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: P1501169

Luminaire Tested: GSS-SB4A-835-U-T3LG

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:	P1501169
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16501.9 lumens
Efficiency:	N/A
Efficacy:	144.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

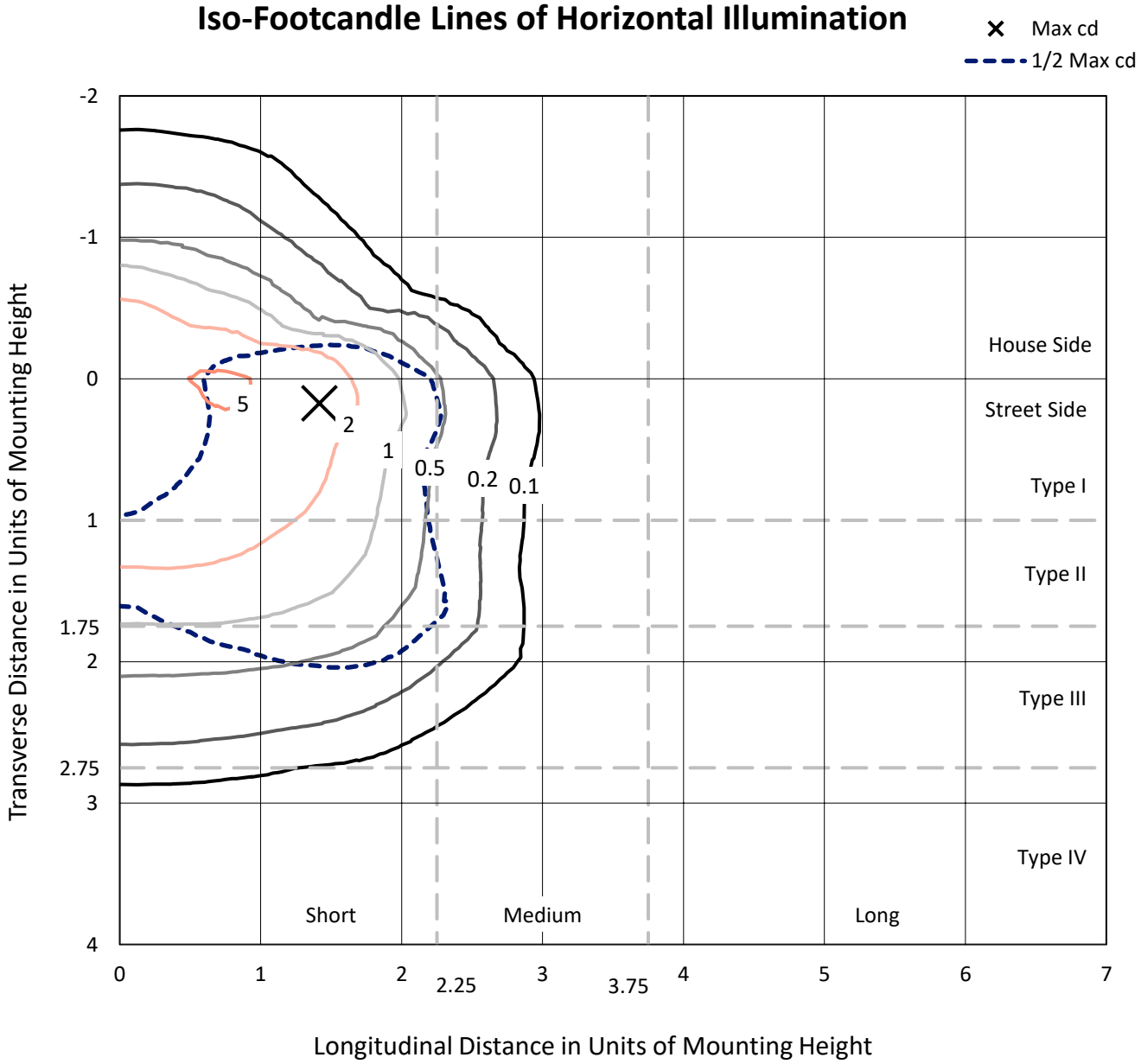
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501169
CATALOG NUMBER: GSS-SB4A-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



