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-T4FT

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-T4FT
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 FORWARD THROW DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6150.6 lumens
Efficiency:	N/A
Efficacy:	60.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

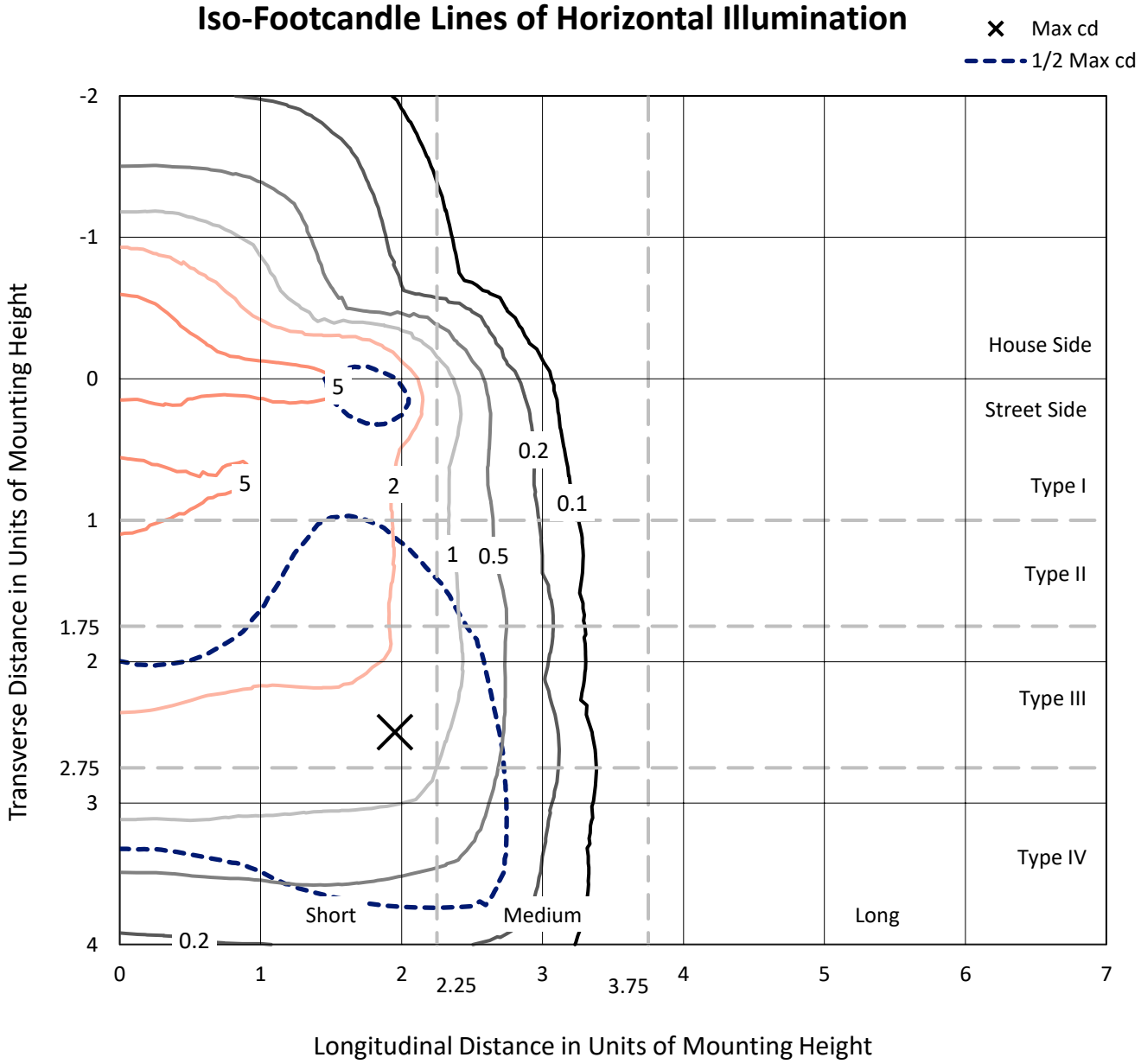


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



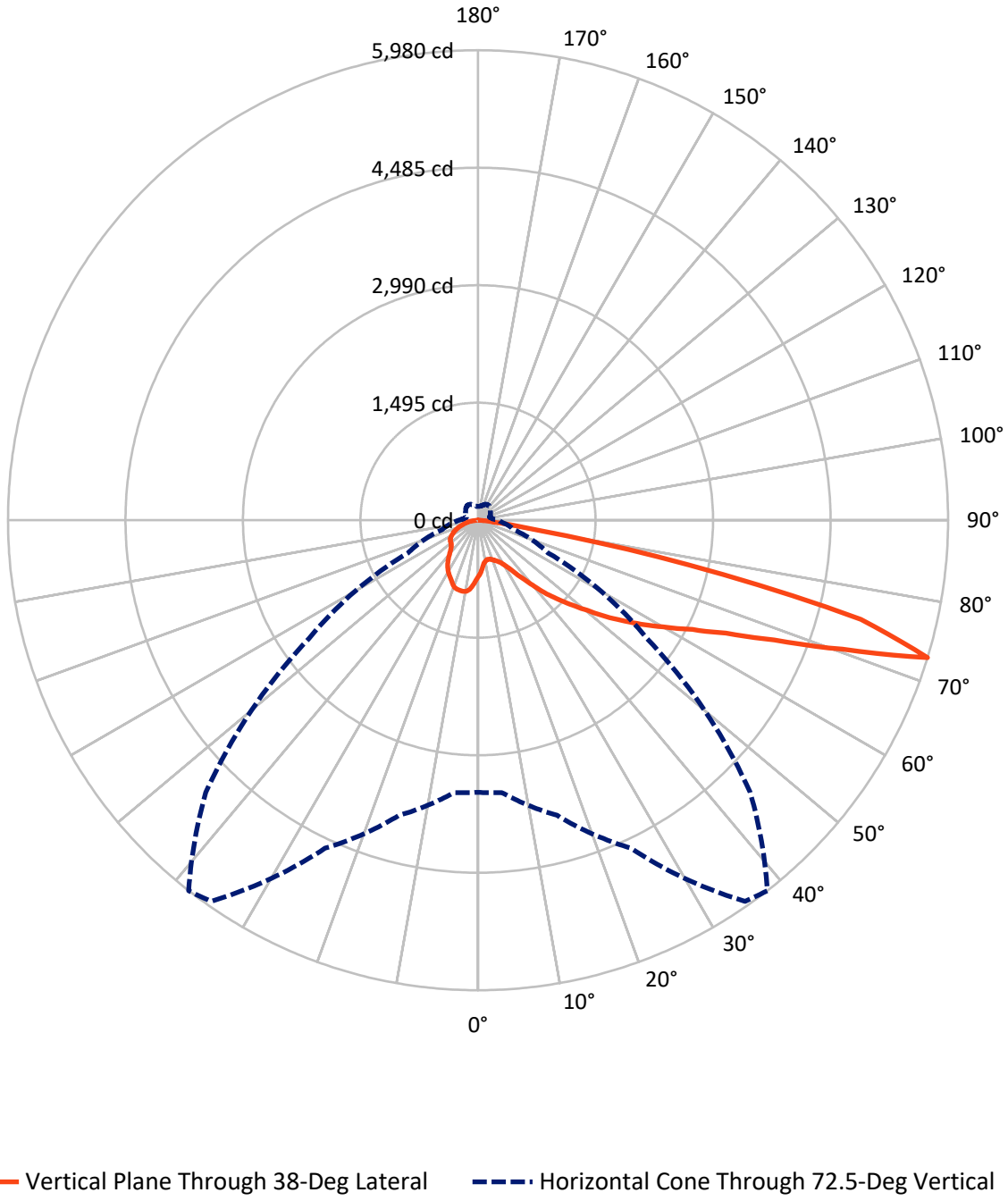
Based on 10 foot mounting height. Maximum calculated value = 8.