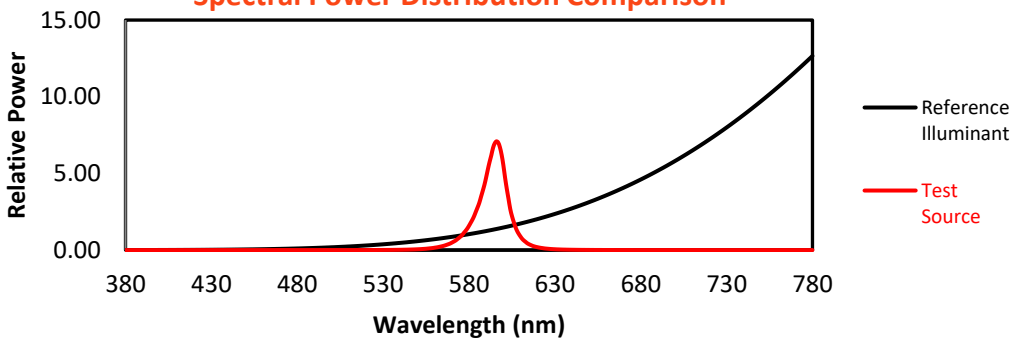
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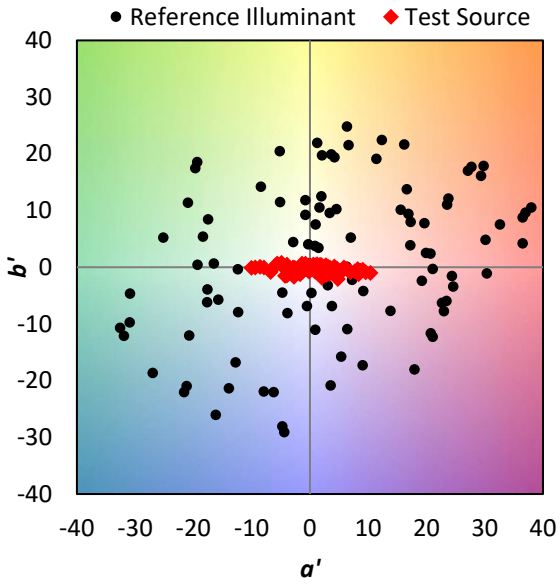
Summary

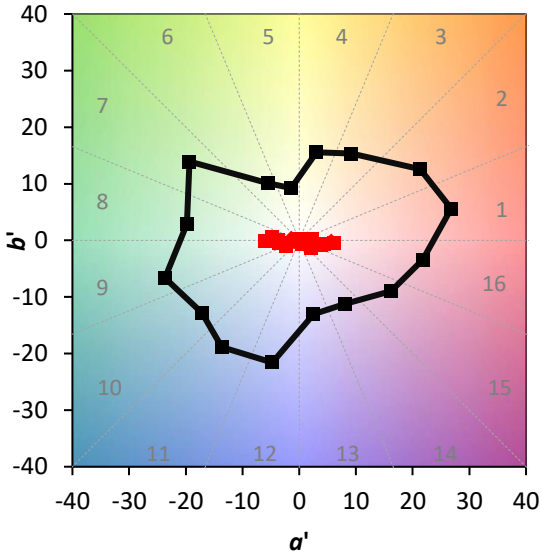
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