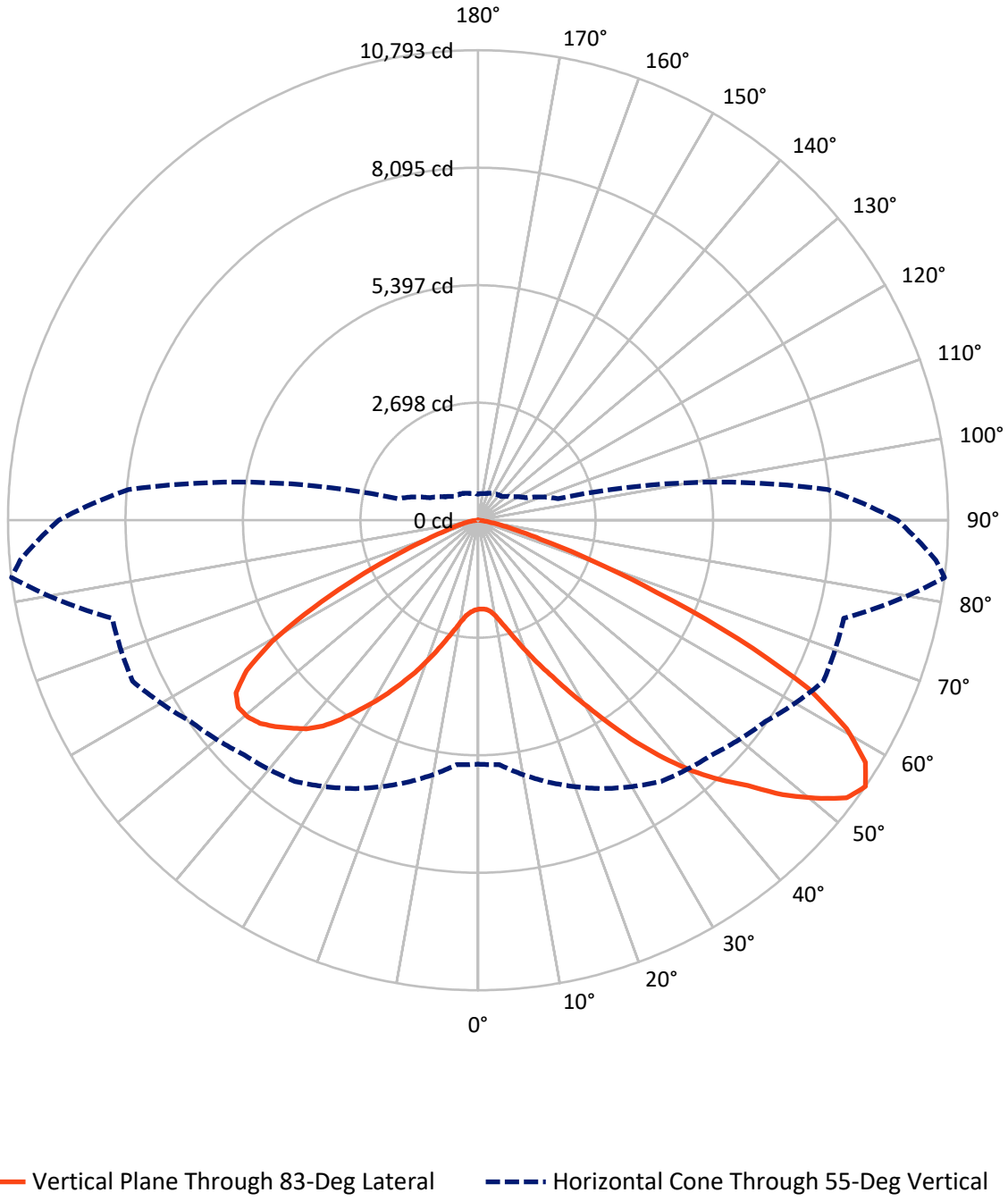
Based on 25 foot mounting height. Maximum calculated value = 5.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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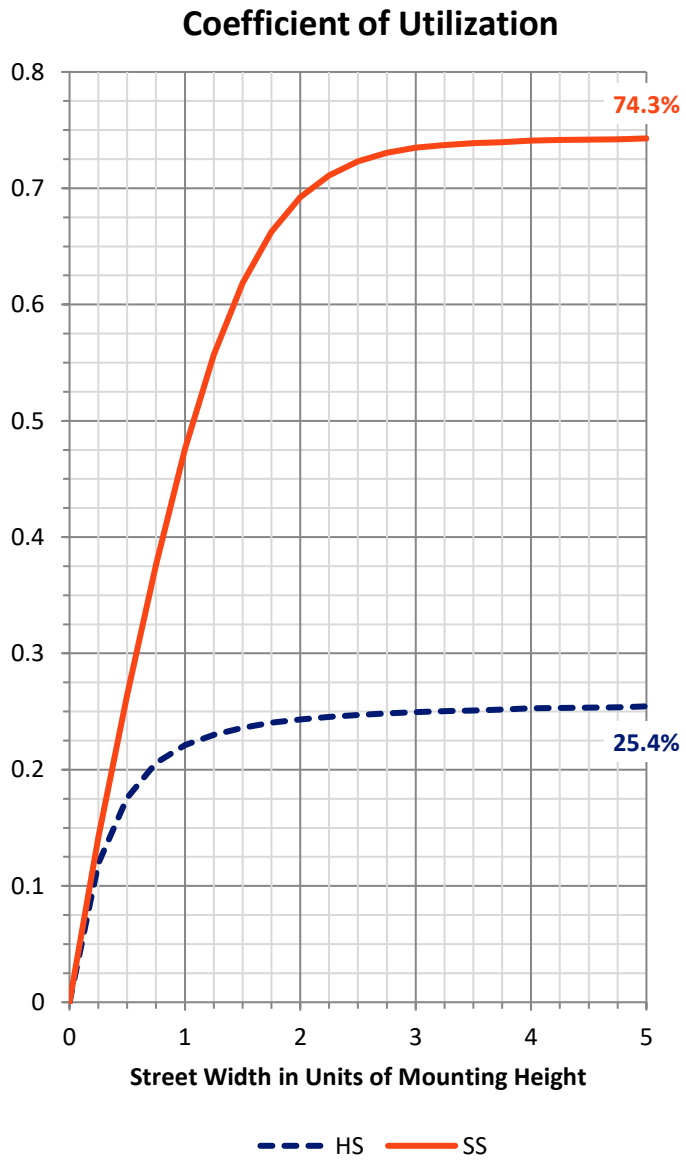
REPORT NUMBER: P1501169
CATALOG NUMBER: GSS-SB4A-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4234.7	0.0	4234.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	12267.2	0.0	12267.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	16501.9	0.0	16501.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.4	1.2
10°-20°	643.0	3.9
20°-30°	1287.3	7.8
30°-40°	2290.2	13.9
40°-50°	3451.3	20.9
50°-60°	4205.6	25.5
60°-70°	3400.8	20.6
70°-80°	931.5	5.6
80°-90°	94.9	0.6
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°	16501.9	100.0
0°-180°	16501.9	100.0



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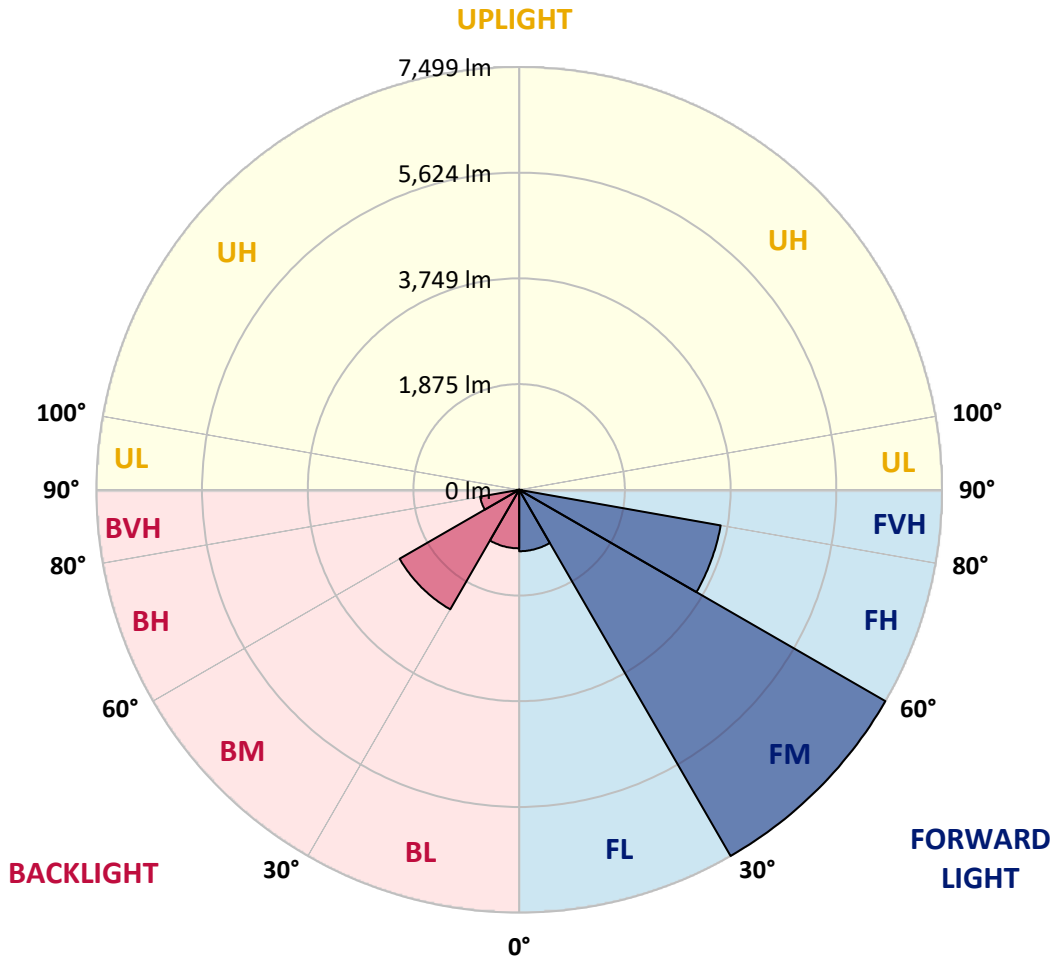
Scaled Data Report

