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: P1502329

Luminaire Tested: GSS-SB6A-835-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:	P1502329
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6A-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(156) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20286.4 lumens
Efficiency:	N/A
Efficacy:	119.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

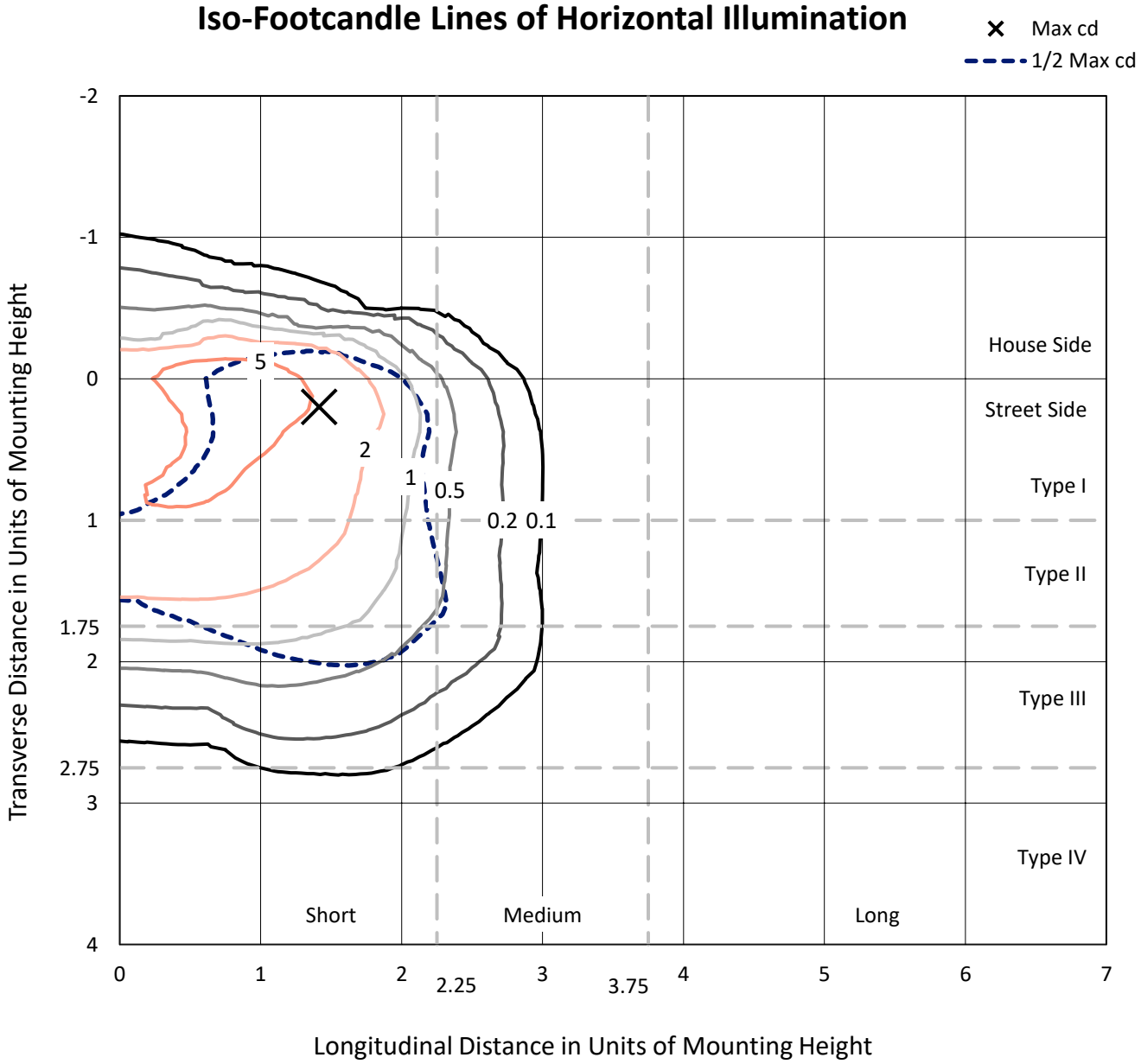
Input Watts (W):	170
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	12.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502329
CATALOG NUMBER: GSS-SB6A-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



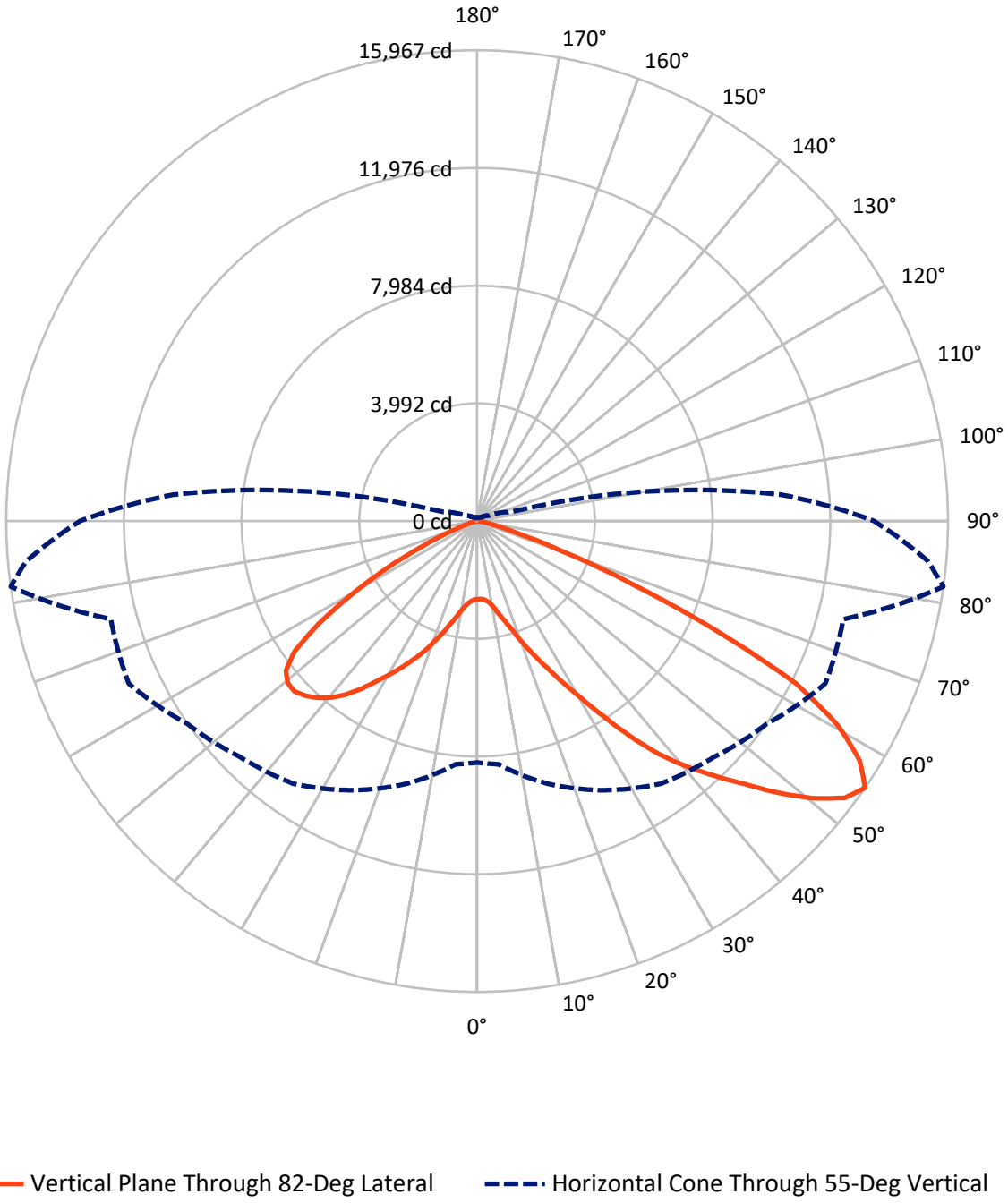
Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

