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: P1501197

Luminaire Tested: GSS-SB5A-840-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:	P1501197
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21250.8 lumens
Efficiency:	N/A
Efficacy:	148.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

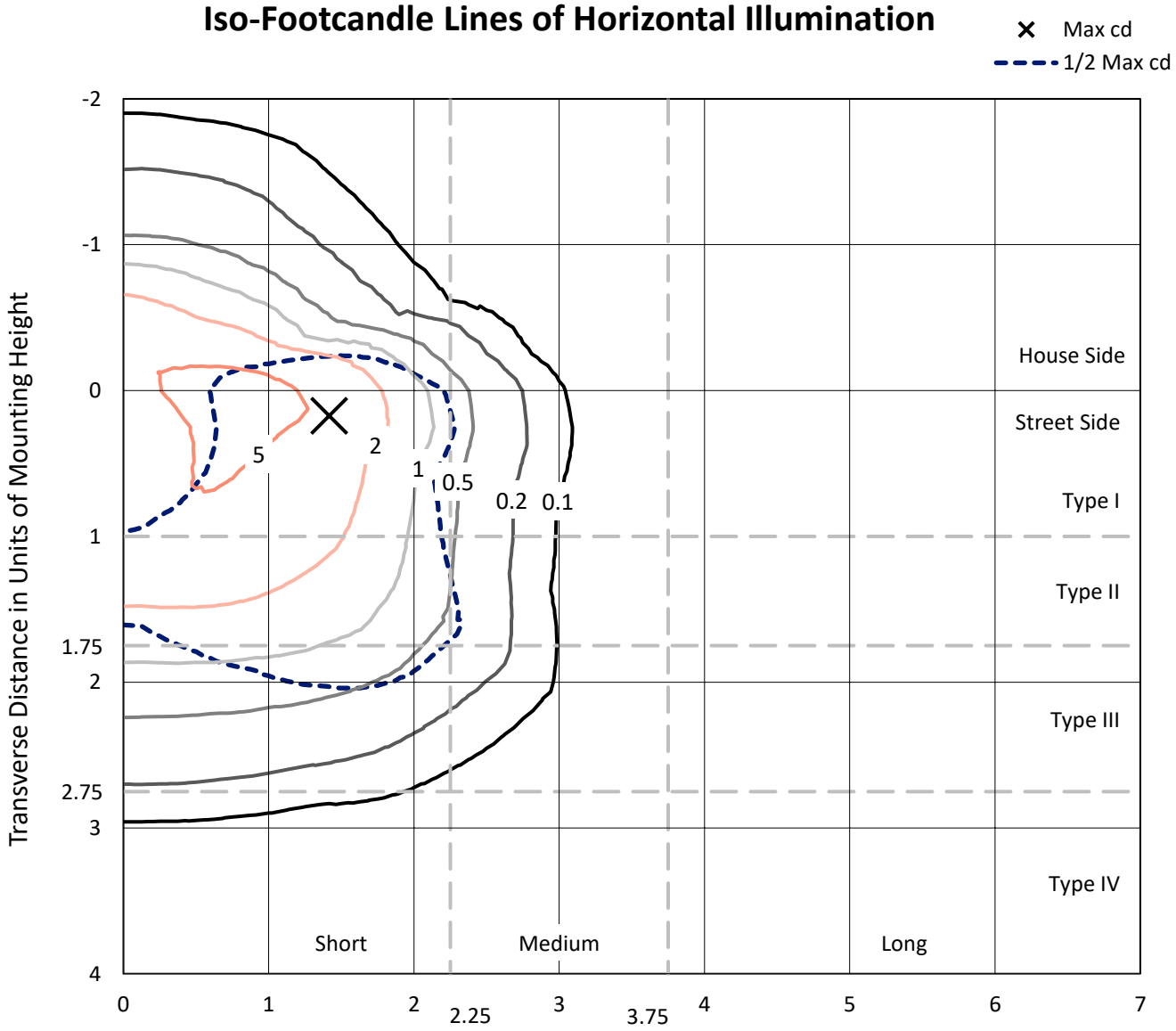
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501197
CATALOG NUMBER: GSS-SB5A-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