REPORT NUMBER: P1501169
CATALOG NUMBER: GSS-SB4A-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1089.6	6.6			
FM	(30°-60°)	7499.0	45.4			
FH	(60°-80°)	3629.2	22.0			G2/5000
FVH	(80°-90°)	49.4	0.3			G1/100
BL	(0°-30°)	1038.0	6.3	B3/2500		
BM	(30°-60°)	2448.1	14.8	B2/2500		
BH	(60°-80°)	703.1	4.3	B2/1000		G2/1000
BVH	(80°-90°)	45.5	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	*2042.8*	2042.8
2.5°	1984.1	1980.4	1976.7	1973.1	1980.4	1991.4	2002.4	2009.8	2028.1	*2042.8*	2035.4
5°	1826.4	1819.0	1826.4	1855.7	1881.4	1925.4	1969.4	1998.8	2039.1	*2057.4*	2064.8
7.5°	1687.0	1679.7	1687.0	1723.7	1767.7	1837.4	1929.1	2002.4	2075.8	*2119.8*	2127.1
10°	1687.0	1690.7	1690.7	1705.4	1727.4	1797.0	1907.1	2046.4	2174.8	*2237.1*	2251.8
12.5°	1742.0	1742.0	1742.0	1760.4	1775.0	1830.1	1954.7	2127.1	2332.5	*2424.2*	2435.2
15°	1815.4	1811.7	1822.7	1833.7	1859.4	1914.4	2039.1	2244.5	2504.9	*2644.2*	2658.9
17.5°	1918.1	1910.7	1921.7	1947.4	1984.1	2046.4	2171.1	2405.8	2743.2	*2919.3*	2941.3
20°	2031.8	2028.1	2050.1	2090.4	2141.8	2218.8	2361.8	2600.2	3014.6	*3238.3*	3278.7
22.5°	2167.5	2160.1	2200.5	2273.8	2343.5	2431.5	2603.9	2853.3	3326.4	*3594.1*	3634.4
25°	2321.5	2321.5	2376.5	2464.5	2570.9	2728.6	2900.9	3176.0	3693.1	*3979.2*	4041.5
27.5°	2574.5	2592.9	2614.9	2706.6	2856.9	3069.6	3253.0	3564.8	4092.9	*4452.3*	4474.3
30°	2985.3	2978.0	3014.6	3077.0	3201.7	3425.4	3700.4	4034.2	4599.0	*4976.7*	5031.7
32.5°	3355.7	3366.7	3418.1	3535.4	3685.8	3876.5	4206.6	4617.3	5149.1	*5585.5*	5611.2
35°	3729.8	3737.1	3836.1	4012.2	4235.9	4448.6	4808.0	5211.4	5746.9	*6264.0*	6333.7
37.5°	4254.2	4246.9	4345.9	4496.3	4797.0	5127.1	5416.8	5801.9	6319.0	*6924.1*	7004.8
40°	4646.6	4687.0	4874.0	5064.7	5347.1	5688.2	5933.9	6297.0	6788.4	*7569.6*	7642.9
42.5°	5050.1	5083.1	5332.5	5618.5	5915.6	6146.6	6337.3	6674.7	7162.5	*8141.7*	8182.1
45°	5383.8	5427.8	5713.9	6076.9	6385.0	6619.7	6685.7	7001.1	7543.9	*8691.8*	8754.2
47.5°	5596.5	5644.2	5981.6	6407.0	6722.4	6971.8	6949.8	7393.6	7951.0	*9421.6*	9399.6
50°	5743.2	5772.5	6139.3	6594.1	7004.8	7169.8	7265.2	7837.3	8369.1	*10034.1*	9953.4
52.5°	5849.6	5897.2	6231.0	6729.7	7162.5	7378.9	7635.6	8350.8	8658.8	*10595.2*	10415.5
55°	*5600.2*	*5636.9*	*6223.6*	*6799.4*	*7323.9*	*7609.9*	*8057.4*	*8750.5*	*8695.5*	*10793.3*	*10551.2*
57.5°	5343.5	5372.8	5915.6	6781.1	7499.9	7896.0	8537.8	8801.9	8369.1	*10488.9*	10184.5
60°	5020.7	5042.7	5585.5	6586.7	7503.6	8119.7	8783.5	8427.8	7764.0	*9722.4*	9432.7
62.5°	4426.6	4426.6	5024.4	6062.3	7320.2	8233.4	8717.5	7720.0	6953.5	*8515.8*	8116.0
65°	3839.8	3814.1	4217.6	5127.1	6832.4	8204.1	8222.4	6825.1	5695.5	*6568.4*	6256.7
67.5°	3201.7	3205.3	3443.7	4162.5	5534.2	7591.6	7177.2	5273.8	3968.2	*4422.9*	4261.6
70°	2167.5	2222.5	2464.5	3022.0	4173.5	5380.1	5713.9	3572.1	2475.5	*2746.9*	2614.9
72.5°	825.2	836.2	1118.6	1584.3	2636.9	3234.7	3986.5	1998.8	1448.6	*1514.7*	1522.0
75°	348.4	363.1	476.8	667.5	1169.9	1764.0	2097.8	1012.2	880.2	*905.9*	898.5
77.5°	234.7	242.1	289.7	359.4	528.1	707.8	876.5	572.1	539.1	*506.1*	491.4
80°	176.0	176.0	209.0	242.1	297.1	363.1	381.4	289.7	322.7	*267.7*	260.4
