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: P1501149

Luminaire Tested: GSS-SB5A-830-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:	P1501149
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19957.9 lumens
Efficiency:	N/A
Efficacy:	139.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

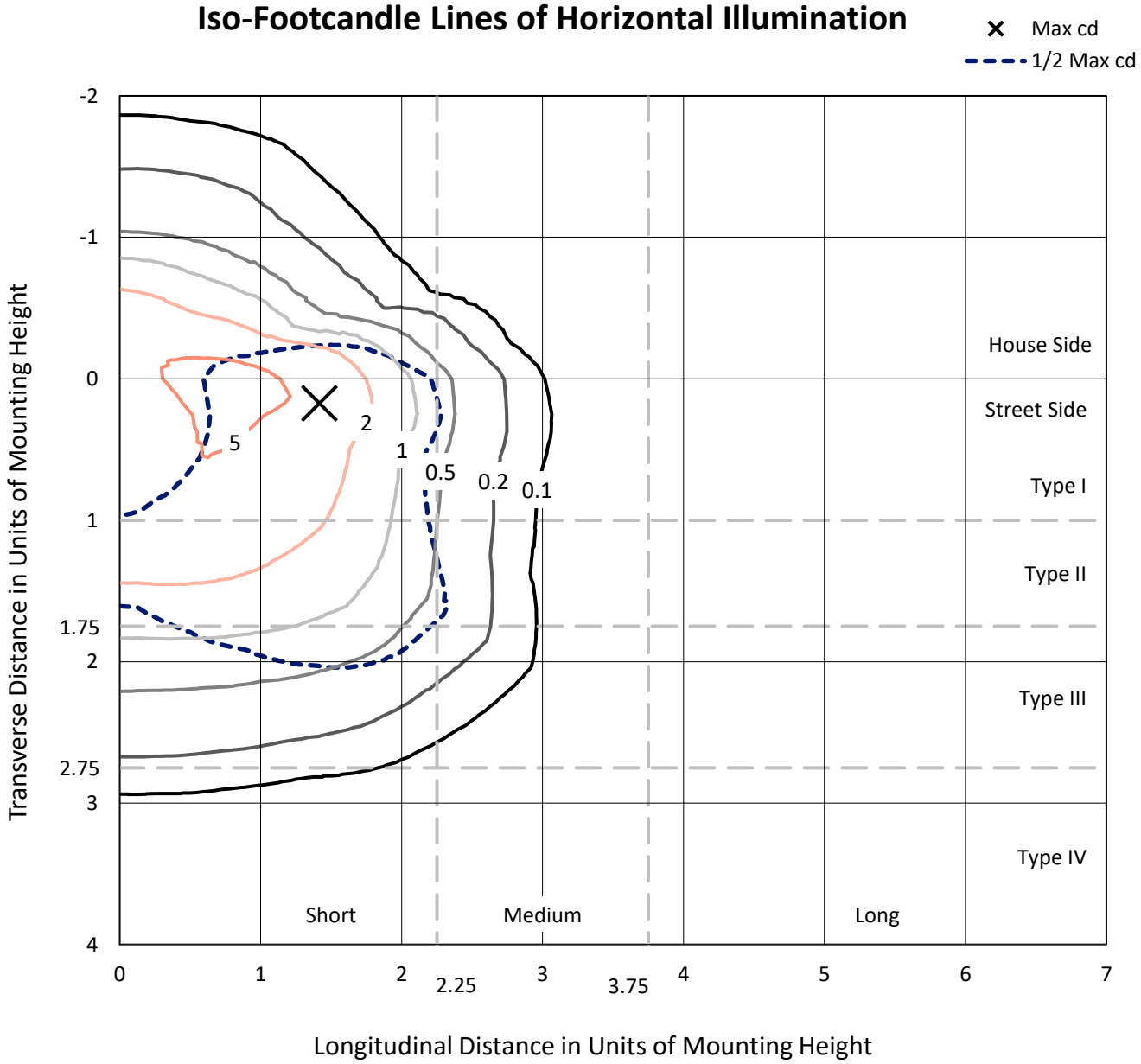
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501149
CATALOG NUMBER: GSS-SB5A-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



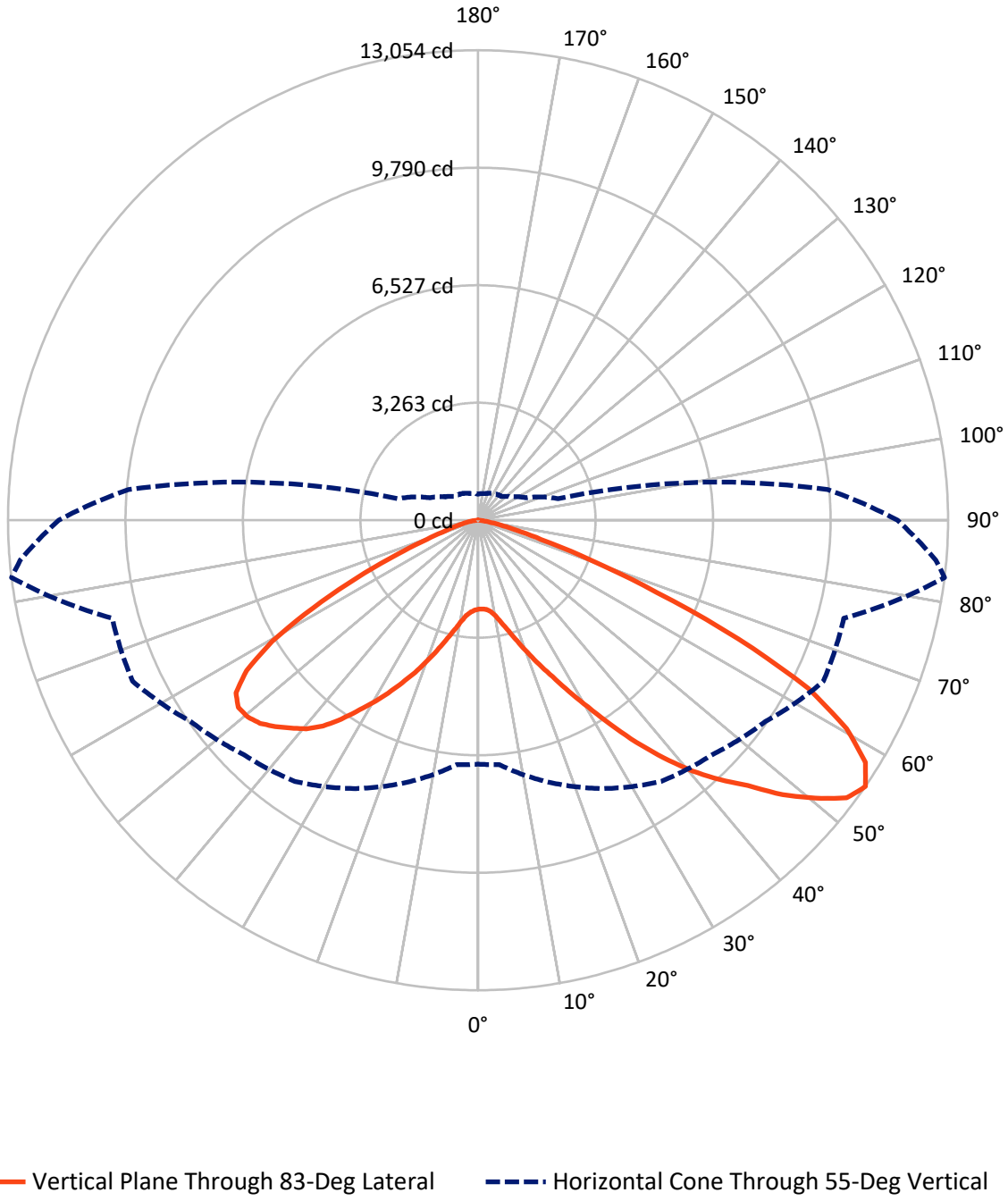
Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1501149
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Luminous Intensity Polar Plot



