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: P1704731

Luminaire Tested: GSS-SB4A-AMB-U-T2LG

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:	P1704731
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-AMB-U-T2LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8385.1 lumens
Efficiency:	N/A
Efficacy:	64.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	130.1
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

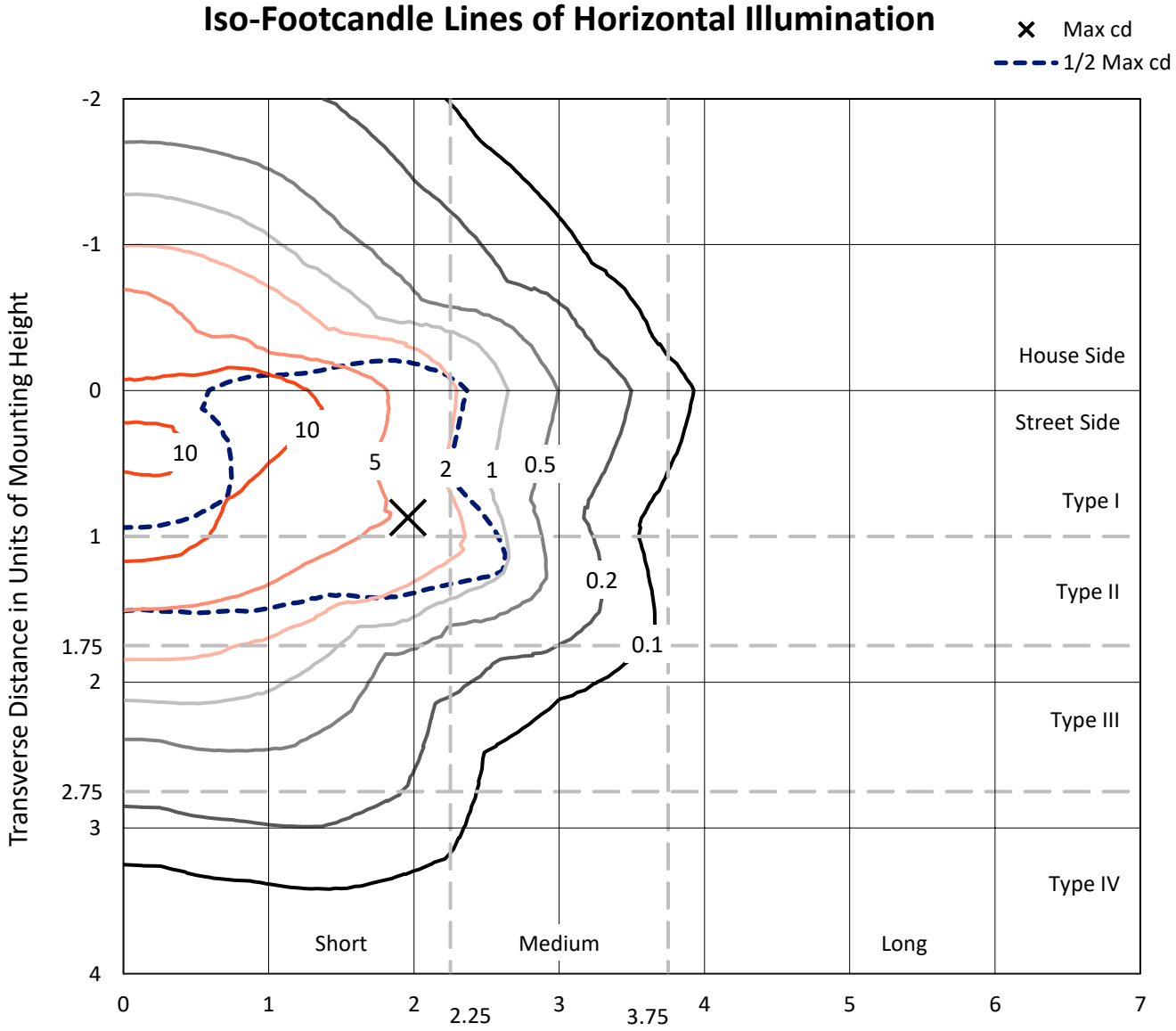


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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