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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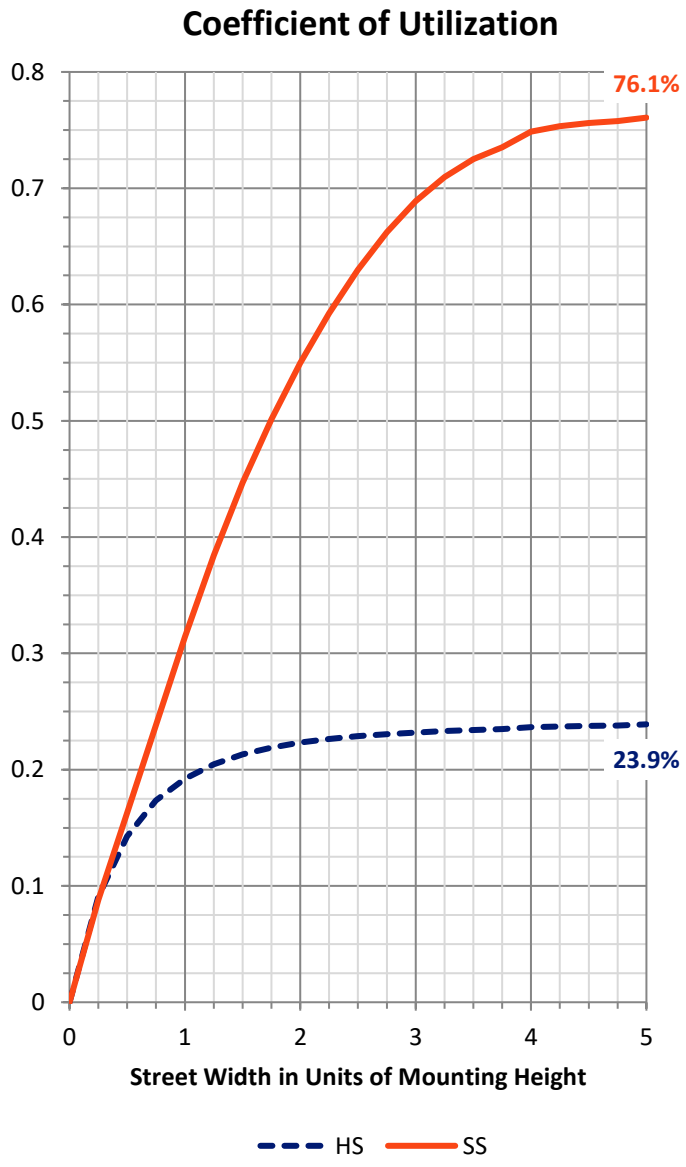
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1486.0	0.0	1486.0
	% Fixture	24.2	0.0	24.2
Street Side	Lumens	4664.6	0.0	4664.6
	% Fixture	75.8	0.0	75.8
Total	Lumens	6150.6	0.0	6150.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	1.1
10°-20°	205.9	3.3
20°-30°	347.0	5.6
30°-40°	533.2	8.7
40°-50°	822.9	13.4
50°-60°	1306.2	21.2
60°-70°	1701.9	27.7
70°-80°	1106.1	18.0
80°-90°	59.1	1.0
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°	6150.6	100.0
0°-180°	6150.6	100.0