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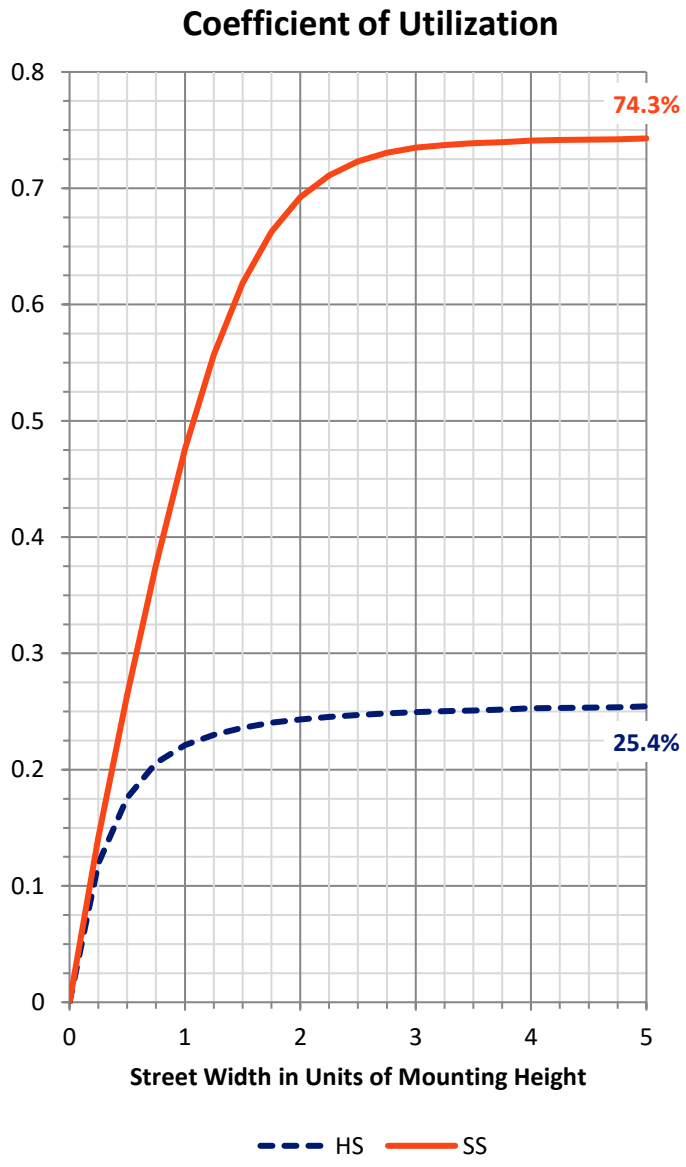
REPORT NUMBER: P1501149
CATALOG NUMBER: GSS-SB5A-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5121.6	0.0	5121.6
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	14836.3	0.0	14836.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	19957.9	0.0	19957.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.7	1.2
10°-20°	777.6	3.9
20°-30°	1556.8	7.8
30°-40°	2769.9	13.9
40°-50°	4174.1	20.9
50°-60°	5086.4	25.5
60°-70°	4113.1	20.6
70°-80°	1126.5	5.6
80°-90°	114.7	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°	19957.9	100.0
0°-180°	19957.9	100.0