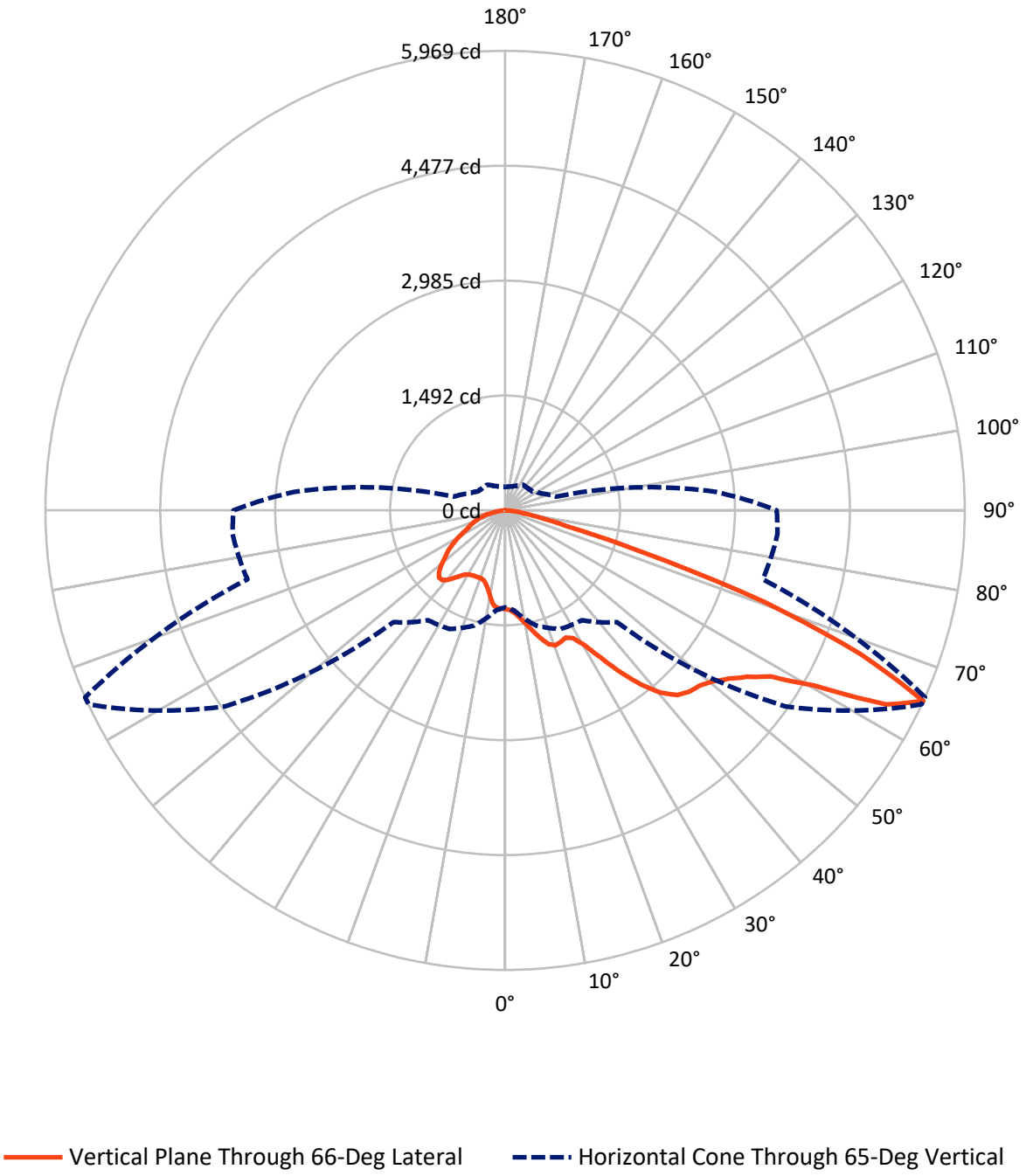
Based on 10 foot mounting height. Maximum calculated value = 19.9 fc
Type II - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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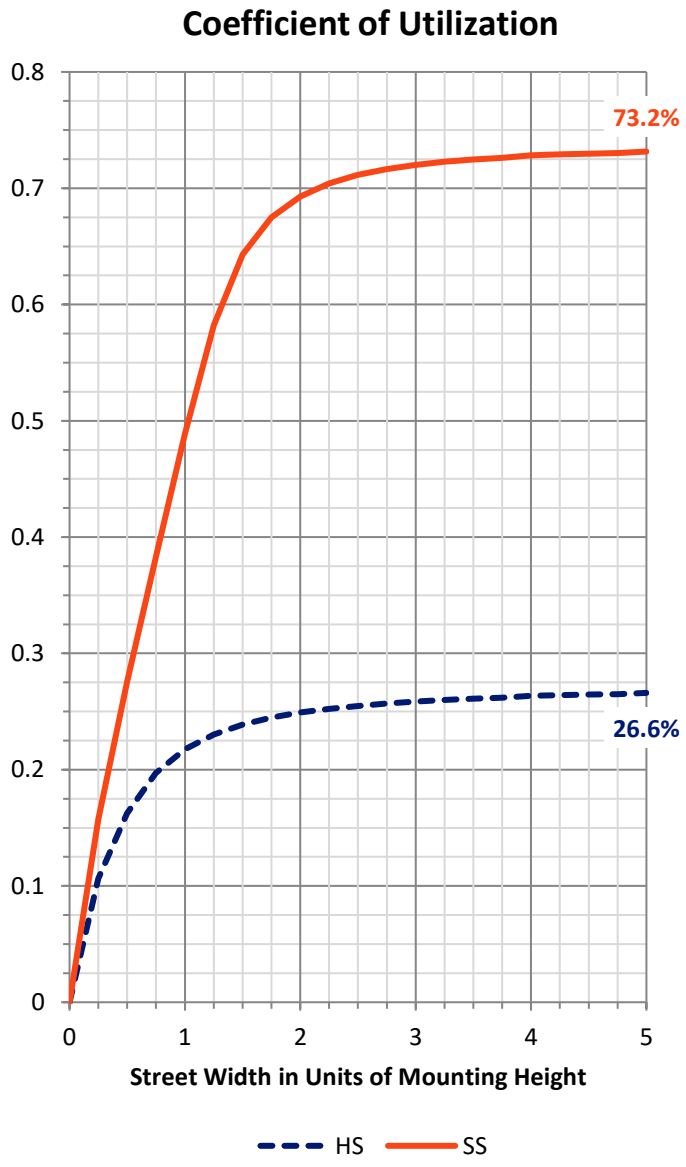
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2248.3	0.0	2248.3
	% Fixture	26.8	0.0	26.8
Street Side	Lumens	6136.8	0.0	6136.8
	% Fixture	73.2	0.0	73.2
Total	Lumens	8385.1	0.0	8385.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.4	1.4
10°-20°	344.1	4.1
20°-30°	637.2	7.6
30°-40°	1115.2	13.3
40°-50°	1720.8	20.5
50°-60°	2146.2	25.6
60°-70°	1703.7	20.3
70°-80°	526.7	6.3
80°-90°	73.9	0.9
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°	8385.1	100.0
0°-180°	8385.1	100.0