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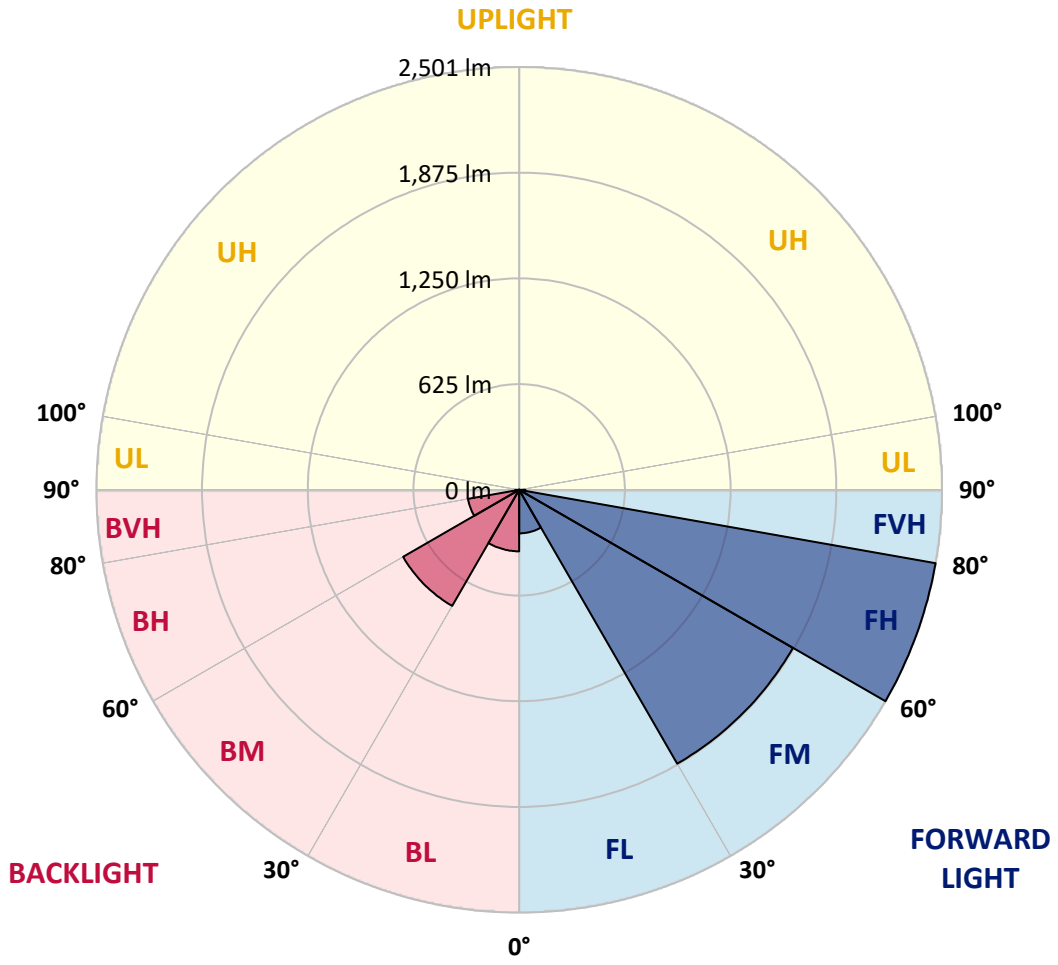
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	257.5	4.2			
FM	(30°-60°)	1869.9	30.4			
FH	(60°-80°)	2500.6	40.7			G2/5000
FVH	(80°-90°)	36.6	0.6			G1/100
BL	(0°-30°)	363.7	5.9	B1/500		
BM	(30°-60°)	792.4	12.9	B1/1000		
BH	(60°-80°)	307.5	5.0	B1/500		G1/500
BVH	(80°-90°)	22.4	0.4			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	38°	45°	55°	65°	75°	85°
0°	712.3	712.3	712.3	712.3	712.3	*712.3*	712.3	712.3	712.3	712.3	712.3
2.5°	655.4	652.4	655.4	655.4	667.4	*667.4*	667.4	676.4	685.4	694.3	706.3
5°	574.6	568.6	571.6	577.6	586.6	*601.6*	607.5	628.5	646.5	673.4	700.3
7.5°	517.8	517.8	520.8	529.7	541.7	*550.7*	565.6	589.6	619.5	658.4	694.3
10°	490.8	490.8	493.8	499.8	514.8	*526.7*	535.7	565.6	601.6	649.4	694.3
12.5°	481.8	481.8	484.8	490.8	505.8	*511.8*	526.7	556.7	592.6	643.5	703.3
15°	487.8	484.8	484.8	490.8	505.8	*514.8*	529.7	559.7	595.6	649.4	712.3
17.5°	499.8	499.8	496.8	502.8	511.8	*520.8*	535.7	568.6	607.5	652.4	721.3
20°	514.8	517.8	508.8	514.8	529.7	*538.7*	550.7	583.6	622.5	661.4	730.3
22.5°	544.7	544.7	532.7	532.7	547.7	*556.7*	568.6	601.6	637.5	679.4	754.2
25°	595.6	592.6	574.6	562.7	565.6	*577.6*	595.6	622.5	658.4	697.3	769.2
27.5°	676.4	673.4	643.5	616.5	604.6	*610.5*	622.5	655.4	685.4	712.3	799.1
30°	796.1	787.1	751.2	694.3	661.4	*658.4*	664.4	697.3	718.3	742.2	835.0
32.5°	915.8	915.8	873.9	796.1	742.2	*730.3*	721.3	748.2	769.2	793.1	888.9
35°	1053.5	1038.5	993.6	921.8	844.0	*835.0*	808.1	820.0	844.0	853.0	945.7
37.5°	1176.2	1167.2	1128.3	1062.5	975.7	*960.7*	921.8	924.8	936.8	921.8	1032.5
40°	1292.9	1292.9	1251.0	1209.1	1137.3	*1107.4*	1062.5	1056.5	1047.5	1020.6	1140.3
42.5°	1442.6	1418.6	1361.7	1331.8	1295.9	*1280.9*	1245.0	1221.1	1191.2	1143.3	1280.9
45°	1529.3	1514.4	1454.5	1448.5	1439.6	*1442.6*	1430.6	1409.6	1367.7	1295.9	1460.5
47.5°	1616.1	1604.2	1571.2	1589.2	1595.2	*1616.1*	1646.1	1634.1	1553.3	1457.5	1702.9
50°	1777.8	1768.8	1732.9	1762.8	1783.7	*1801.7*	1855.6	1879.5	1759.8	1652.1	1975.3
52.5°	1933.4	1939.4	1915.4	1948.3	1999.2	*2035.1*	2092.0	2121.9	1963.3	1867.5	2328.4
55°	2092.0	2086.0	2110.0	2151.9	2235.7	*2265.6*	2355.4	2388.3	2172.8	2065.1	2726.5
57.5°	2271.6	2262.6	2274.6	2340.4	2466.1	*2508.0*	2597.8	2639.7	2352.4	2274.6	3175.4
60°	2532.0	2478.1	2490.1	2552.9	2723.5	*2765.4*	2891.1	2921.0	2523.0	2442.2	3492.7
62.5°	2846.2	2798.3	2747.4	2789.3	3004.8	*3061.7*	3238.3	3172.4	2648.7	2442.2	3340.0
65°	3076.7	3040.7	3034.8	3148.5	3393.9	*3465.7*	3627.3	3405.9	2573.9	2193.8	2828.2
67.5°	3435.8	3429.8	3316.1	3489.7	3980.5	*4064.3*	4166.1	3432.8	2322.5	1813.7	1894.5
70°	3803.9	3812.9	3830.9	4097.2	4803.5	*4917.3*	4959.2	3271.2	1834.6	1074.4	802.1
72.5°	*3462.7*	*3477.7*	*3887.7*	*4603.0*	*5919.9*	*5979.7*	*4896.3*	*2624.7*	*984.6*	*478.9*	*308.3*
75°	1676.0	1792.7	2582.8	3938.6	5309.3	*5031.0*	3283.2	933.8	392.1	248.4	185.6
77.5°	356.1	374.1	712.3	1927.4	2998.8	*2732.5*	1283.9	275.3	191.5	161.6	122.7