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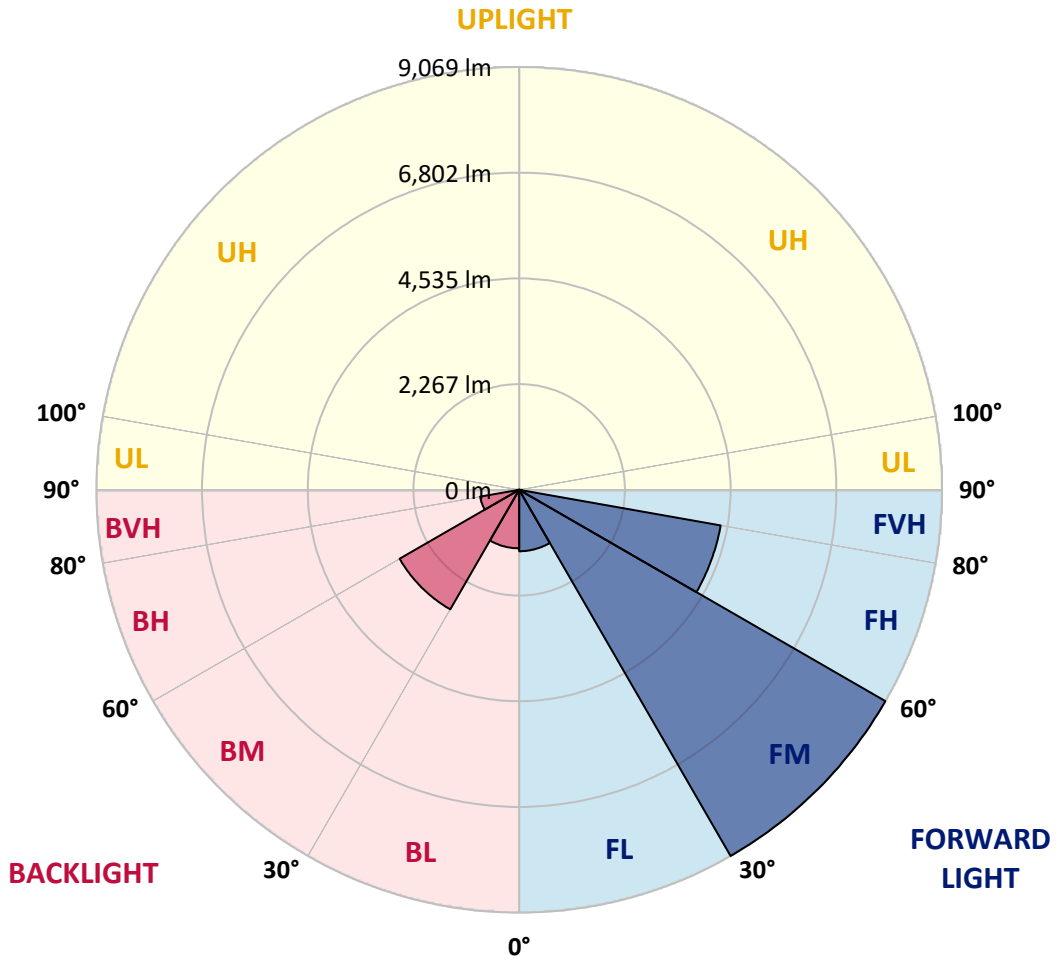
Scaled Data Report

