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: P1502189

Luminaire Tested: GSS-SB1A-735-U-T3LG-HSS

Issue Date: 07/20/2026

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:	P1502189
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-735-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3408.5 lumens
Efficiency:	N/A
Efficacy:	110.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

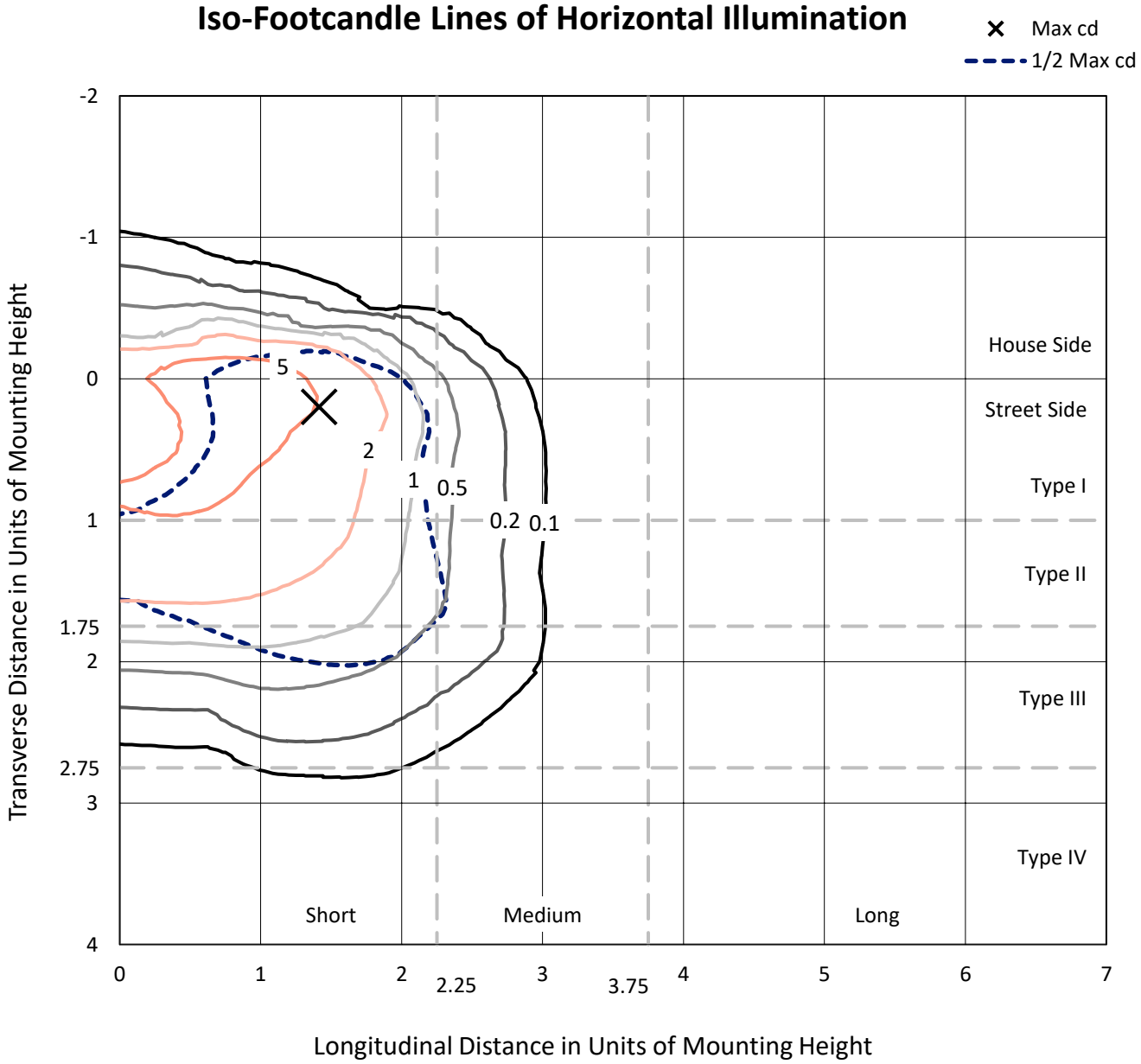
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502189
CATALOG NUMBER: GSS-SB1A-735-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



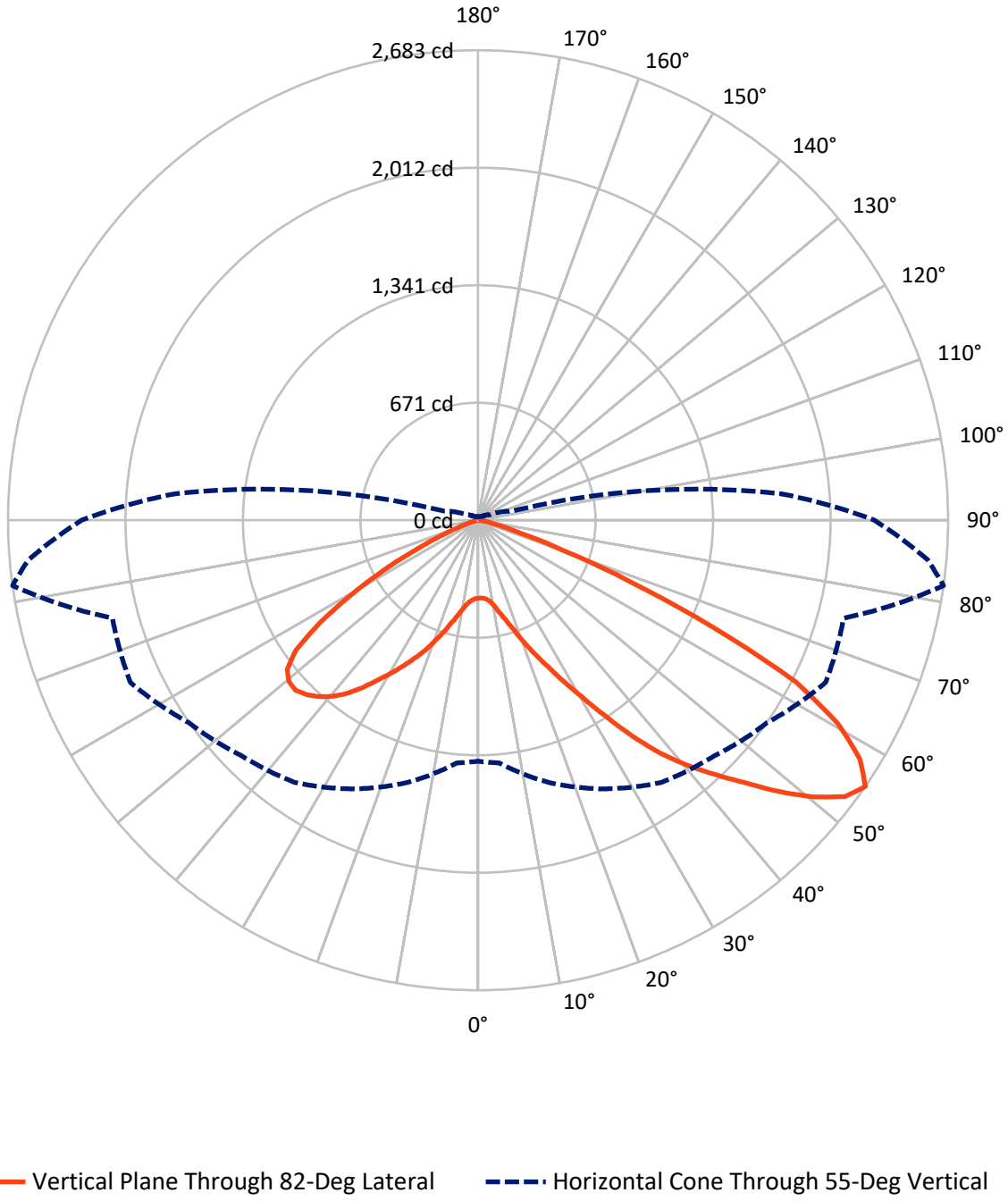
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502189
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Luminous Intensity Polar Plot