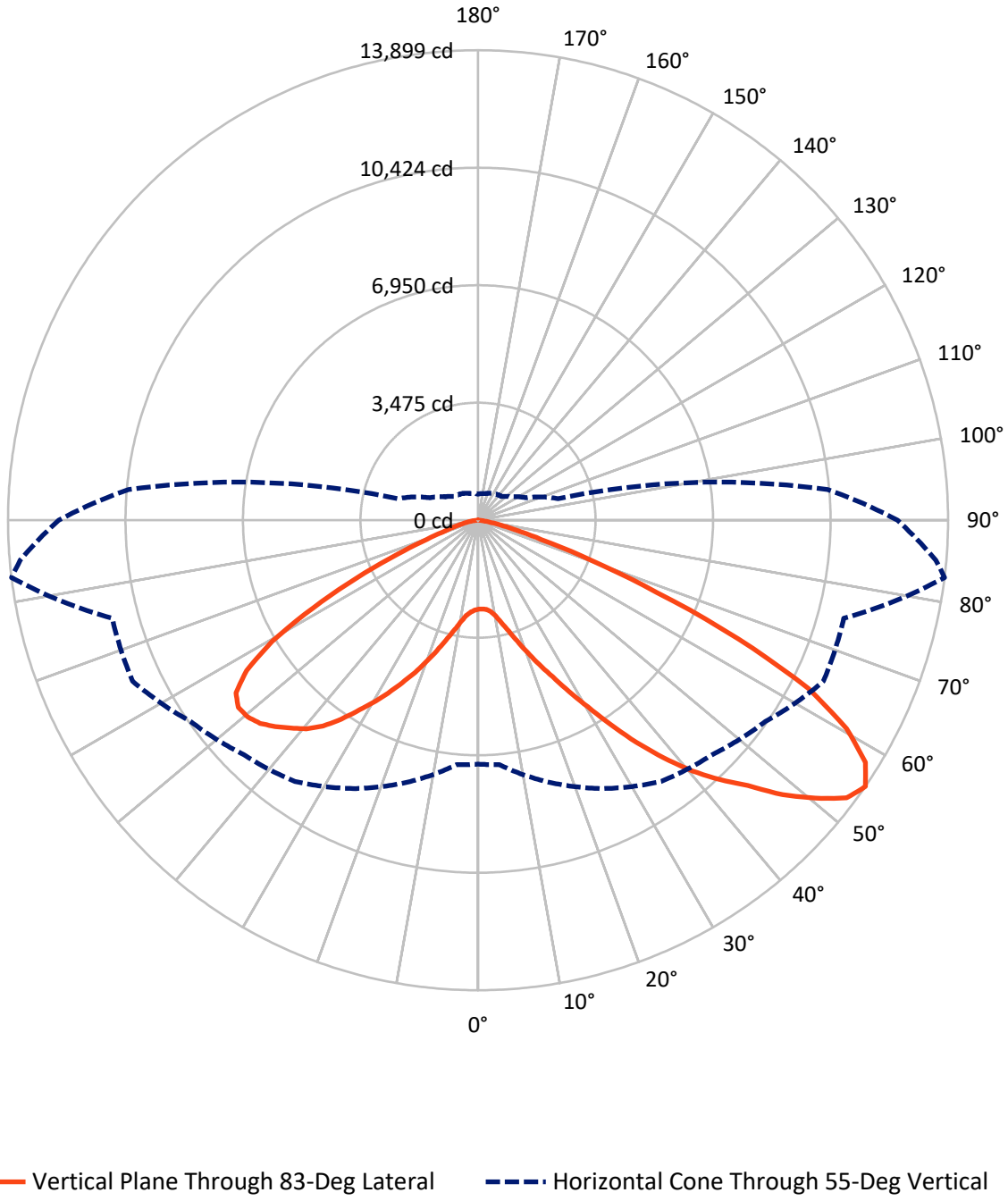
Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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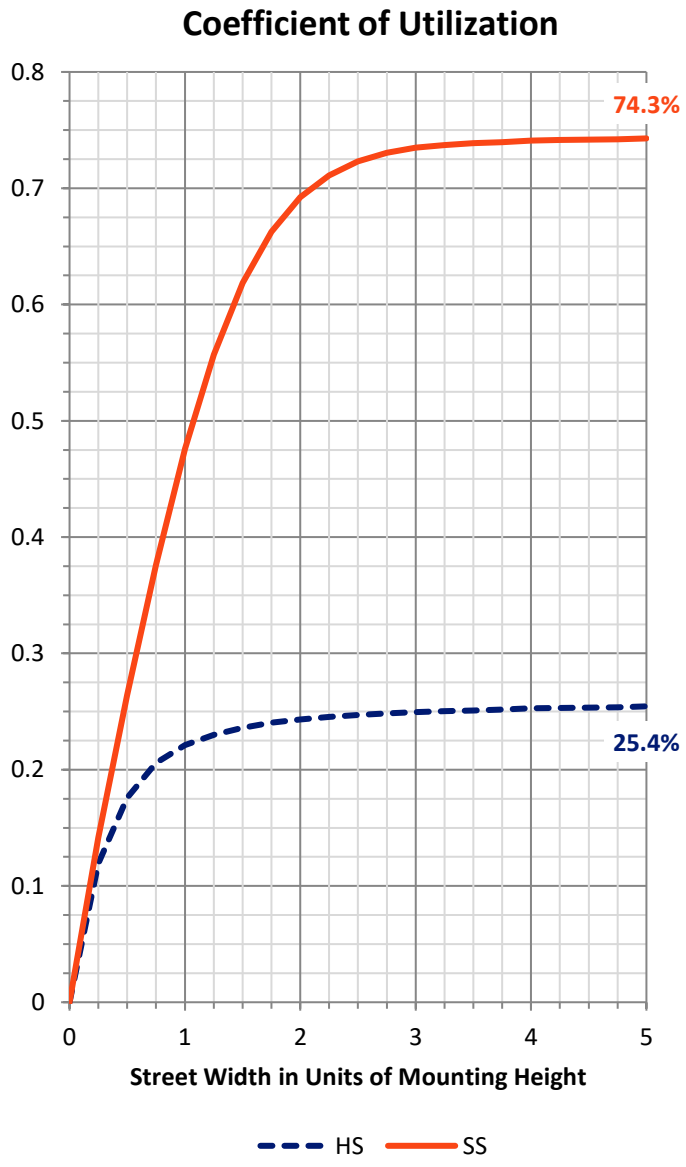
REPORT NUMBER: P1501197
CATALOG NUMBER: GSS-SB5A-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5453.4	0.0	5453.4
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	15797.4	0.0	15797.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	21250.8	0.0	21250.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.2	1.2
10°-20°	828.0	3.9
20°-30°	1657.7	7.8
30°-40°	2949.3	13.9
40°-50°	4444.5	20.9
50°-60°	5415.9	25.5
60°-70°	4379.5	20.6
70°-80°	1199.5	5.6
80°-90°	122.2	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°	21250.8	100.0
0°-180°	21250.8	100.0



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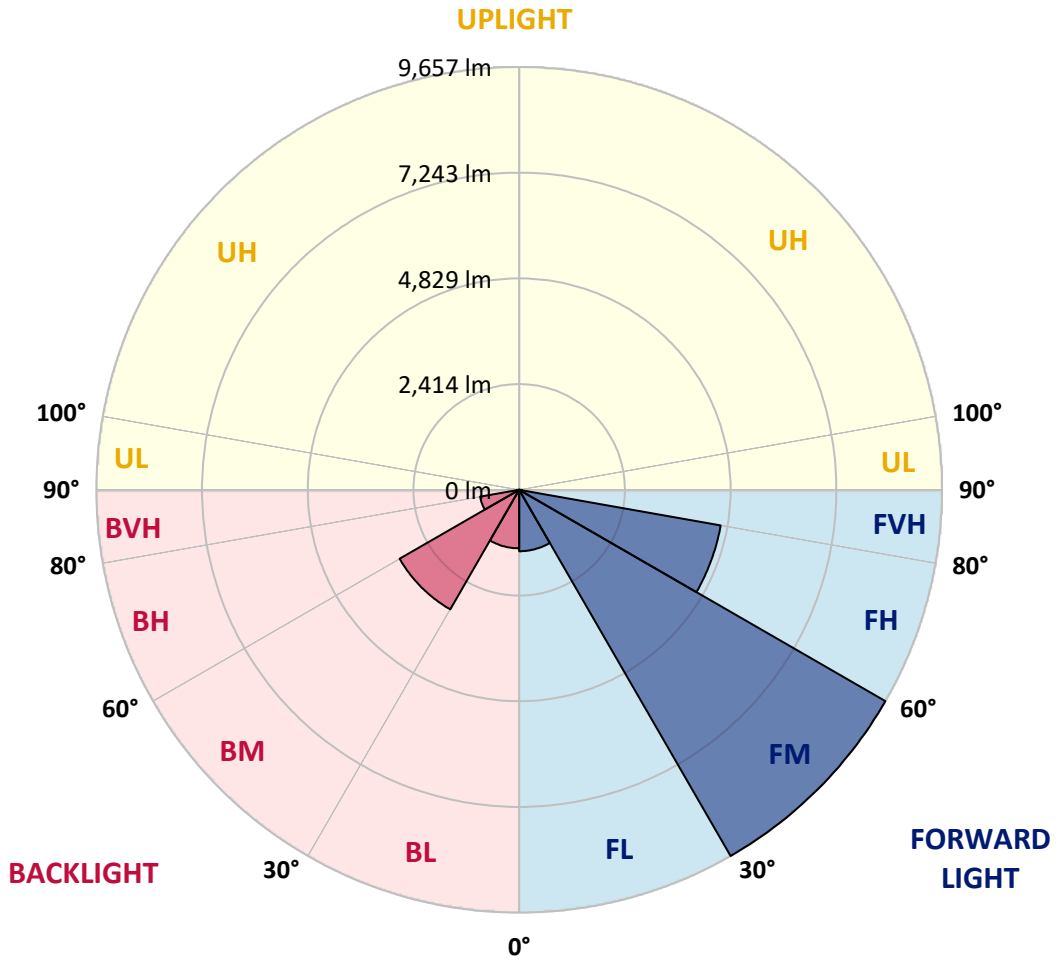
Scaled Data Report