82.5°	113.7	121.0	132.0	143.0	168.7	179.7	154.0	157.7	187.0	*139.4*	132.0
85°	55.0	58.7	62.3	66.0	66.0	62.3	55.0	69.7	95.4	*58.7*	55.0
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	3.7	3.7	3.7	*3.7*	3.7
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: P1501169
CATALOG NUMBER: GSS-SB4A-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8
2.5°	2046.4	2061.1	2072.1	2079.4	2097.8	2094.1	2105.1	2112.4	2119.8	2130.8	2116.1
5°	2083.1	2108.8	2138.1	2160.1	2182.1	2193.1	2196.8	2204.1	2207.8	2215.1	2211.5
7.5°	2163.8	2193.1	2237.1	2259.1	2277.5	2277.5	2266.5	2262.8	2251.8	2259.1	2259.1
10°	2299.5	2343.5	2391.2	2394.8	2372.8	2347.2	2306.8	2284.8	2255.5	2248.1	2240.8
12.5°	2497.5	2556.2	2592.9	2567.2	2490.2	2394.8	2288.5	2189.5	2112.4	2079.4	2072.1
15°	2721.2	2794.6	2801.9	2728.6	2589.2	2358.2	2134.4	2024.4	1984.1	1984.1	1980.4
17.5°	3029.3	3080.6	3051.3	2875.3	2563.5	2185.8	2024.4	2006.1	2017.1	2031.8	2031.8
20°	3352.0	3410.7	3289.7	2978.0	2405.8	2083.1	2035.4	2050.1	2075.8	2090.4	2086.8
22.5°	3737.1	3766.5	3531.7	2981.6	2237.1	2057.4	2057.4	2075.8	2094.1	2116.1	2116.1
25°	4133.2	4122.2	3755.5	2845.9	2141.8	2050.1	2042.8	2057.4	2064.8	2075.8	2072.1
27.5°	4577.0	4518.3	3927.8	2629.6	2112.4	2028.1	1991.4	1976.7	1984.1	1995.1	1998.8
30°	5086.7	4947.4	4067.2	2493.9	2101.4	1976.7	1888.7	1848.4	1841.1	1855.7	1855.7
32.5°	5677.2	5376.5	4151.5	2475.5	2090.4	1885.1	1767.7	1690.7	1676.0	1683.4	1701.7
35°	6282.3	5893.6	4129.5	2523.2	2094.1	1811.7	1639.3	1536.7	1522.0	1529.3	1547.7
37.5°	6916.8	6385.0	4045.2	2596.5	2064.8	1712.7	1522.0	1397.3	1375.3	1390.0	1397.3
40°	7408.2	6799.4	3836.1	2625.9	2013.4	1588.0	1386.3	1279.9	1221.3	1217.6	1235.9
42.5°	7863.0	7125.8	3608.8	2578.2	1907.1	1456.0	1246.9	1140.6	1048.9	979.2	979.2
45°	8317.8	7455.9	3377.7	2442.5	1731.0	1316.6	1100.2	957.2	850.8	799.5	803.2
47.5°	8772.5	7775.0	3102.7	2237.1	1555.0	1169.9	942.5	828.8	755.5	715.2	715.2
50°	9194.3	8006.0	2750.6	1910.7	1353.3	1023.2	832.5	766.5	711.5	674.8	667.5
52.5°	9564.7	8160.1	2273.8	1514.7	1133.2	858.2	773.8	722.5	682.1	641.8	630.8
55°	*9630.7*	*8057.4*	*1903.4*	*1217.6*	*935.2*	*770.2*	*729.8*	*685.8*	*630.8*	*612.5*	*601.5*
57.5°	9223.6	7514.6	1606.3	1026.9	799.5	707.8	693.1	641.8	597.8	579.5	568.5
60°	8530.5	6528.0	1327.6	880.2	711.5	649.1	667.5	616.1	546.4	535.4	524.4
62.5°	7283.5	5094.1	1059.9	740.8	645.5	605.1	623.5	550.1	491.4	476.8	473.1
65°	5662.5	3645.4	891.2	652.8	594.1	561.1	553.8	487.8	443.8	432.8	432.8
67.5°	3953.5	2317.8	744.5	597.8	528.1	506.1	502.4	458.4	429.1	418.1	418.1
70°	2420.5	1404.6	627.1	546.4	465.8	425.4	451.1	443.8	399.8	388.7	385.1
72.5°	1257.9	839.8	550.1	502.4	392.4	363.1	403.4	407.1	370.4	385.1	381.4
75°	729.8	583.1	480.4	443.8	311.7	304.4	352.1	388.7	359.4	370.4	363.1
77.5°	418.1	374.1	370.4	363.1	245.7	249.4	315.4	348.4	308.1	319.1	293.4
80°	231.0	242.1	256.7	227.4	172.4	194.4	253.1	278.7	234.7	231.0	212.7
82.5°	121.0	150.4	172.4	146.7	99.0	117.4	172.4	172.4	150.4	143.0	139.4
85°	55.0	62.3	80.7	73.3	36.7	44.0	80.7	88.0	77.0	69.7	66.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	7.3	11.0	3.7	3.7	3.7
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