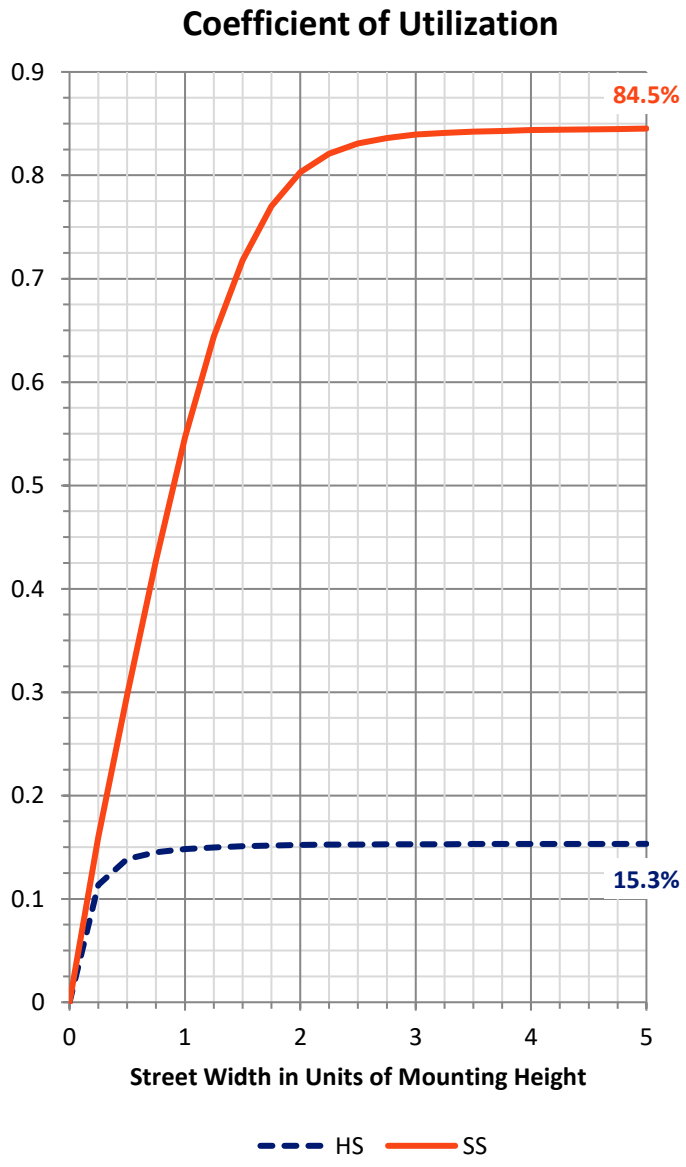
REPORT NUMBER: P1502329
CATALOG NUMBER: GSS-SB6A-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3135.6	0.0	3135.6
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	17150.8	0.0	17150.8
	% Fixture	84.5	0.0	84.5
Total	Lumens	20286.4	0.0	20286.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.1	1.2
10°-20°	649.9	3.2
20°-30°	1299.2	6.4
30°-40°	2690.4	13.3
40°-50°	4494.3	22.2
50°-60°	5700.2	28.1
60°-70°	4261.3	21.0
70°-80°	902.6	4.4
80°-90°	48.6	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°	20286.4	100.0
0°-180°	20286.4	100.0