REPORT NUMBER: P1501197
CATALOG NUMBER: GSS-SB5A-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1403.1	6.6			
FM	(30°-60°)	9657.0	45.4			
FH	(60°-80°)	4673.6	22.0			G2/5000
FVH	(80°-90°)	63.6	0.3			G1/100
BL	(0°-30°)	1336.8	6.3	B3/2500		
BM	(30°-60°)	3152.7	14.8	B3/5000		
BH	(60°-80°)	905.4	4.3	B2/1000		G2/1000
BVH	(80°-90°)	58.5	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°	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	*2630.6*	2630.6
2.5°	2555.1	2550.3	2545.6	2540.9	2550.3	2564.5	2578.7	2588.1	2611.7	*2630.6*	2621.2
5°	2352.0	2342.5	2352.0	2389.8	2422.8	2479.5	2536.2	2574.0	2625.9	*2649.5*	2659.0
7.5°	2172.5	2163.1	2172.5	2219.7	2276.4	2366.1	2484.2	2578.7	2673.1	*2729.8*	2739.3
10°	2172.5	2177.2	2177.2	2196.1	2224.5	2314.2	2455.9	2635.3	2800.6	*2880.9*	2899.8
12.5°	2243.4	2243.4	2243.4	2267.0	2285.9	2356.7	2517.3	2739.3	3003.7	*3121.8*	3136.0
15°	2337.8	2333.1	2347.3	2361.4	2394.5	2465.3	2625.9	2890.4	3225.7	*3405.2*	3424.1
17.5°	2470.0	2460.6	2474.8	2507.8	2555.1	2635.3	2795.9	3098.2	3532.7	*3759.4*	3787.7
20°	2616.5	2611.7	2640.1	2692.0	2758.1	2857.3	3041.5	3348.5	3882.2	*4170.3*	4222.2
22.5°	2791.2	2781.8	2833.7	2928.2	3017.9	3131.2	3353.2	3674.4	4283.6	*4628.4*	4680.3
25°	2989.6	2989.6	3060.4	3173.8	3310.7	3513.8	3735.8	4090.0	4755.9	*5124.3*	5204.6
27.5°	3315.4	3339.1	3367.4	3485.5	3679.1	3953.0	4189.2	4590.6	5270.7	*5733.5*	5761.9
30°	3844.4	3835.0	3882.2	3962.5	4123.0	4411.1	4765.4	5195.1	5922.5	*6408.9*	6479.7
32.5°	4321.4	4335.6	4401.7	4552.8	4746.5	4992.0	5417.1	5946.1	6630.9	*7192.9*	7226.0
35°	4803.1	4812.6	4940.1	5166.8	5454.9	5728.8	6191.7	6711.2	7400.7	*8066.6*	8156.4
37.5°	5478.5	5469.1	5596.6	5790.2	6177.5	6602.5	6975.6	7471.5	8137.5	*8916.7*	9020.6
40°	5983.8	6035.8	6276.7	6522.3	6885.9	7325.1	7641.6	8109.1	8742.0	*9748.0*	9842.4
42.5°	6503.4	6545.9	6867.0	7235.4	7618.0	7915.5	8161.1	8595.6	9223.7	*10484.7*	10536.7
45°	6933.1	6989.8	7358.2	7825.8	8222.5	8524.7	8609.8	9015.9	9714.9	*11193.1*	11273.4
47.5°	7207.1	7268.5	7703.0	8250.8	8657.0	8978.1	8949.8	9521.3	10239.1	*12133.0*	12104.7
50°	7396.0	7433.8	7906.0	8491.7	9020.6	9233.2	9356.0	10092.7	10777.5	*12921.7*	12817.8
52.5°	7532.9	7594.3	8024.1	8666.4	9223.7	9502.4	9833.0	10753.9	11150.6	*13644.3*	13412.9
55°	*7211.8*	*7259.0*	*8014.7*	*8756.2*	*9431.5*	*9799.9*	*10376.1*	*11268.7*	*11197.9*	*13899.3*	*13587.6*
57.5°	6881.2	6919.0	7618.0	8732.5	9658.2	10168.3	10994.8	11334.8	10777.5	*13507.3*	13115.3
60°	6465.6	6493.9	7192.9	8482.2	9662.9	10456.4	11311.2	10853.1	9998.3	*12520.3*	12147.2
62.5°	5700.5	5700.5	6470.3	7806.9	9426.8	10602.8	11226.2	9941.6	8954.5	*10966.5*	10451.7
65°	4944.8	4911.8	5431.3	6602.5	8798.7	10565.0	10588.6	8789.2	7334.6	*8458.6*	8057.2
67.5°	4123.0	4127.8	4434.8	5360.4	7126.8	9776.3	9242.6	6791.5	5110.1	*5695.8*	5487.9
70°	2791.2	2862.0	3173.8	3891.6	5374.6	6928.4	7358.2	4600.1	3187.9	*3537.4*	3367.4
72.5°	1062.6	1076.8	1440.5	2040.3	3395.7	4165.6	5133.7	2574.0	1865.5	*1950.5*	1960.0
75°	448.7	467.6	614.0	859.6	1506.6	2271.7	2701.5	1303.5	1133.5	*1166.5*	1157.1
77.5°	302.3	311.7	373.1	462.8	680.1	911.5	1128.8	736.8	694.3	*651.8*	632.9
80°	226.7	226.7	269.2	311.7	382.6	467.6	491.2	373.1	415.6	*344.8*	335.3
