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: P1501173

Luminaire Tested: GSS-SB5A-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:	P1501173
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20616.1 lumens
Efficiency:	N/A
Efficacy:	144.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

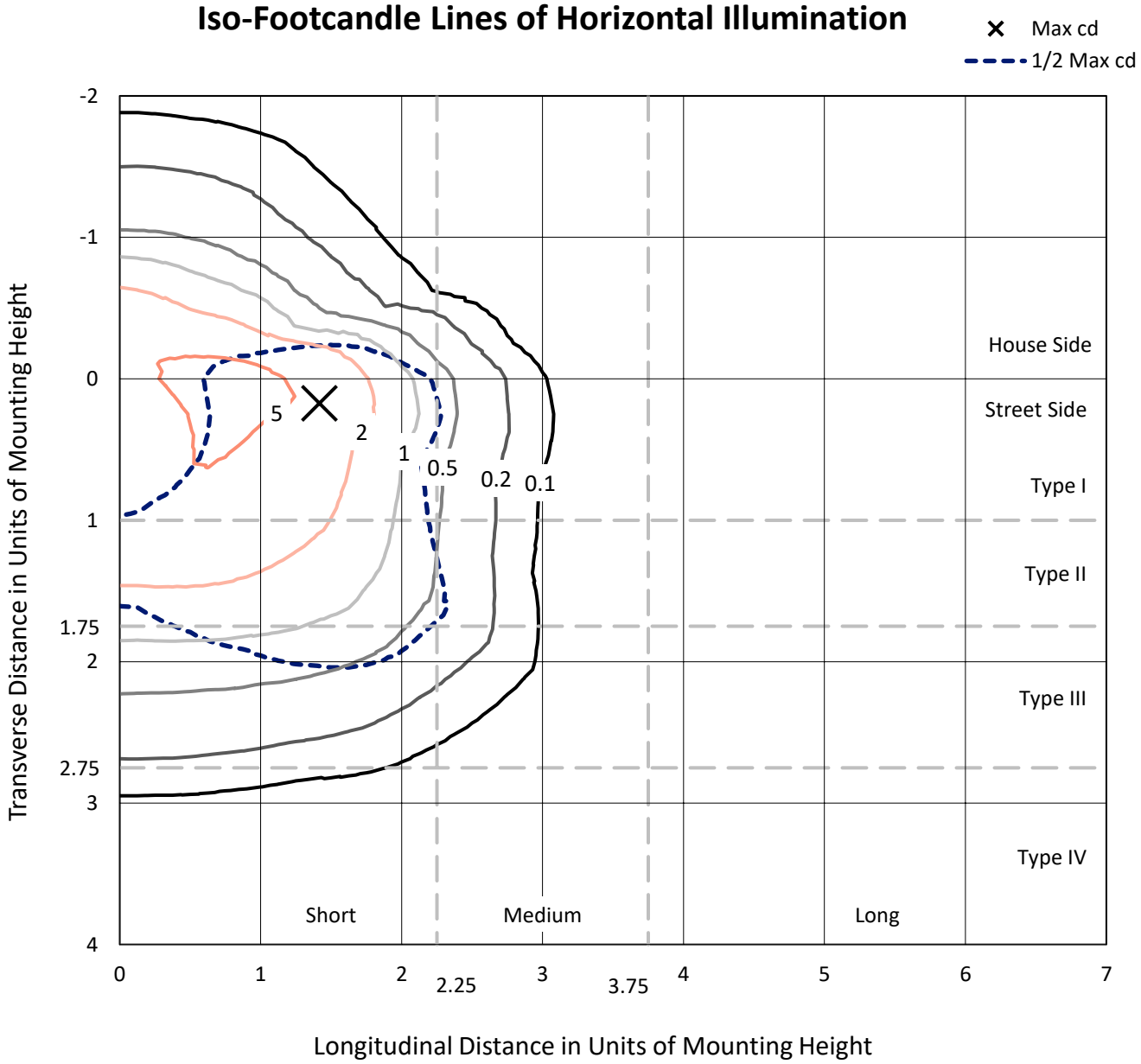
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501173
CATALOG NUMBER: GSS-SB5A-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