80°	104.7	113.7	167.6	359.1	775.1	*751.2*	272.3	137.7	122.7	110.7	83.8
82.5°	59.9	62.8	95.8	131.7	197.5	*194.5*	98.8	80.8	80.8	71.8	47.9
85°	26.9	29.9	38.9	62.8	71.8	*65.8*	41.9	35.9	38.9	38.9	23.9
87.5°	3.0	6.0	6.0	9.0	9.0	*9.0*	9.0	9.0	9.0	6.0	6.0
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-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	712.3	712.3	712.3	712.3	712.3	712.3	712.3	712.3	712.3	712.3	712.3
2.5°	712.3	718.3	730.3	736.2	748.2	757.2	766.2	766.2	772.2	775.1	775.1
5°	712.3	724.3	751.2	769.2	796.1	817.0	835.0	844.0	850.0	856.0	853.0
7.5°	715.3	736.2	772.2	811.1	847.0	873.9	894.9	906.8	912.8	915.8	921.8
10°	721.3	748.2	799.1	850.0	888.9	909.8	921.8	927.8	927.8	930.8	930.8
12.5°	730.3	766.2	829.0	888.9	912.8	924.8	924.8	924.8	918.8	918.8	915.8
15°	748.2	781.1	858.9	912.8	927.8	921.8	921.8	909.8	903.8	903.8	903.8
17.5°	757.2	799.1	888.9	927.8	927.8	921.8	915.8	891.9	882.9	873.9	870.9
20°	778.1	820.0	912.8	933.8	927.8	915.8	897.9	867.9	847.0	841.0	844.0
22.5°	796.1	841.0	930.8	927.8	918.8	891.9	858.9	832.0	826.0	823.0	820.0
25°	823.0	873.9	942.7	915.8	894.9	850.0	820.0	814.1	814.1	811.1	817.0
27.5°	853.0	915.8	951.7	897.9	844.0	799.1	796.1	805.1	811.1	808.1	808.1
30°	897.9	966.7	960.7	870.9	787.1	751.2	769.2	787.1	796.1	793.1	796.1
32.5°	957.7	1026.5	960.7	835.0	721.3	706.3	733.2	757.2	769.2	772.2	778.1
35°	1035.5	1101.4	966.7	784.1	676.4	667.4	688.4	709.3	733.2	742.2	745.2
37.5°	1140.3	1203.1	963.7	724.3	646.5	628.5	631.5	646.5	658.4	673.4	688.4
40°	1292.9	1316.9	951.7	673.4	616.5	583.6	568.6	574.6	577.6	586.6	595.6
42.5°	1469.5	1436.6	915.8	637.5	586.6	541.7	514.8	505.8	499.8	508.8	511.8
45°	1670.0	1571.2	873.9	601.6	550.7	508.8	478.9	460.9	445.9	437.0	434.0
47.5°	1921.4	1744.8	856.0	553.7	505.8	481.8	454.9	431.0	416.0	392.1	392.1
50°	2187.8	1939.4	808.1	490.8	469.9	466.9	442.9	419.0	401.0	365.1	359.1
52.5°	2508.0	2169.8	727.3	437.0	442.9	466.9	434.0	404.0	374.1	341.2	338.2
55°	2873.1	2418.2	589.6	389.1	422.0	457.9	425.0	389.1	344.2	314.2	308.3
57.5°	3199.4	2627.7	460.9	347.2	389.1	434.0	410.0	356.1	308.3	284.3	281.3
60°	3405.9	2660.6	365.1	314.2	356.1	413.0	386.1	323.2	287.3	263.4	260.4
62.5°	3058.7	2223.7	296.3	278.3	323.2	380.1	356.1	302.3	266.4	242.4	239.4
65°	2481.1	1643.1	245.4	248.4	293.3	344.2	335.2	281.3	245.4	224.5	218.5
67.5°	1544.3	936.8	203.5	224.5	257.4	302.3	302.3	266.4	224.5	203.5	203.5
70°	613.5	365.1	176.6	197.5	227.5	260.4	272.3	239.4	206.5	191.5	188.5
72.5°	*245.4*	*188.5*	*149.6*	*176.6*	*191.5*	*218.5*	*233.4*	*224.5*	*191.5*	*176.6*	*176.6*
75°	155.6	134.7	125.7	149.6	158.6	173.6	206.5	200.5	179.6	215.5	218.5
77.5°	104.7	89.8	98.8	119.7	125.7	146.6	170.6	170.6	149.6	167.6	137.7
80°	71.8	62.8	71.8	83.8	92.8	116.7	134.7	131.7	116.7	113.7	101.8
82.5°	41.9	38.9	50.9	53.9	53.9	77.8	95.8	92.8	83.8	77.8	74.8
85°	15.0	15.0	23.9	26.9	26.9	38.9	53.9	50.9	50.9	44.9	44.9
87.5°	3.0	3.0	3.0	3.0	6.0	9.0	12.0	9.0	9.0	12.0	12.0
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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Peachtree City, GA 30269