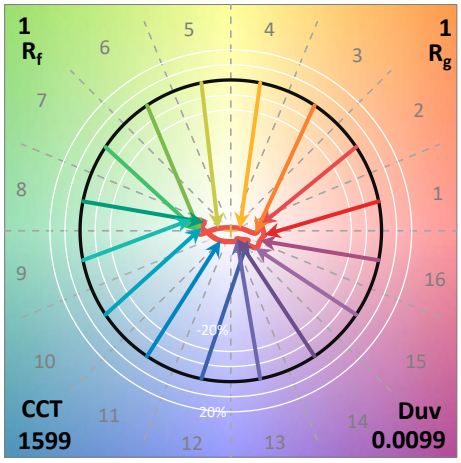
Spectral Power Distribution Comparison

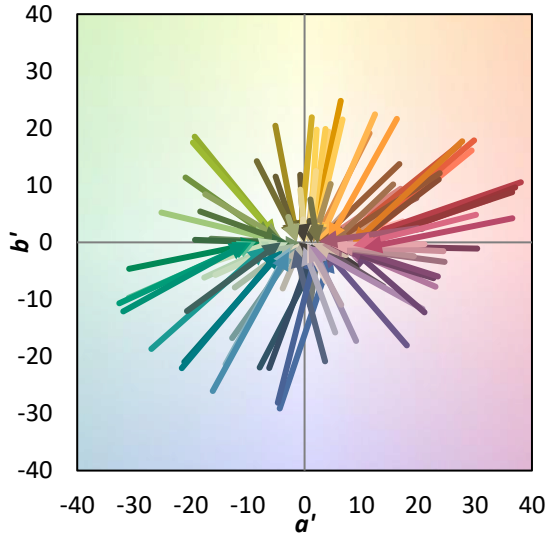


Color Vector Graphics







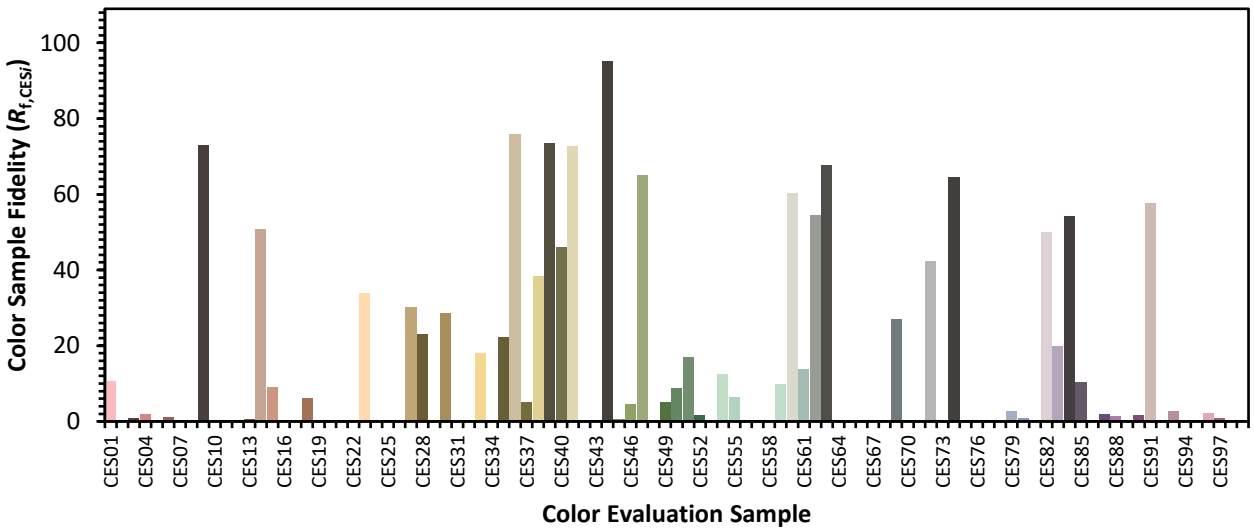


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Individual Sample Fidelity Index ($R_{f,i}$)