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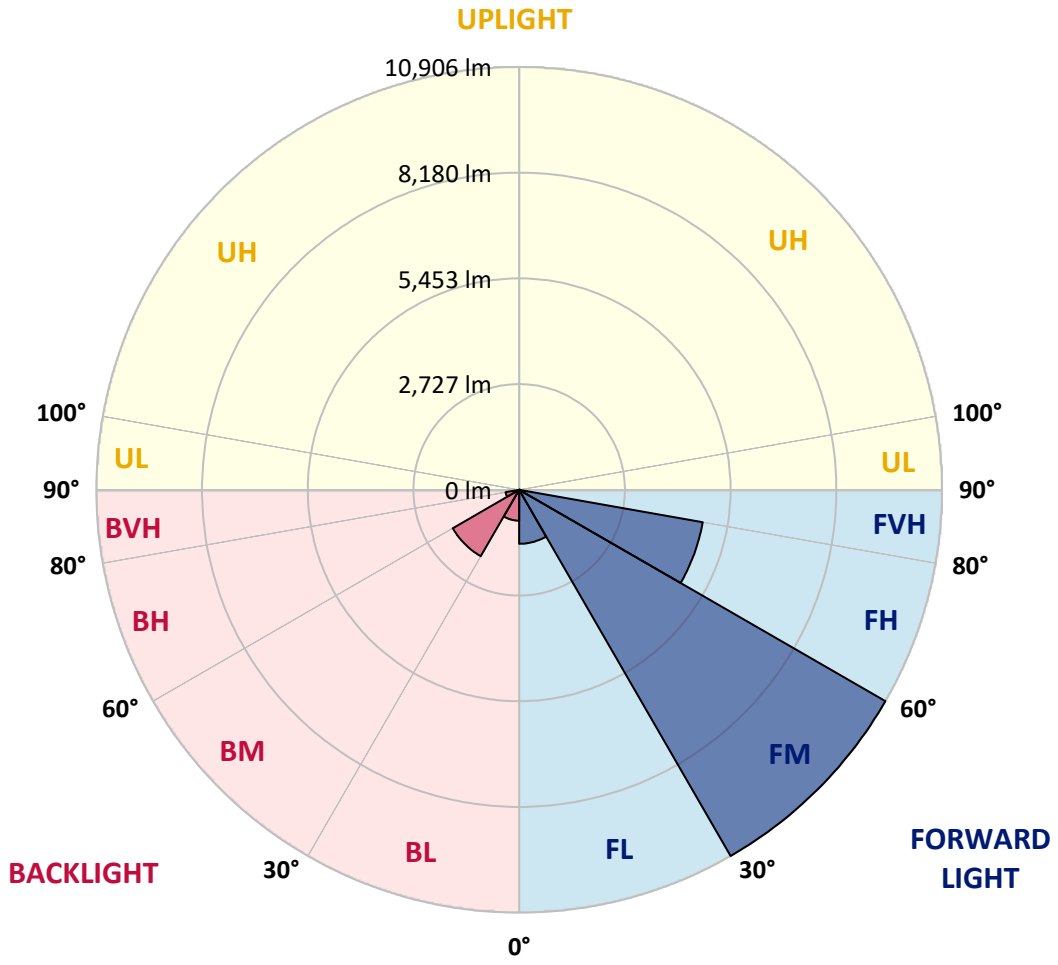
Scaled Data Report