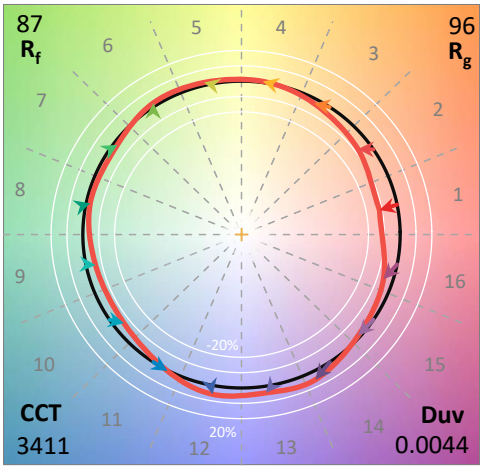
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

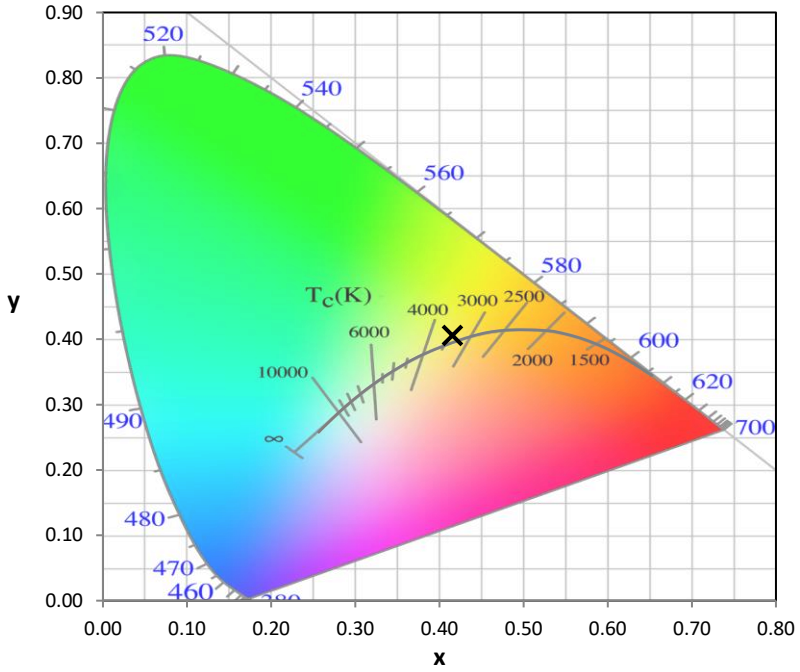
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

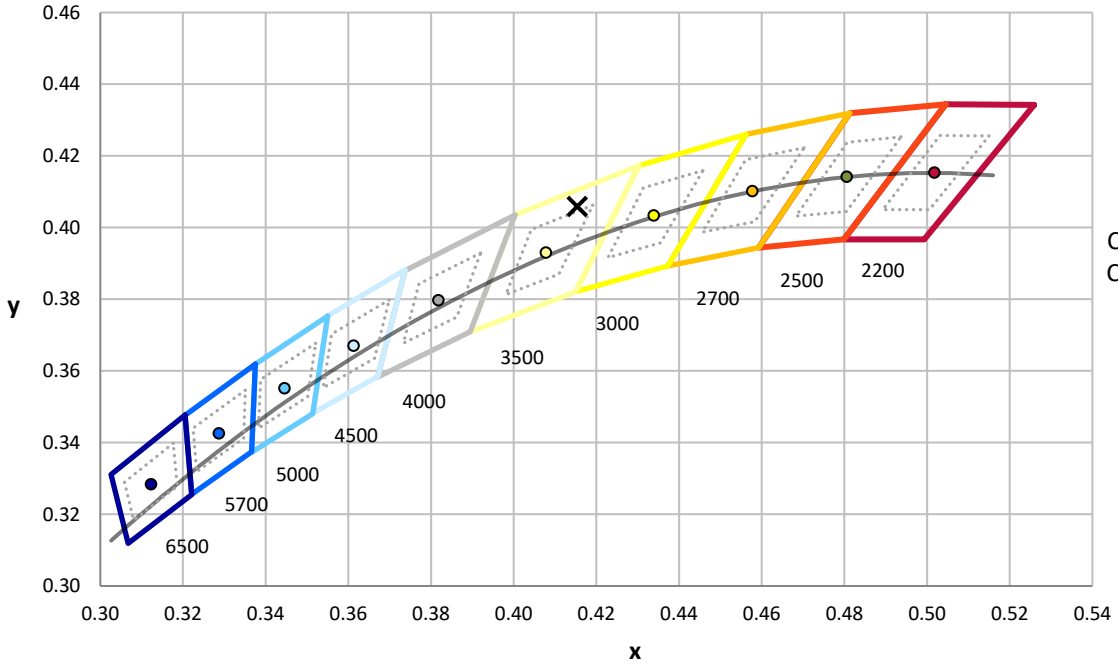
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