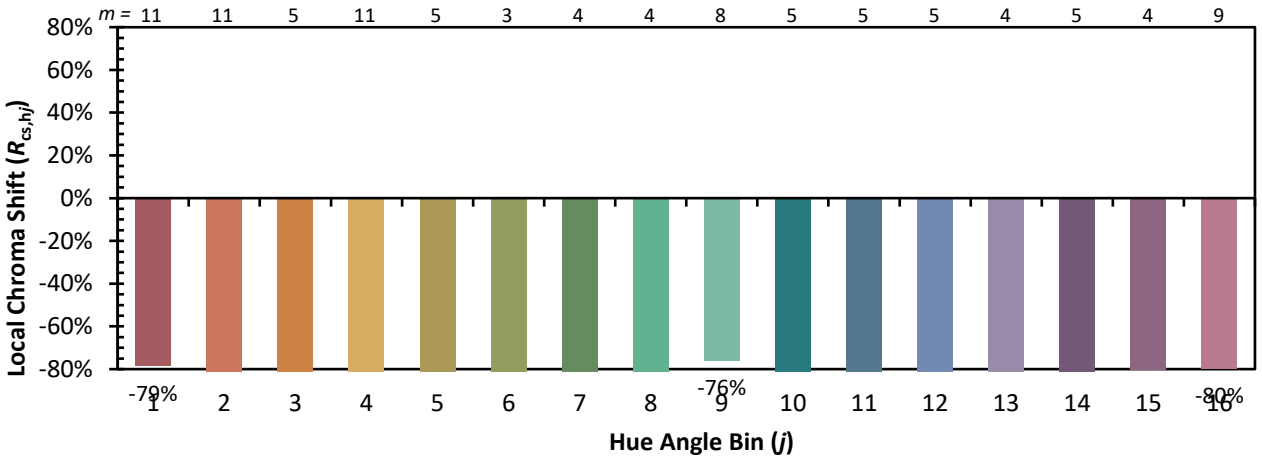
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