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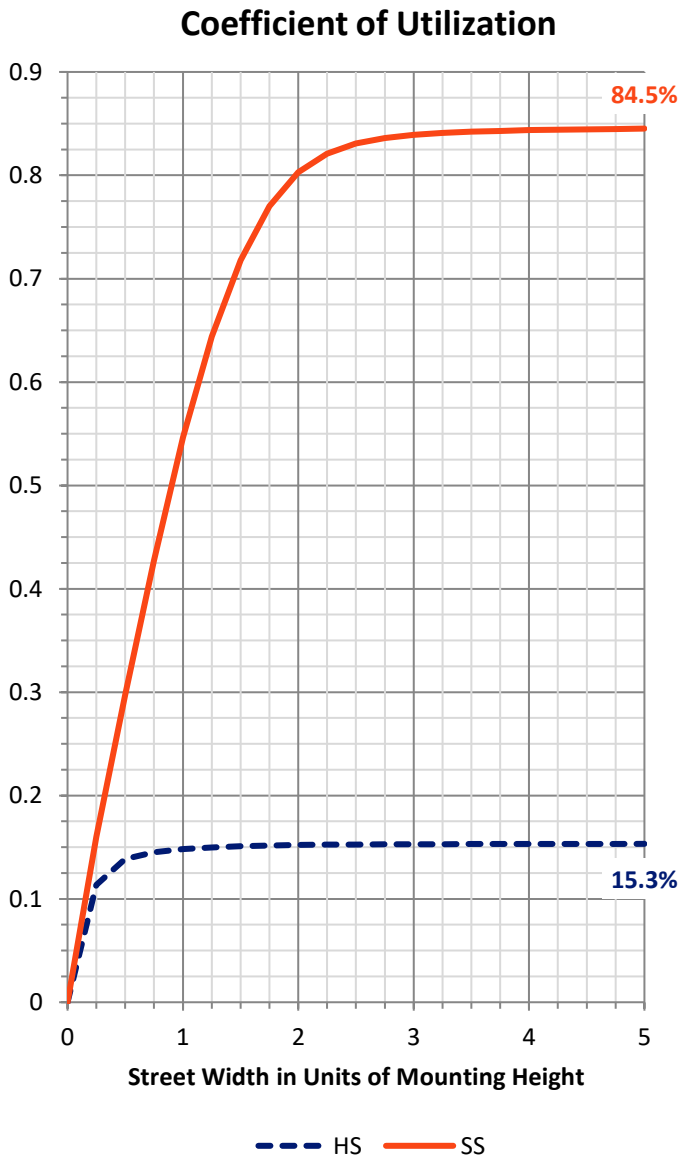
REPORT NUMBER: P1502189
CATALOG NUMBER: GSS-SB1A-735-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	526.8	0.0	526.8
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	2881.6	0.0	2881.6
	% Fixture	84.5	0.0	84.5
Total	Lumens	3408.5	0.0	3408.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.3	1.2
10°-20°	109.2	3.2
20°-30°	218.3	6.4
30°-40°	452.0	13.3
40°-50°	755.1	22.2
50°-60°	957.7	28.1
60°-70°	716.0	21.0
70°-80°	151.7	4.4
80°-90°	8.2	0.2
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°	3408.5	100.0
0°-180°	3408.5	100.0