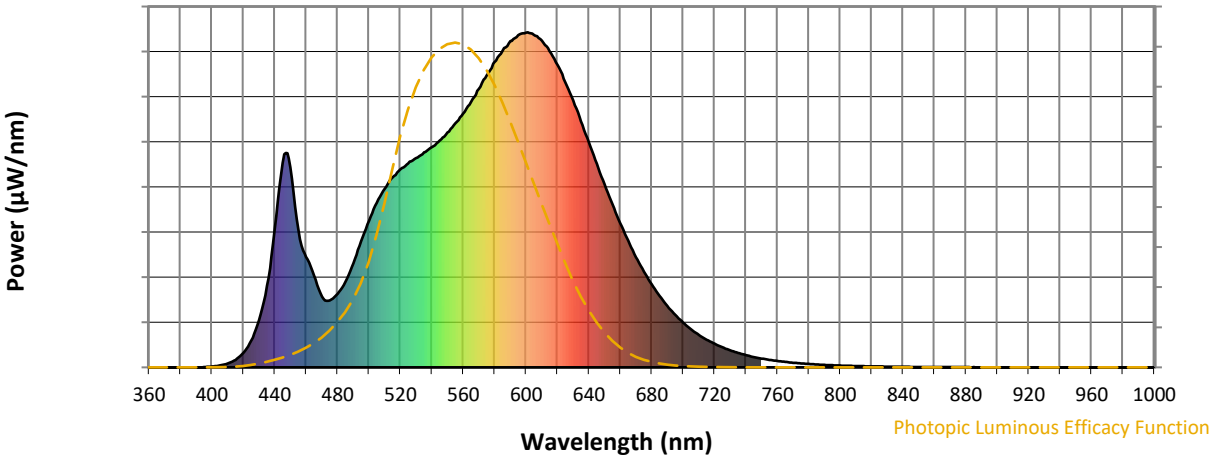


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

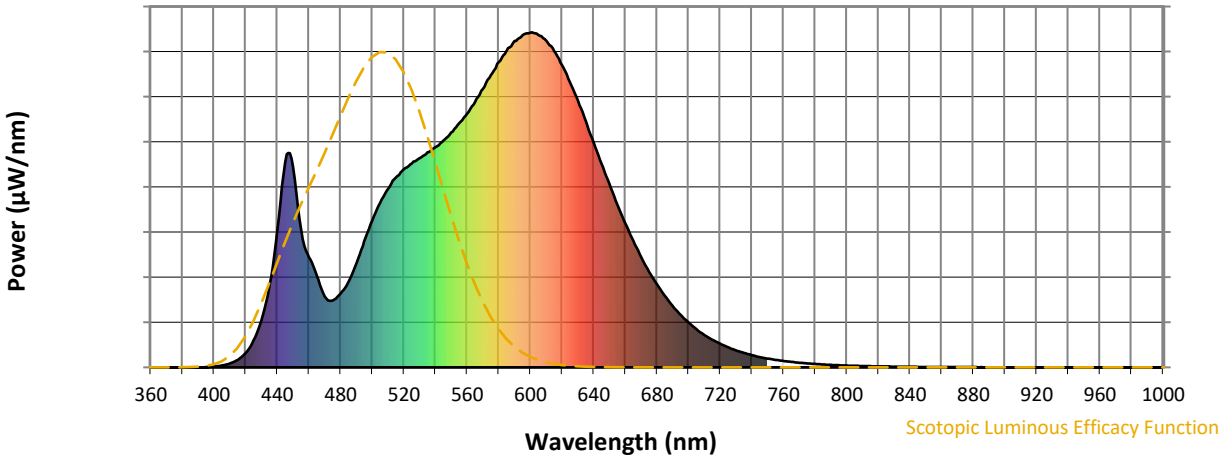


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

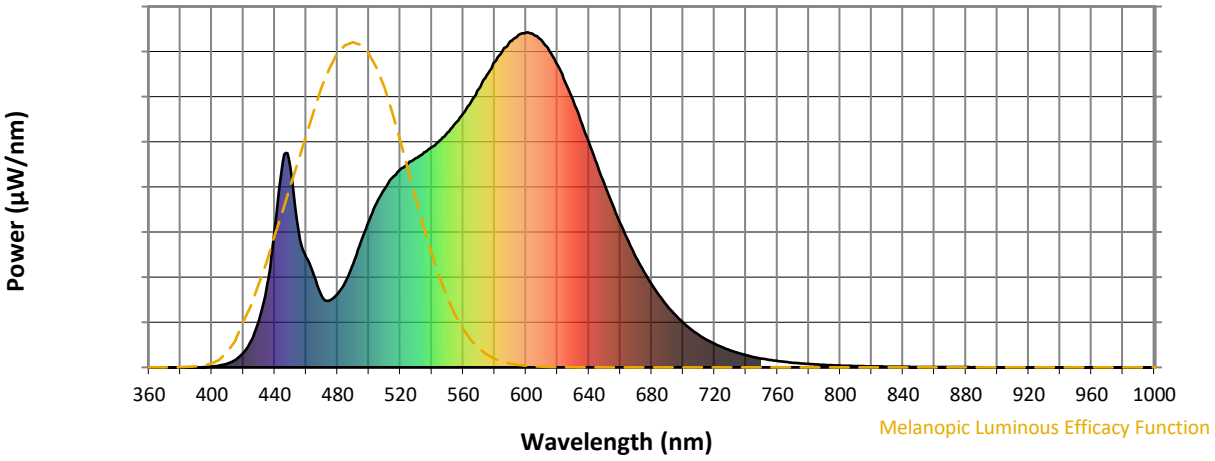


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

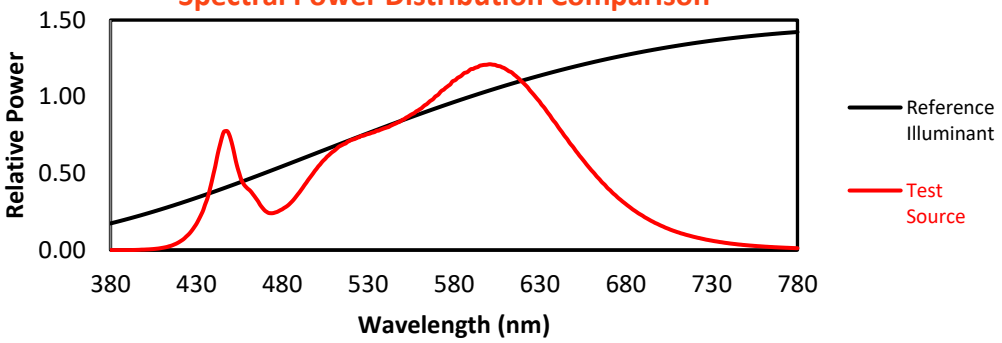
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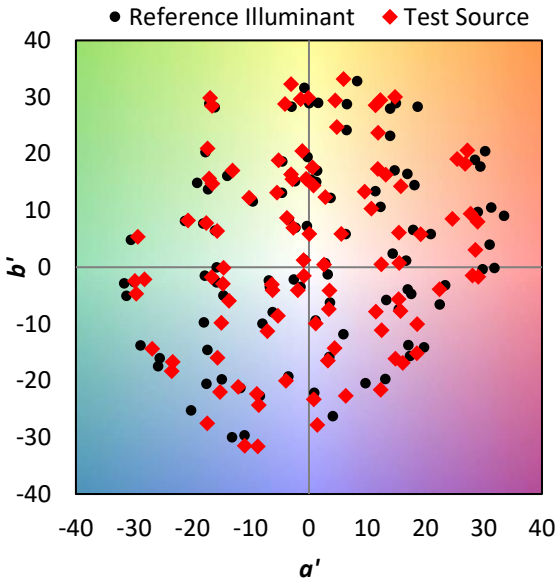
Summary

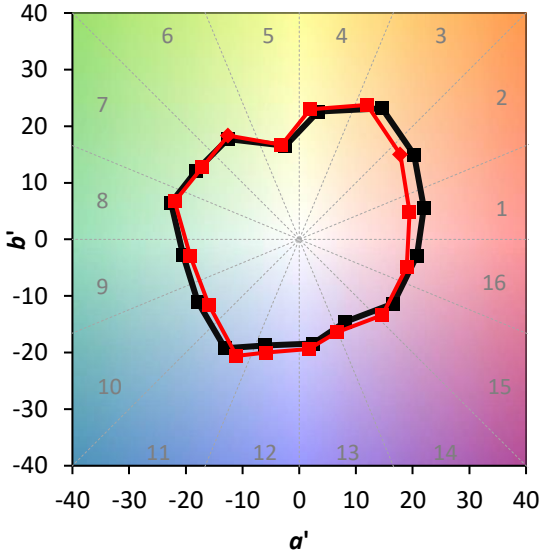
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