82.5°	146.4	155.9	170.0	184.2	217.3	231.4	198.4	203.1	240.9	*179.5*	170.0
85°	70.8	75.6	80.3	85.0	85.0	80.3	70.8	89.7	122.8	*75.6*	70.8
87.5°	9.4	9.4	9.4	9.4	9.4	9.4	4.7	4.7	4.7	*4.7*	4.7
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: P1501197
CATALOG NUMBER: GSS-SB5A-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6	2630.6
2.5°	2635.3	2654.2	2668.4	2677.9	2701.5	2696.7	2710.9	2720.4	2729.8	2744.0	2725.1
5°	2682.6	2715.6	2753.4	2781.8	2810.1	2824.3	2829.0	2838.4	2843.2	2852.6	2847.9
7.5°	2786.5	2824.3	2880.9	2909.3	2932.9	2932.9	2918.7	2914.0	2899.8	2909.3	2909.3
10°	2961.2	3017.9	3079.3	3084.0	3055.7	3022.6	2970.7	2942.3	2904.6	2895.1	2885.7
12.5°	3216.3	3291.8	3339.1	3306.0	3206.8	3084.0	2947.1	2819.5	2720.4	2677.9	2668.4
15°	3504.4	3598.8	3608.3	3513.8	3334.3	3036.8	2748.7	2607.0	2555.1	2555.1	2550.3
17.5°	3901.1	3967.2	3929.4	3702.7	3301.3	2814.8	2607.0	2583.4	2597.6	2616.5	2616.5
20°	4316.7	4392.2	4236.4	3835.0	3098.2	2682.6	2621.2	2640.1	2673.1	2692.0	2687.3
22.5°	4812.6	4850.4	4548.1	3839.7	2880.9	2649.5	2649.5	2673.1	2696.7	2725.1	2725.1
25°	5322.6	5308.5	4836.2	3664.9	2758.1	2640.1	2630.6	2649.5	2659.0	2673.1	2668.4
27.5°	5894.1	5818.5	5058.2	3386.3	2720.4	2611.7	2564.5	2545.6	2555.1	2569.2	2574.0
30°	6550.6	6371.1	5237.6	3211.5	2706.2	2545.6	2432.3	2380.3	2370.9	2389.8	2389.8
32.5°	7311.0	6923.7	5346.3	3187.9	2692.0	2427.5	2276.4	2177.2	2158.3	2167.8	2191.4
35°	8090.2	7589.6	5317.9	3249.3	2696.7	2333.1	2111.1	1978.9	1960.0	1969.4	1993.0
37.5°	8907.3	8222.5	5209.3	3343.8	2659.0	2205.6	1960.0	1799.4	1771.1	1790.0	1799.4
40°	9540.2	8756.2	4940.1	3381.6	2592.8	2045.0	1785.2	1648.3	1572.7	1568.0	1591.6
42.5°	10125.8	9176.5	4647.3	3320.2	2455.9	1875.0	1605.8	1468.8	1350.7	1261.0	1261.0
45°	10711.4	9601.5	4349.7	3145.4	2229.2	1695.5	1416.9	1232.7	1095.7	1029.6	1034.3
47.5°	11297.1	10012.4	3995.5	2880.9	2002.5	1506.6	1213.8	1067.4	972.9	921.0	921.0
50°	11840.2	10310.0	3542.1	2460.6	1742.7	1317.7	1072.1	987.1	916.2	869.0	859.6
52.5°	12317.2	10508.3	2928.2	1950.5	1459.4	1105.1	996.5	930.4	878.4	826.5	812.3
55°	*12402.2*	*10376.1*	*2451.2*	*1568.0*	*1204.3*	*991.8*	*939.8*	*883.2*	*812.3*	*788.7*	*774.5*
57.5°	11878.0	9677.1	2068.6	1322.4	1029.6	911.5	892.6	826.5	769.8	746.2	732.0
60°	10985.3	8406.7	1709.7	1133.5	916.2	835.9	859.6	793.4	703.7	689.5	675.4
62.5°	9379.6	6560.0	1364.9	954.0	831.2	779.3	802.9	708.4	632.9	614.0	609.2
65°	7292.1	4694.5	1147.7	840.7	765.1	722.6	713.1	628.1	571.5	557.3	557.3
67.5°	5091.2	2984.8	958.7	769.8	680.1	651.8	647.0	590.4	552.6	538.4	538.4
70°	3117.1	1808.9	807.6	703.7	599.8	547.9	580.9	571.5	514.8	500.6	495.9
72.5°	1619.9	1081.5	708.4	647.0	505.3	467.6	519.5	524.2	477.0	495.9	491.2
75°	939.8	750.9	618.7	571.5	401.4	392.0	453.4	500.6	462.8	477.0	467.6
77.5°	538.4	481.7	477.0	467.6	316.4	321.2	406.2	448.7	396.7	410.9	377.8
80°	297.5	311.7	330.6	292.8	222.0	250.3	325.9	358.9	302.3	297.5	273.9
82.5°	155.9	193.6	222.0	188.9	127.5	151.1	222.0	222.0	193.6	184.2	179.5
85°	70.8	80.3	103.9	94.5	47.2	56.7	103.9	113.3	99.2	89.7	85.0
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	9.4	14.2	4.7	4.7	4.7
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