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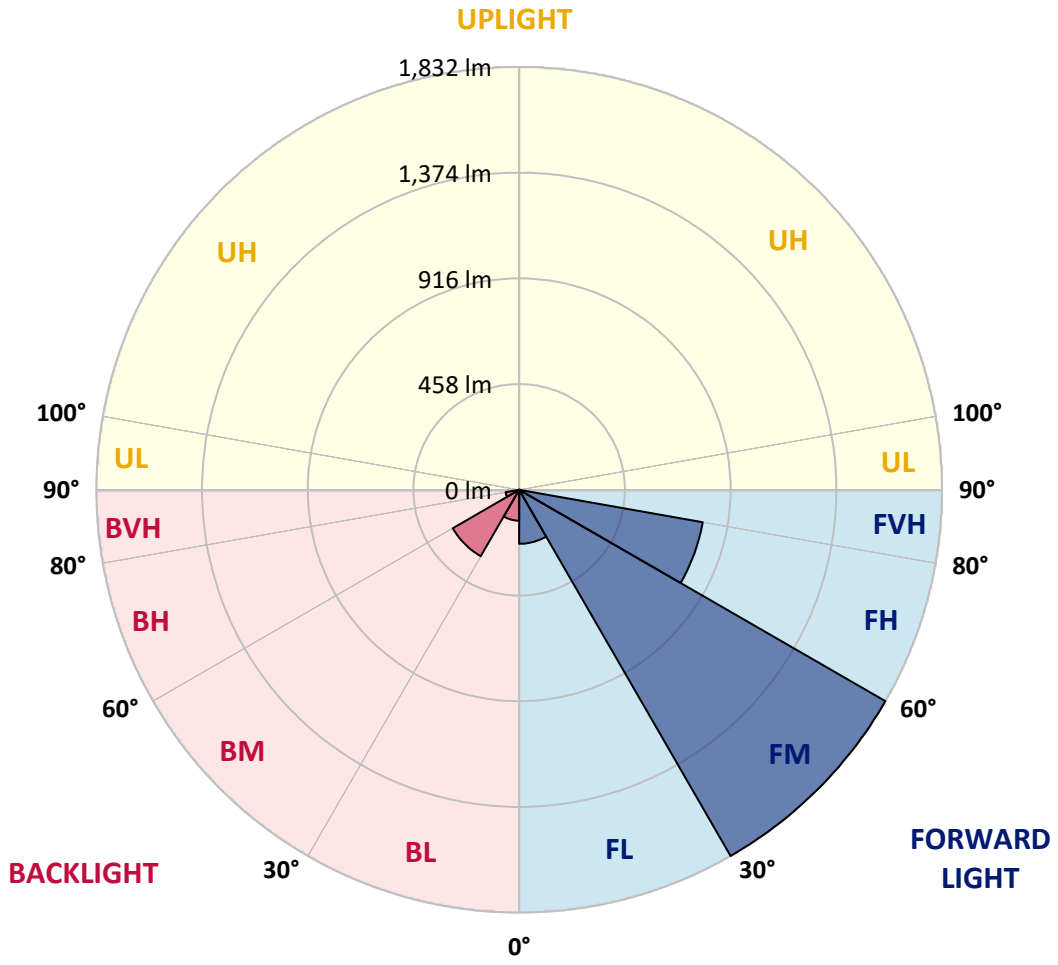
Scaled Data Report

REPORT NUMBER: P1502189
CATALOG NUMBER: GSS-SB1A-735-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	234.1	6.9			
FM	(30°-60°)	1832.4	53.8			
FH	(60°-80°)	807.8	23.7			G1/1800
FVH	(80°-90°)	7.3	0.2			G0/10
BL	(0°-30°)	133.7	3.9	B1/500		
BM	(30°-60°)	332.4	9.8	B1/1000		
BH	(60°-80°)	59.8	1.8	B0/110		G0/110
BVH	(80°-90°)	0.9	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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REPORT NUMBER: P1502189
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0	*445.0*	445.0
2.5°	432.9	433.9	432.0	432.9	434.8	433.9	437.6	440.3	443.1	*444.0*	445.0
5°	395.0	395.9	396.9	404.3	408.9	420.0	430.2	436.6	445.9	*450.5*	451.4
7.5°	349.7	349.7	353.4	362.6	374.7	395.9	419.1	437.6	455.1	*464.4*	466.2
10°	341.4	342.3	342.3	348.8	358.9	380.2	409.8	446.8	478.3	*492.2*	496.8
12.5°	343.2	344.1	345.1	351.5	361.7	380.2	418.1	466.2	515.3	*538.4*	541.2
15°	347.8	349.7	352.5	360.8	371.9	395.9	435.7	494.0	559.7	*589.3*	596.7
17.5°	361.7	362.6	367.3	376.5	394.1	418.1	461.6	530.1	621.7	*654.0*	667.9
20°	383.0	384.8	391.3	404.3	424.6	455.1	503.3	577.3	688.3	*738.2*	749.3
22.5°	409.8	409.8	419.1	439.4	468.1	502.3	560.6	640.2	769.7	*828.0*	846.5
25°	454.2	453.3	460.7	483.8	518.1	568.0	627.2	715.1	854.8	*924.2*	943.6
27.5°	556.0	553.2	550.4	551.4	581.0	644.8	713.3	809.5	960.3	*1041.7*	1056.5
30°	674.4	678.1	674.4	665.1	669.8	729.0	814.1	925.1	1078.7	*1170.2*	1189.7
32.5°	778.0	779.9	795.6	805.8	809.5	837.2	930.6	1064.8	1229.5	*1329.4*	1354.3
35°	890.9	893.6	911.2	932.5	965.8	990.8	1076.8	1226.7	1383.0	*1508.8*	1527.3
37.5°	1022.2	1026.9	1050.0	1080.5	1126.8	1184.1	1230.4	1373.8	1539.4	*1684.6*	1704.0
40°	1137.9	1152.7	1192.5	1231.3	1280.3	1345.1	1375.6	1502.4	1655.0	*1840.0*	1872.4
42.5°	1247.0	1255.4	1319.2	1379.3	1437.6	1490.3	1519.9	1603.2	1757.7	*1984.3*	2020.4
45°	1337.7	1344.2	1415.4	1495.0	1567.1	1619.8	1624.5	1701.3	1859.4	*2137.0*	2164.7
47.5°	1393.2	1403.4	1495.0	1585.6	1665.2	1714.2	1706.8	1826.1	1970.5	*2314.6*	2318.3
50°	1426.5	1433.0	1526.4	1643.9	1742.0	1776.2	1791.9	1945.5	2071.3	*2483.0*	2460.8
52.5°	1450.6	1460.7	1552.3	1677.2	1787.3	1833.5	1890.0	2079.6	2150.9	*2620.8*	2561.6
55°	*1375.6*	*1390.4*	*1548.6*	*1692.0*	*1826.1*	*1903.9*	*2014.9*	*2189.7*	*2160.1*	*2682.8*	*2574.5*
57.5°	1291.4	1294.2	1450.6	1687.4	1869.6	1977.9	2129.6	2198.0	2074.1	*2569.9*	2443.2
60°	1167.5	1184.1	1344.2	1627.2	1877.0	2037.1	2207.3	2097.2	1916.8	*2360.8*	2170.3
62.5°	819.6	845.5	1054.6	1469.1	1824.3	2069.4	2194.3	1921.4	1719.8	*2038.0*	1824.3
65°	458.8	481.1	652.2	1185.0	1679.1	2062.0	2061.1	1686.5	1403.4	*1472.8*	1304.4
67.5°	251.6	269.2	338.6	891.8	1332.1	1903.9	1780.8	1286.8	940.8	*935.3*	814.1
70°	175.8	176.7	213.7	602.2	957.5	1328.4	1392.3	863.1	583.7	*516.2*	435.7
72.5°	86.0	87.0	106.4	284.0	585.6	736.4	954.7	448.7	327.5	*256.3*	218.3
75°	43.5	42.6	58.3	106.4	242.4	358.9	420.9	224.8	190.6	*140.6*	124.9
77.5°	27.8	28.7	34.2	58.3	109.2	139.7	129.5	122.1	111.9	*82.3*	71.2
80°	18.5	18.5	23.1	37.0	53.7	66.6	39.8	56.4	65.7	*48.1*	41.6
82.5°	5.6	5.6	13.9	20.4	25.9	26.8	17.6	25.9	37.0	*26.8*	20.4
85°	3.7	3.7	7.4	10.2	11.1	9.3	5.6	11.1	17.6	*12.0*	10.2
87.5°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	*0.9*	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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Scaled Data Report