REPORT NUMBER: P1501149
CATALOG NUMBER: GSS-SB5A-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1317.8	6.6			
FM	(30°-60°)	9069.5	45.4			
FH	(60°-80°)	4389.3	22.0			G2/5000
FVH	(80°-90°)	59.8	0.3			G1/100
BL	(0°-30°)	1255.4	6.3	B3/2500		
BM	(30°-60°)	2960.9	14.8	B3/5000		
BH	(60°-80°)	850.3	4.3	B2/1000		G2/1000
BVH	(80°-90°)	55.0	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°	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	*2470.6*	2470.6
2.5°	2399.6	2395.2	2390.7	2386.3	2395.2	2408.5	2421.8	2430.7	2452.8	*2470.6*	2461.7
5°	2208.9	2200.0	2208.9	2244.4	2275.4	2328.6	2381.9	2417.4	2466.1	*2488.3*	2497.2
7.5°	2040.3	2031.5	2040.3	2084.7	2137.9	2222.2	2333.1	2421.8	2510.5	*2563.7*	2572.6
10°	2040.3	2044.8	2044.8	2062.5	2089.1	2173.4	2306.5	2475.0	2630.3	*2705.7*	2723.4
12.5°	2106.9	2106.9	2106.9	2129.0	2146.8	2213.3	2364.1	2572.6	2821.0	*2931.9*	2945.2
15°	2195.6	2191.1	2204.4	2217.8	2248.8	2315.3	2466.1	2714.5	3029.5	*3198.0*	3215.7
17.5°	2319.8	2310.9	2324.2	2355.3	2399.6	2475.0	2625.8	2909.7	3317.8	*3530.7*	3557.3
20°	2457.3	2452.8	2479.4	2528.2	2590.3	2683.5	2856.5	3144.8	3646.0	*3916.6*	3965.3
22.5°	2621.4	2612.5	2661.3	2750.0	2834.3	2940.7	3149.2	3450.8	4023.0	*4346.8*	4395.6
25°	2807.7	2807.7	2874.2	2980.7	3109.3	3300.0	3508.5	3841.1	4466.6	*4812.5*	4887.9
27.5°	3113.7	3135.9	3162.5	3273.4	3455.3	3712.5	3934.3	4311.3	4950.0	*5384.7*	5411.3
30°	3610.5	3601.6	3646.0	3721.4	3872.2	4142.8	4475.4	4879.1	5562.1	*6019.0*	6085.5
32.5°	4058.5	4071.8	4133.9	4275.8	4457.7	4688.3	5087.5	5584.3	6227.5	*6755.3*	6786.3
35°	4510.9	4519.8	4639.5	4852.4	5123.0	5380.3	5814.9	6302.9	6950.4	*7575.8*	7660.1
37.5°	5145.2	5136.3	5256.1	5437.9	5801.6	6200.8	6551.2	7017.0	7642.4	*8374.2*	8471.8
40°	5619.8	5668.6	5894.8	6125.4	6467.0	6879.5	7176.6	7615.8	8210.1	*9154.9*	9243.6
42.5°	6107.7	6147.6	6449.2	6795.2	7154.5	7433.9	7664.6	8072.6	8662.5	*9846.8*	9895.6
45°	6511.3	6564.5	6910.5	7349.6	7722.2	8006.1	8085.9	8467.4	9123.8	*10512.1*	10587.6
47.5°	6768.6	6826.2	7234.3	7748.8	8130.3	8431.9	8405.3	8942.0	9616.2	*11394.8*	11368.2
50°	6946.0	6981.5	7425.0	7975.0	8471.8	8671.4	8786.7	9478.7	10121.8	*12135.5*	12038.0
52.5°	7074.6	7132.3	7535.9	8139.2	8662.5	8924.2	9234.7	10099.6	10472.2	*12814.2*	12596.8
55°	*6773.0*	*6817.4*	*7527.1*	*8223.4*	*8857.7*	*9203.7*	*9744.8*	*10583.1*	*10516.6*	*13053.7*	*12761.0*
57.5°	6462.5	6498.0	7154.5	8201.3	9070.6	9549.6	10325.9	10645.2	10121.8	*12685.5*	12317.4
60°	6072.2	6098.8	6755.3	7966.2	9075.0	9820.2	10623.0	10192.8	9390.0	*11758.5*	11408.1
62.5°	5353.7	5353.7	6076.6	7331.9	8853.3	9957.7	10543.2	9336.7	8409.7	*10299.2*	9815.8
65°	4644.0	4612.9	5100.8	6200.8	8263.3	9922.2	9944.4	8254.5	6888.3	*7944.0*	7567.0
67.5°	3872.2	3876.6	4164.9	5034.3	6693.2	9181.5	8680.3	6378.3	4799.2	*5349.2*	5154.1
70°	2621.4	2687.9	2980.7	3654.9	5047.6	6506.9	6910.5	4320.2	2994.0	*3322.2*	3162.5
72.5°	998.0	1011.3	1352.8	1916.1	3189.1	3912.1	4821.4	2417.4	1752.0	*1831.9*	1840.7
75°	421.4	439.1	576.6	807.3	1414.9	2133.5	2537.1	1224.2	1064.5	*1095.6*	1086.7
77.5°	283.9	292.7	350.4	434.7	638.7	856.1	1060.1	691.9	652.0	*612.1*	594.4
80°	212.9	212.9	252.8	292.7	359.3	439.1	461.3	350.4	390.3	*323.8*	314.9
82.5°	137.5	146.4	159.7	173.0	204.0	217.3	186.3	190.7	226.2	*168.5*	159.7
85°	66.5	71.0	75.4	79.8	79.8	75.4	66.5	84.3	115.3	*71.0*	66.5
87.5°	8.9	8.9	8.9	8.9	8.9	8.9	4.4	4.4	4.4	*4.4*	4.4
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: P1501149
CATALOG NUMBER: GSS-SB5A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6	2470.6
2.5°	2475.0	2492.8	2506.1	2514.9	2537.1	2532.7	2546.0	2554.9	2563.7	2577.0	2559.3
5°	2519.4	2550.4	2585.9	2612.5	2639.1	2652.4	2656.9	2665.7	2670.2	2679.0	2674.6
7.5°	2616.9	2652.4	2705.7	2732.3	2754.4	2754.4	2741.1	2736.7	2723.4	2732.3	2732.3
10°	2781.1	2834.3	2892.0	2896.4	2869.8	2838.7	2789.9	2763.3	2727.8	2719.0	2710.1
12.5°	3020.6	3091.5	3135.9	3104.9	3011.7	2896.4	2767.8	2648.0	2554.9	2514.9	2506.1
15°	3291.1	3379.9	3388.7	3300.0	3131.5	2852.0	2581.5	2448.4	2399.6	2399.6	2395.2
17.5°	3663.7	3725.8	3690.3	3477.4	3100.4	2643.6	2448.4	2426.2	2439.5	2457.3	2457.3
20°	4054.1	4125.0	3978.6	3601.6	2909.7	2519.4	2461.7	2479.4	2510.5	2528.2	2523.8
22.5°	4519.8	4555.3	4271.4	3606.1	2705.7	2488.3	2488.3	2510.5	2532.7	2559.3	2559.3
25°	4998.8	4985.5	4542.0	3442.0	2590.3	2479.4	2470.6	2488.3	2497.2	2510.5	2506.1
27.5°	5535.5	5464.5	4750.4	3180.3	2554.9	2452.8	2408.5	2390.7	2399.6	2412.9	2417.4
30°	6152.0	5983.5	4919.0	3016.1	2541.5	2390.7	2284.3	2235.5	2226.6	2244.4	2244.4
32.5°	6866.2	6502.5	5021.0	2994.0	2528.2	2279.9	2137.9	2044.8	2027.0	2035.9	2058.1
35°	7598.0	7127.9	4994.4	3051.6	2532.7	2191.1	1982.7	1858.5	1840.7	1849.6	1871.8
37.5°	8365.4	7722.2	4892.4	3140.3	2497.2	2071.4	1840.7	1689.9	1663.3	1681.1	1689.9
40°	8959.7	8223.4	4639.5	3175.8	2435.1	1920.6	1676.6	1548.0	1477.0	1472.6	1494.8
42.5°	9509.7	8618.2	4364.5	3118.2	2306.5	1760.9	1508.1	1379.4	1268.6	1184.3	1184.3
45°	10059.7	9017.4	4085.1	2954.0	2093.6	1592.3	1330.7	1157.7	1029.0	966.9	971.4
47.5°	10609.7	9403.3	3752.4	2705.7	1880.7	1414.9	1139.9	1002.4	913.7	864.9	864.9
50°	11119.8	9682.7	3326.6	2310.9	1636.7	1237.5	1006.9	927.0	860.5	816.1	807.3
52.5°	11567.8	9869.0	2750.0	1831.9	1370.6	1037.9	935.9	873.8	825.0	776.2	762.9
55°	*11647.6*	*9744.8*	*2302.0*	*1472.6*	*1131.1*	*931.5*	*882.7*	*829.4*	*762.9*	*740.7*	*727.4*
57.5°	11155.3	9088.4	1942.8	1241.9	966.9	856.1	838.3	776.2	723.0	700.8	687.5
60°	10317.0	7895.2	1605.7	1064.5	860.5	785.1	807.3	745.2	660.9	647.6	634.3
62.5°	8808.9	6160.9	1281.9	896.0	780.6	731.9	754.0	665.3	594.4	576.6	572.2
65°	6848.4	4408.9	1077.8	789.5	718.6	678.6	669.8	589.9	536.7	523.4	523.4
67.5°	4781.5	2803.2	900.4	723.0	638.7	612.1	607.7	554.4	519.0	505.6	505.6
70°	2927.4	1698.8	758.5	660.9	563.3	514.5	545.6	536.7	483.5	470.2	465.7
72.5°	1521.4	1015.7	665.3	607.7	474.6	439.1	487.9	492.3	448.0	465.7	461.3
75°	882.7	705.2	581.1	536.7	377.0	368.1	425.8	470.2	434.7	448.0	439.1
77.5°	505.6	452.4	448.0	439.1	297.2	301.6	381.5	421.4	372.6	385.9	354.8
80°	279.4	292.7	310.5	275.0	208.5	235.1	306.0	337.1	283.9	279.4	257.3
82.5°	146.4	181.9	208.5	177.4	119.8	141.9	208.5	208.5	181.9	173.0	168.5
85°	66.5	75.4	97.6	88.7	44.4	53.2	97.6	106.5	93.1	84.3	79.8
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	8.9	13.3	4.4	4.4	4.4
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