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

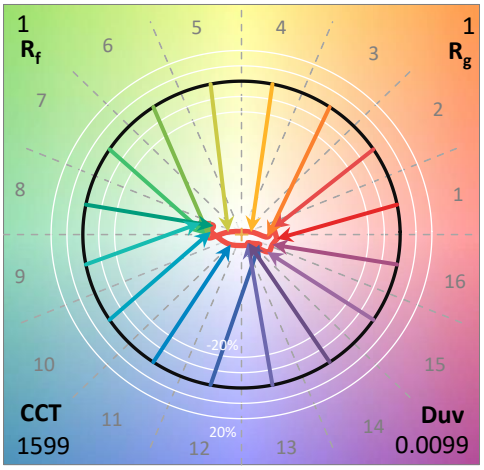
Test Information

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

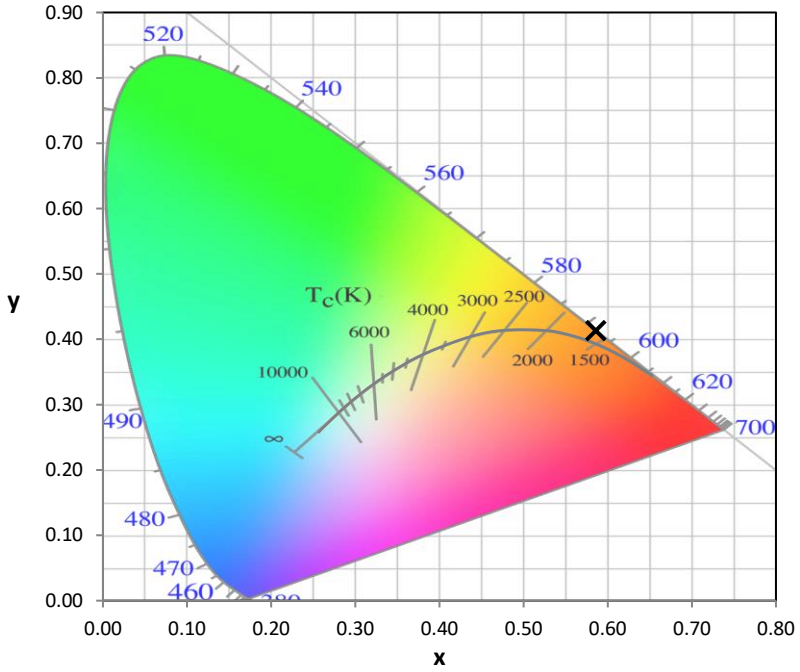
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

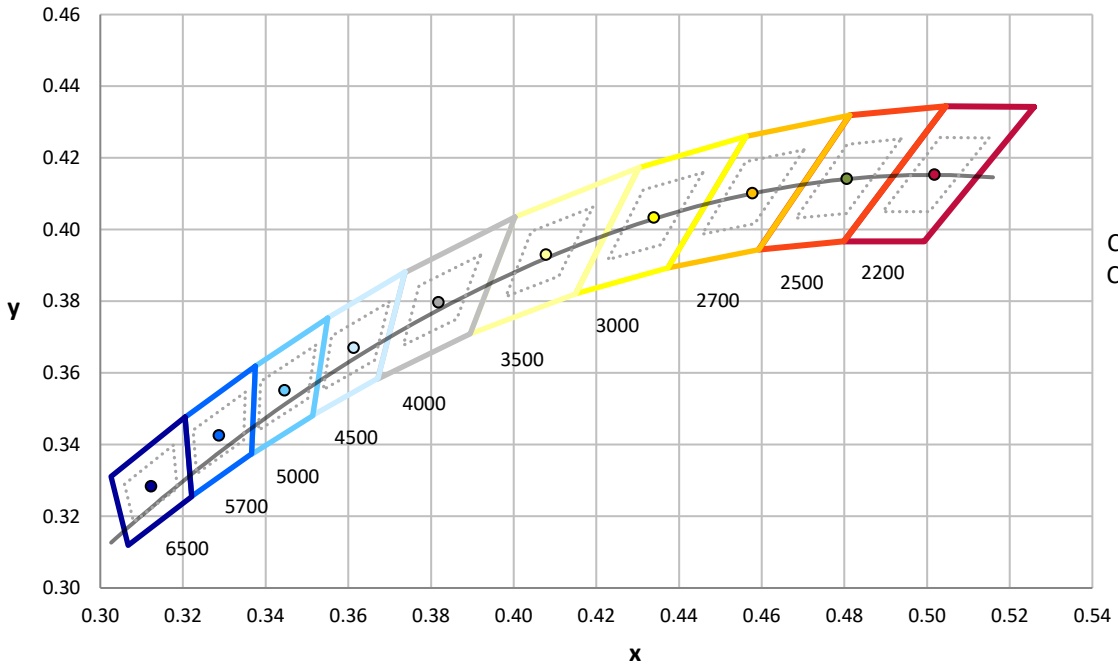
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