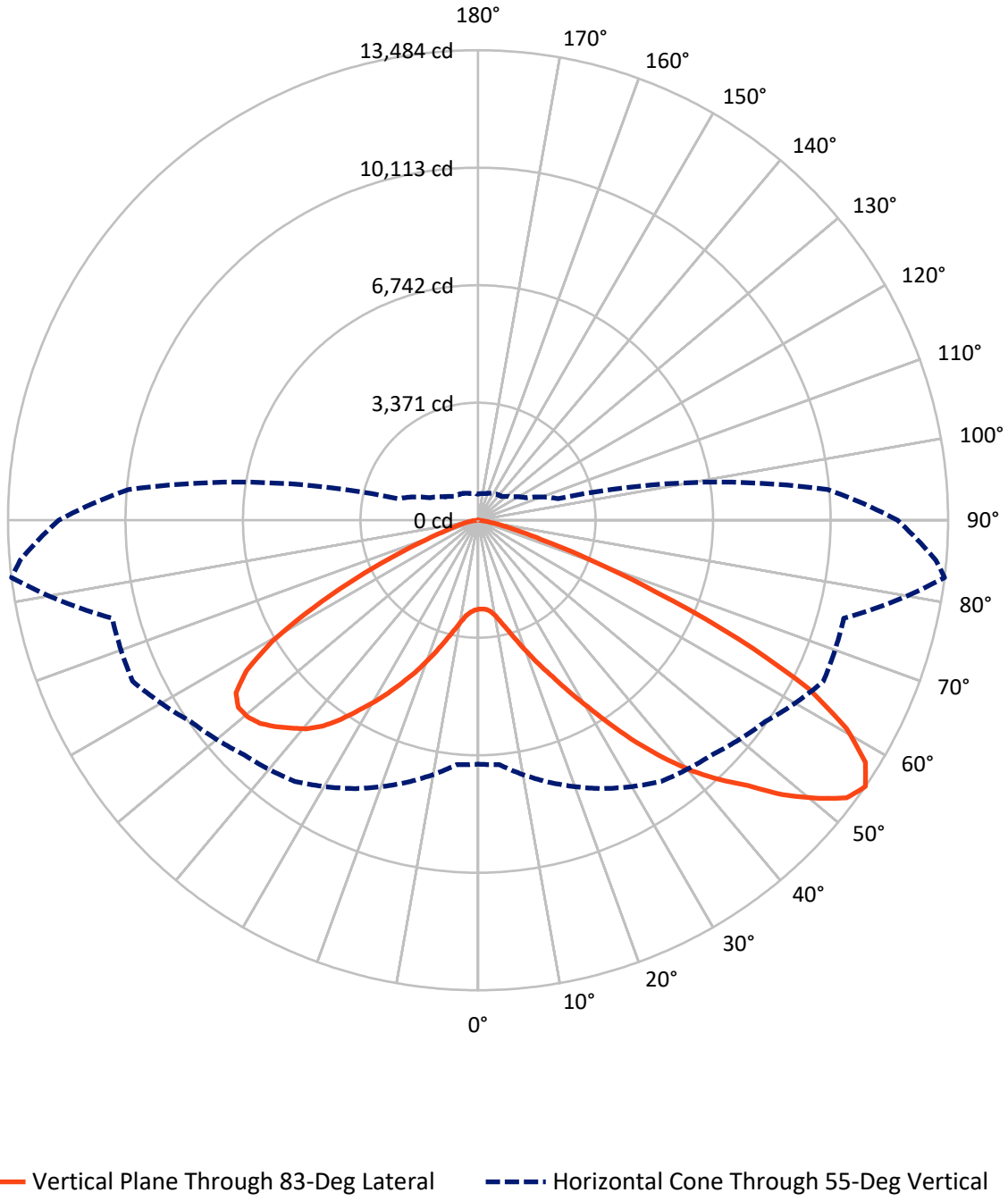
Based on 25 foot mounting height. Maximum calculated value = 6.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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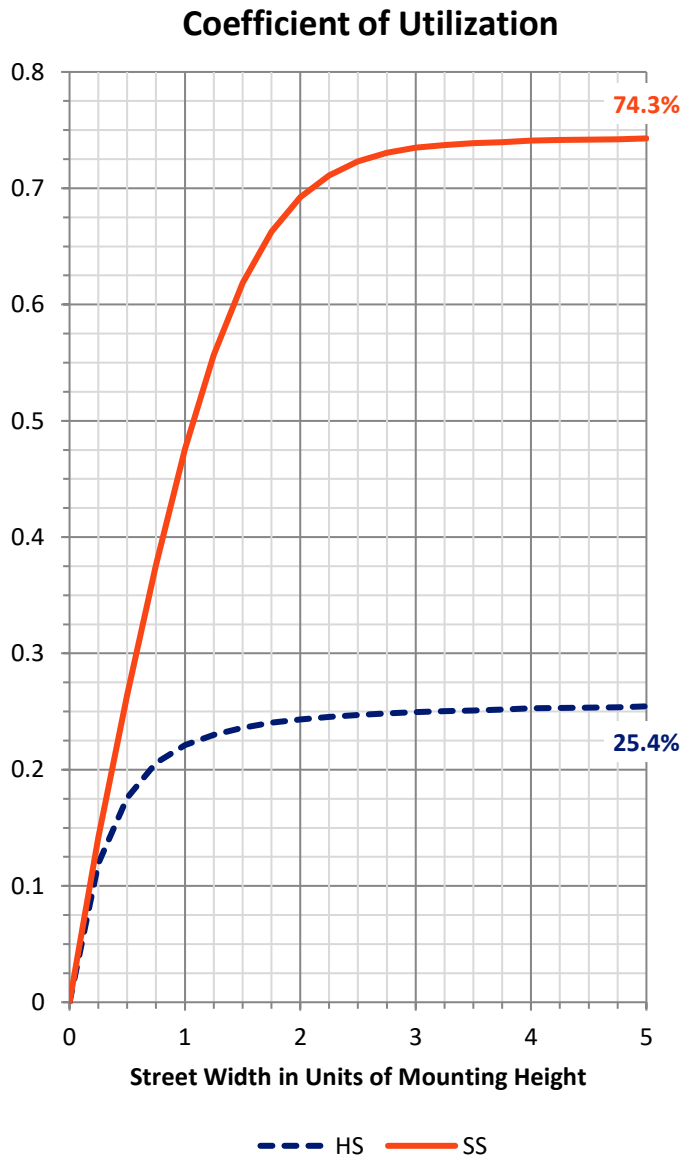
REPORT NUMBER: P1501173
CATALOG NUMBER: GSS-SB5A-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5290.5	0.0	5290.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	15325.6	0.0	15325.6
	% Fixture	74.3	0.0	74.3
Total	Lumens	20616.1	0.0	20616.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.6	1.2
10°-20°	803.3	3.9
20°-30°	1608.2	7.8
30°-40°	2861.2	13.9
40°-50°	4311.7	20.9
50°-60°	5254.1	25.5
60°-70°	4248.7	20.6
70°-80°	1163.7	5.6
80°-90°	118.5	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°	20616.1	100.0
0°-180°	20616.1	100.0



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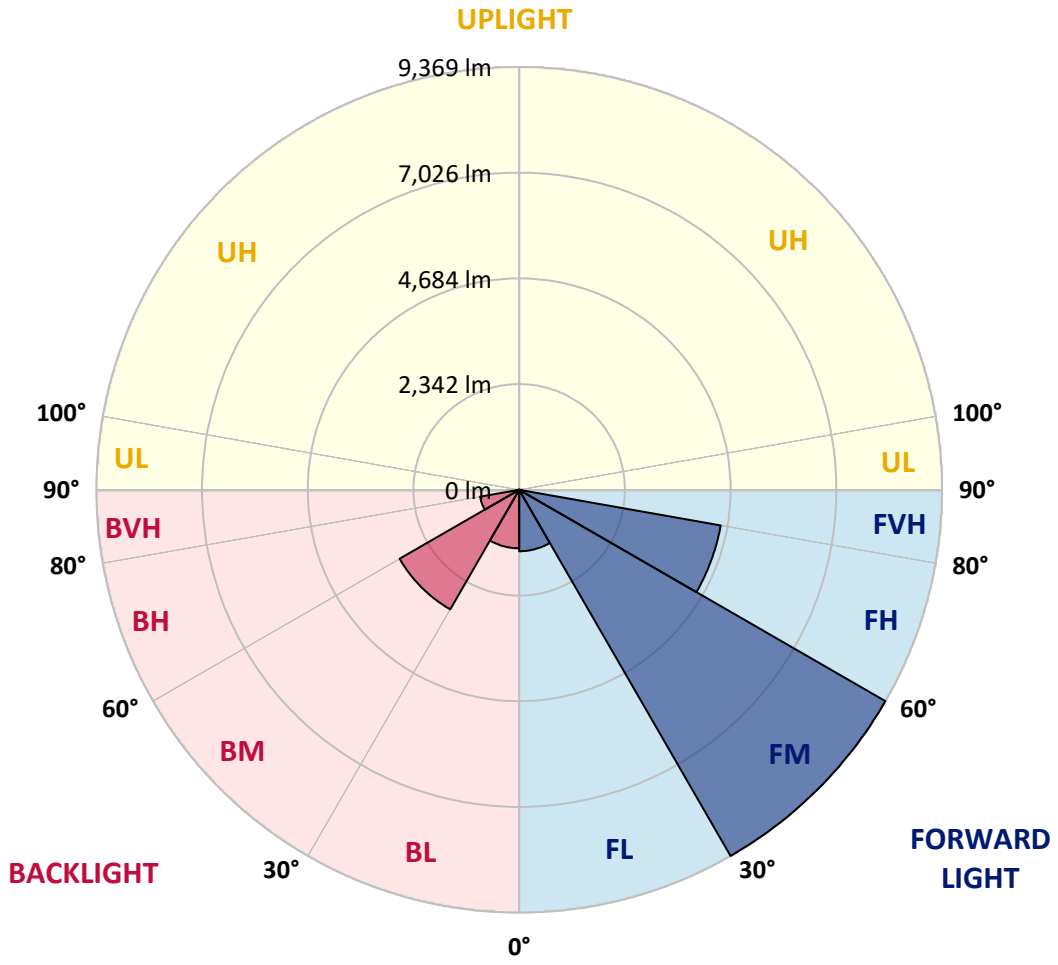
Scaled Data Report