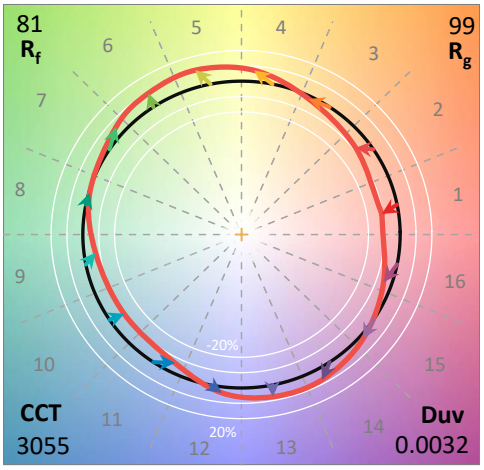
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

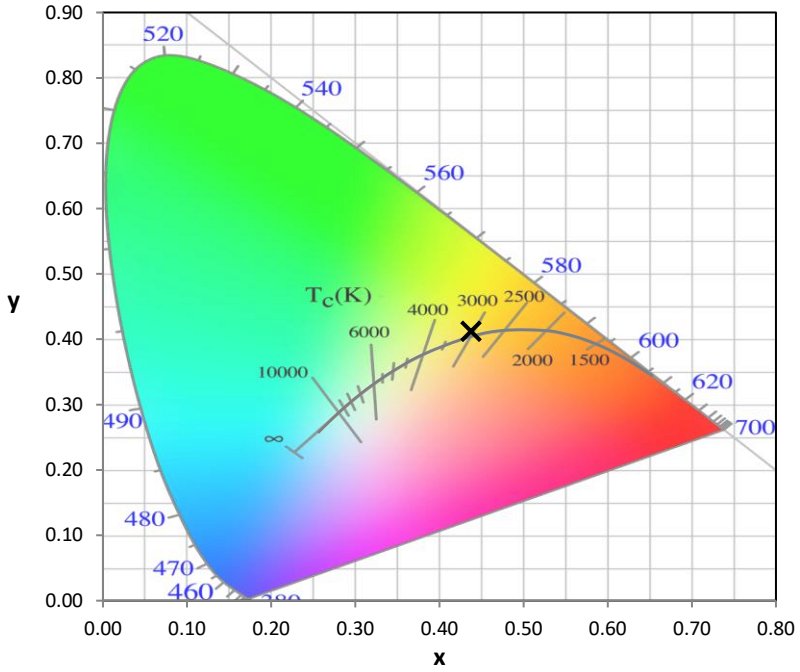
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

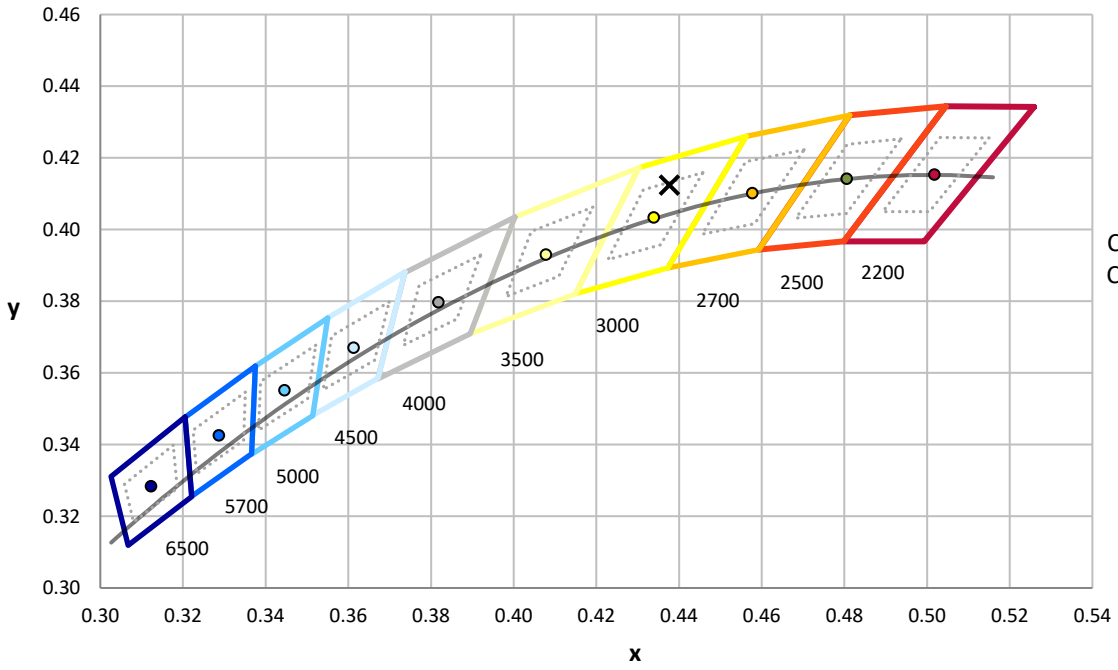
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