REPORT NUMBER: P1502189
CATALOG NUMBER: GSS-SB1A-735-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0	445.0
2.5°	445.9	446.8	449.6	450.5	452.4	453.3	453.3	453.3	452.4	453.3	455.1
5°	453.3	457.9	461.6	460.7	460.7	456.1	452.4	445.0	441.3	440.3	441.3
7.5°	471.8	475.5	479.2	473.6	459.8	438.5	415.4	396.9	381.1	373.7	376.5
10°	505.1	509.7	509.7	483.8	445.0	395.0	353.4	319.2	293.3	279.4	285.9
12.5°	553.2	556.9	547.7	493.1	419.1	336.7	267.4	210.0	176.7	160.0	156.3
15°	608.7	614.3	582.8	491.2	378.4	251.6	166.5	124.9	112.9	109.2	110.1
17.5°	679.9	682.7	621.7	476.4	308.1	164.7	118.4	106.4	103.6	101.8	101.8
20°	767.8	759.5	653.1	451.4	224.8	129.5	109.2	99.9	97.1	96.2	97.1
22.5°	862.2	849.2	679.0	404.3	170.2	122.1	104.5	94.4	90.7	89.7	89.7
25°	961.2	931.6	699.4	334.9	159.1	120.3	99.0	86.0	82.3	80.5	80.5
27.5°	1074.0	1023.2	710.5	280.3	161.9	117.5	92.5	78.6	73.1	71.2	71.2
30°	1198.9	1124.9	711.4	269.2	167.4	113.8	86.0	70.3	64.8	62.0	62.9
32.5°	1350.6	1228.5	708.6	286.8	171.1	111.0	78.6	62.0	57.4	54.6	54.6
35°	1507.9	1354.3	697.5	320.1	173.0	102.7	69.4	54.6	49.0	48.1	49.0
37.5°	1664.3	1473.7	681.8	338.6	163.7	84.2	56.4	47.2	43.5	43.5	43.5
40°	1806.7	1577.3	660.5	322.9	130.4	61.1	46.3	40.7	38.9	37.9	38.9
42.5°	1913.1	1669.8	621.7	272.0	92.5	49.0	40.7	36.1	34.2	34.2	35.2
45°	2029.7	1758.6	546.7	199.8	70.3	42.6	35.2	31.5	30.5	30.5	31.5
47.5°	2147.2	1829.8	474.6	133.2	61.1	37.9	31.5	28.7	27.8	26.8	27.8
50°	2236.9	1864.1	380.2	97.1	55.5	34.2	28.7	26.8	25.0	24.1	24.1
52.5°	2300.7	1854.8	278.5	83.3	50.9	31.5	26.8	25.0	22.2	22.2	22.2
55°	*2261.9*	*1736.4*	*200.7*	*74.9*	*47.2*	*29.6*	*25.9*	*23.1*	*21.3*	*20.4*	*20.4*
57.5°	2073.1	1480.2	145.2	67.5	41.6	27.8	25.0	22.2	19.4	18.5	18.5
60°	1802.1	1152.7	108.2	59.2	36.1	26.8	22.2	21.3	18.5	16.7	16.7
62.5°	1472.8	839.1	84.2	50.9	32.4	23.1	21.3	19.4	16.7	14.8	13.9
65°	1022.2	535.6	64.8	41.6	30.5	20.4	19.4	16.7	13.9	11.1	11.1
67.5°	630.9	318.2	50.0	32.4	24.1	17.6	16.7	14.8	12.0	9.3	9.3
70°	348.8	168.4	34.2	24.1	18.5	13.9	13.0	13.0	10.2	8.3	7.4
72.5°	167.4	91.6	23.1	20.4	13.9	9.3	10.2	10.2	8.3	6.5	6.5
75°	100.8	54.6	15.7	15.7	9.3	7.4	7.4	8.3	6.5	4.6	4.6
77.5°	57.4	32.4	9.3	12.0	6.5	4.6	5.6	4.6	3.7	2.8	2.8
80°	32.4	18.5	5.6	8.3	3.7	2.8	2.8	1.9	1.9	0.9	0.9
82.5°	15.7	10.2	2.8	2.8	1.9	0.9	0.9	0.9	0.9	0.0	0.0
85°	7.4	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

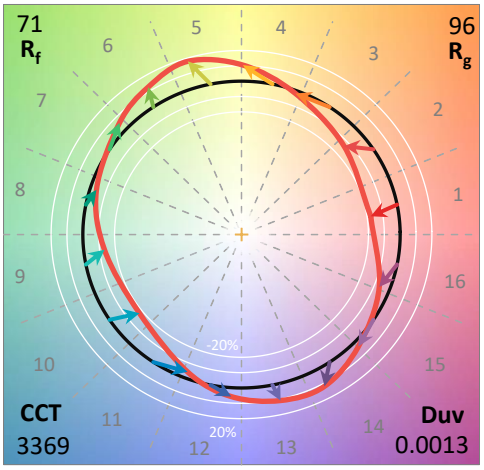
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