REPORT NUMBER: P1502329
CATALOG NUMBER: GSS-SB6A-835-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1393.2	6.9			
FM	(30°-60°)	10906.3	53.8			
FH	(60°-80°)	4807.8	23.7			G2/5000
FVH	(80°-90°)	43.5	0.2			G1/100
BL	(0°-30°)	796.0	3.9	B2/1000		
BM	(30°-60°)	1978.5	9.8	B2/2500		
BH	(60°-80°)	356.0	1.8	B1/500		G1/500
BVH	(80°-90°)	5.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	*2648.4*	2648.4
2.5°	2576.8	2582.3	2571.3	2576.8	2587.8	2582.3	2604.3	2620.9	2637.4	*2642.9*	2648.4
5°	2351.1	2356.6	2362.1	2406.1	2433.7	2499.7	2560.3	2598.8	2653.9	*2681.4*	2686.9
7.5°	2081.3	2081.3	2103.3	2158.4	2229.9	2356.6	2494.2	2604.3	2709.0	*2764.0*	2775.0
10°	2031.7	2037.2	2037.2	2075.8	2136.3	2263.0	2439.2	2659.4	2846.6	*2929.2*	2956.7
12.5°	2042.7	2048.2	2053.7	2092.3	2152.8	2263.0	2488.7	2775.0	3066.8	*3204.5*	3221.0
15°	2070.3	2081.3	2097.8	2147.3	2213.4	2356.6	2593.3	2940.2	3331.1	*3507.3*	3551.4
17.5°	2152.8	2158.4	2185.9	2240.9	2345.6	2488.7	2747.5	3154.9	3700.0	*3892.7*	3975.3
20°	2279.5	2290.5	2329.0	2406.1	2527.3	2709.0	2995.3	3435.7	4096.5	*4393.8*	4459.9
22.5°	2439.2	2439.2	2494.2	2615.4	2786.0	2989.8	3336.6	3810.2	4581.0	*4927.9*	5038.0
25°	2703.4	2697.9	2742.0	2879.6	3083.4	3380.7	3733.1	4256.1	5087.5	*5500.5*	5616.1
27.5°	3309.1	3292.6	3276.1	3281.6	3457.8	3837.7	4245.1	4817.8	5715.2	*6199.8*	6287.9
30°	4013.9	4035.9	4013.9	3958.8	3986.3	4338.7	4845.3	5506.0	6420.0	*6965.1*	7080.7
32.5°	4630.5	4641.6	4735.2	4795.7	4817.8	4982.9	5539.0	6337.4	7317.5	*7912.1*	8060.8
35°	5302.3	5318.8	5423.4	5550.1	5748.3	5896.9	6409.0	7301.0	8231.5	*8980.3*	9090.4
37.5°	6084.1	6111.7	6249.3	6431.0	6706.3	7047.7	7323.0	8176.4	9162.0	*10026.4*	10142.1
40°	6772.4	6860.5	7097.2	7328.5	7620.3	8005.7	8187.4	8941.7	9850.2	*10951.4*	11144.1
42.5°	7422.1	7471.6	7851.6	8209.4	8556.3	8870.2	9046.4	9541.9	10461.4	*11810.4*	12025.1
45°	7961.7	8000.2	8424.2	8897.7	9327.2	9641.0	9668.5	10125.5	11067.1	*12718.9*	12884.0
47.5°	8292.0	8352.6	8897.7	9437.3	9910.8	10202.6	10158.6	10868.8	11727.8	*13776.0*	13798.0
50°	8490.3	8528.8	9084.9	9784.2	10367.8	10571.5	10665.1	11579.1	12327.9	*14778.1*	14646.0
52.5°	8633.4	8694.0	9239.1	9982.4	10637.6	10912.9	11248.8	12377.5	12801.5	*15598.5*	15246.1
55°	*8187.4*	*8275.5*	*9217.0*	*10070.5*	*10868.8*	*11331.4*	*11992.1*	*13032.7*	*12856.5*	*15967.4*	*15323.2*
57.5°	7686.4	7702.9	8633.4	10042.9	11127.6	11771.8	12674.8	13082.3	12344.5	*15295.7*	14541.4
60°	6948.6	7047.7	8000.2	9685.1	11171.7	12124.2	13137.3	12482.1	11408.4	*14051.3*	12917.1
62.5°	4878.3	5032.5	6276.8	8743.5	10857.8	12316.9	13060.2	11436.0	10235.7	*12129.7*	10857.8
65°	2731.0	2863.1	3881.7	7053.2	9993.4	12272.9	12267.4	10037.4	8352.6	*8765.6*	7763.5
67.5°	1497.6	1602.2	2015.2	5307.8	7928.6	11331.4	10599.1	7658.8	5599.6	*5566.6*	4845.3
70°	1046.1	1051.6	1271.9	3584.4	5698.7	7906.6	8286.5	5137.1	3474.3	*3072.3*	2593.3
72.5°	512.1	517.6	633.2	1690.3	3485.3	4382.8	5682.2	2670.4	1949.1	*1525.2*	1299.4
75°	258.8	253.3	346.9	633.2	1442.6	2136.3	2505.2	1338.0	1134.2	*836.9*	743.3
77.5°	165.2	170.7	203.7	346.9	649.7	831.4	770.8	726.8	666.2	*490.0*	424.0
80°	110.1	110.1	137.7	220.2	319.3	396.4	236.8	335.9	390.9	*286.3*	247.8
82.5°	33.0	33.0	82.6	121.1	154.2	159.7	104.6	154.2	220.2	*159.7*	121.1
85°	22.0	22.0	44.0	60.6	66.1	55.1	33.0	66.1	104.6	*71.6*	60.6
87.5°	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	*5.5*	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: P1502329
CATALOG NUMBER: GSS-SB6A-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4	2648.4
2.5°	2653.9	2659.4	2675.9	2681.4	2692.4	2697.9	2697.9	2697.9	2692.4	2697.9	2709.0
5°	2697.9	2725.5	2747.5	2742.0	2742.0	2714.5	2692.4	2648.4	2626.4	2620.9	2626.4
7.5°	2808.1	2830.1	2852.1	2819.1	2736.5	2609.8	2472.2	2362.1	2268.5	2224.4	2240.9
10°	3006.3	3033.8	3033.8	2879.6	2648.4	2351.1	2103.3	1899.6	1745.4	1662.8	1701.4
12.5°	3292.6	3314.6	3259.6	2934.7	2494.2	2004.2	1591.2	1249.9	1051.6	952.5	930.5
15°	3622.9	3656.0	3468.8	2923.7	2252.0	1497.6	991.1	743.3	671.7	649.7	655.2
17.5°	4046.9	4063.4	3700.0	2835.6	1833.5	980.1	704.8	633.2	616.7	605.7	605.7
20°	4570.0	4520.4	3887.2	2686.9	1338.0	770.8	649.7	594.6	578.1	572.6	578.1
22.5°	5131.6	5054.5	4041.4	2406.1	1013.1	726.8	622.2	561.6	539.6	534.1	534.1
25°	5720.7	5544.5	4162.5	1993.2	947.0	715.8	589.1	512.1	490.0	479.0	479.0
27.5°	6392.5	6089.6	4228.6	1668.3	963.6	699.3	550.6	468.0	435.0	424.0	424.0
30°	7135.8	6695.3	4234.1	1602.2	996.6	677.2	512.1	418.5	385.4	368.9	374.4
32.5°	8038.8	7312.0	4217.6	1706.9	1018.6	660.7	468.0	368.9	341.4	324.9	324.9
35°	8974.8	8060.8	4151.5	1905.1	1029.6	611.2	413.0	324.9	291.8	286.3	291.8
37.5°	9905.3	8771.1	4057.9	2015.2	974.6	501.0	335.9	280.8	258.8	258.8	258.8
40°	10753.2	9387.7	3931.3	1921.6	776.3	363.4	275.3	242.3	231.3	225.7	231.3
42.5°	11386.4	9938.3	3700.0	1618.8	550.6	291.8	242.3	214.7	203.7	203.7	209.2
45°	12080.2	10466.9	3254.0	1189.3	418.5	253.3	209.2	187.2	181.7	181.7	187.2
47.5°	12779.4	10890.9	2824.6	792.9	363.4	225.7	187.2	170.7	165.2	159.7	165.2
50°	13313.5	11094.6	2263.0	578.1	330.4	203.7	170.7	159.7	148.7	143.2	143.2
52.5°	13693.4	11039.5	1657.3	495.5	302.8	187.2	159.7	148.7	132.1	132.1	132.1
55°	*13462.2*	*10334.8*	*1194.8*	*446.0*	*280.8*	*176.2*	*154.2*	*137.7*	*126.6*	*121.1*	*121.1*
57.5°	12339.0	8809.6	864.4	401.9	247.8	165.2	148.7	132.1	115.6	110.1	110.1
60°	10725.7	6860.5	644.2	352.4	214.7	159.7	132.1	126.6	110.1	99.1	99.1
62.5°	8765.6	4993.9	501.0	302.8	192.7	137.7	126.6	115.6	99.1	88.1	82.6
65°	6084.1	3188.0	385.4	247.8	181.7	121.1	115.6	99.1	82.6	66.1	66.1
67.5°	3755.1	1894.1	297.3	192.7	143.2	104.6	99.1	88.1	71.6	55.1	55.1
70°	2075.8	1002.1	203.7	143.2	110.1	82.6	77.1	77.1	60.6	49.6	44.0
72.5°	996.6	545.1	137.7	121.1	82.6	55.1	60.6	60.6	49.6	38.5	38.5
75°	600.2	324.9	93.6	93.6	55.1	44.0	44.0	49.6	38.5	27.5	27.5
77.5°	341.4	192.7	55.1	71.6	38.5	27.5	33.0	27.5	22.0	16.5	16.5
80°	192.7	110.1	33.0	49.6	22.0	16.5	16.5	11.0	11.0	5.5	5.5
82.5°	93.6	60.6	16.5	16.5	11.0	5.5	5.5	5.5	5.5	0.0	0.0
85°	44.0	11.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	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: SP1-2407-184-10