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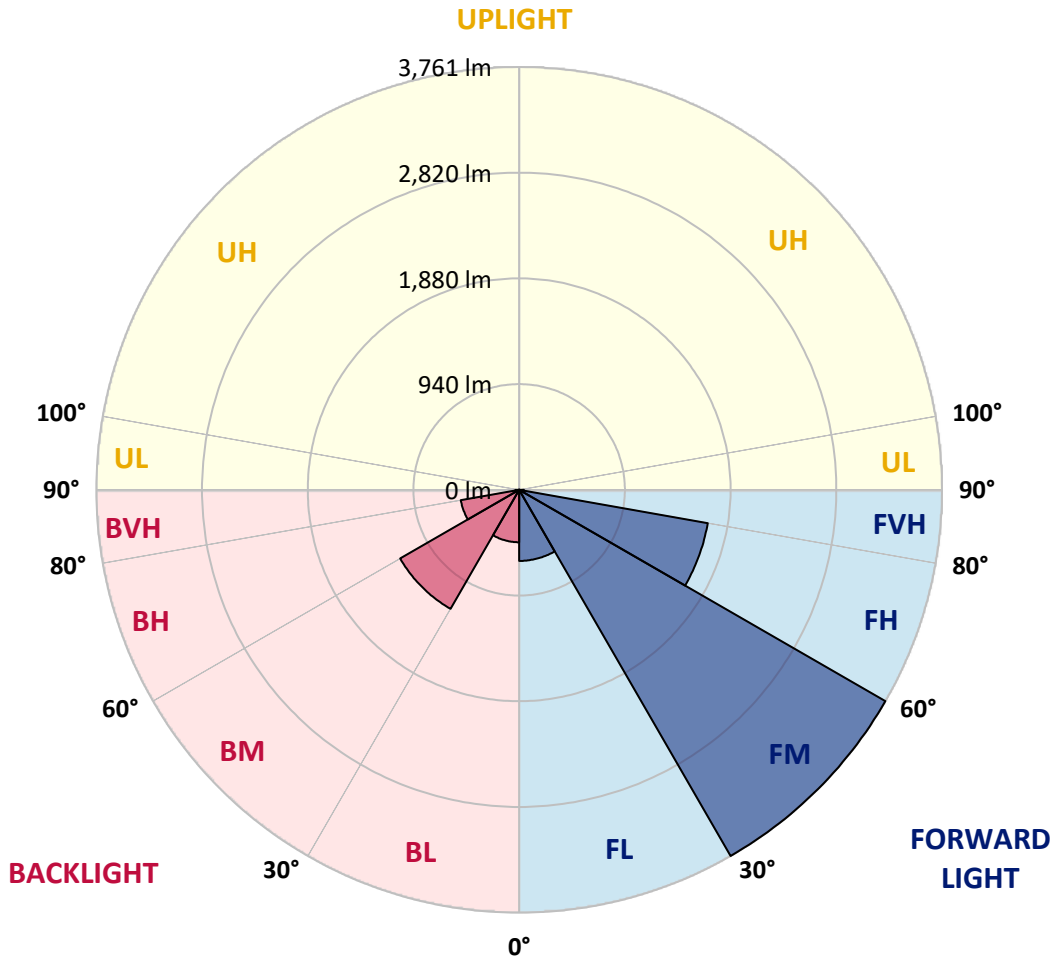
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	632.2	7.5			
FM	(30°-60°)	3760.6	44.8			
FH	(60°-80°)	1703.3	20.3			G1/1800
FVH	(80°-90°)	40.8	0.5			G1/100
BL	(0°-30°)	466.5	5.6	B1/500		
BM	(30°-60°)	1221.6	14.6	B2/2500		
BH	(60°-80°)	527.1	6.3	B2/1000		G2/1000
BVH	(80°-90°)	33.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	*1282.2*	1282.2	1282.2
2.5°	1325.6	1325.6	1317.7	1317.7	1317.7	1313.7	1313.7	1305.8	*1297.9*	1305.8	1290.1
5°	1369.0	1365.0	1361.1	1361.1	1369.0	1365.0	1361.1	1353.2	*1341.3*	1345.3	1333.5
7.5°	1357.1	1357.1	1361.1	1380.8	1388.7	1408.4	1424.2	1420.2	*1412.4*	1412.4	1392.6
10°	1282.2	1282.2	1305.8	1353.2	1400.5	1443.9	1487.3	1507.0	*1503.1*	1507.0	1487.3
12.5°	1049.4	1041.5	1081.0	1175.6	1301.9	1455.8	1550.4	1601.7	*1609.6*	1625.4	1578.1
15°	938.9	935.0	946.8	970.5	1088.9	1301.9	1566.2	1716.1	*1720.1*	1759.5	1704.3
17.5°	958.7	954.7	950.8	958.7	990.2	1132.3	1451.8	1818.7	*1826.6*	1925.2	1850.3
20°	1029.7	1021.8	1013.9	994.2	1006.0	1073.1	1321.6	1842.4	*1870.0*	2106.7	2031.7
22.5°	1136.2	1128.3	1112.5	1092.8	1073.1	1100.7	1266.4	1799.0	*1854.2*	2323.7	2232.9
25°	1266.4	1262.4	1238.8	1203.3	1183.5	1199.3	1321.6	1771.4	*1830.5*	2552.5	2477.5
27.5°	1412.4	1404.5	1380.8	1345.3	1329.5	1329.5	1447.9	1822.6	*1877.9*	2773.4	2773.4
30°	1582.0	1558.3	1530.7	1499.1	1487.3	1514.9	1629.3	2000.2	*2031.7*	3006.2	3093.0
32.5°	1724.0	1724.0	1692.5	1668.8	1668.8	1720.1	1885.8	2240.8	*2276.3*	3223.2	3495.4
35°	1881.8	1866.0	1889.7	1850.3	1873.9	1976.5	2177.7	2520.9	*2580.1*	3416.5	3878.1
37.5°	2102.8	2114.6	2043.6	2023.9	2098.8	2236.9	2465.7	2840.5	*2868.1*	3621.6	4233.1
40°	2485.4	2457.8	2430.2	2296.1	2304.0	2497.3	2765.5	3085.1	*3112.7*	3728.1	4501.4
42.5°	2820.8	2832.6	2761.6	2659.0	2560.4	2714.2	2970.7	3254.7	*3278.4*	3787.3	4643.4
45°	3215.3	3203.4	3116.7	3037.7	2907.6	2899.7	3089.0	3325.7	*3357.3*	3814.9	4706.5
47.5°	3562.5	3566.4	3511.2	3420.4	3286.3	3120.6	3160.0	3384.9	*3400.7*	3846.5	4742.0
50°	3740.0	3732.1	3775.5	3799.2	3649.2	3420.4	3203.4	3463.8	*3491.4*	3964.9	4809.1
52.5°	3633.5	3625.6	3732.1	3905.7	3968.8	3763.7	3353.4	3609.8	*3633.5*	4114.8	4903.8
55°	3235.0	3231.1	3448.0	3771.5	4024.0	4158.2	3645.3	3783.4	*3814.9*	4241.0	4939.3
57.5°	2765.5	2730.0	2951.0	3365.2	3838.6	4193.7	4193.7	4071.4	*4071.4*	4438.3	4963.0
60°	2094.9	2106.7	2355.2	2655.1	3365.2	3874.1	4702.6	4600.0	*4619.7*	4379.1	4742.0
62.5°	1680.6	1696.4	1885.8	1992.3	2426.3	3266.6	4734.2	5720.4	*5550.8*	4114.8	4406.7
65°	*1258.5*	*1301.9*	*1546.5*	*1700.4*	*1739.8*	*2051.5*	*4434.3*	*5965.0*	*5969.0*	*3463.8*	*3550.6*
67.5°	828.5	840.3	1187.5	1432.1	1432.1	1183.5	3006.2	5010.3	*4978.8*	2536.7	2659.0
70°	599.7	623.3	840.3	1155.9	1159.9	804.8	1301.9	3672.9	*3590.1*	1755.6	1862.1
72.5°	414.2	426.1	591.8	887.7	950.8	583.9	718.0	1885.8	*1866.0*	844.3	1132.3
75°	284.0	299.8	394.5	595.7	718.0	430.0	536.5	848.2	*828.5*	489.2	690.4
77.5°	197.3	201.2	264.3	398.5	465.5	315.6	430.0	508.9	*512.9*	355.1	378.7