REPORT NUMBER: P1501173
CATALOG NUMBER: GSS-SB5A-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1361.2	6.6			
FM	(30°-60°)	9368.6	45.4			
FH	(60°-80°)	4534.0	22.0			G2/5000
FVH	(80°-90°)	61.7	0.3			G1/100
BL	(0°-30°)	1296.8	6.3	B3/2500		
BM	(30°-60°)	3058.5	14.8	B3/5000		
BH	(60°-80°)	878.4	4.3	B2/1000		G2/1000
BVH	(80°-90°)	56.8	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°	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	*2552.1*	2552.1
2.5°	2478.7	2474.2	2469.6	2465.0	2474.2	2487.9	2501.7	2510.8	2533.7	*2552.1*	2542.9
5°	2281.7	2272.6	2281.7	2318.4	2350.5	2405.4	2460.4	2497.1	2547.5	*2570.4*	2579.5
7.5°	2107.6	2098.5	2107.6	2153.4	2208.4	2295.5	2410.0	2501.7	2593.3	*2648.3*	2657.4
10°	2107.6	2112.2	2112.2	2130.5	2158.0	2245.1	2382.5	2556.6	2717.0	*2794.9*	2813.2
12.5°	2176.3	2176.3	2176.3	2199.3	2217.6	2286.3	2442.1	2657.4	2914.0	*3028.6*	3042.3
15°	2268.0	2263.4	2277.1	2290.9	2323.0	2391.7	2547.5	2804.1	3129.4	*3303.5*	3321.8
17.5°	2396.3	2387.1	2400.9	2432.9	2478.7	2556.6	2712.4	3005.7	3427.2	*3647.1*	3674.6
20°	2538.3	2533.7	2561.2	2611.6	2675.8	2772.0	2950.7	3248.5	3766.2	*4045.7*	4096.1
22.5°	2707.8	2698.7	2749.1	2840.7	2927.8	3037.7	3253.1	3564.6	4155.7	*4490.2*	4540.6
25°	2900.3	2900.3	2969.0	3079.0	3211.8	3408.9	3624.2	3967.8	4613.9	*4971.2*	5049.1
27.5°	3216.4	3239.3	3266.8	3381.4	3569.2	3835.0	4064.0	4453.5	5113.3	*5562.3*	5589.8
30°	3729.6	3720.4	3766.2	3844.1	3999.9	4279.4	4623.0	5040.0	5745.6	*6217.5*	6286.2
32.5°	4192.3	4206.1	4270.2	4416.8	4604.7	4843.0	5255.3	5768.5	6432.8	*6978.1*	7010.1
35°	4659.7	4668.8	4792.6	5012.5	5292.0	5557.7	6006.7	6510.7	7179.7	*7825.7*	7912.7
37.5°	5314.9	5305.7	5429.4	5617.3	5993.0	6405.3	6767.3	7248.4	7894.4	*8650.4*	8751.2
40°	5805.1	5855.5	6089.2	6327.5	6680.2	7106.4	7413.3	7866.9	8480.9	*9456.8*	9548.4
42.5°	6309.1	6350.4	6661.9	7019.3	7390.4	7679.1	7917.3	8338.9	8948.2	*10171.6*	10222.0
45°	6726.1	6781.0	7138.4	7592.0	7976.9	8270.1	8352.6	8746.6	9424.7	*10858.8*	10936.7
47.5°	6991.8	7051.4	7472.9	8004.4	8398.4	8710.0	8682.5	9236.9	9933.3	*11770.6*	11743.1
50°	7175.1	7211.7	7669.9	8238.1	8751.2	8957.4	9076.5	9791.3	10455.6	*12535.8*	12435.0
52.5°	7308.0	7367.5	7784.5	8407.6	8948.2	9218.6	9539.3	10432.7	10817.6	*13236.8*	13012.3
55°	*6996.4*	*7042.2*	*7775.3*	*8494.6*	*9149.8*	*9507.2*	*10066.2*	*10932.1*	*10863.4*	*13484.2*	*13181.8*
57.5°	6675.7	6712.3	7390.4	8471.7	9369.8	9864.6	10666.4	10996.3	10455.6	*13103.9*	12723.6
60°	6272.5	6300.0	6978.1	8228.9	9374.3	10144.1	10973.4	10529.0	9699.6	*12146.3*	11784.4
62.5°	5530.2	5530.2	6277.1	7573.7	9145.3	10286.1	10890.9	9644.7	8687.1	*10638.9*	10139.5
65°	4797.1	4765.1	5269.1	6405.3	8535.9	10249.5	10272.4	8526.7	7115.5	*8206.0*	7816.5
67.5°	3999.9	4004.5	4302.3	5200.3	6913.9	9484.3	8966.6	6588.6	4957.5	*5525.6*	5324.0
70°	2707.8	2776.6	3079.0	3775.4	5214.1	6721.5	7138.4	4462.7	3092.7	*3431.8*	3266.8
72.5°	1030.9	1044.6	1397.4	1979.3	3294.3	4041.1	4980.4	2497.1	1809.8	*1892.3*	1901.4
75°	435.3	453.6	595.6	833.9	1461.6	2203.8	2620.8	1264.6	1099.6	*1131.7*	1122.5
77.5°	293.2	302.4	362.0	449.0	659.8	884.3	1095.0	714.8	673.5	*632.3*	614.0
80°	219.9	219.9	261.2	302.4	371.1	453.6	476.5	362.0	403.2	*334.5*	325.3