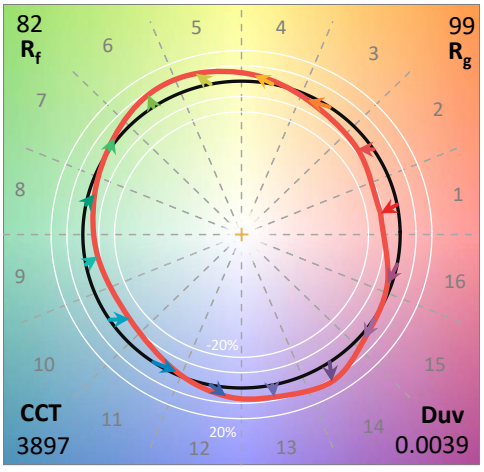
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

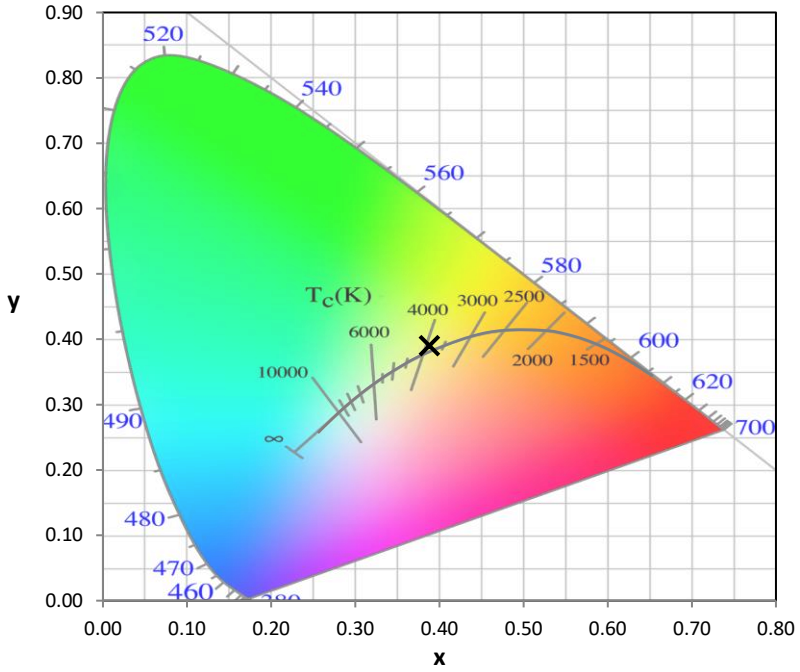
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

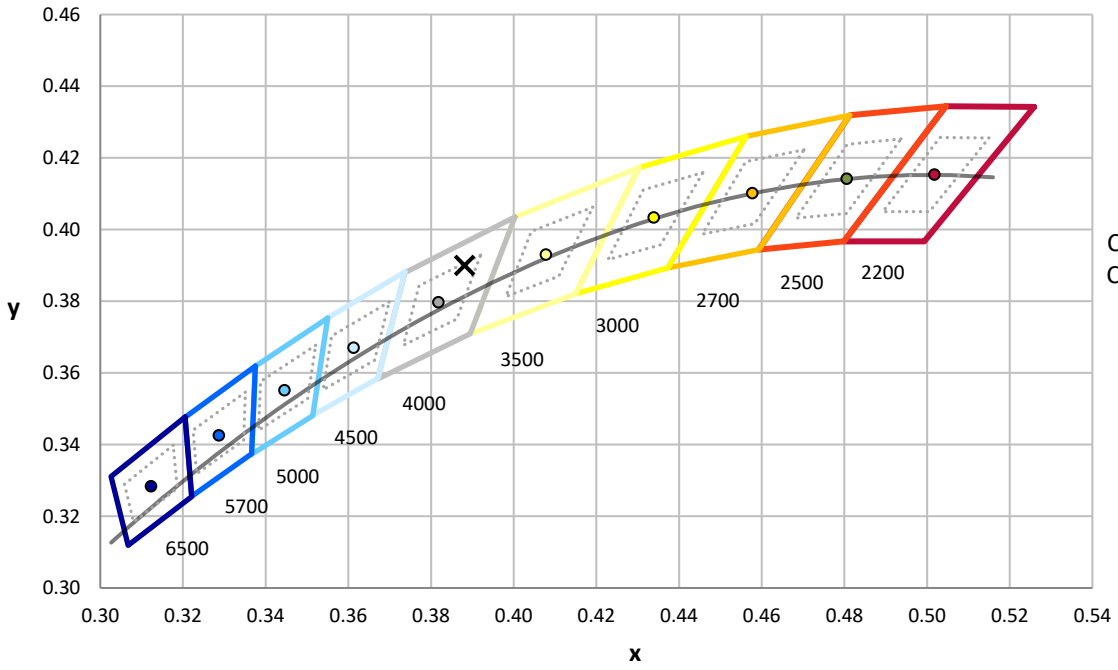
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