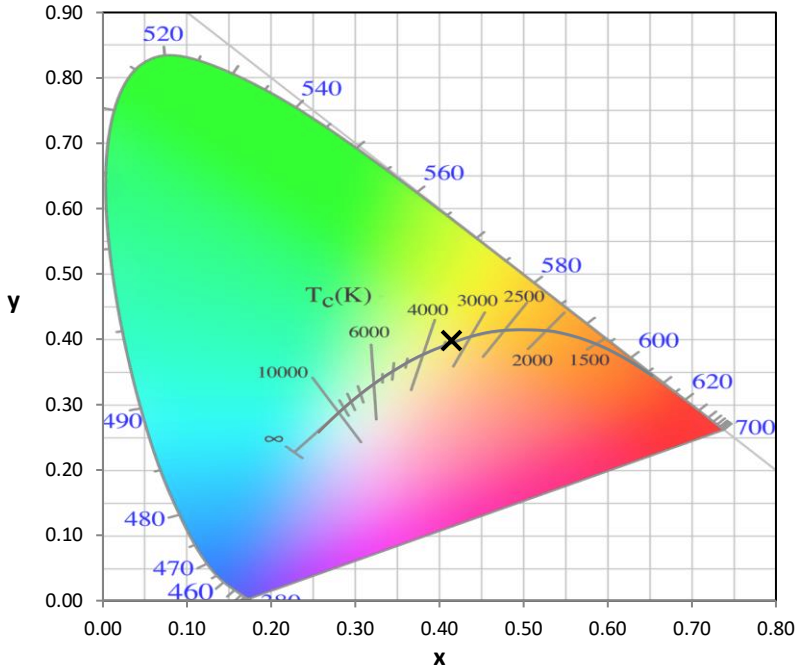
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

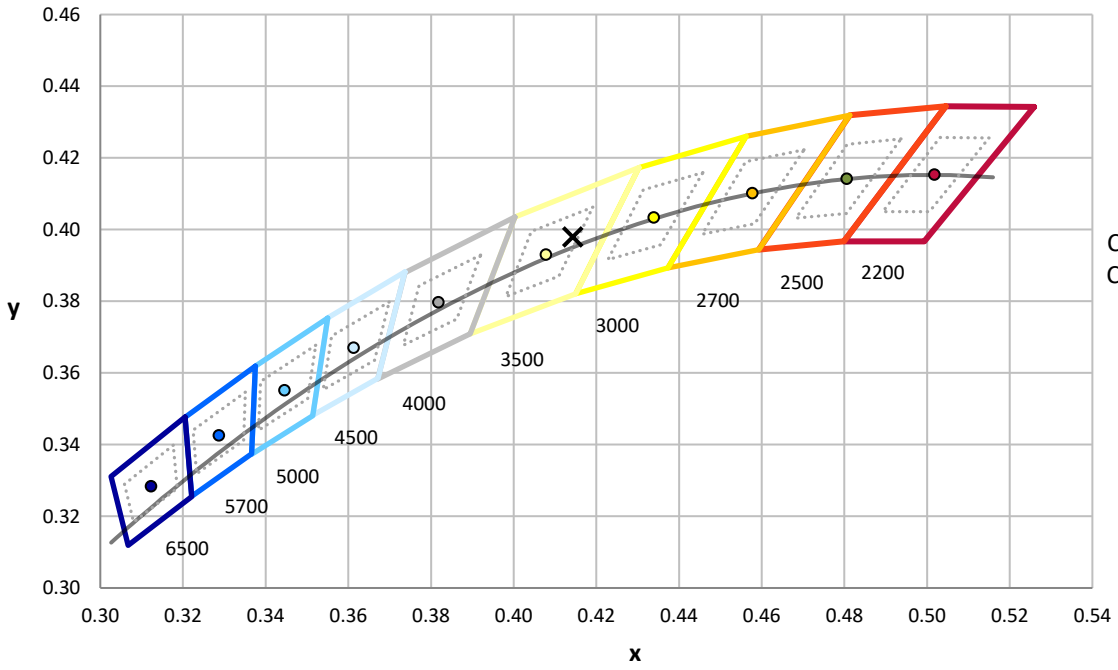
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