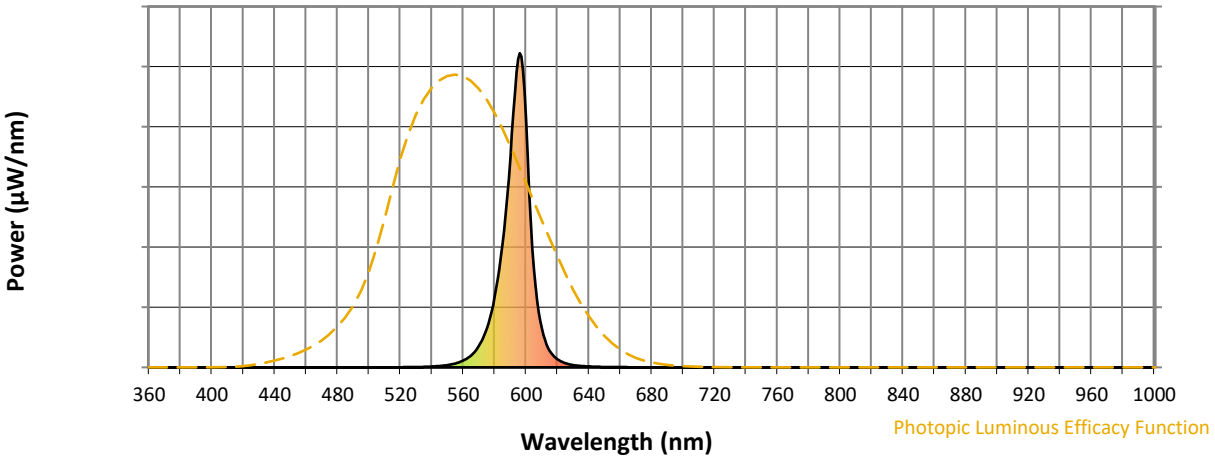


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

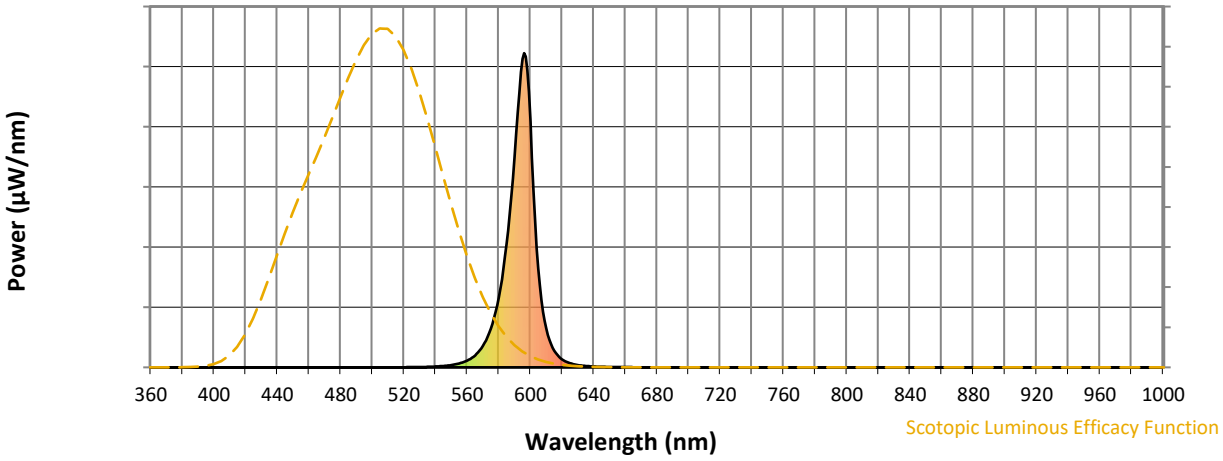


Photopic Lumens: NR

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

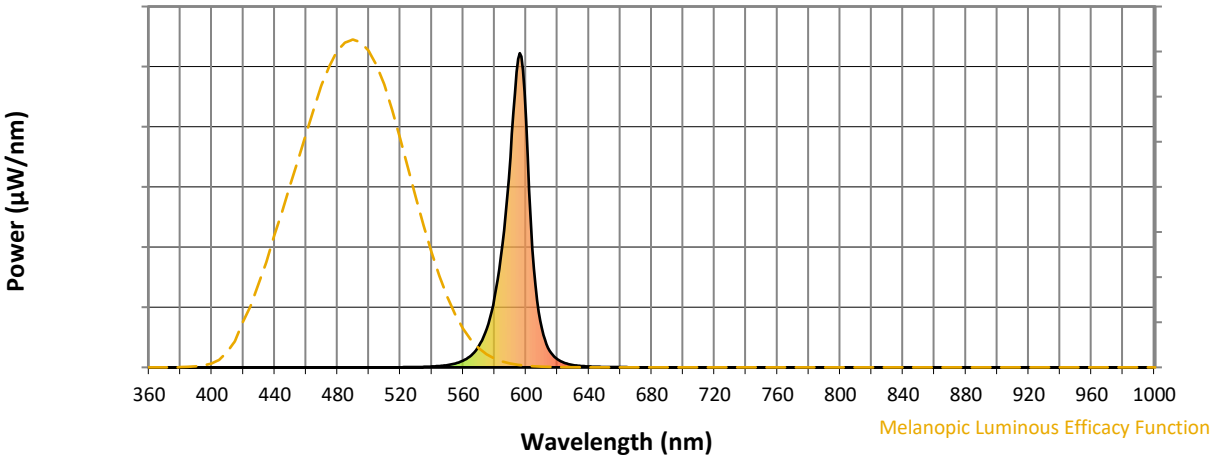


Scotopic Lumens: NR **S/P: 0.23**

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			

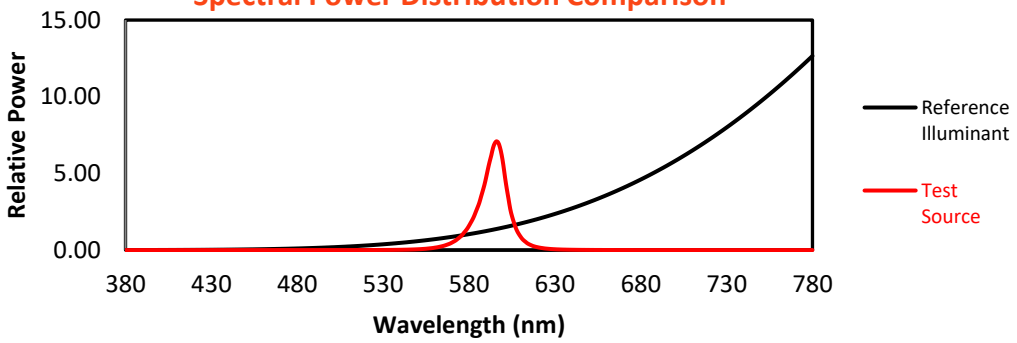
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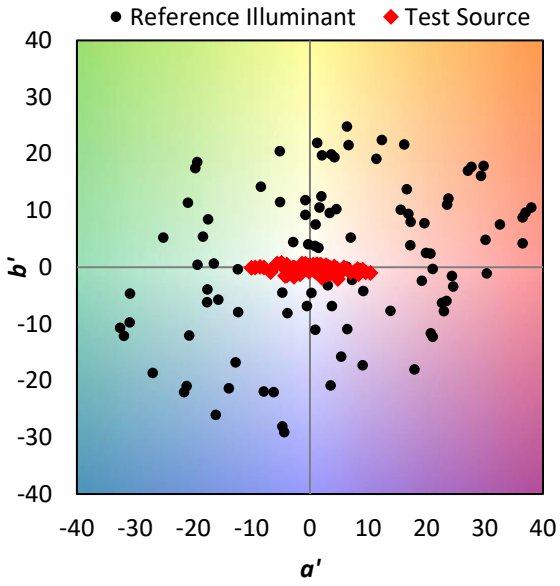
Summary

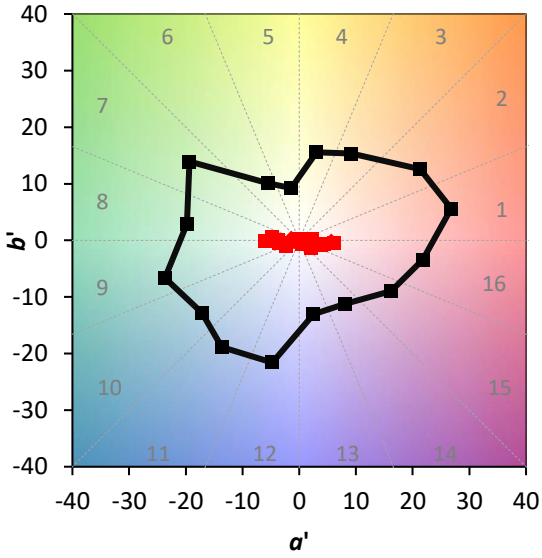
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