80°	149.9	161.8	193.3	244.6	319.6	209.1	268.3	288.0	*268.3*	213.0	189.4
82.5°	86.8	90.7	110.5	122.3	189.4	106.5	118.4	177.5	*177.5*	138.1	106.5
85°	31.6	35.5	43.4	47.3	71.0	35.5	39.5	75.0	*78.9*	71.0	31.6
87.5°	3.9	7.9	7.9	3.9	7.9	3.9	3.9	7.9	*7.9*	7.9	7.9
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: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2	1282.2
2.5°	1286.1	1290.1	1282.2	1274.3	1274.3	1262.4	1258.5	1254.6	1250.6	1250.6	1246.7
5°	1321.6	1317.7	1301.9	1270.3	1230.9	1148.0	1073.1	994.2	962.6	942.9	938.9
7.5°	1380.8	1361.1	1329.5	1226.9	1061.2	919.2	844.3	808.8	796.9	796.9	800.9
10°	1455.8	1440.0	1353.2	1120.4	911.3	828.5	824.5	840.3	856.1	860.0	860.0
12.5°	1546.5	1514.9	1349.2	1017.8	856.1	856.1	887.7	911.3	927.1	938.9	931.1
15°	1672.7	1625.4	1333.5	950.8	867.9	907.4	938.9	974.4	986.3	998.1	994.2
17.5°	1799.0	1724.0	1305.8	907.4	899.5	946.8	982.3	1017.8	1029.7	1037.6	1037.6
20°	1956.8	1826.6	1258.5	899.5	927.1	974.4	1013.9	1037.6	1053.3	1061.2	1057.3
22.5°	2130.4	1948.9	1215.1	907.4	942.9	982.3	1013.9	1037.6	1061.2	1069.1	1073.1
25°	2343.4	2087.0	1152.0	915.3	935.0	962.6	998.1	1025.7	1049.4	1069.1	1069.1
27.5°	2564.3	2229.0	1128.3	923.2	907.4	927.1	966.6	998.1	1033.6	1057.3	1065.2
30°	2852.3	2410.5	1140.1	938.9	879.8	883.7	915.3	958.7	998.1	1025.7	1033.6
32.5°	3199.5	2611.7	1179.6	958.7	852.1	840.3	867.9	903.4	938.9	958.7	970.5
35°	3530.9	2840.5	1274.3	1010.0	852.1	816.6	824.5	840.3	856.1	864.0	879.8
37.5°	3818.9	3002.2	1349.2	1069.1	883.7	804.8	785.1	785.1	781.1	777.2	789.0
40°	4012.2	3116.7	1388.7	1144.1	931.1	800.9	745.6	729.8	706.2	686.5	694.3
42.5°	4095.0	3148.2	1400.5	1199.3	950.8	785.1	710.1	670.7	635.2	619.4	623.3
45°	4130.6	3081.1	1372.9	1207.2	942.9	757.5	674.6	631.2	587.8	560.2	552.3
47.5°	4114.8	3018.0	1321.6	1155.9	895.5	725.9	639.1	579.9	548.4	532.6	528.6
50°	4166.1	2966.7	1290.1	1061.2	808.8	674.6	595.7	536.5	528.6	501.0	493.1
52.5°	4241.0	3029.9	1242.7	958.7	725.9	623.3	556.3	508.9	485.3	477.4	477.4
55°	4355.4	3144.3	1191.4	879.8	647.0	564.2	524.7	489.2	469.5	461.6	453.7
57.5°	4525.1	3278.4	1112.5	781.1	572.0	524.7	501.0	457.6	430.0	422.1	414.2
60°	4509.3	3341.5	990.2	686.5	516.8	485.3	469.5	426.1	398.5	382.7	374.8
62.5°	4316.0	3227.1	832.4	587.8	473.4	449.7	434.0	394.5	351.1	331.4	327.4
65°	*3526.9*	*2745.8*	*686.5*	*516.8*	*430.0*	*410.3*	*406.3*	*351.1*	*319.6*	*307.7*	*303.8*
67.5°	2824.7	2335.5	587.8	473.4	382.7	374.8	363.0	331.4	327.4	315.6	315.6
70°	2051.5	1578.1	505.0	414.2	343.2	327.4	366.9	359.0	335.3	315.6	311.7
72.5°	1266.4	828.5	445.8	363.0	291.9	303.8	370.8	343.2	299.8	280.1	268.3
75°	773.2	524.7	382.7	311.7	236.7	256.4	331.4	295.9	248.5	232.8	224.9
77.5°	382.7	363.0	295.9	252.5	181.5	209.1	288.0	244.6	201.2	268.3	228.8
80°	193.3	205.1	193.3	146.0	126.2	153.9	213.0	189.4	149.9	193.3	134.1
82.5°	90.7	118.4	130.2	102.6	71.0	86.8	138.1	110.5	98.6	94.7	90.7
85°	27.6	43.4	55.2	47.3	27.6	31.6	63.1	55.2	67.1	55.2	55.2
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	7.9	3.9	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