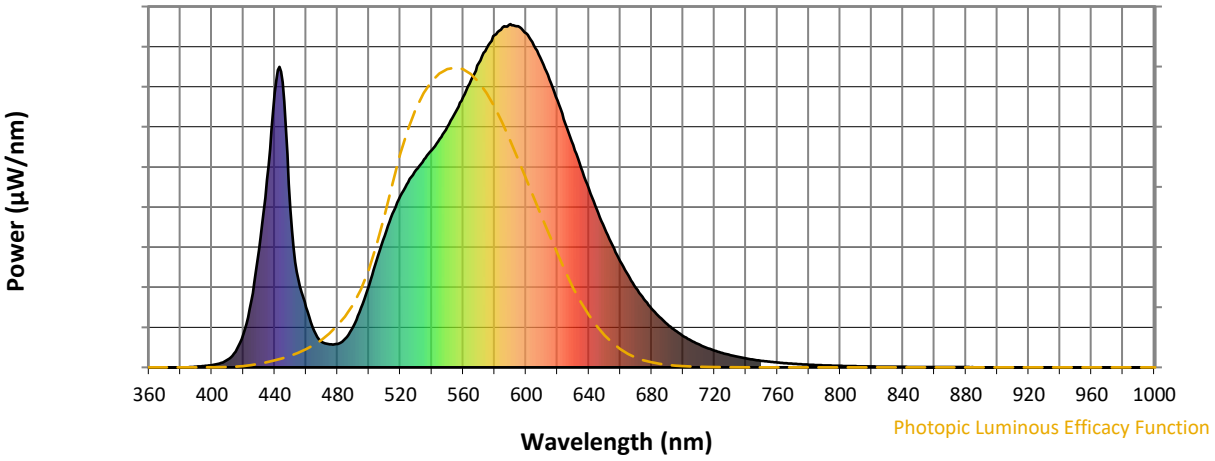


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

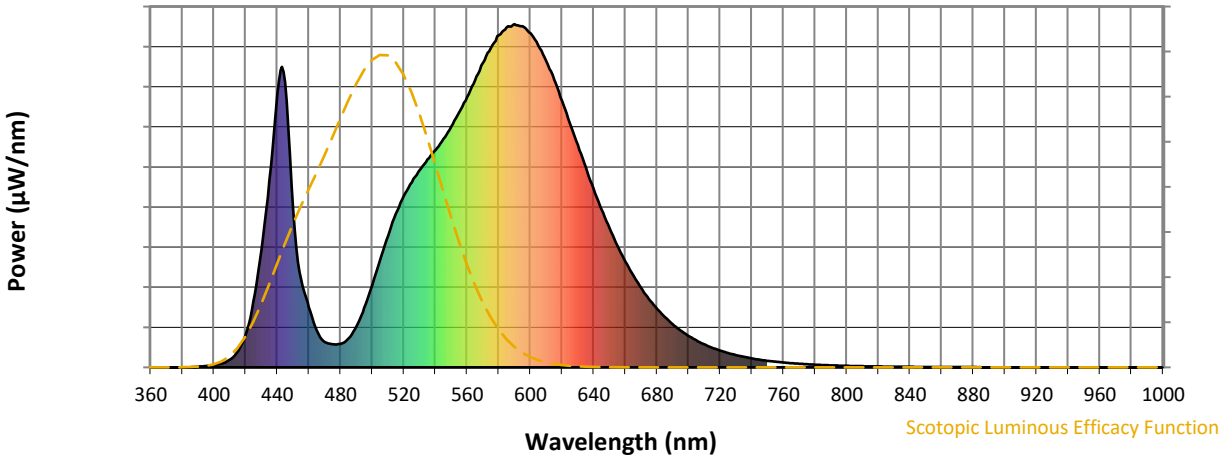


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

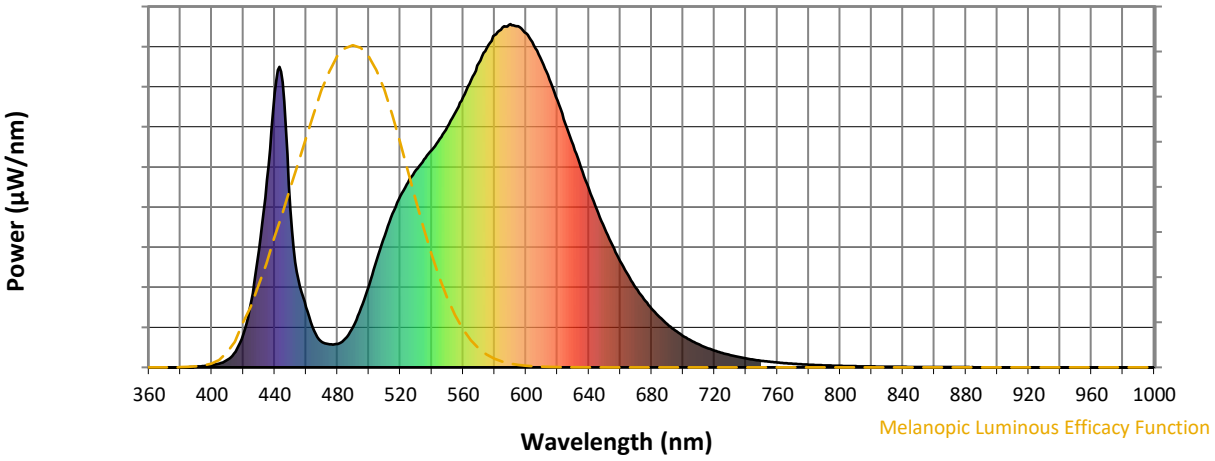


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

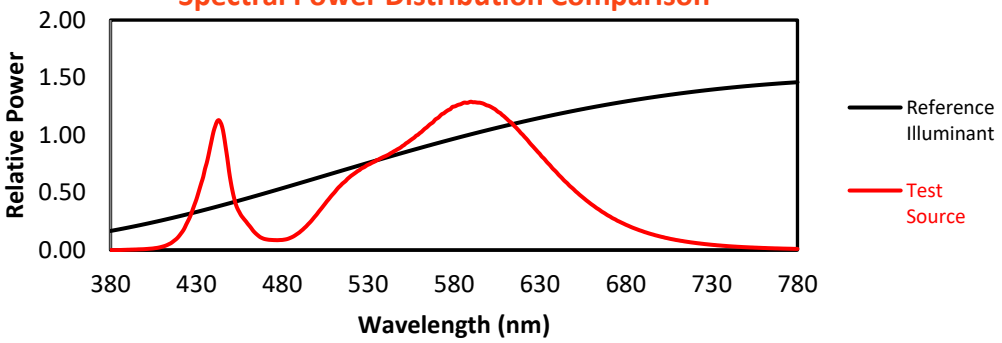
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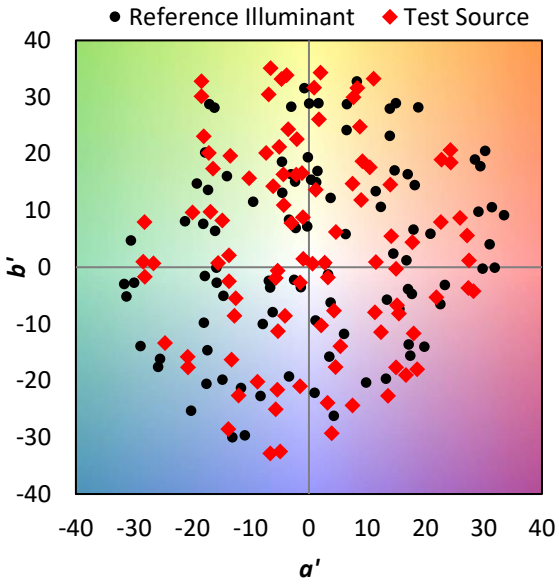
Summary

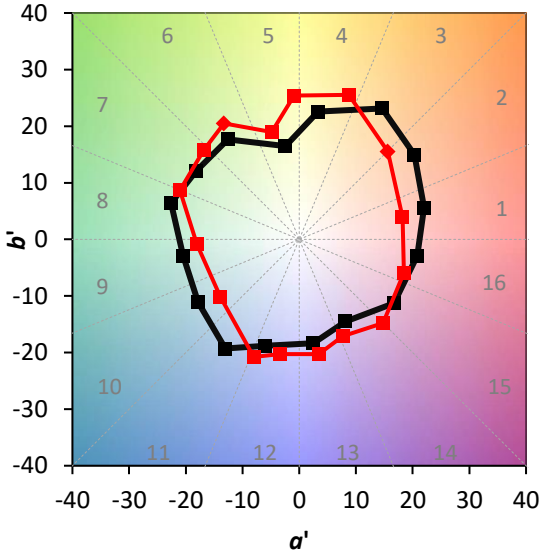
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