82.5°	142.0	151.2	164.9	178.7	210.8	224.5	192.4	197.0	233.7	*174.1*	164.9
85°	68.7	73.3	77.9	82.5	82.5	77.9	68.7	87.1	119.1	*73.3*	68.7
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	4.6	4.6	4.6	*4.6*	4.6
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: P1501173
CATALOG NUMBER: GSS-SB5A-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1	2552.1
2.5°	2556.6	2575.0	2588.7	2597.9	2620.8	2616.2	2629.9	2639.1	2648.3	2662.0	2643.7
5°	2602.5	2634.5	2671.2	2698.7	2726.2	2739.9	2744.5	2753.7	2758.2	2767.4	2762.8
7.5°	2703.3	2739.9	2794.9	2822.4	2845.3	2845.3	2831.5	2827.0	2813.2	2822.4	2822.4
10°	2872.8	2927.8	2987.3	2991.9	2964.4	2932.3	2881.9	2854.5	2817.8	2808.6	2799.5
12.5°	3120.2	3193.5	3239.3	3207.3	3111.0	2991.9	2859.0	2735.3	2639.1	2597.9	2588.7
15°	3399.7	3491.3	3500.5	3408.9	3234.7	2946.1	2666.6	2529.1	2478.7	2478.7	2474.2
17.5°	3784.6	3848.7	3812.0	3592.1	3202.7	2730.7	2529.1	2506.2	2520.0	2538.3	2538.3
20°	4187.8	4261.1	4109.9	3720.4	3005.7	2602.5	2542.9	2561.2	2593.3	2611.6	2607.0
22.5°	4668.8	4705.5	4412.3	3725.0	2794.9	2570.4	2570.4	2593.3	2616.2	2643.7	2643.7
25°	5163.7	5149.9	4691.8	3555.5	2675.8	2561.2	2552.1	2570.4	2579.5	2593.3	2588.7
27.5°	5718.1	5644.8	4907.1	3285.1	2639.1	2533.7	2487.9	2469.6	2478.7	2492.5	2497.1
30°	6354.9	6180.8	5081.2	3115.6	2625.4	2469.6	2359.6	2309.2	2300.1	2318.4	2318.4
32.5°	7092.6	6716.9	5186.6	3092.7	2611.6	2355.0	2208.4	2112.2	2093.9	2103.0	2126.0
35°	7848.6	7362.9	5159.1	3152.3	2616.2	2263.4	2048.1	1919.8	1901.4	1910.6	1933.5
37.5°	8641.3	7976.9	5053.7	3243.9	2579.5	2139.7	1901.4	1745.7	1718.2	1736.5	1745.7
40°	9255.2	8494.6	4792.6	3280.6	2515.4	1983.9	1731.9	1599.0	1525.7	1521.2	1544.1
42.5°	9823.4	8902.4	4508.5	3221.0	2382.5	1819.0	1557.8	1424.9	1310.4	1223.3	1223.3
45°	10391.5	9314.8	4219.8	3051.5	2162.6	1644.9	1374.5	1195.8	1063.0	998.8	1003.4
47.5°	10959.6	9713.4	3876.2	2794.9	1942.7	1461.6	1177.5	1035.5	943.8	893.4	893.4
50°	11486.5	10002.0	3436.3	2387.1	1690.7	1278.3	1040.1	957.6	888.9	843.0	833.9
52.5°	11949.3	10194.5	2840.7	1892.3	1415.8	1072.1	966.8	902.6	852.2	801.8	788.1
55°	*12031.8*	*10066.2*	*2377.9*	*1521.2*	*1168.4*	*962.2*	*911.8*	*856.8*	*788.1*	*765.2*	*751.4*
57.5°	11523.2	9388.1	2006.8	1282.9	998.8	884.3	866.0	801.8	746.8	723.9	710.2
60°	10657.2	8155.6	1658.6	1099.6	888.9	811.0	833.9	769.7	682.7	668.9	655.2
62.5°	9099.4	6364.1	1324.1	925.5	806.4	756.0	778.9	687.3	614.0	595.6	591.1
65°	7074.3	4554.3	1113.4	815.6	742.2	701.0	691.9	609.4	554.4	540.7	540.7
67.5°	4939.2	2895.7	930.1	746.8	659.8	632.3	627.7	572.7	536.1	522.3	522.3
70°	3024.0	1754.8	783.5	682.7	581.9	531.5	563.6	554.4	499.4	485.7	481.1
72.5°	1571.6	1049.2	687.3	627.7	490.3	453.6	504.0	508.6	462.8	481.1	476.5
75°	911.8	728.5	600.2	554.4	389.5	380.3	439.9	485.7	449.0	462.8	453.6
77.5°	522.3	467.3	462.8	453.6	307.0	311.6	394.0	435.3	384.9	398.6	366.5
80°	288.7	302.4	320.7	284.1	215.3	242.8	316.1	348.2	293.2	288.7	265.7
82.5°	151.2	187.9	215.3	183.3	123.7	146.6	215.3	215.3	187.9	178.7	174.1
85°	68.7	77.9	100.8	91.6	45.8	55.0	100.8	110.0	96.2	87.1	82.5
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	9.2	13.7	4.6	4.6	4.6
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