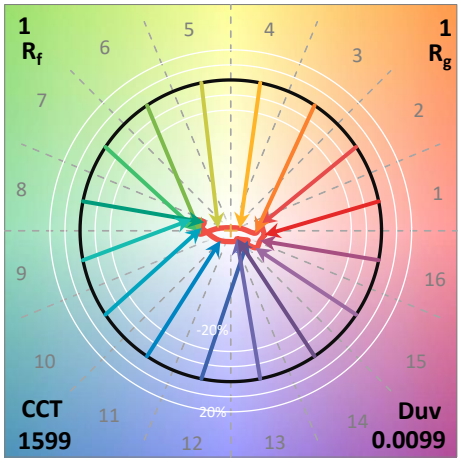
Spectral Power Distribution Comparison

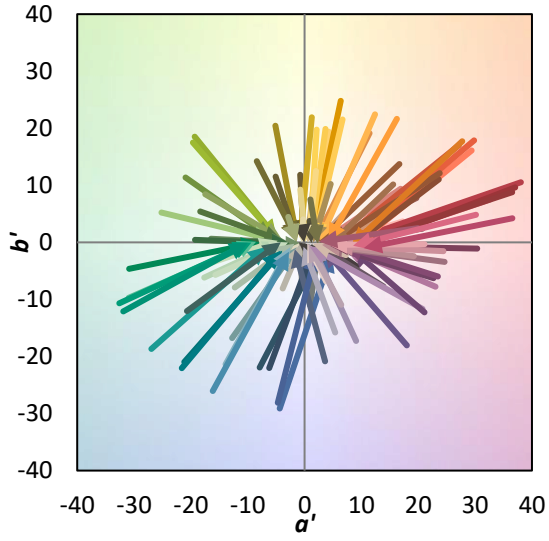


Color Vector Graphics







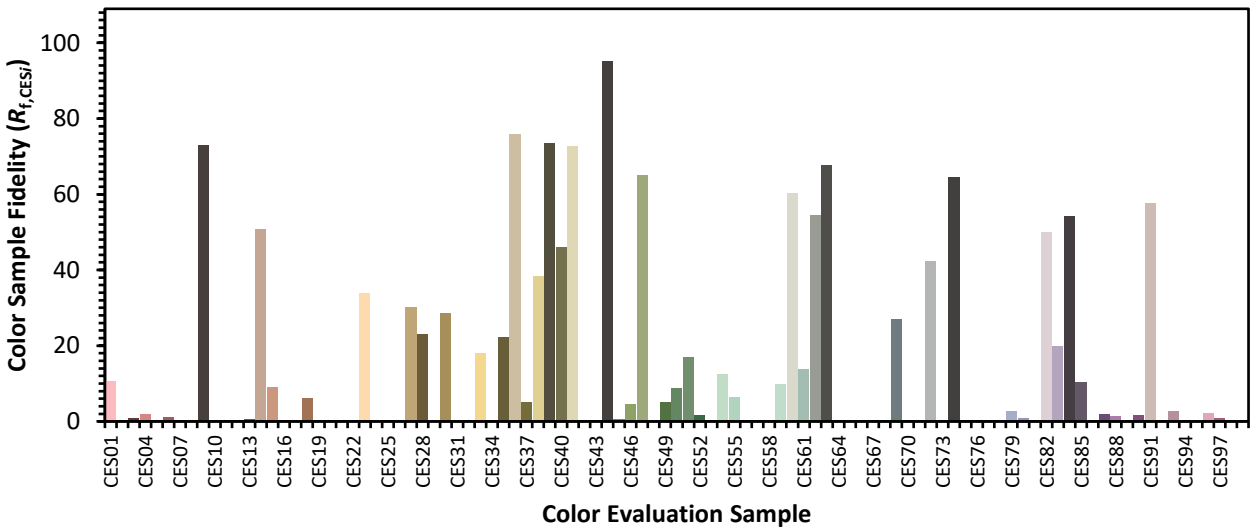


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Individual Sample Fidelity Index ($R_{f,i}$)

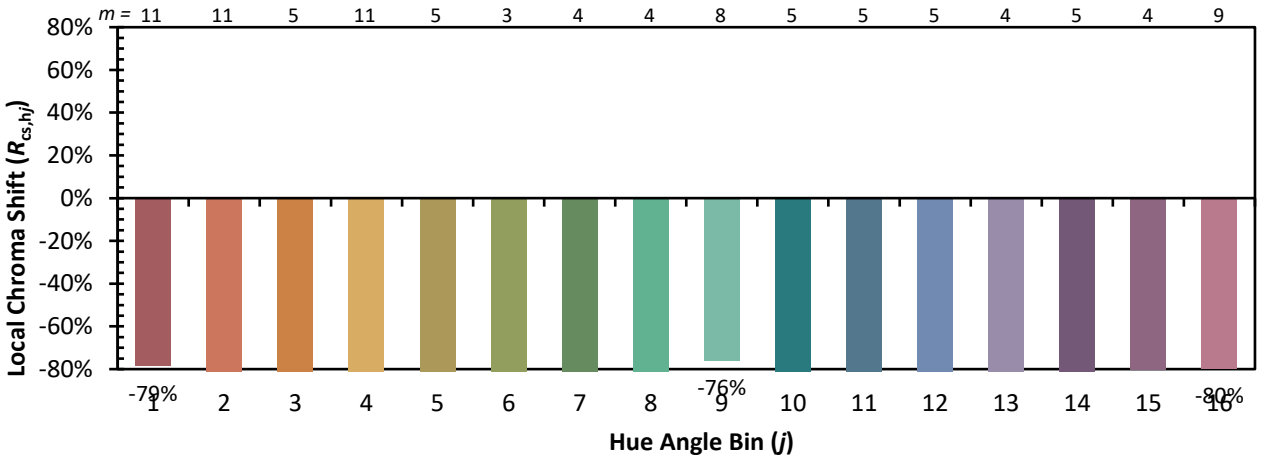
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