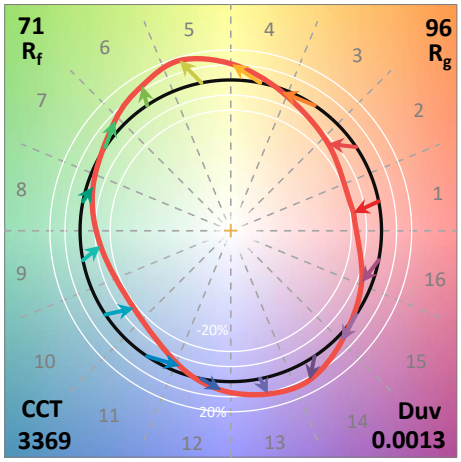
Spectral Power Distribution Comparison

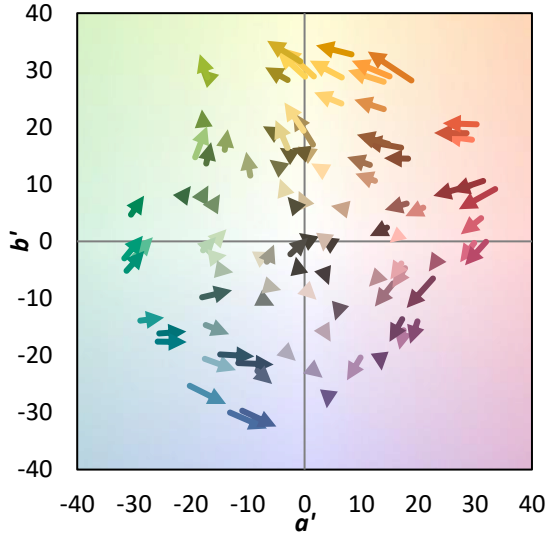


Color Vector Graphics







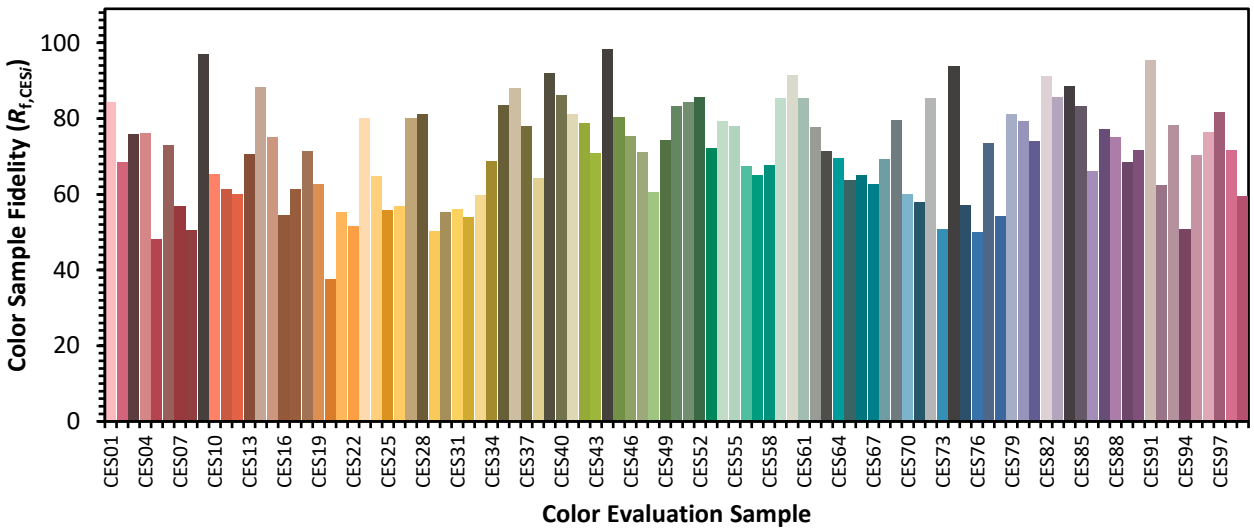


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Individual Sample Fidelity Index ($R_{f,i}$)

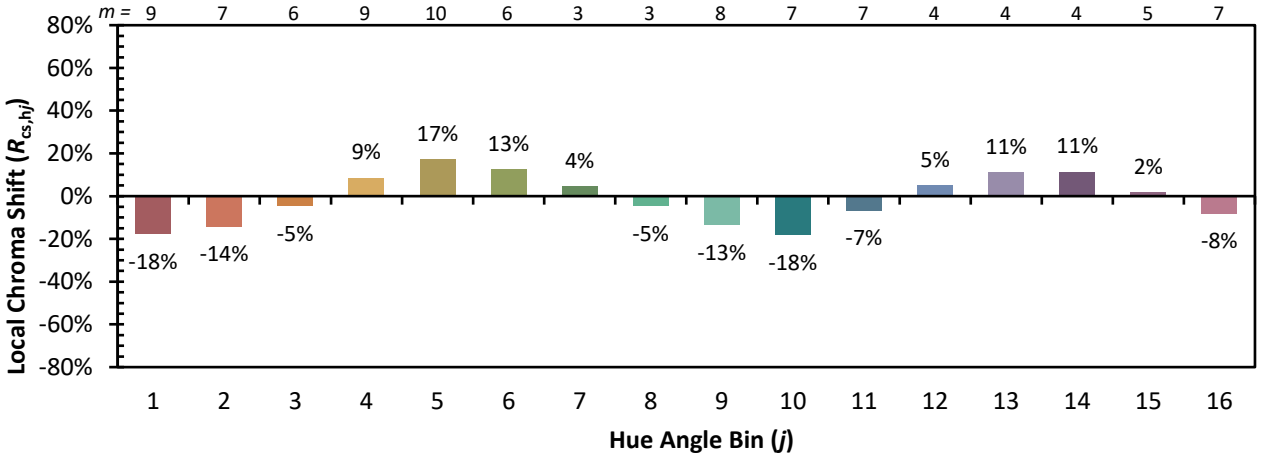
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

