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: P1203871

Luminaire Tested: GWC-SB2D-830-U-T4FT

Issue Date: 10/30/2025

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:	P1203871
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18069 lumens
Efficiency:	N/A
Efficacy:	122.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

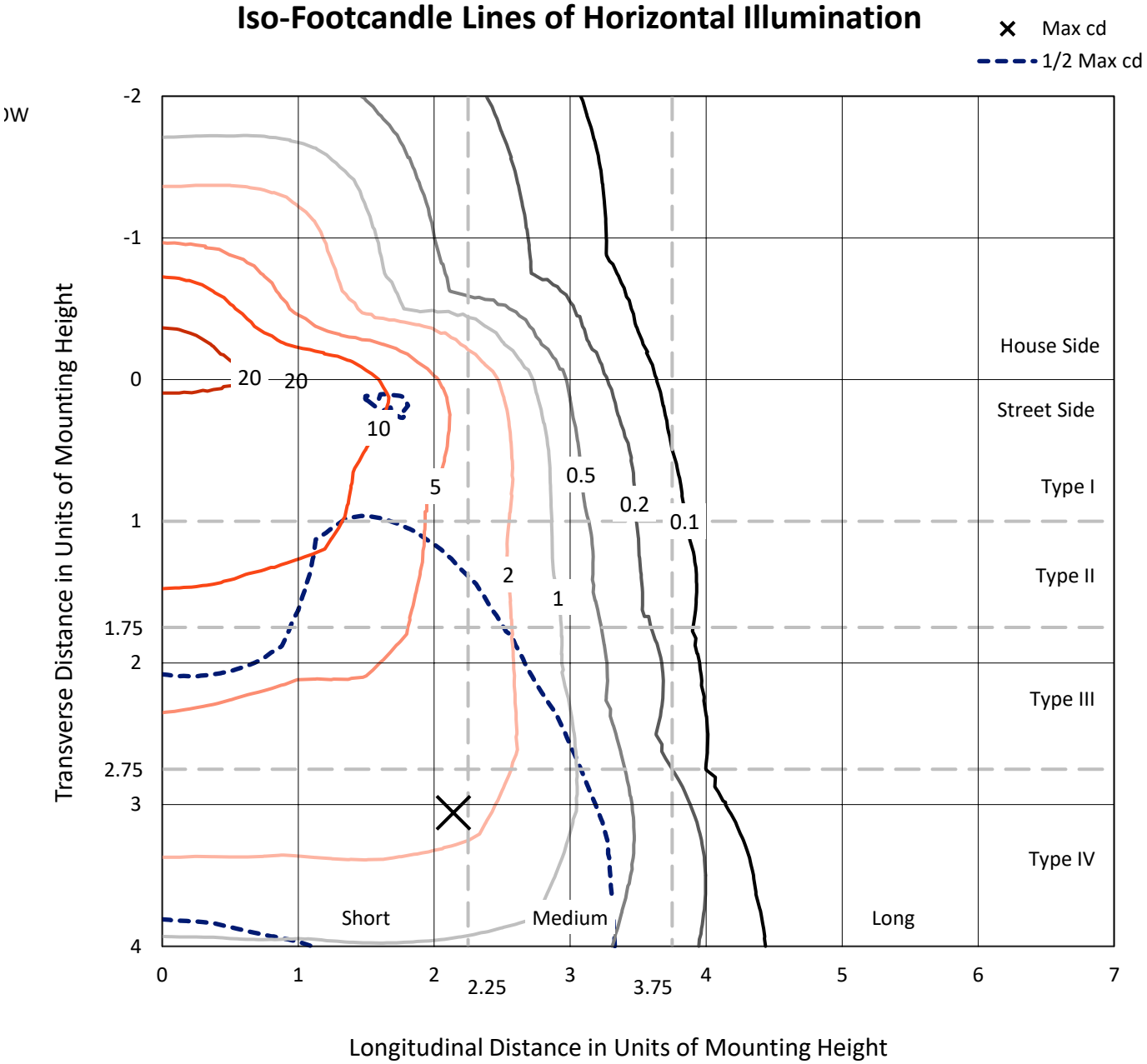


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Scaled Data Report

REPORT NUMBER: P1203871
CATALOG NUMBER: GWC-SB2D-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