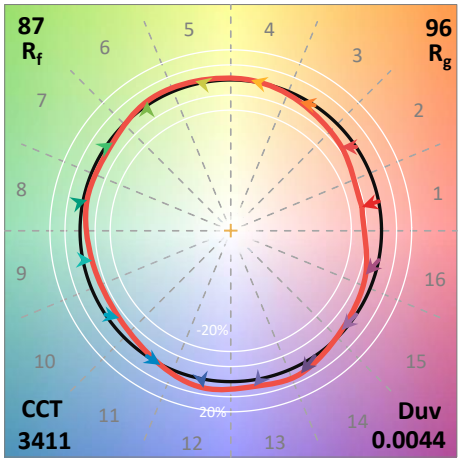
Spectral Power Distribution Comparison

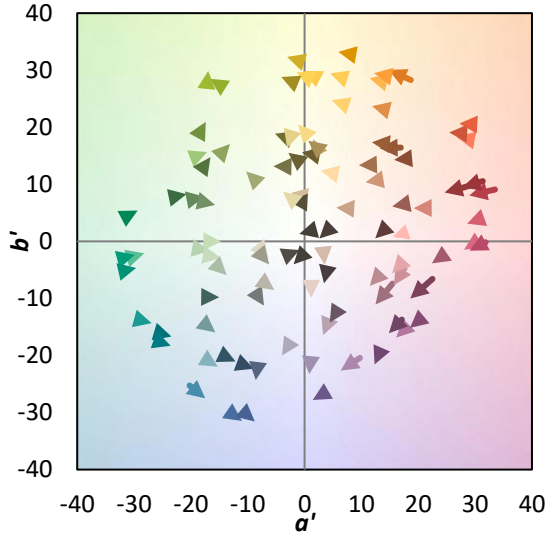


Color Vector Graphics







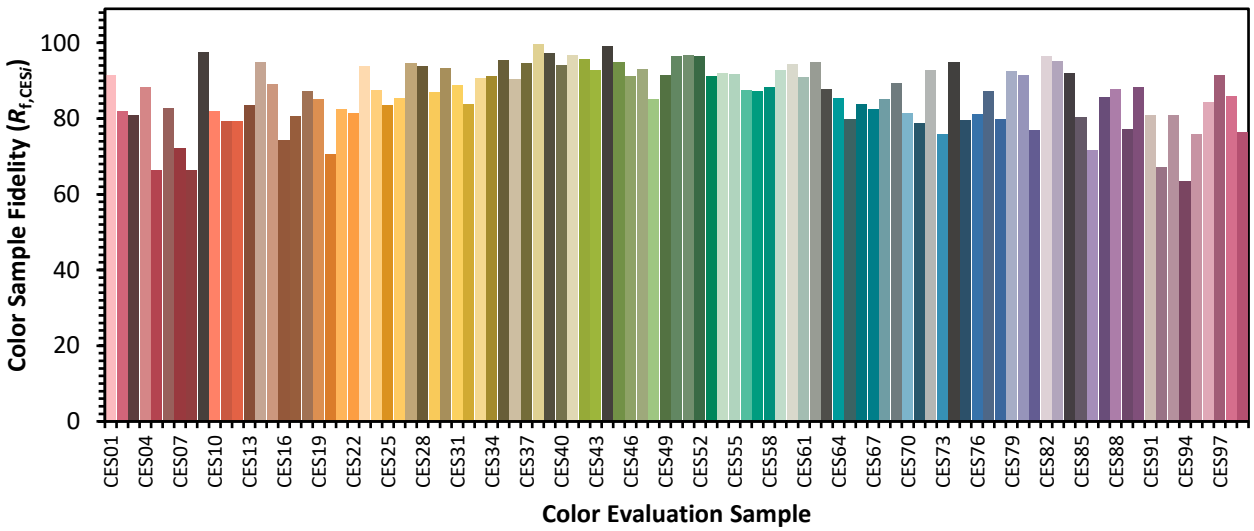


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Individual Sample Fidelity Index ($R_{f,i}$)

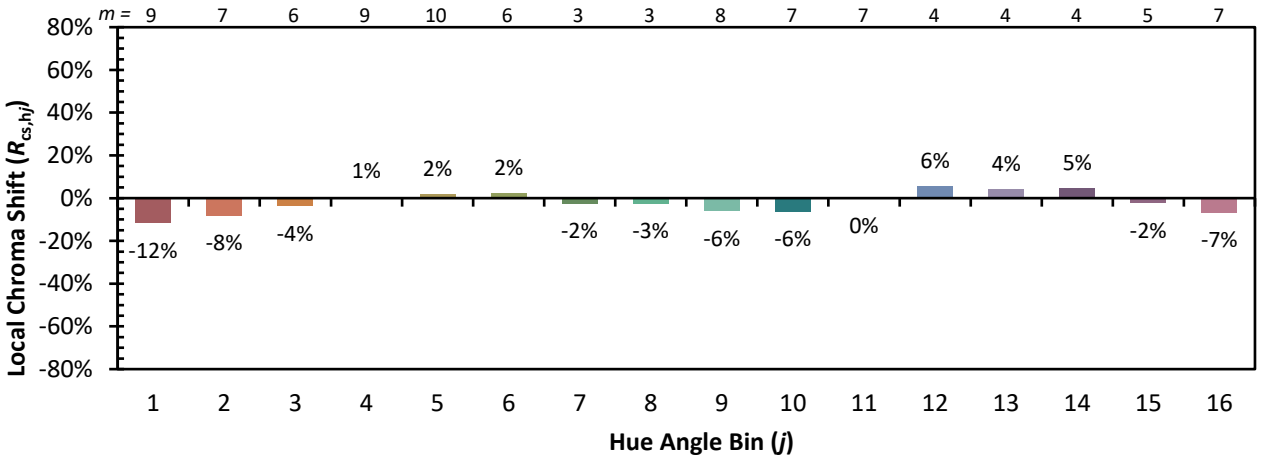
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