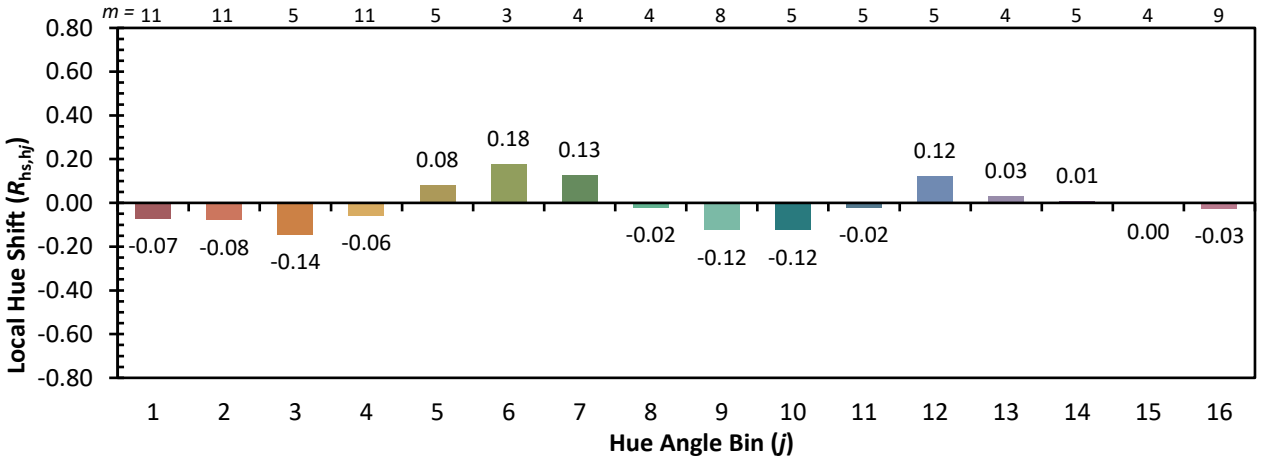


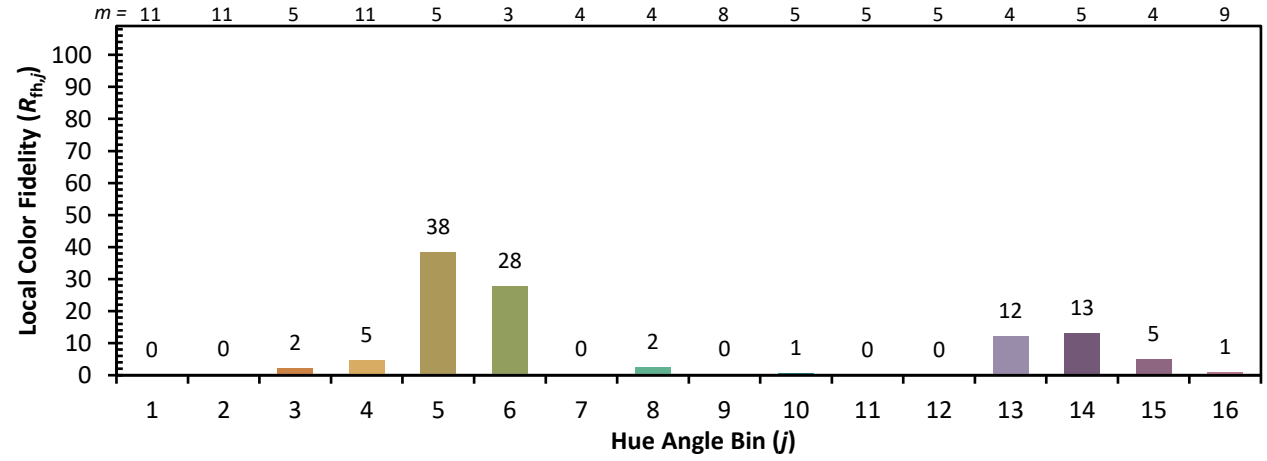
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Color Rendition by Hue-Angle Bin



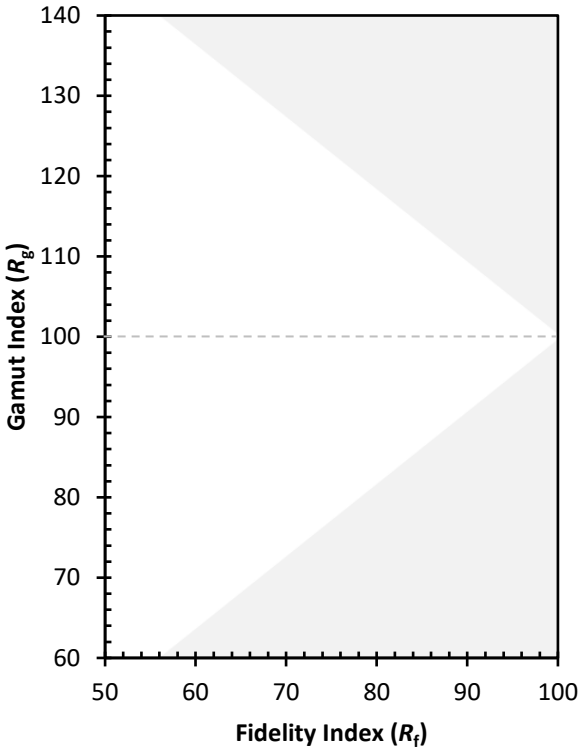


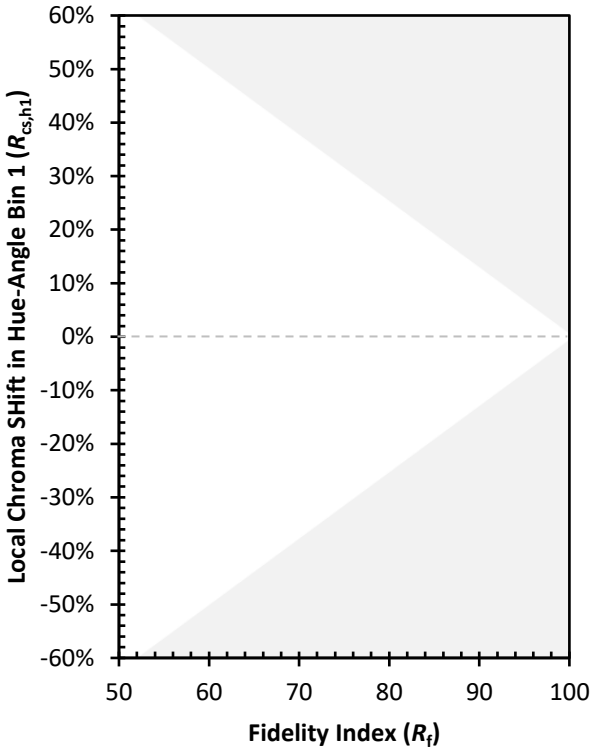


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Measure Comparisons





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