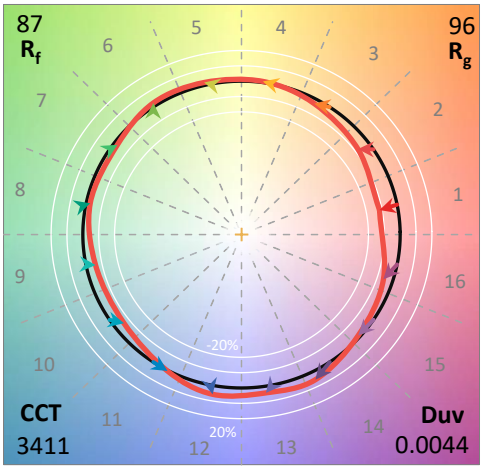
Test Information

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

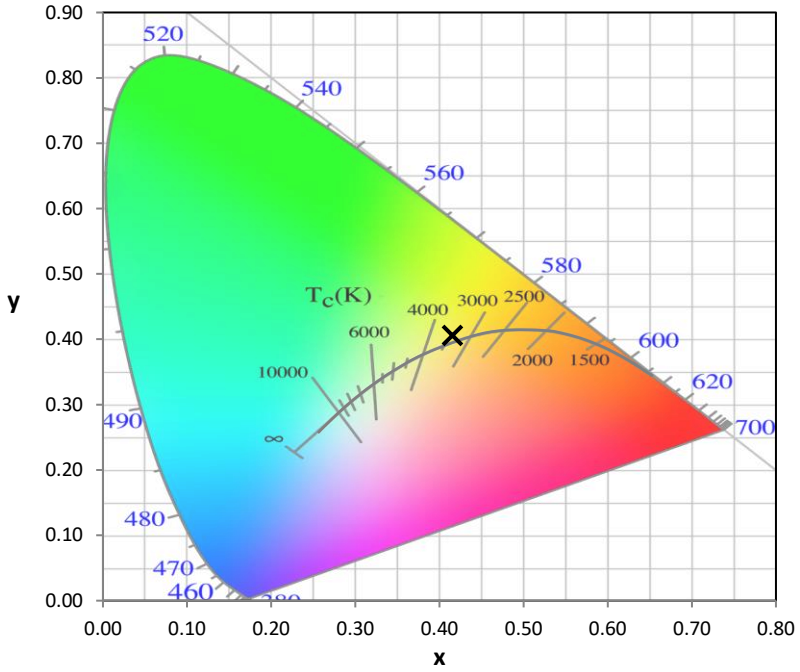
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

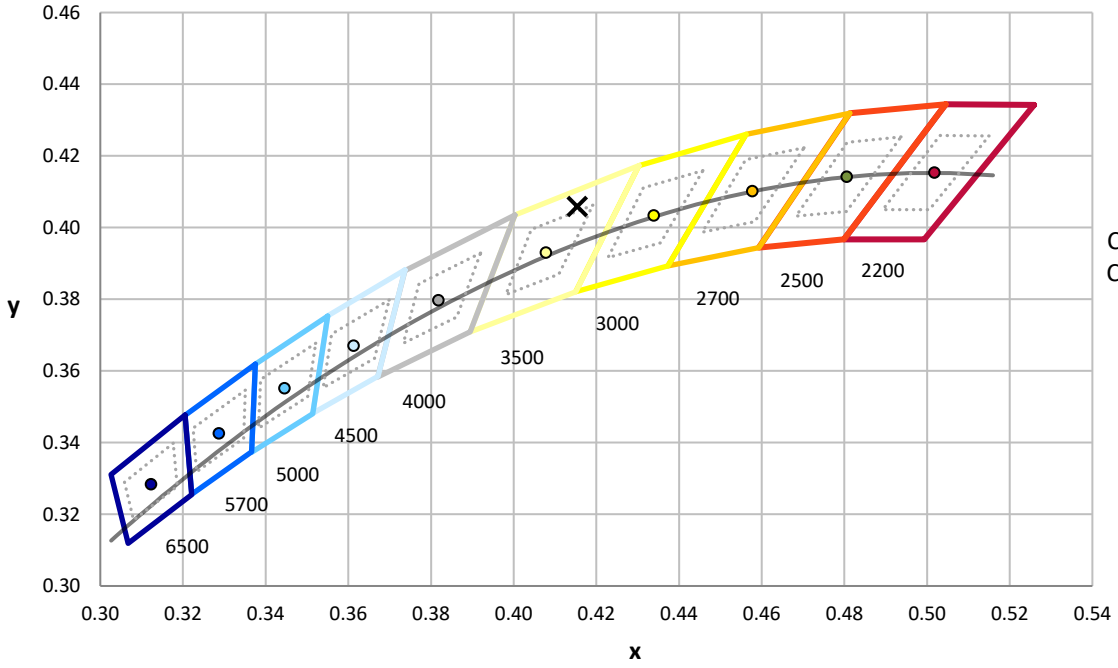
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