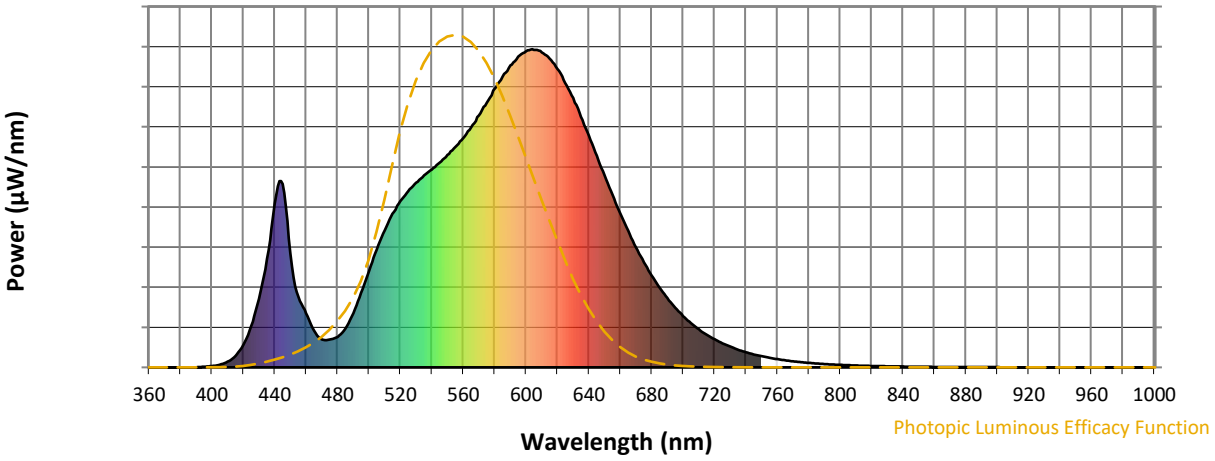


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

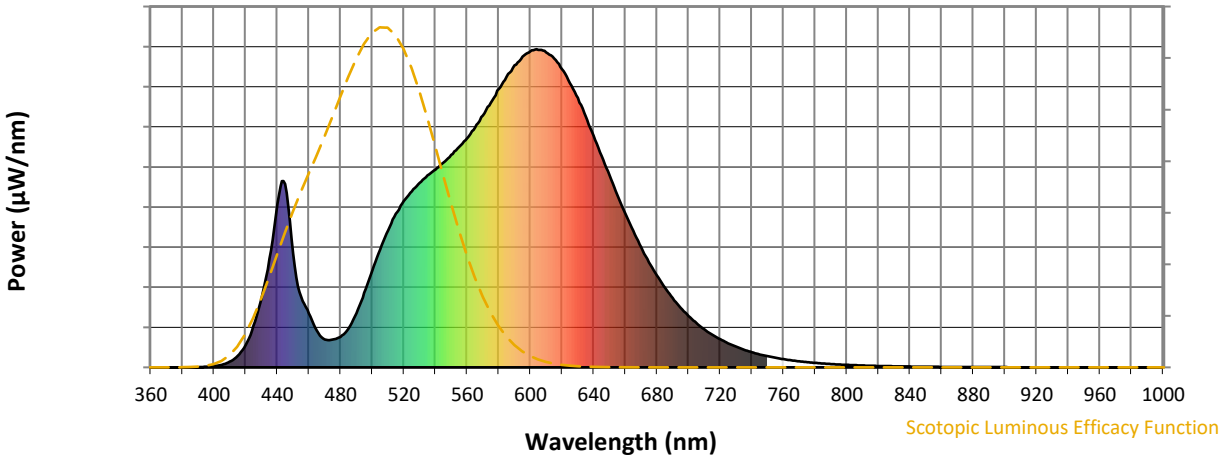


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

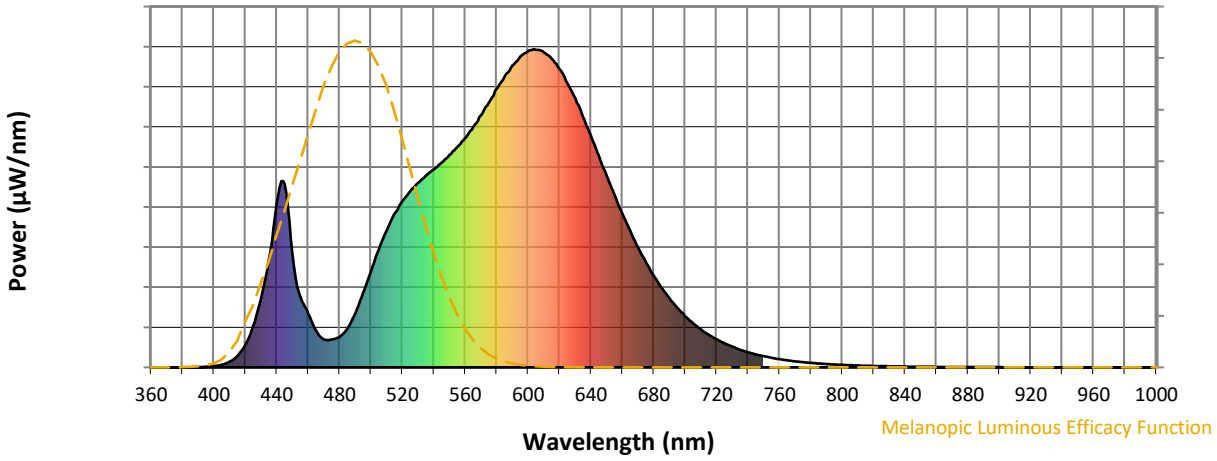


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

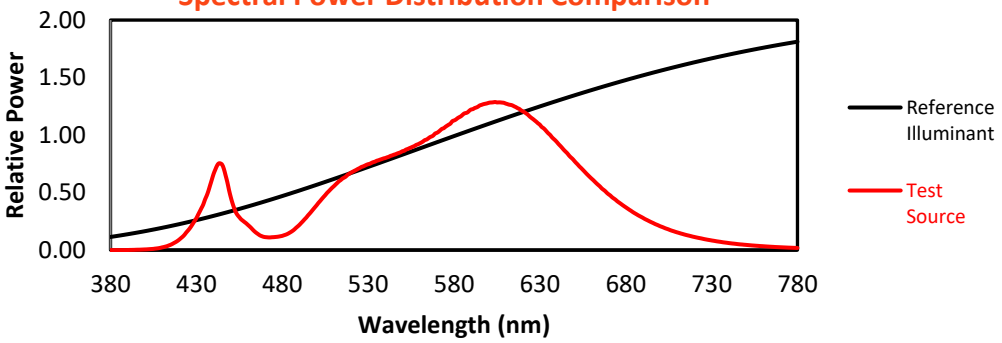
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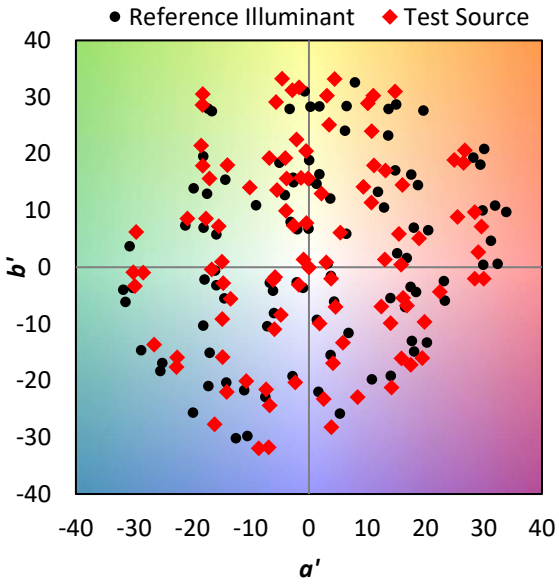
Summary