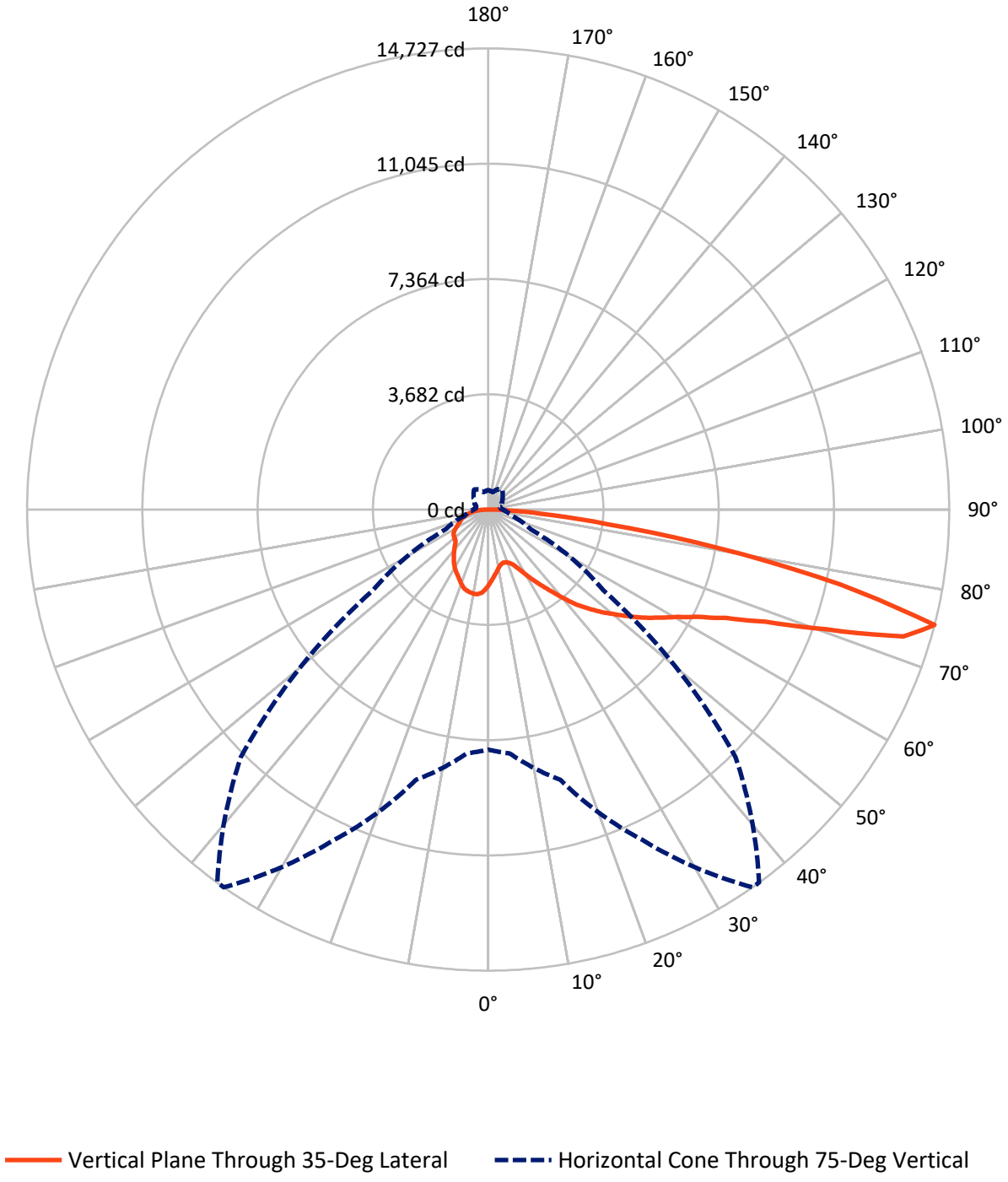
Based on 10 foot mounting height. Maximum calculated value = 20.1 fc
Type IV - Short - N/A