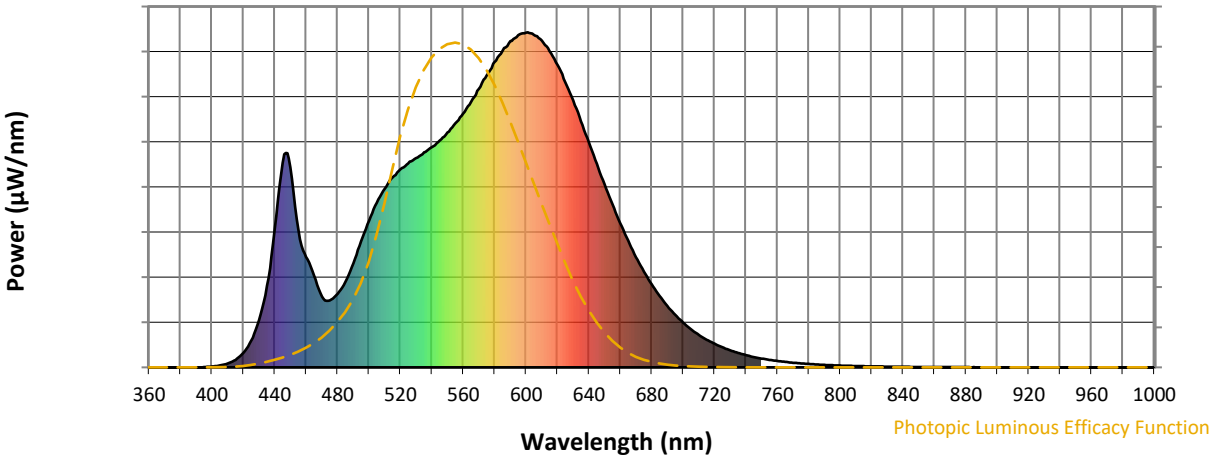


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

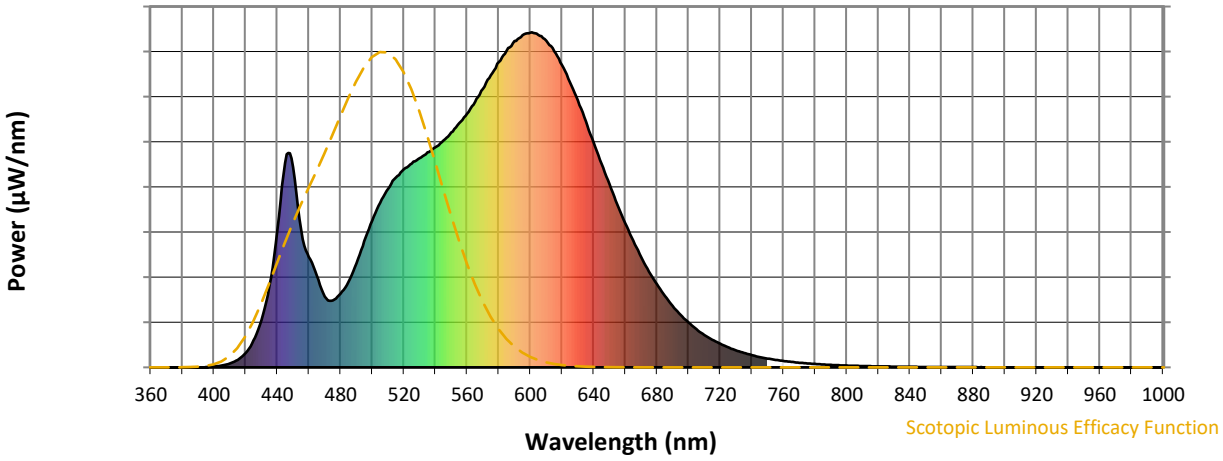


Photopic Lumens: NR

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

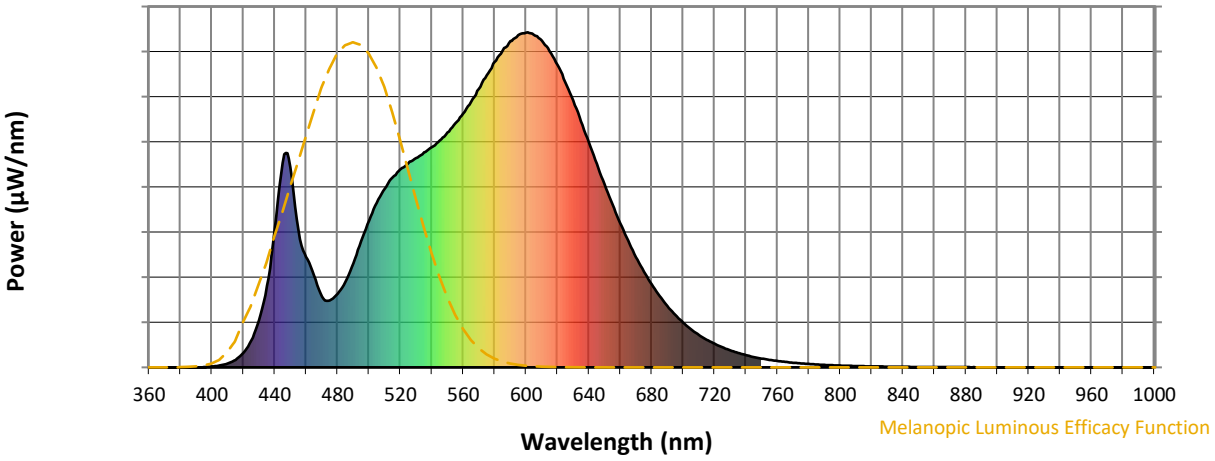


Scotopic Lumens: NR **S/P: 1.48**

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			

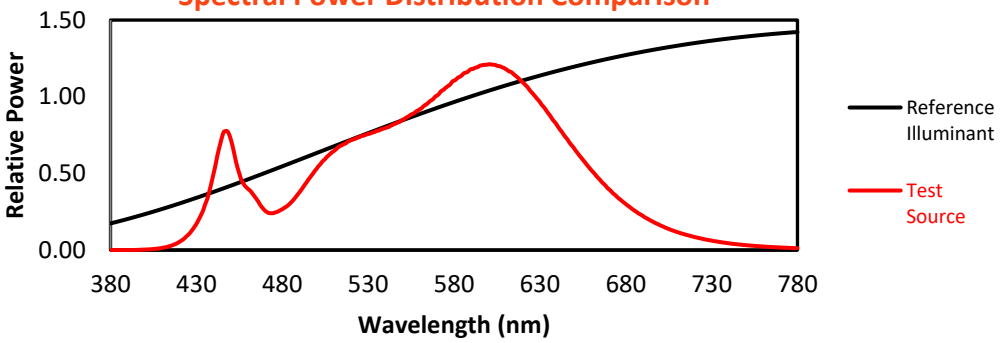
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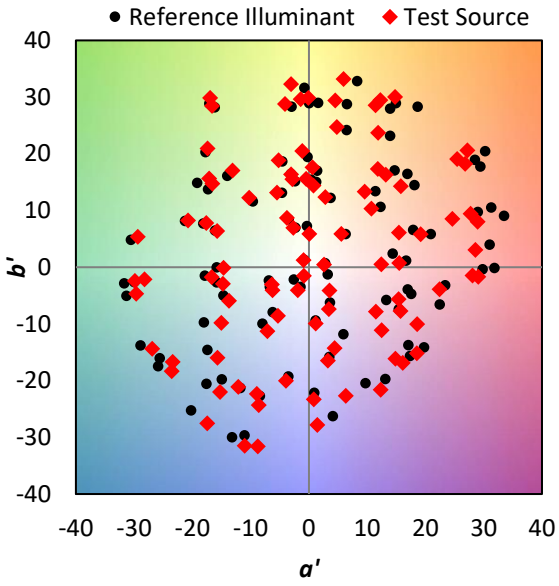
Summary

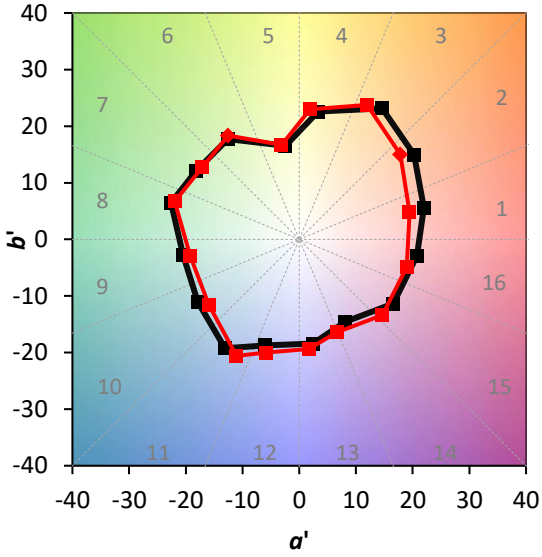
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