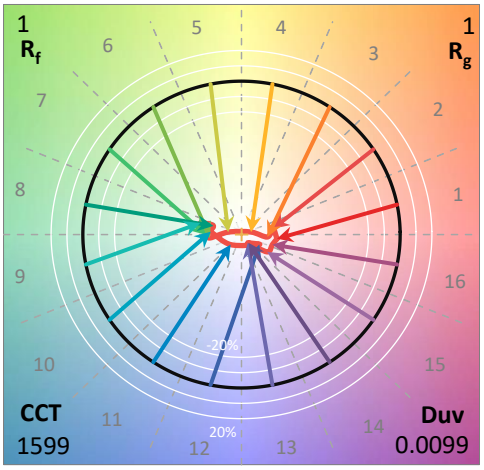
Test Information

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

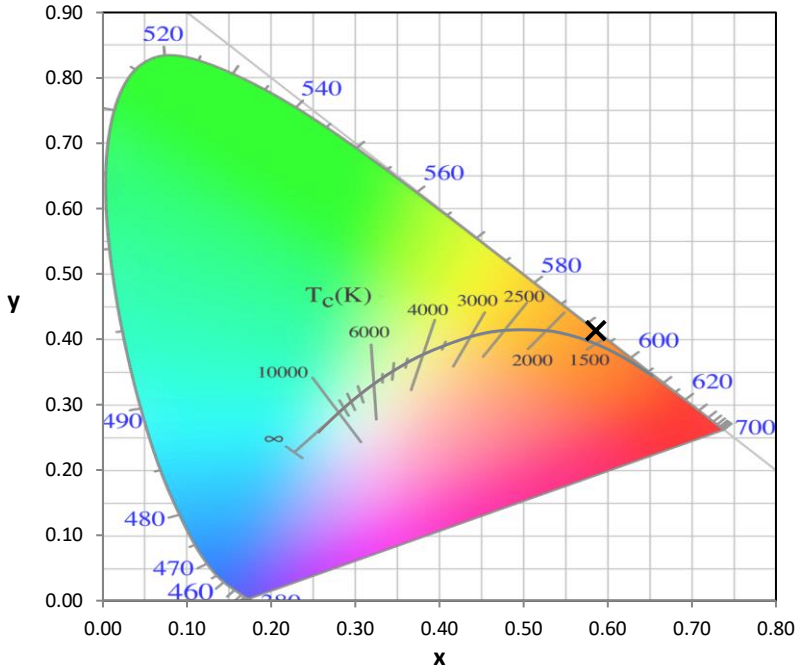
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

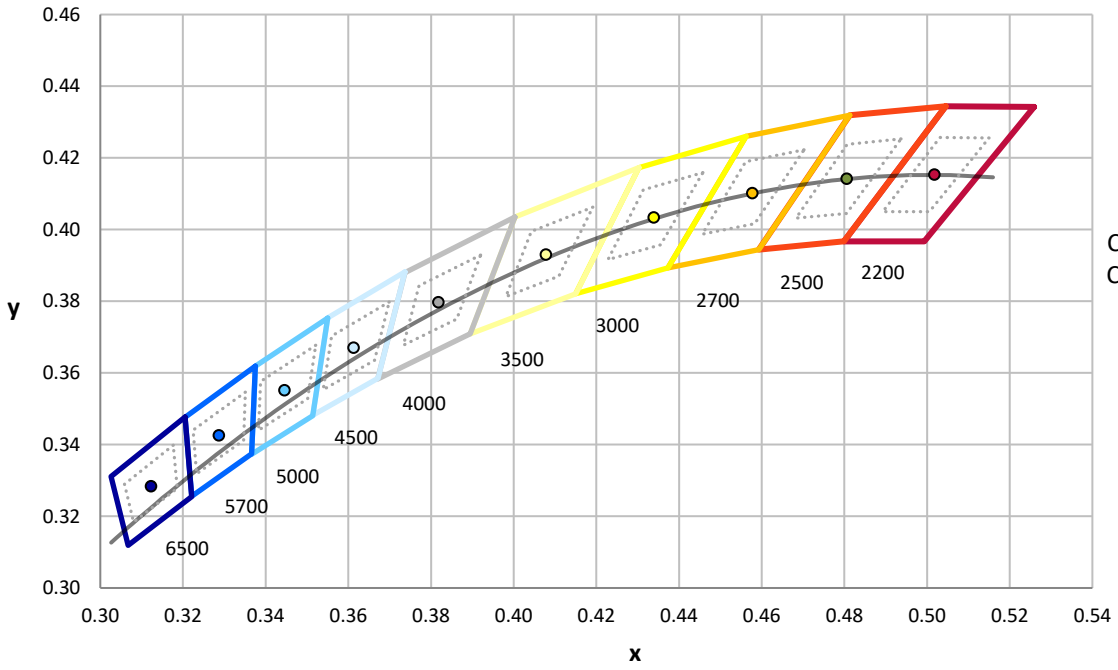
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