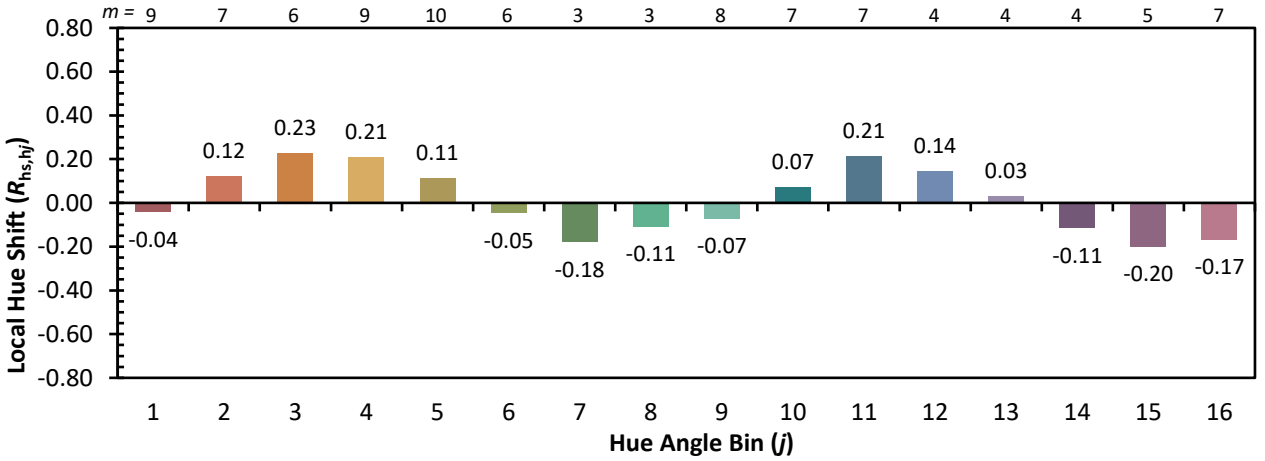


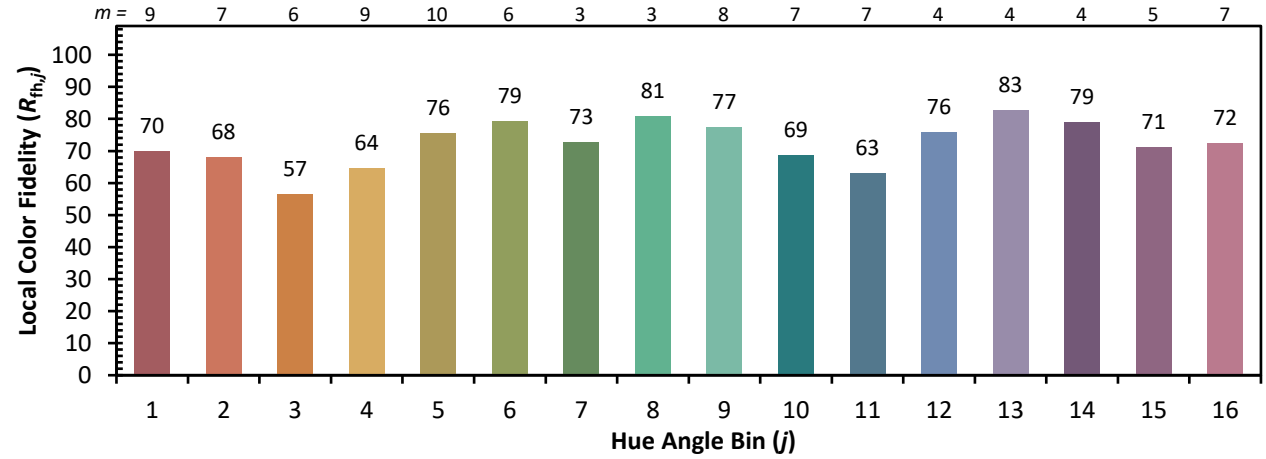
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Color Rendition by Hue-Angle Bin



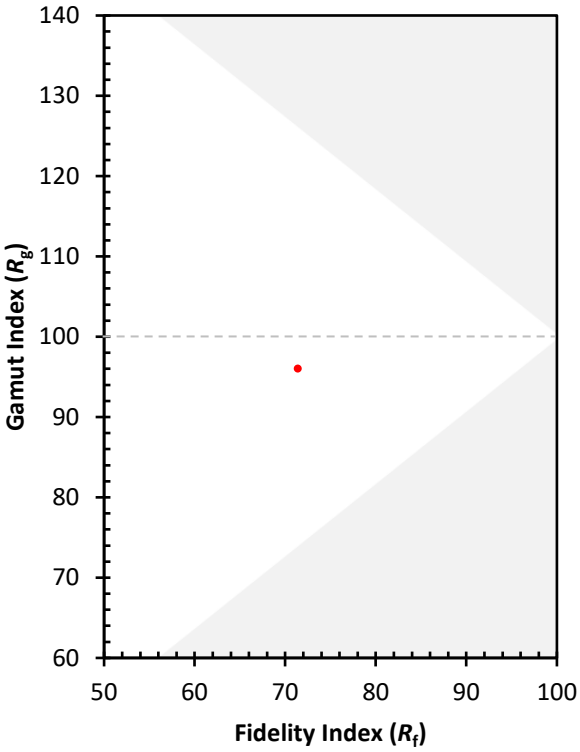


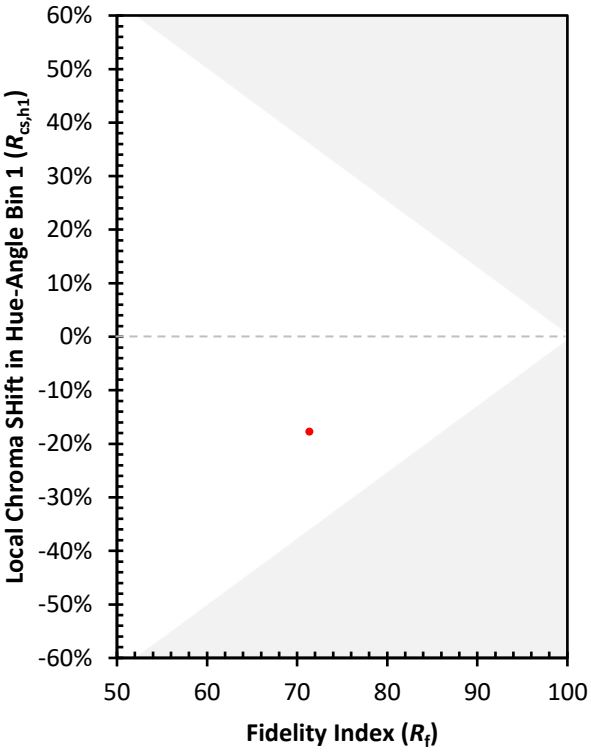


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Measure Comparisons





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