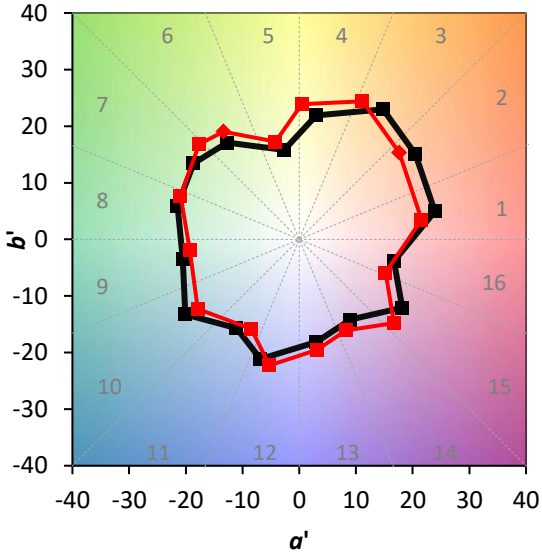
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

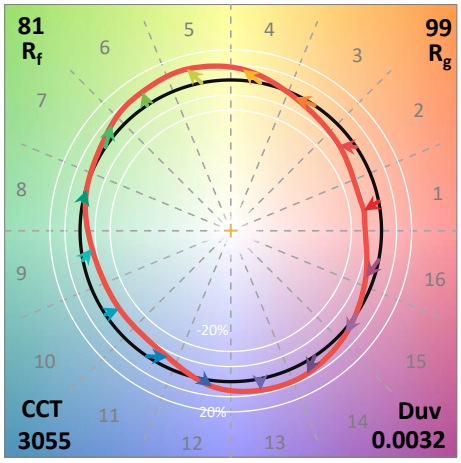
Spectral Power Distribution Comparison

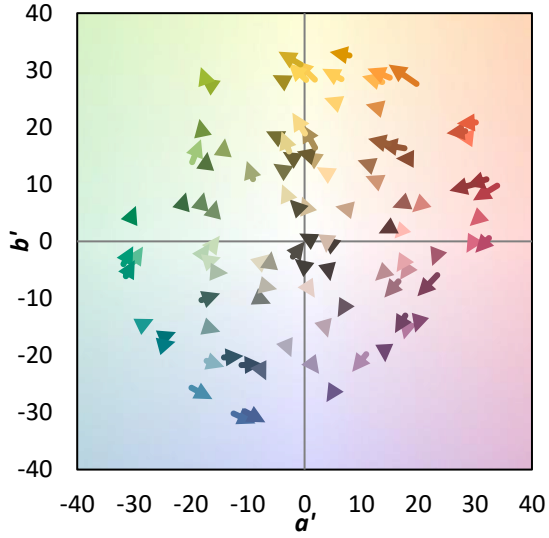


Color Vector Graphics







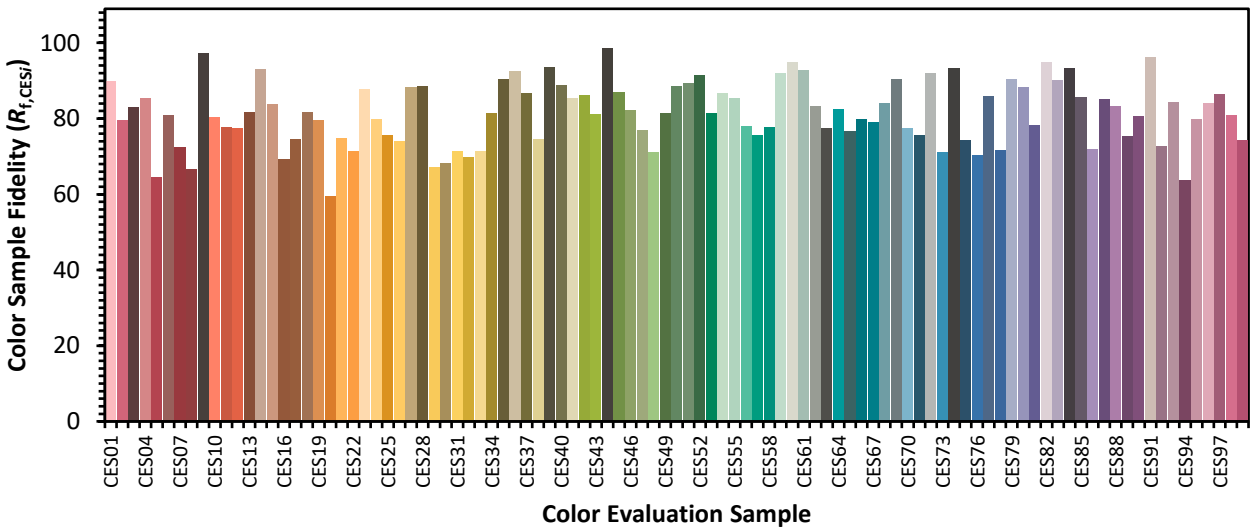


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Individual Sample Fidelity Index ($R_{f,i}$)