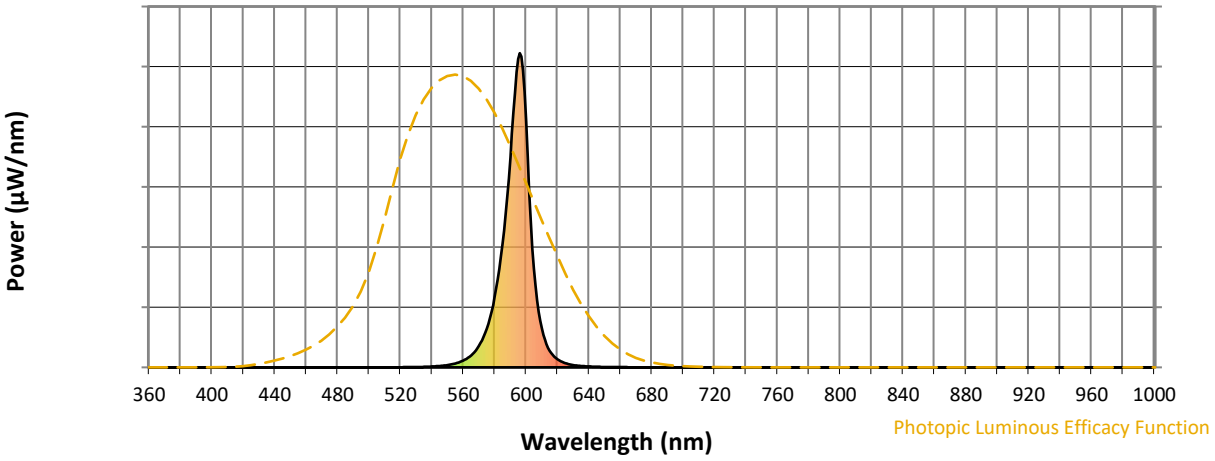


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

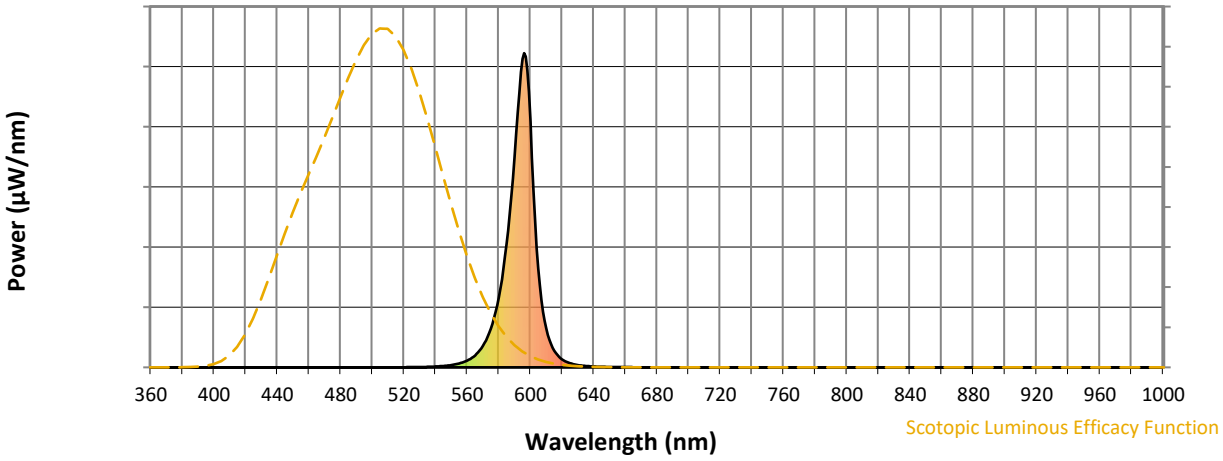


Photopic Lumens: NR

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

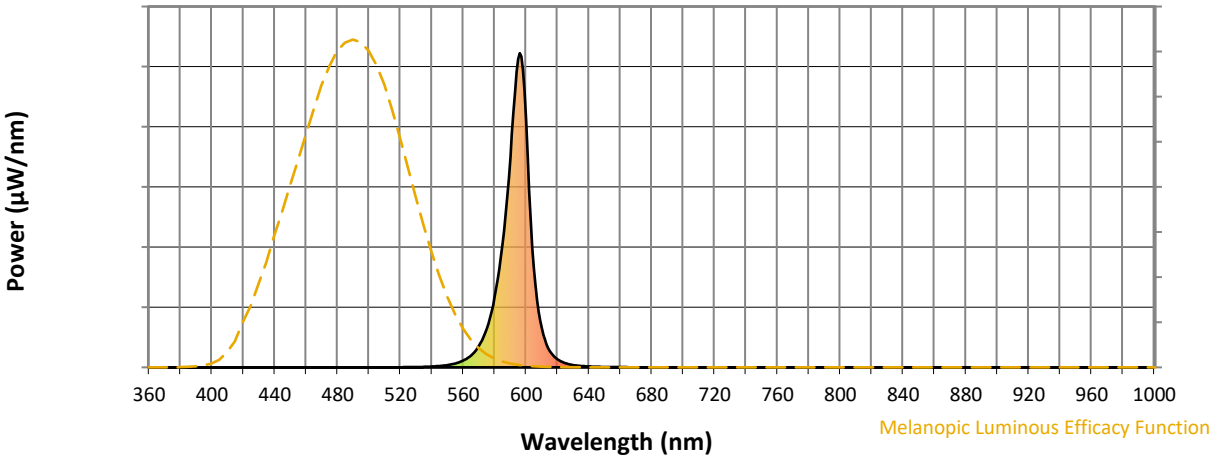


Scotopic Lumens: NR **S/P: 0.23**

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			

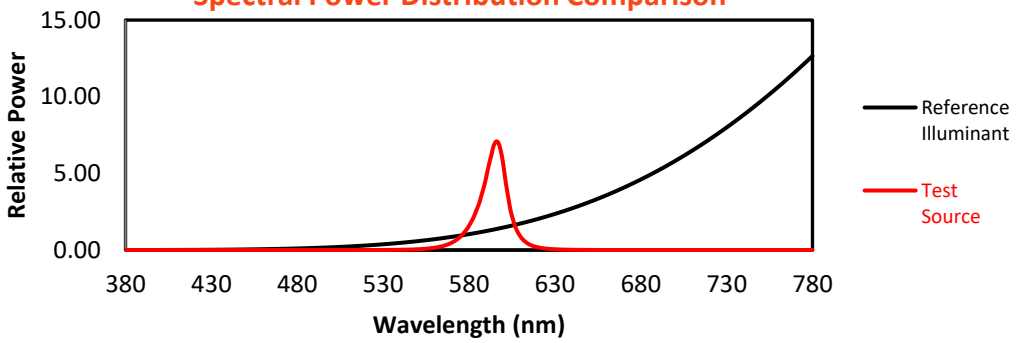
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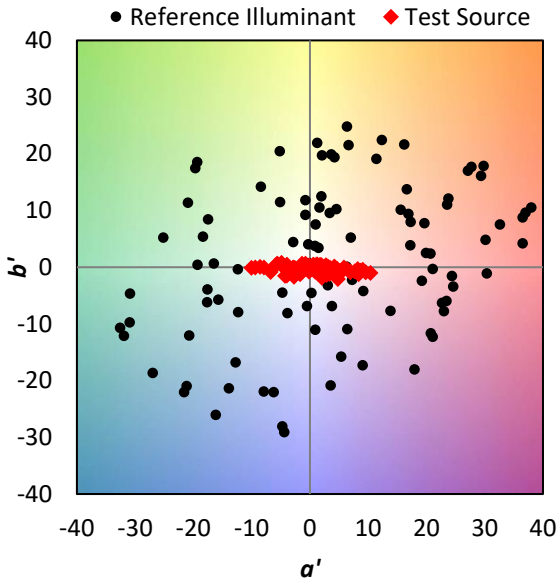
Summary

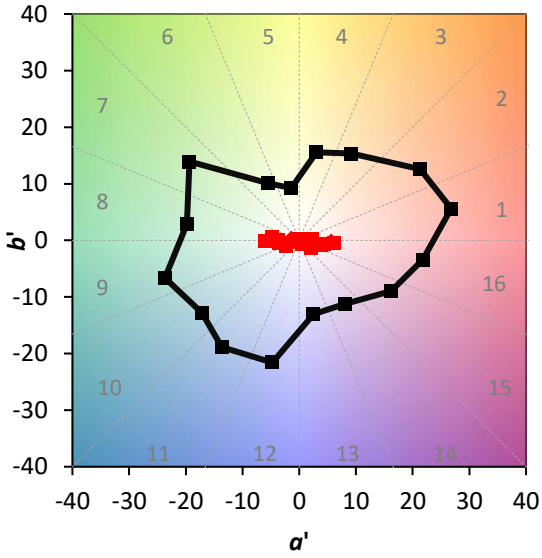
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