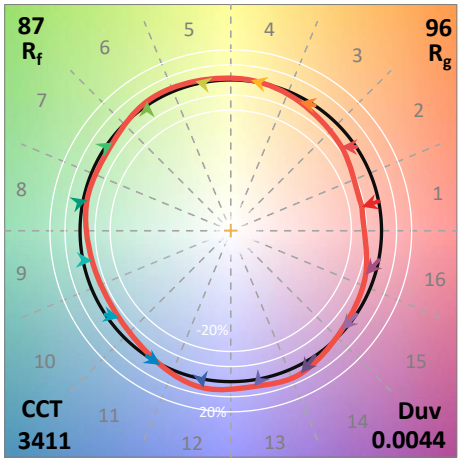
Spectral Power Distribution Comparison

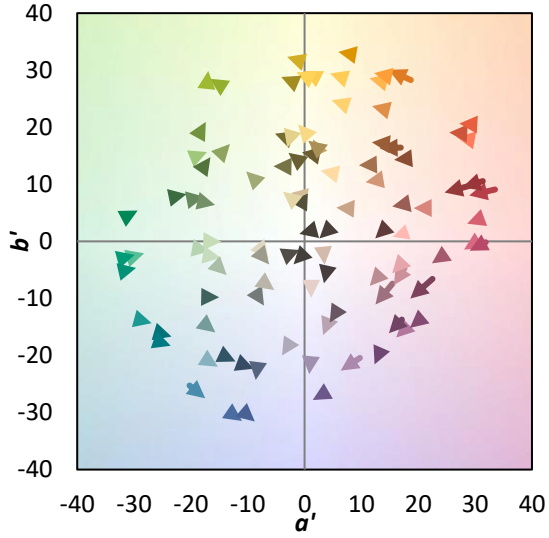


Color Vector Graphics







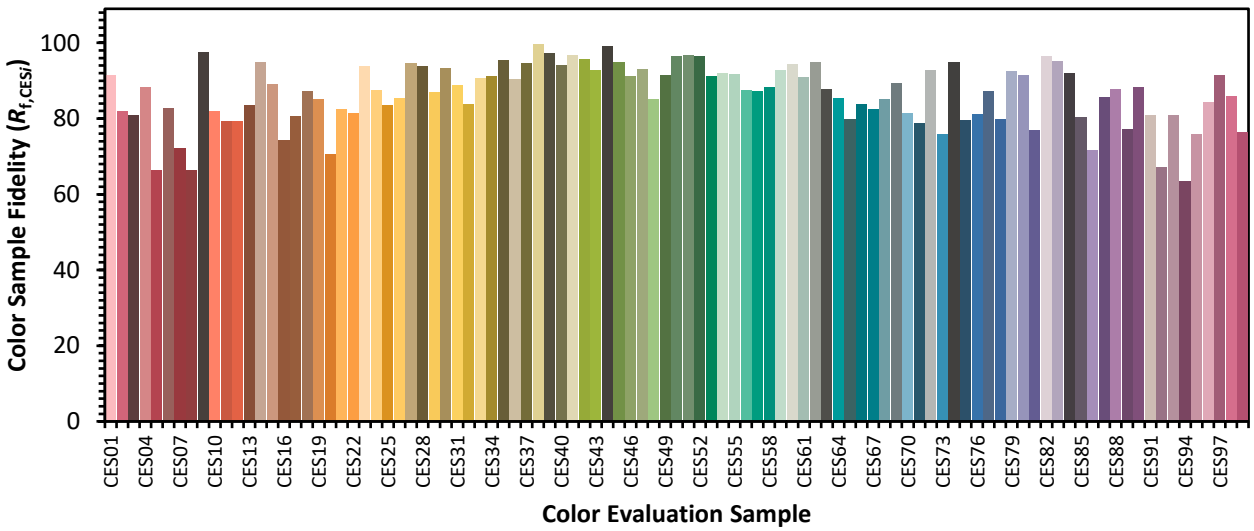


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Individual Sample Fidelity Index ($R_{f,i}$)

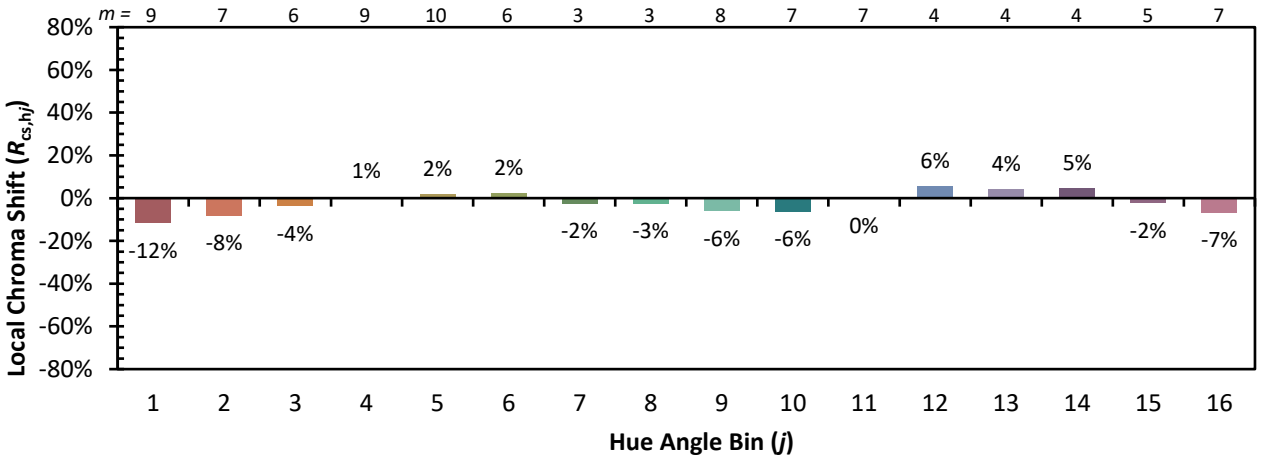
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