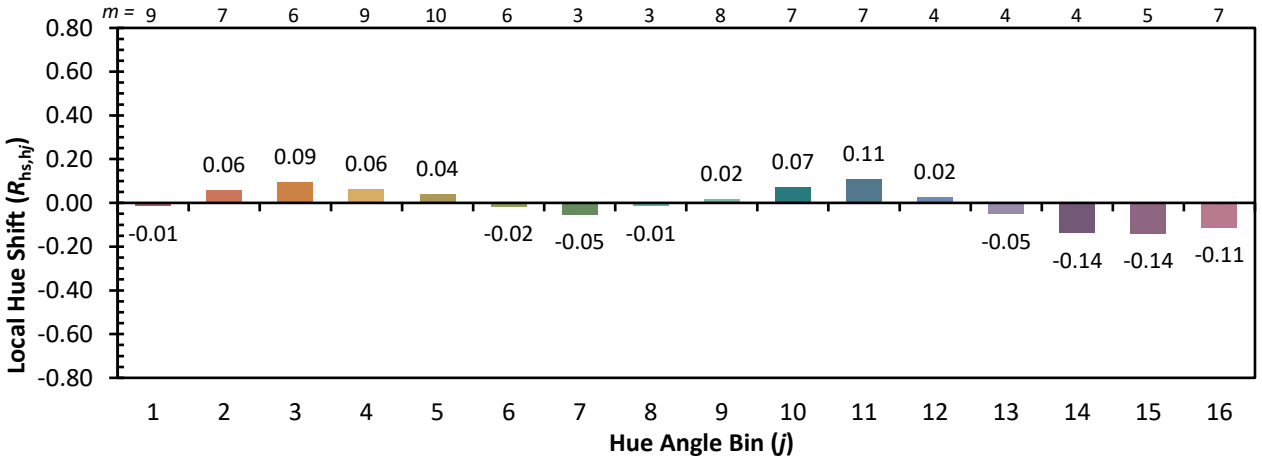


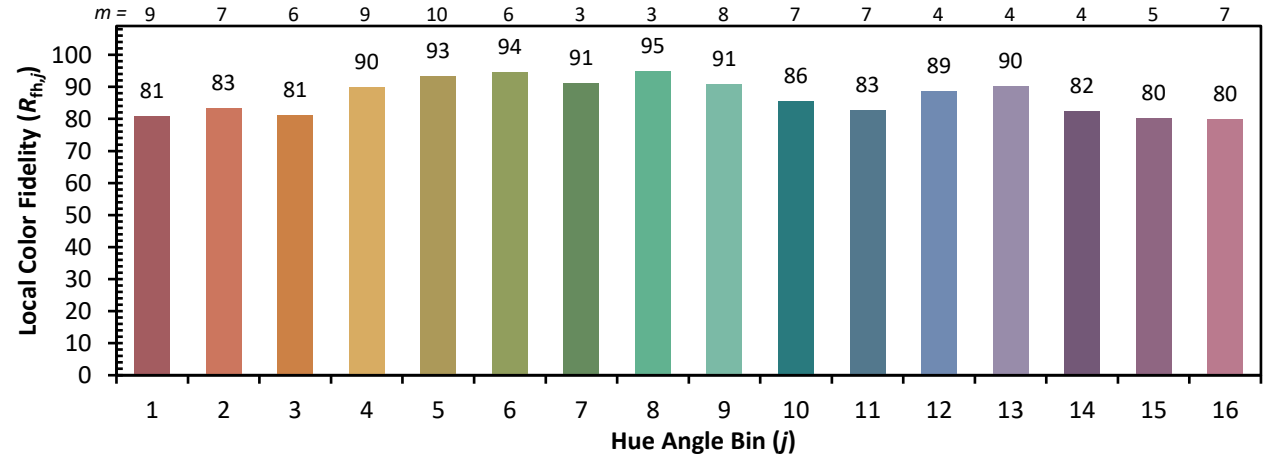
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Color Rendition by Hue-Angle Bin



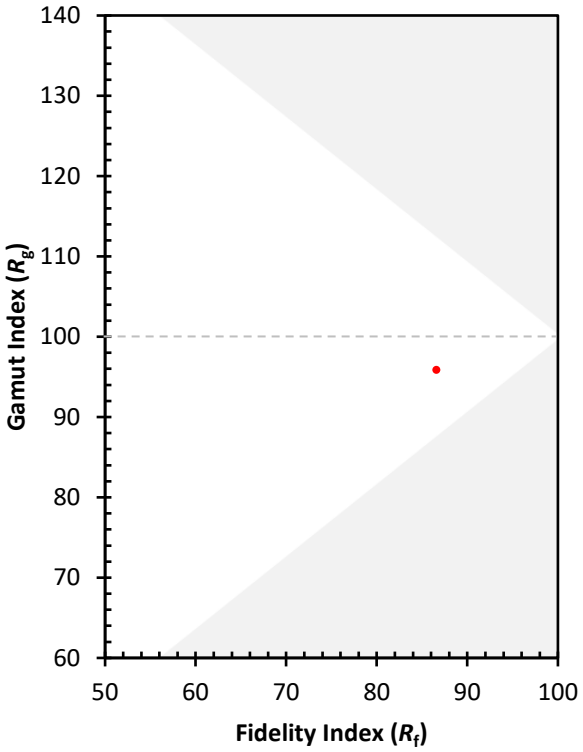


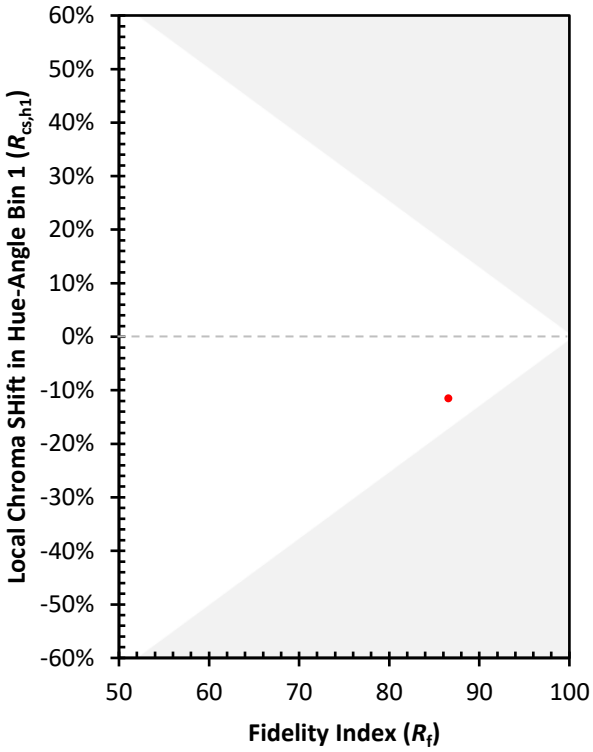


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Measure Comparisons





(END OF REPORT)