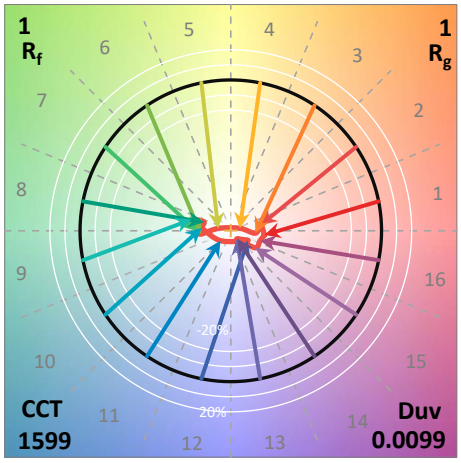
Spectral Power Distribution Comparison

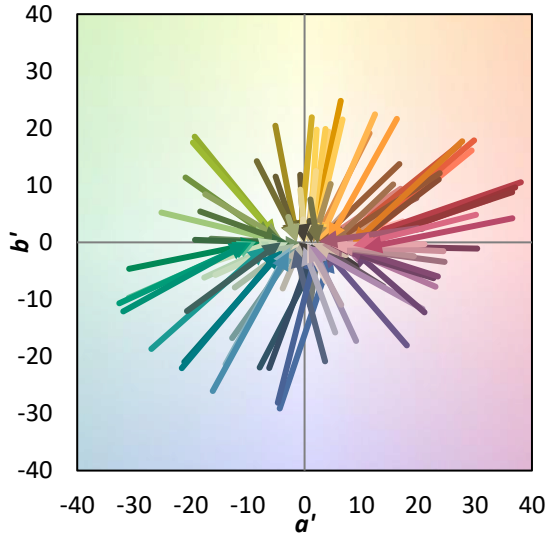


Color Vector Graphics







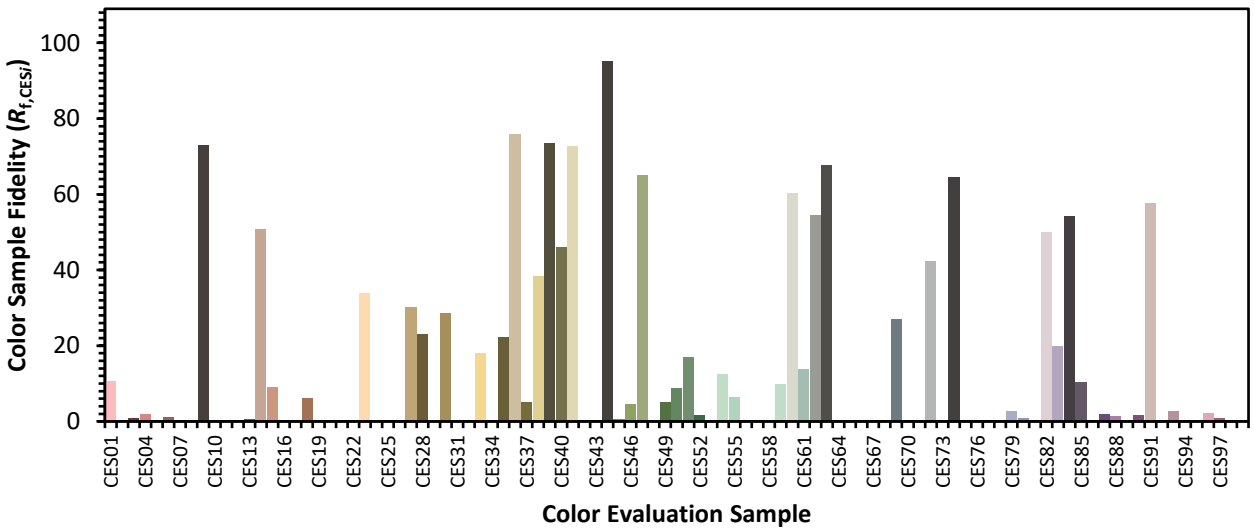


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Individual Sample Fidelity Index ($R_{f,i}$)

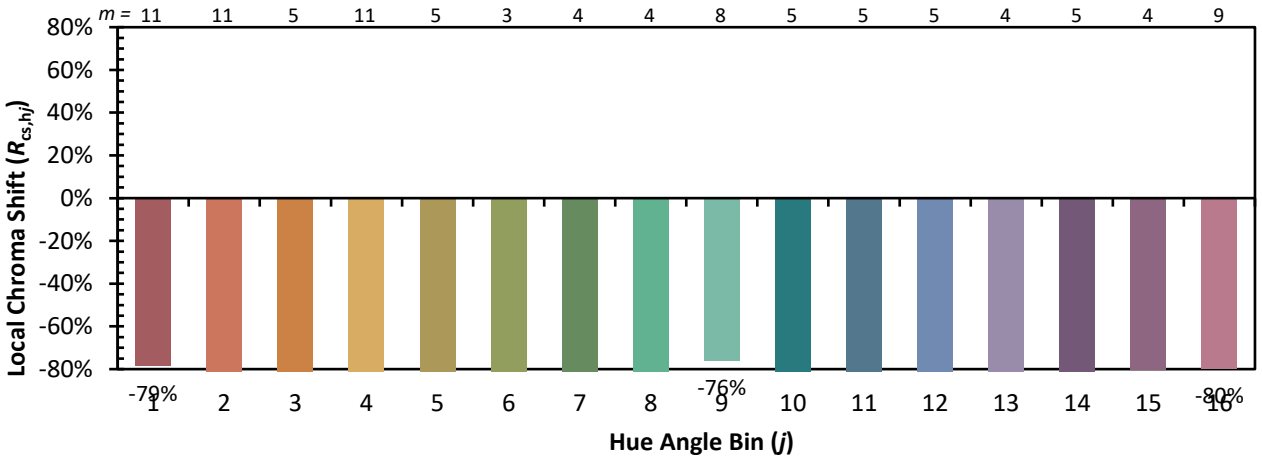
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