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

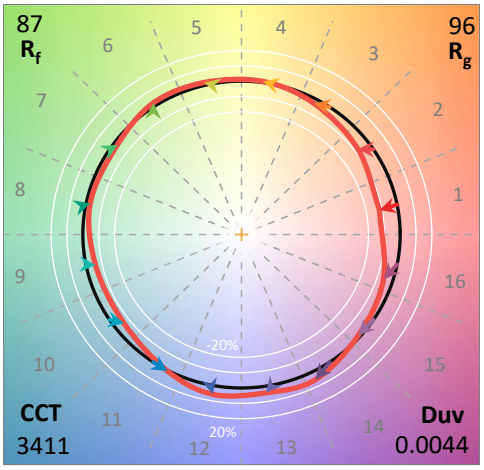
Test Information

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

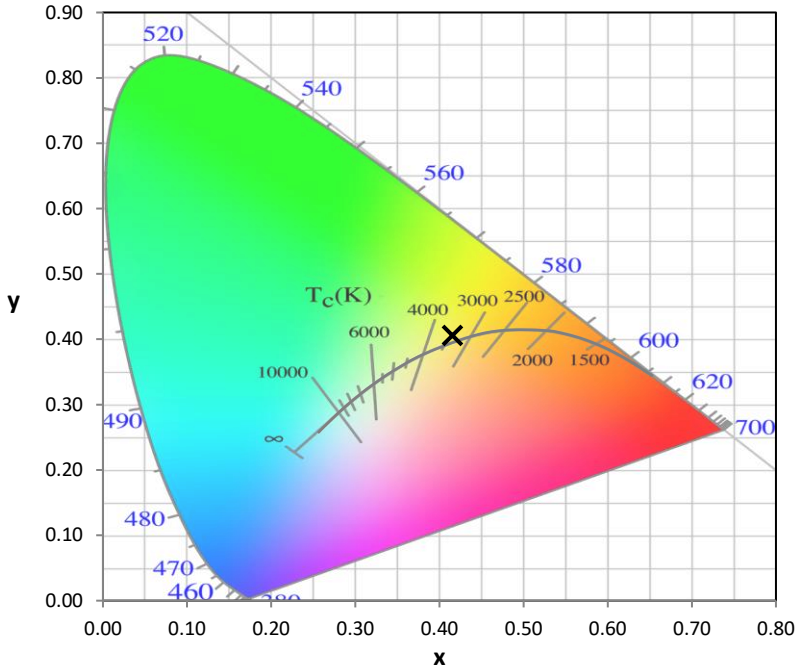
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

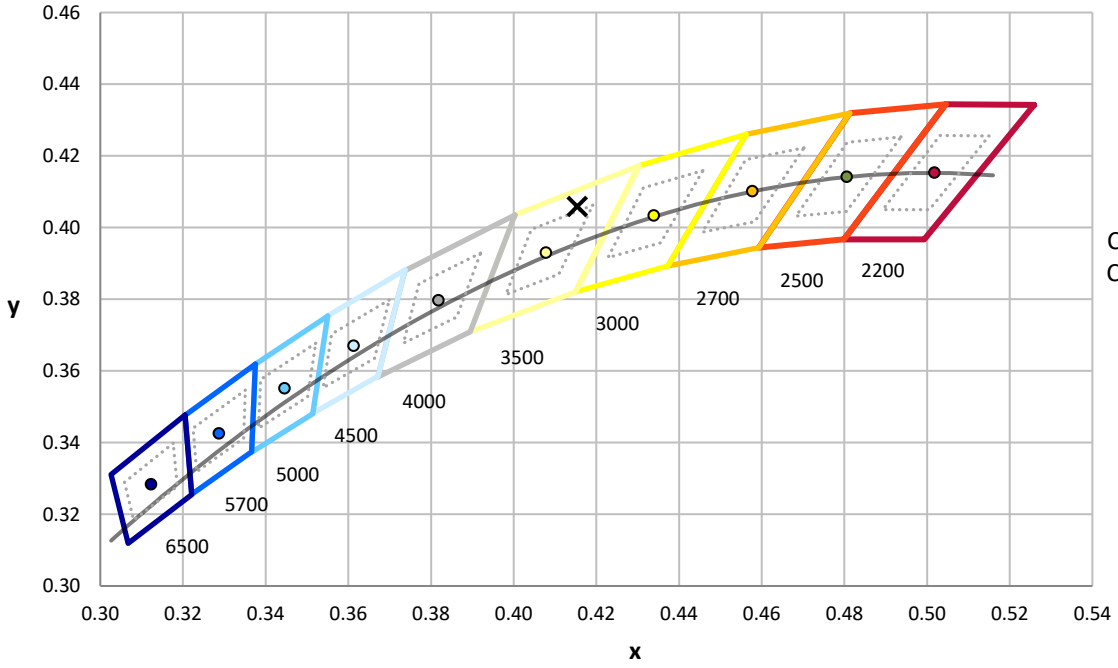
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