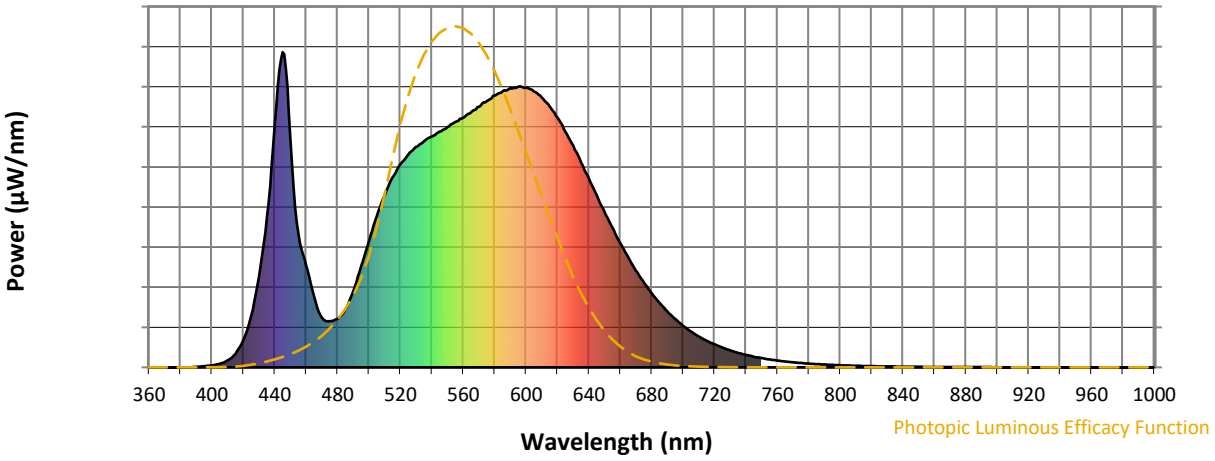


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

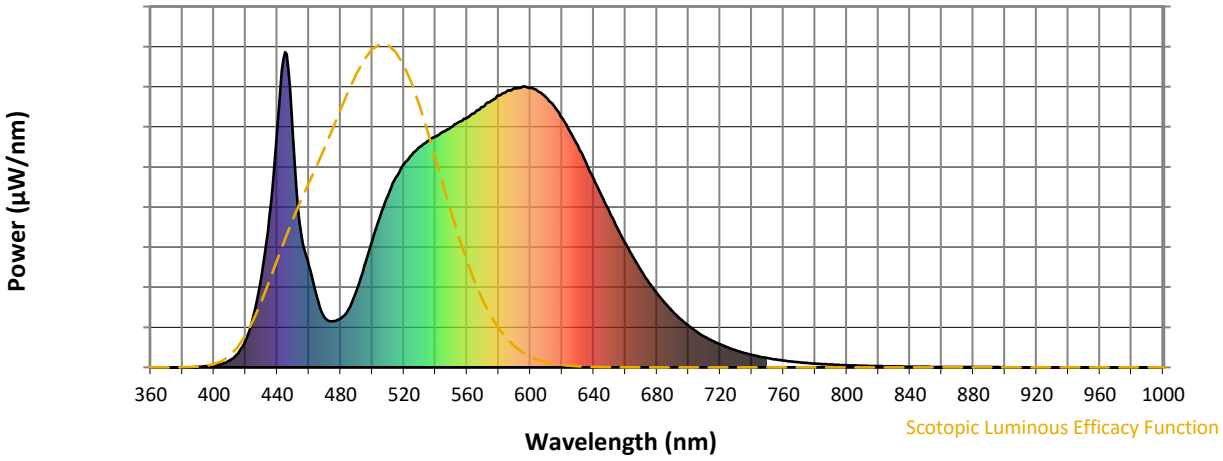


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

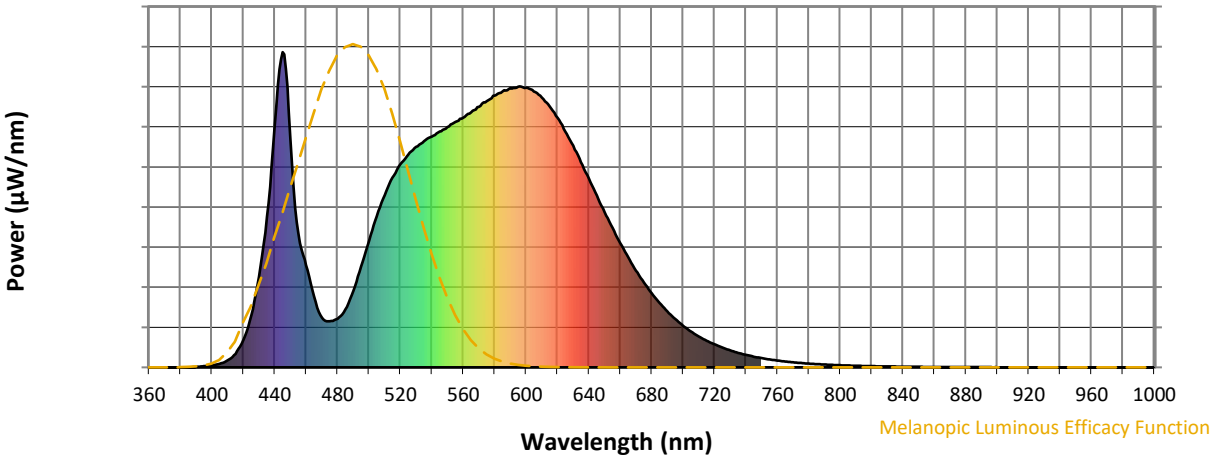


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

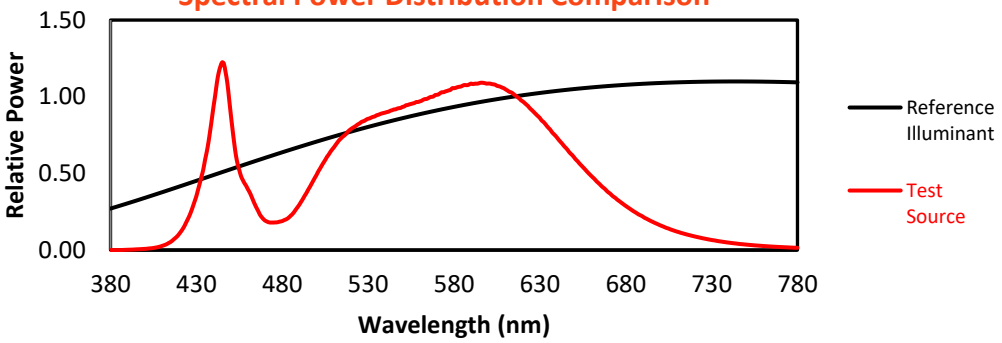
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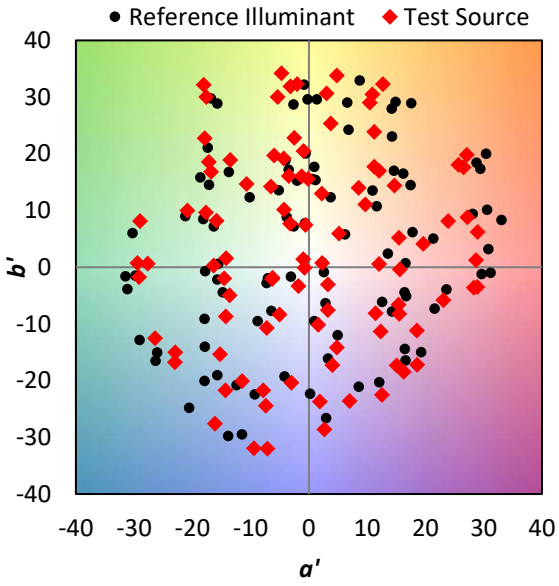
Summary

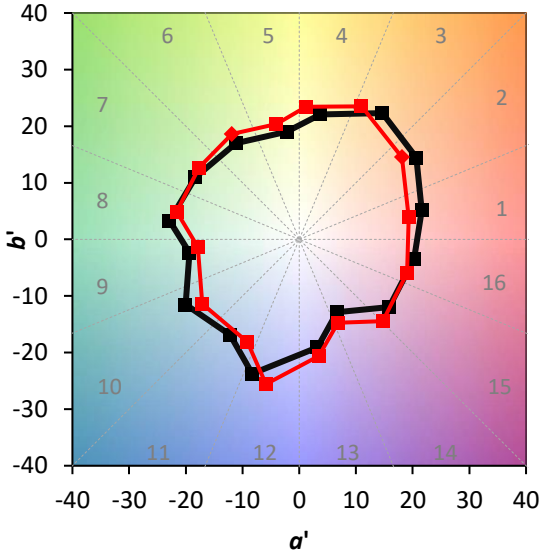
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