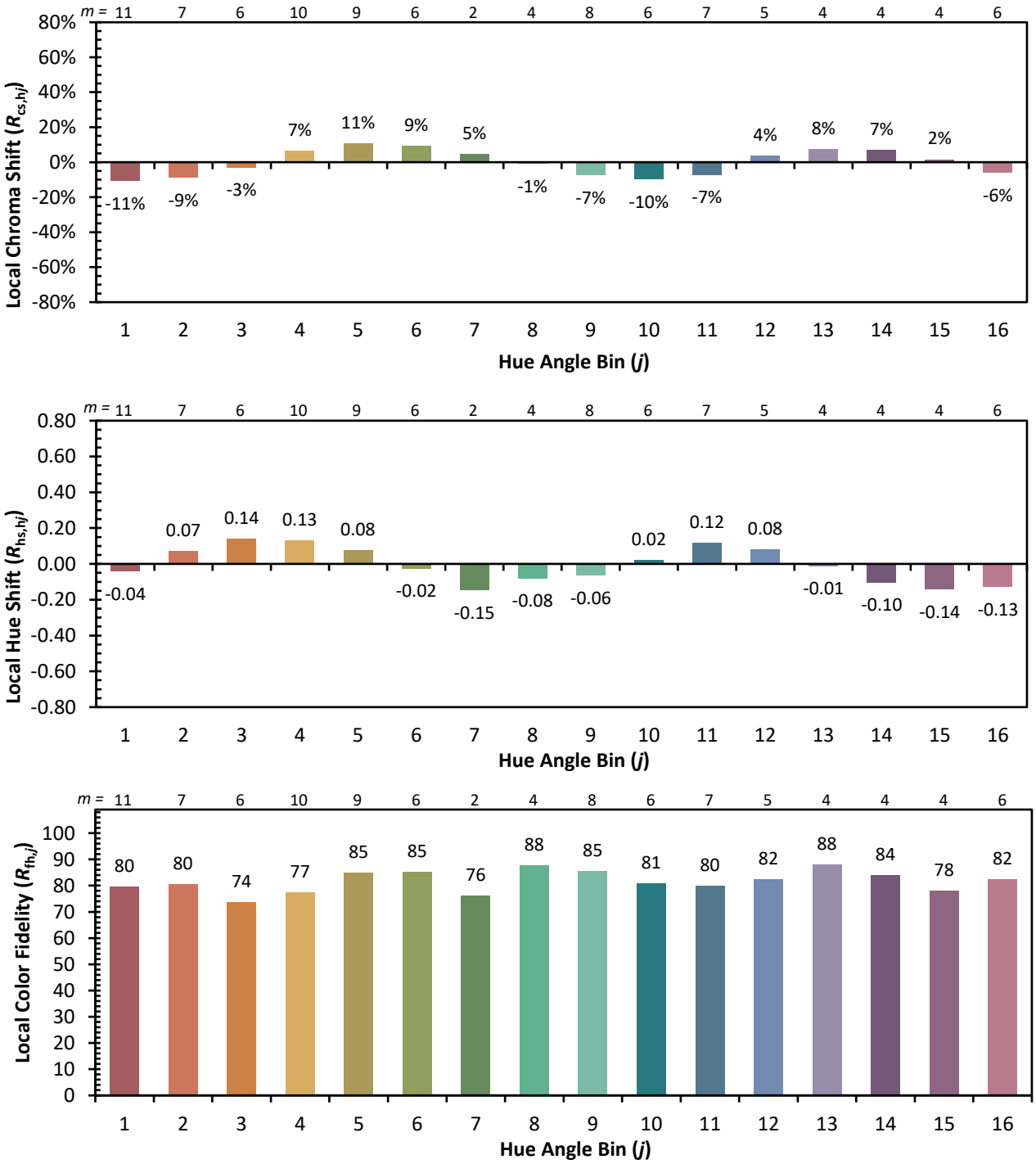
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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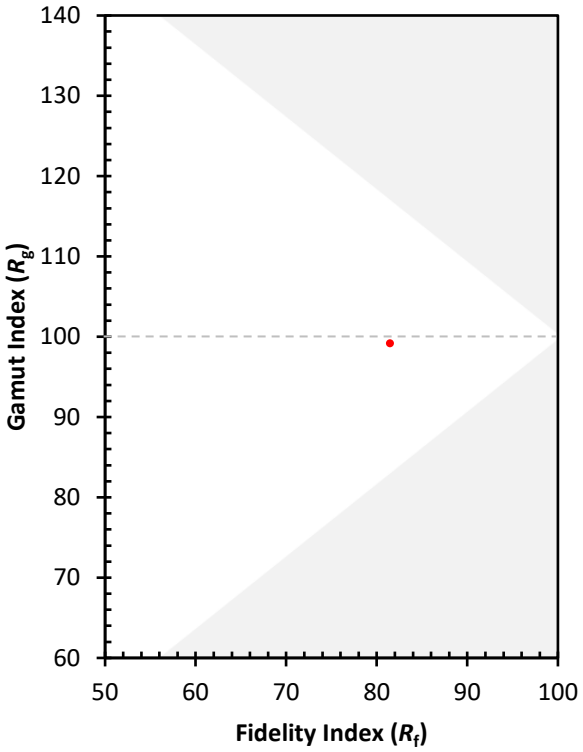
Color Rendition by Hue-Angle Bin

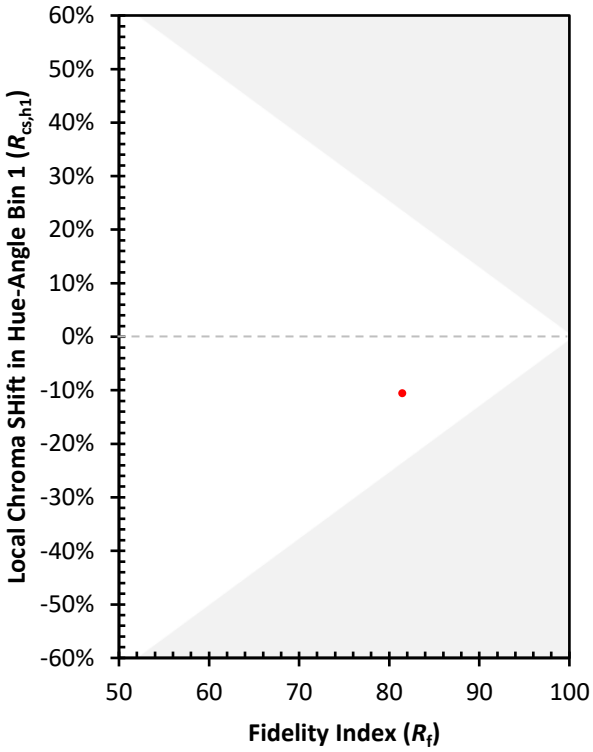


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Measure Comparisons





(END OF REPORT)