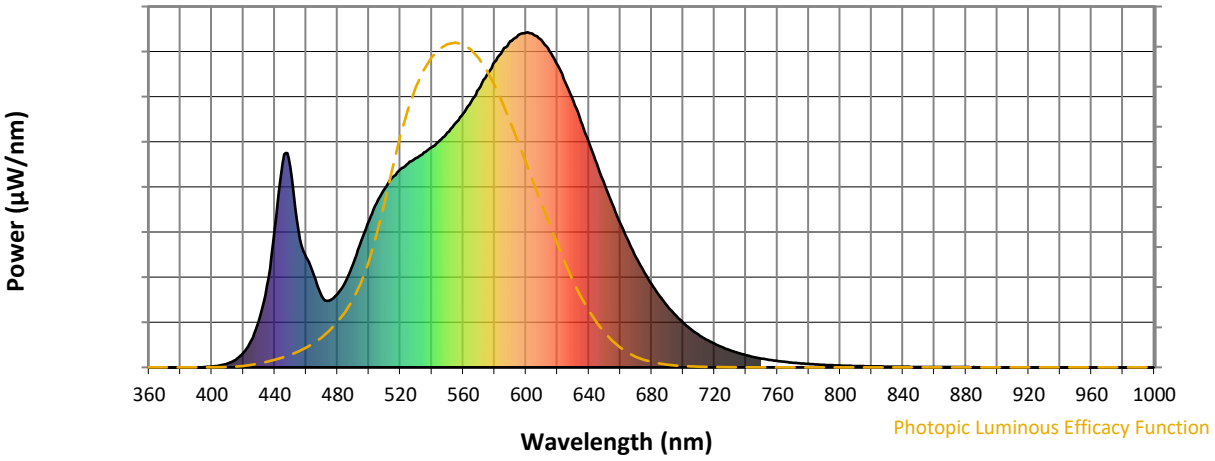


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

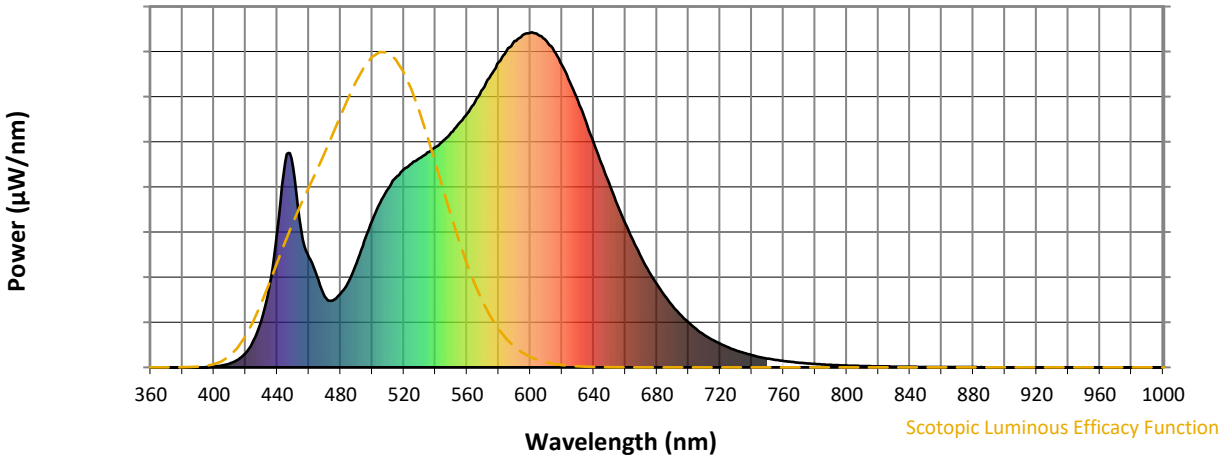


Photopic Lumens: NR

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

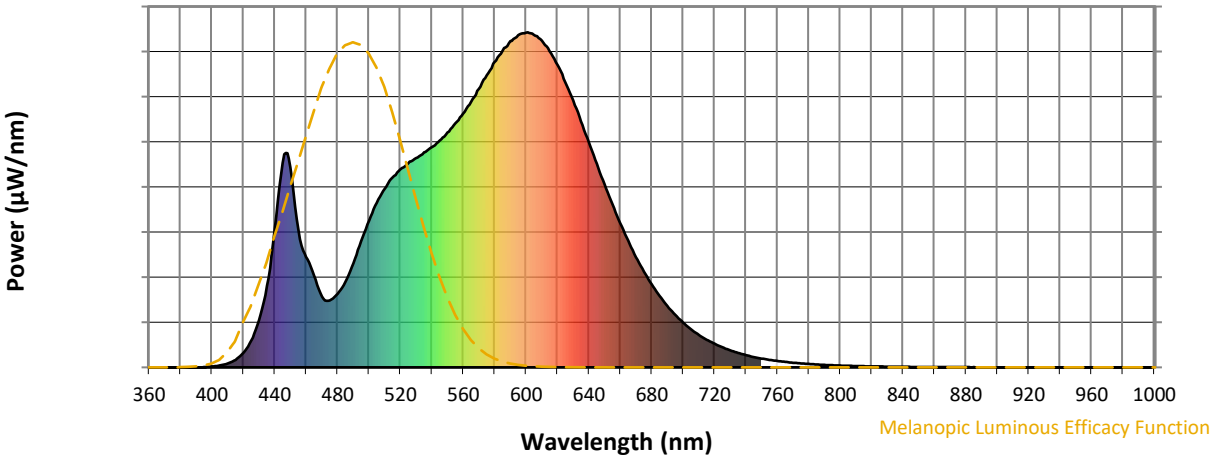


Scotopic Lumens: NR **S/P: 1.48**

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			

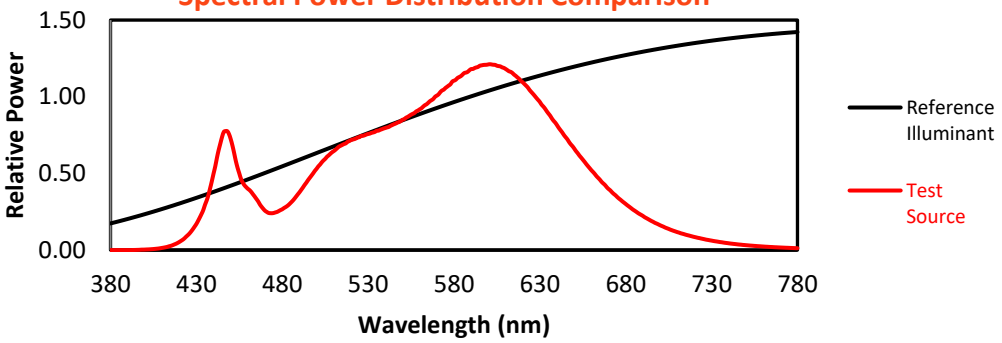
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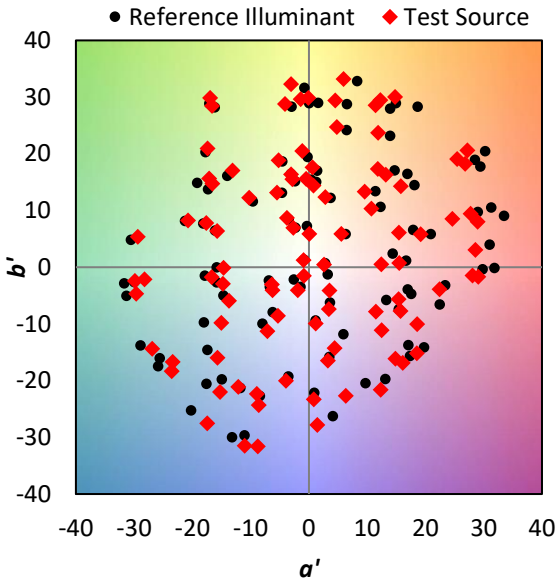
Summary

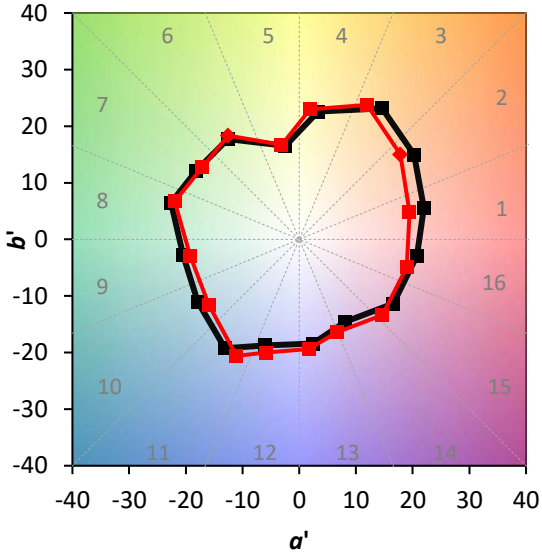
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