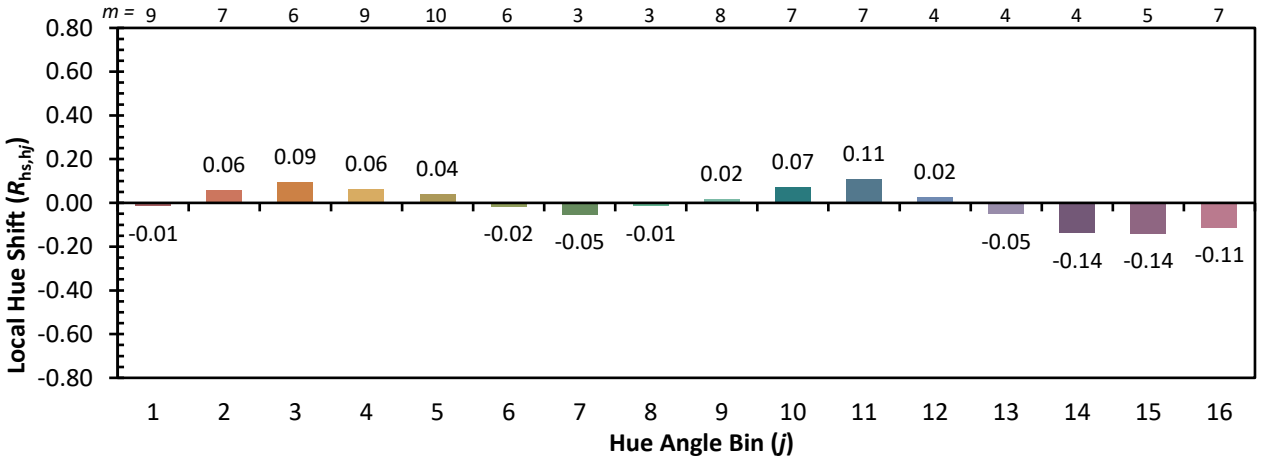


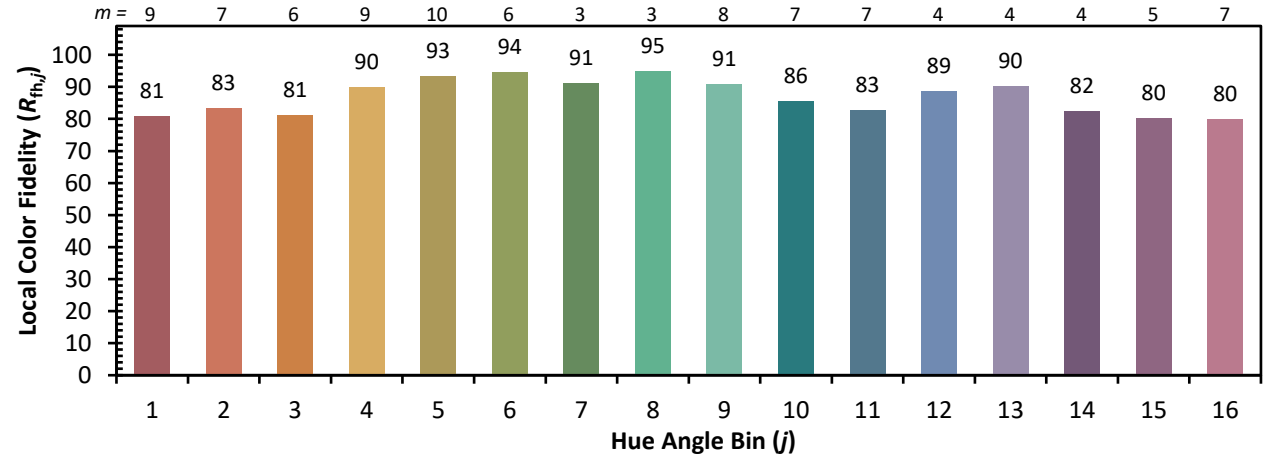
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Color Rendition by Hue-Angle Bin



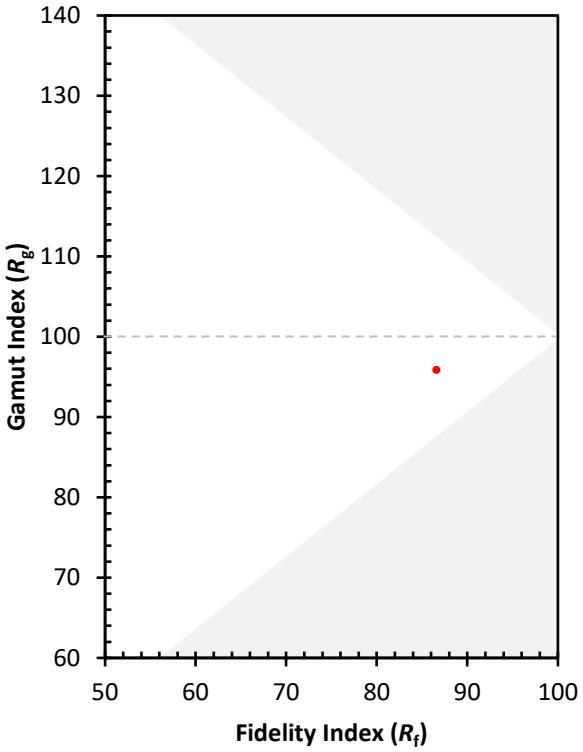


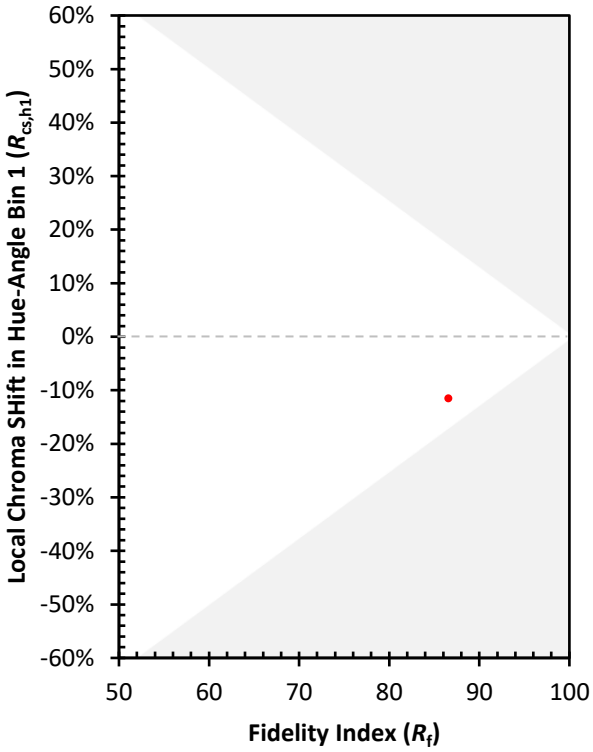


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Measure Comparisons





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