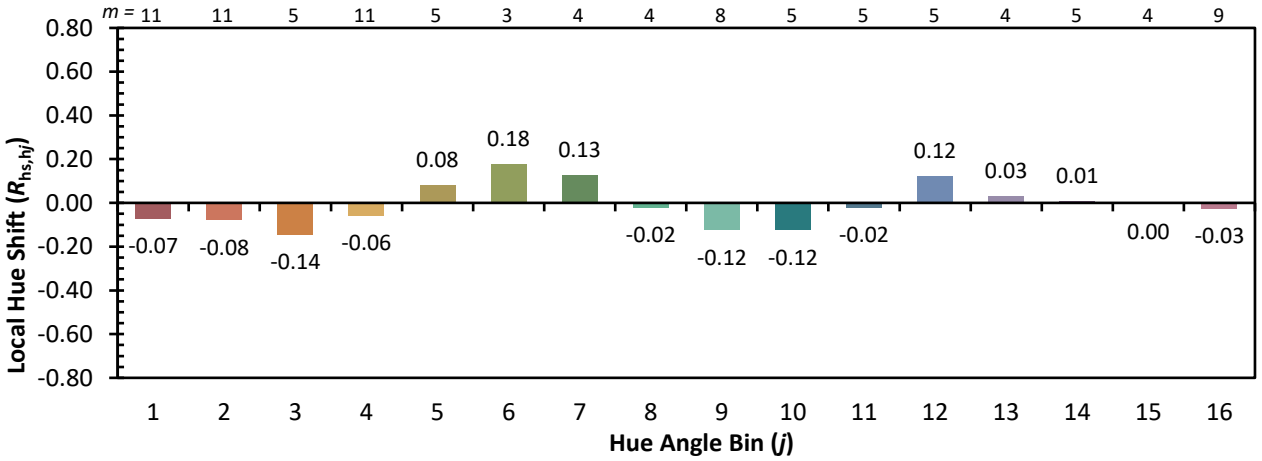


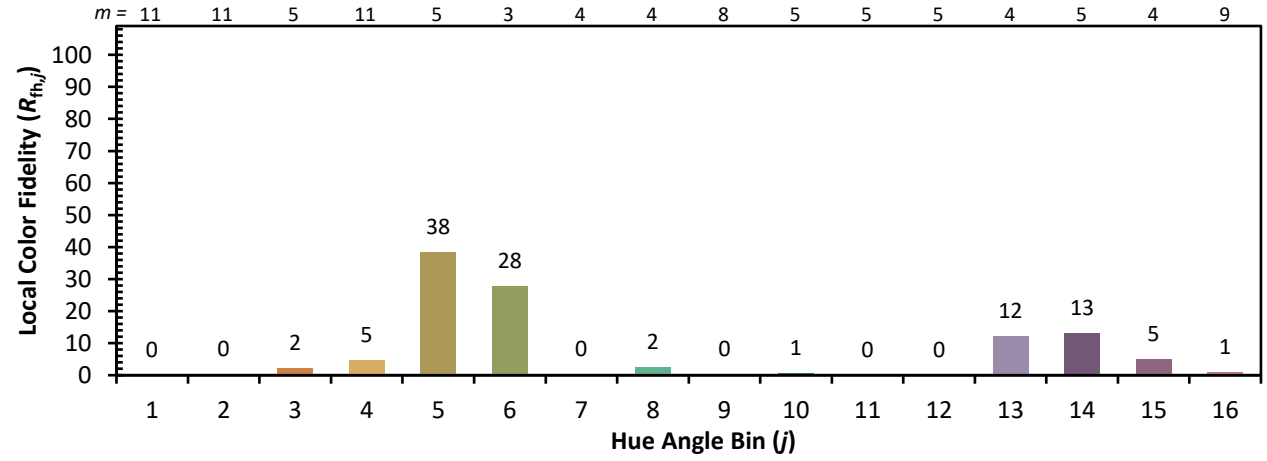
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Color Rendition by Hue-Angle Bin



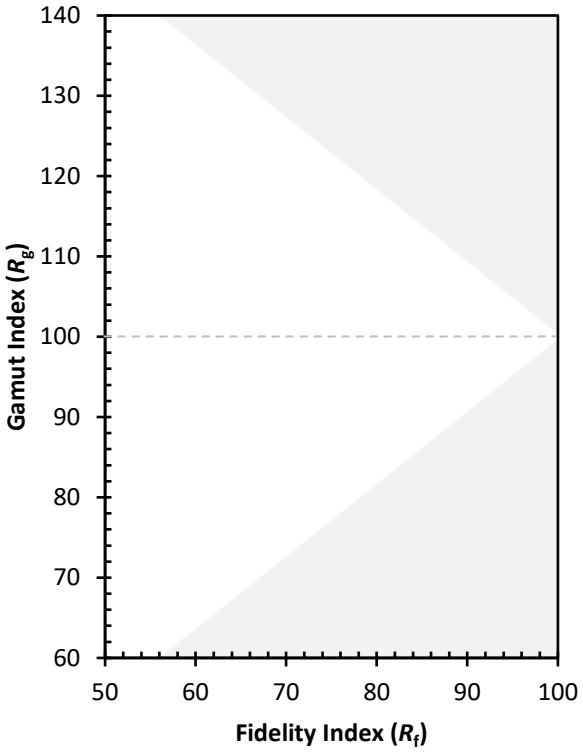


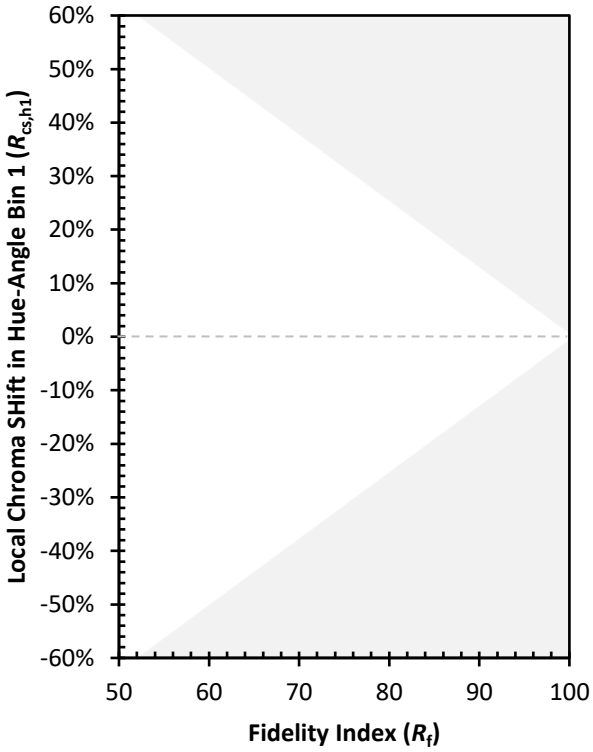


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Measure Comparisons





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