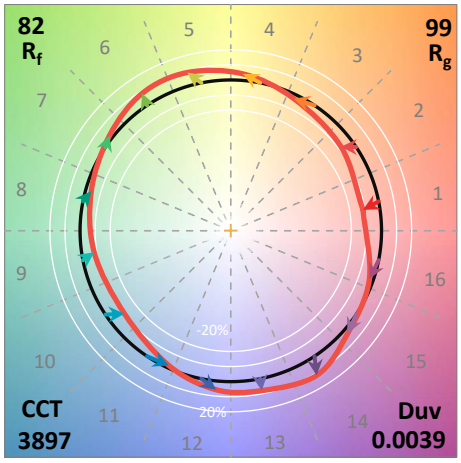
Spectral Power Distribution Comparison

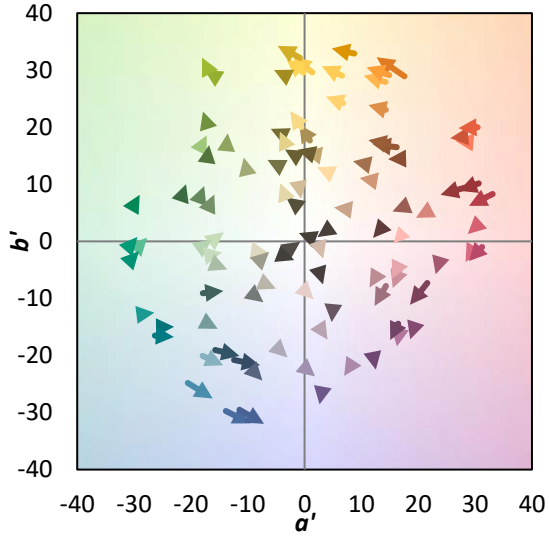


Color Vector Graphics







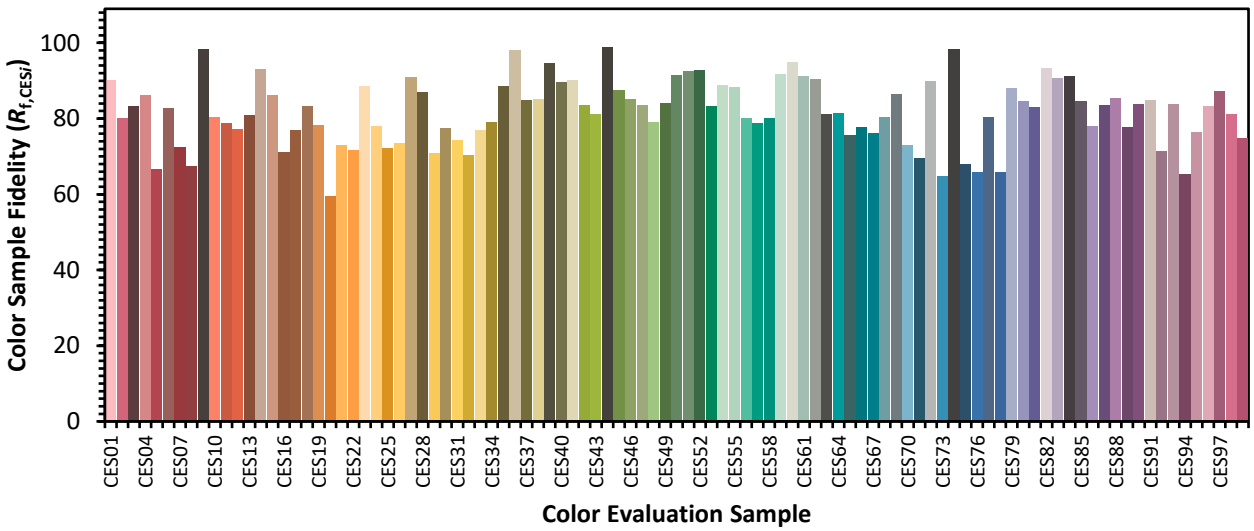


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Individual Sample Fidelity Index ($R_{f,i}$)

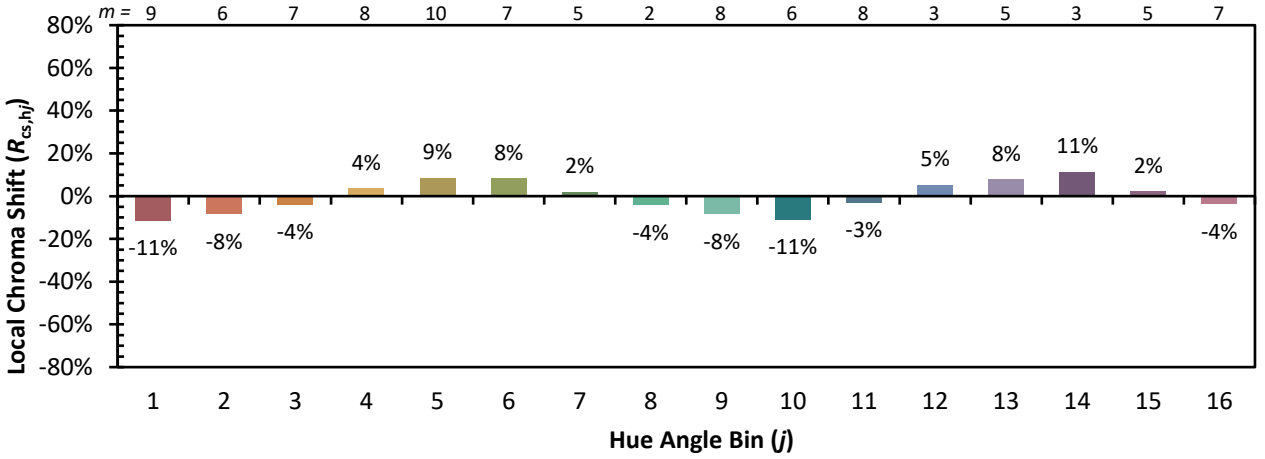
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