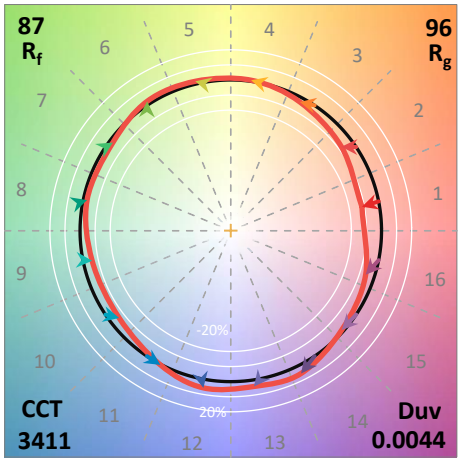
Spectral Power Distribution Comparison

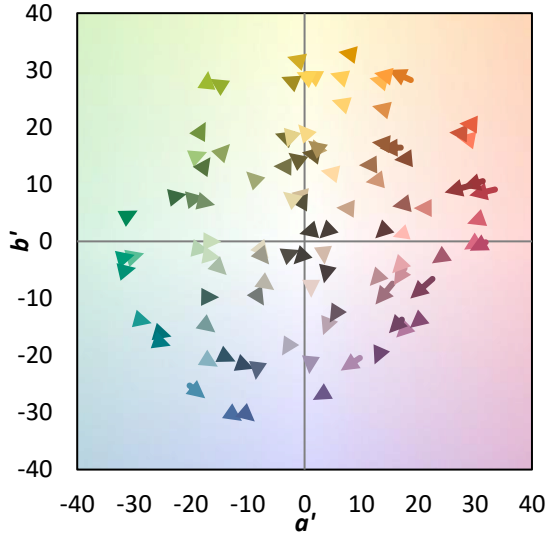


Color Vector Graphics







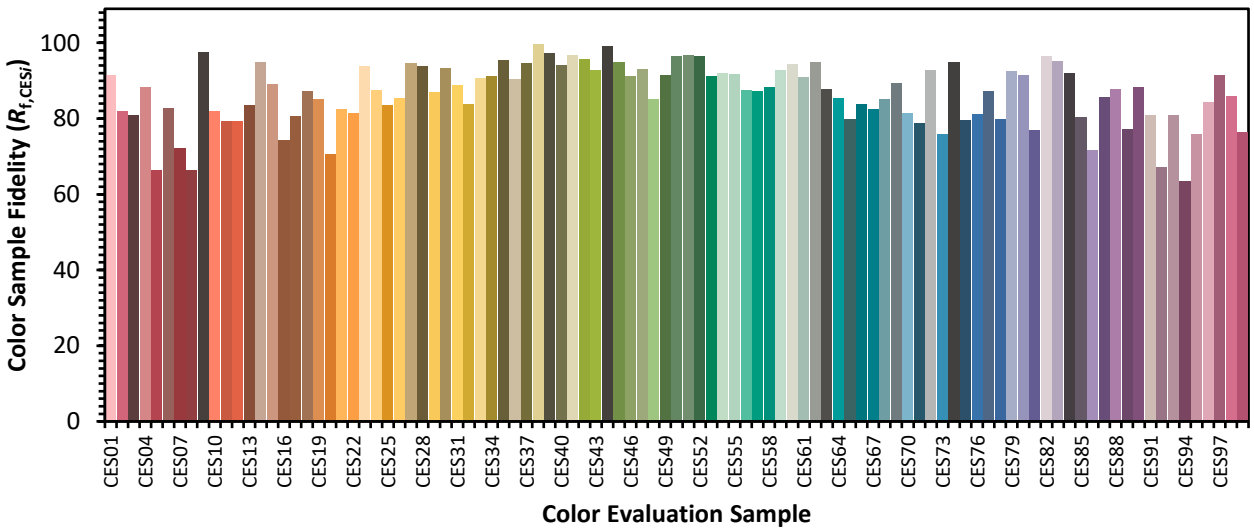


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Individual Sample Fidelity Index ($R_{f,i}$)

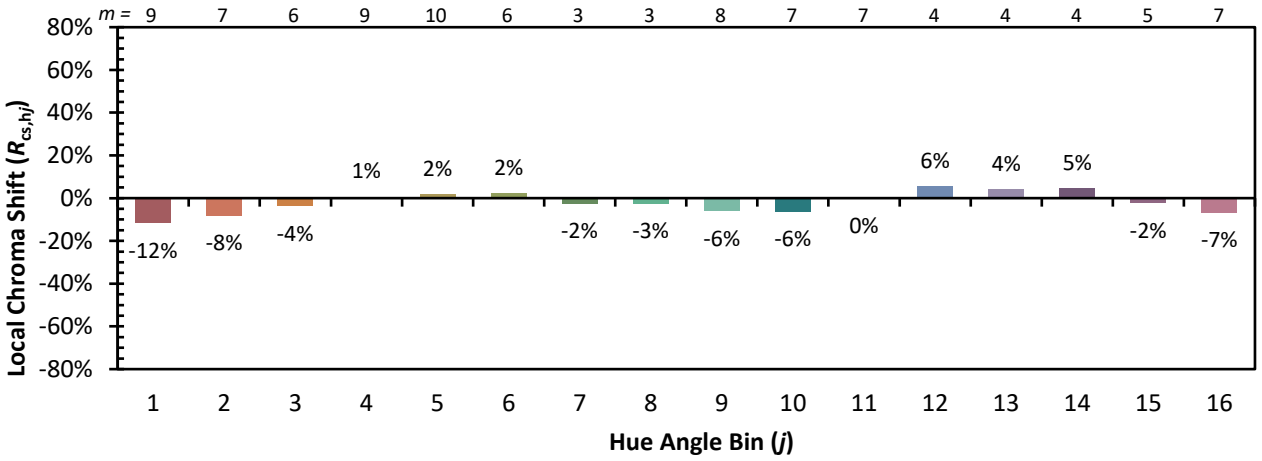
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