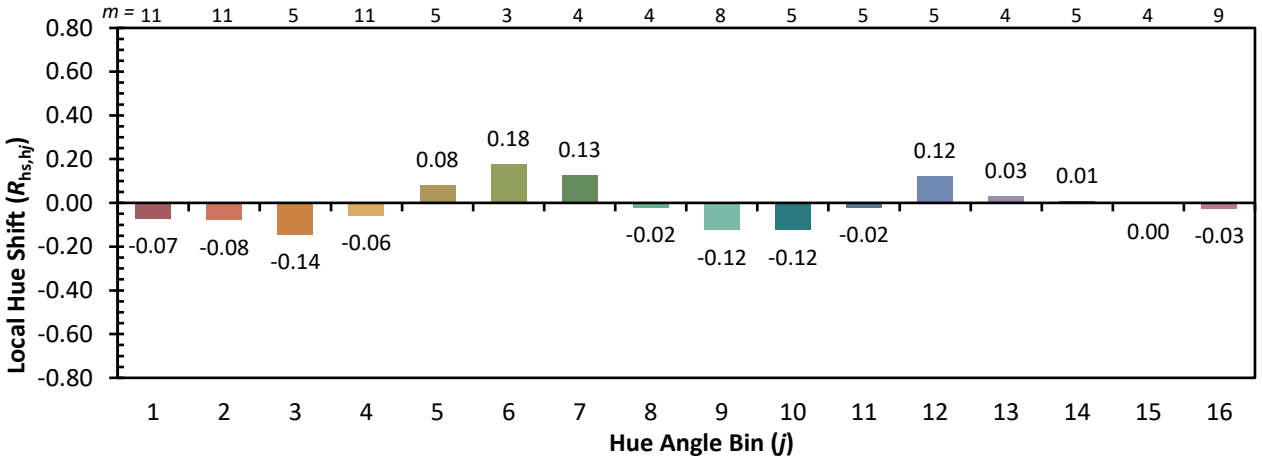


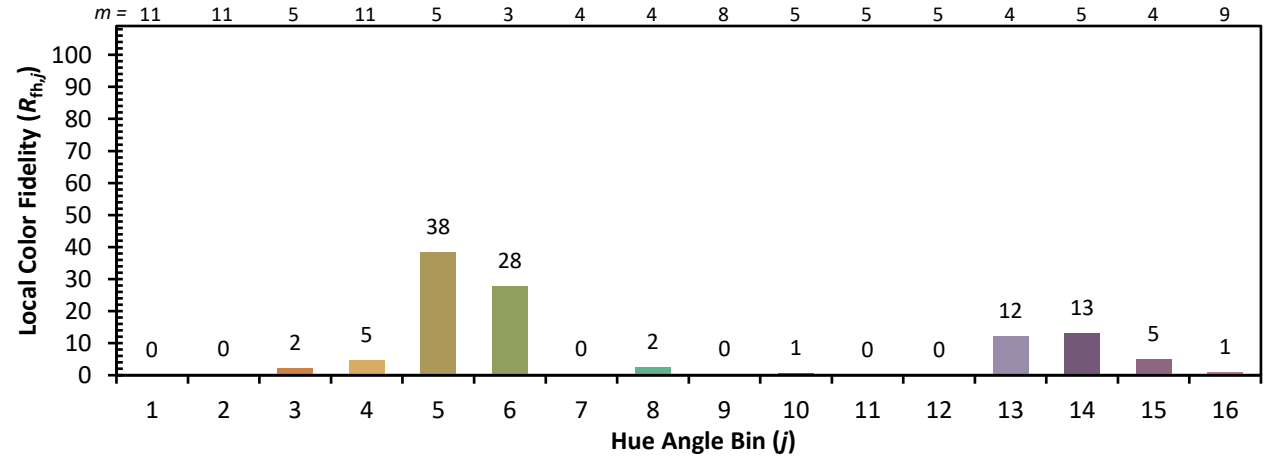
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Color Rendition by Hue-Angle Bin



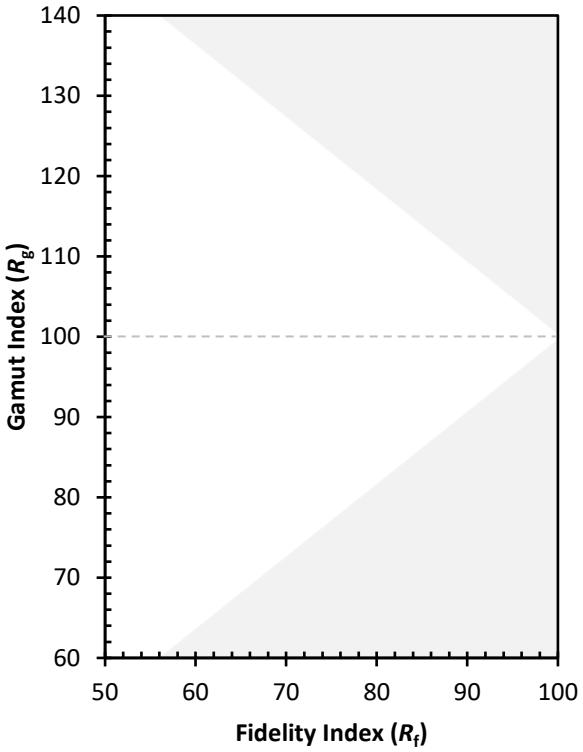


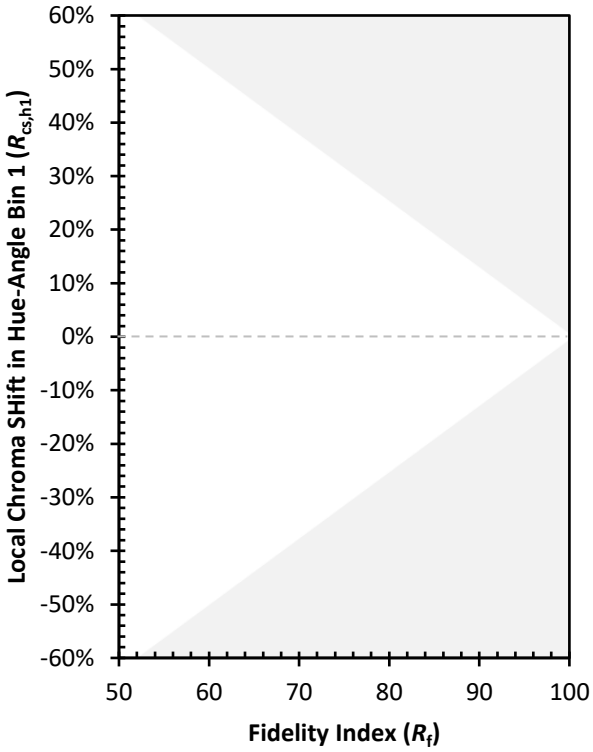


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Measure Comparisons





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