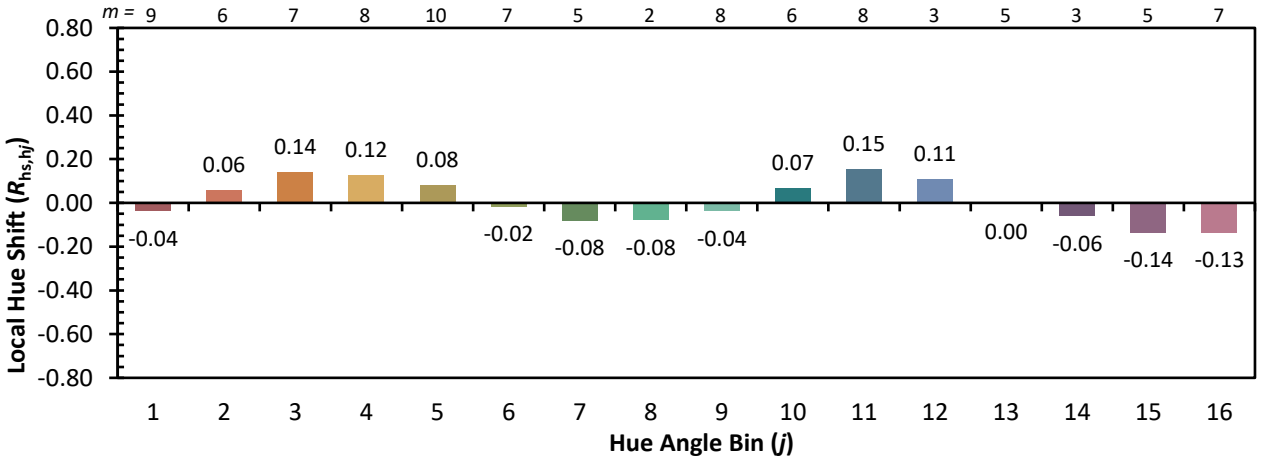


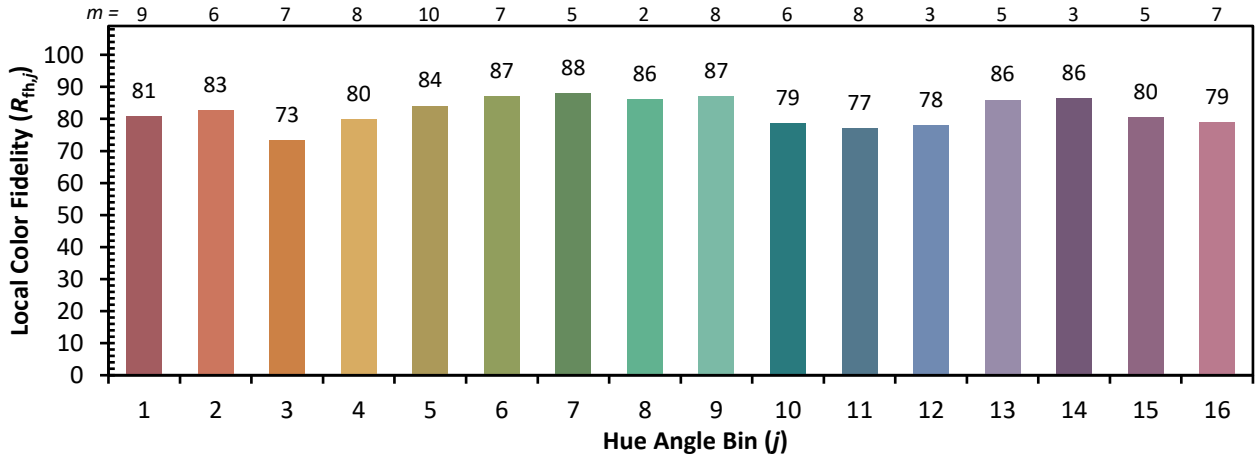
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Color Rendition by Hue-Angle Bin



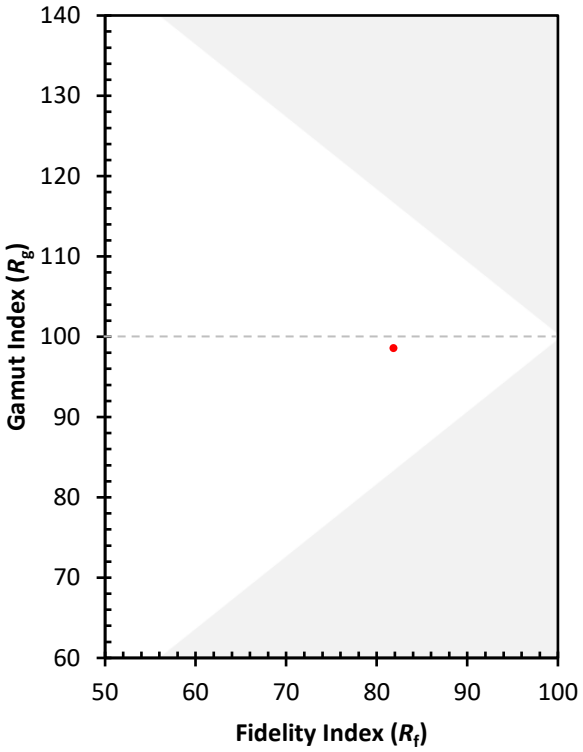


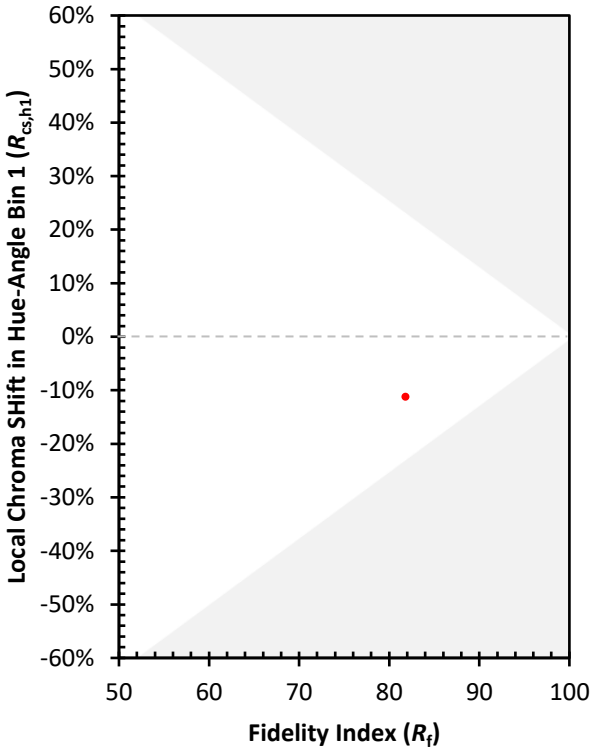


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Measure Comparisons





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