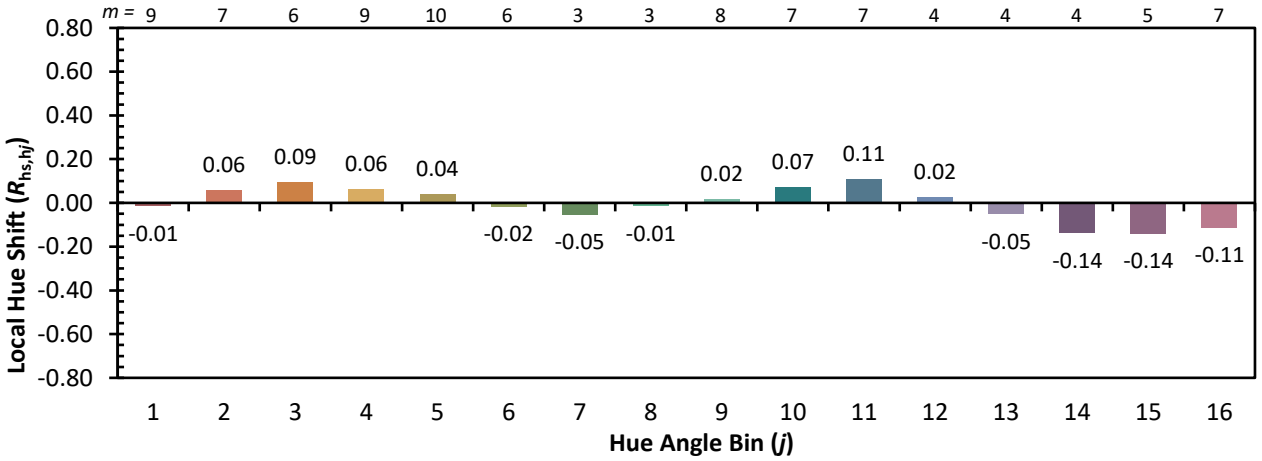


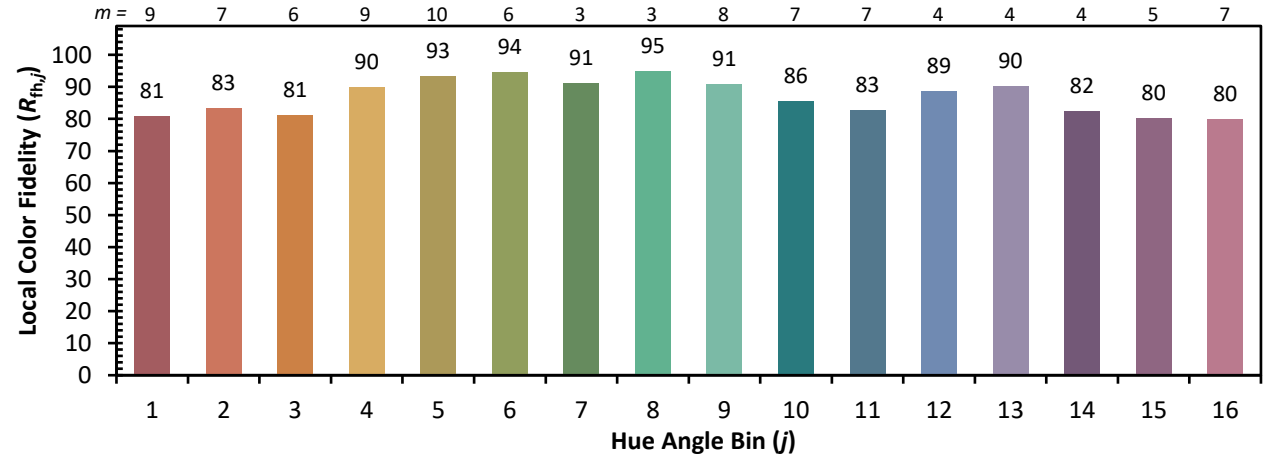
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Color Rendition by Hue-Angle Bin



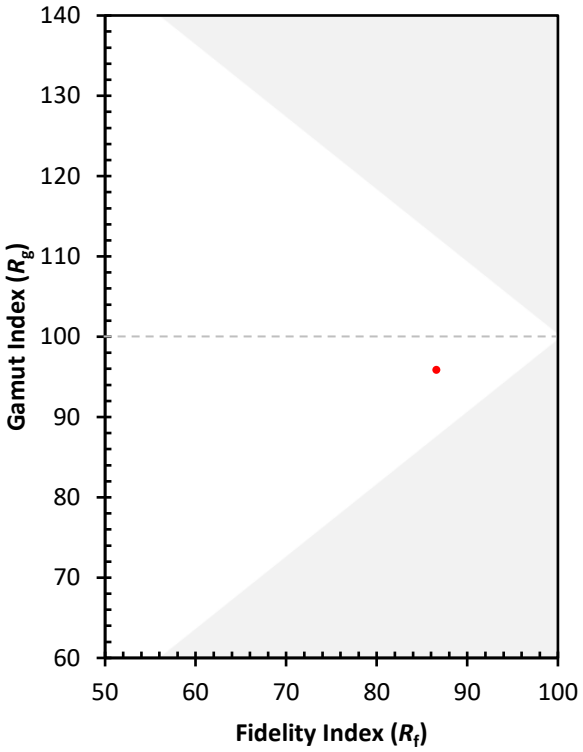


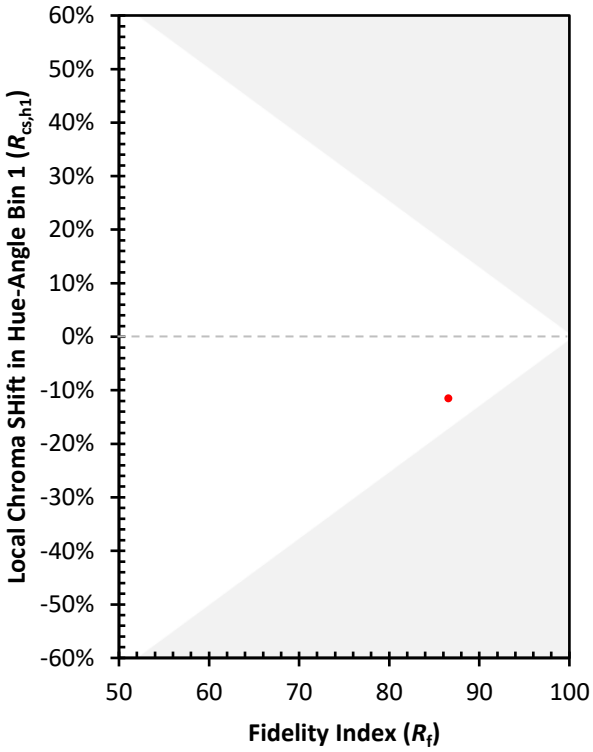


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Measure Comparisons





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