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REPORT NUMBER: P1203871
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Luminous Intensity Polar Plot



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Scaled Data Report

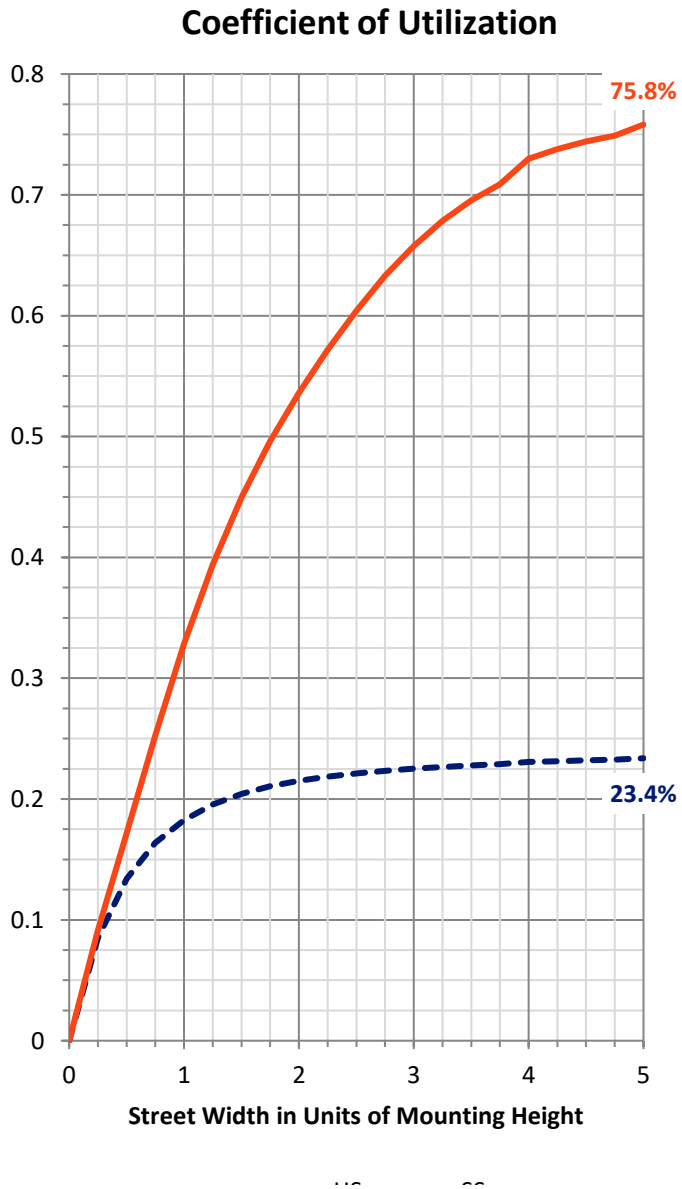
REPORT NUMBER: P1203871
CATALOG NUMBER: GWC-SB2D-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4300.0	0.0	4300.0
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	13769.0	0.0	13769.0
	% Fixture	76.2	0.0	76.2
Total	Lumens	18069.0	0.0	18069.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.0	1.3
10°-20°	657.6	3.6
20°-30°	1104.2	6.1
30°-40°	1716.1	9.5
40°-50°	2547.2	14.1
50°-60°	3516.6	19.5
60°-70°	4266.4	23.6
70°-80°	3525.8	19.5
80°-90°	507.1	2.8
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°	18069.0	100.0
0°-180°	18069.0	100.0



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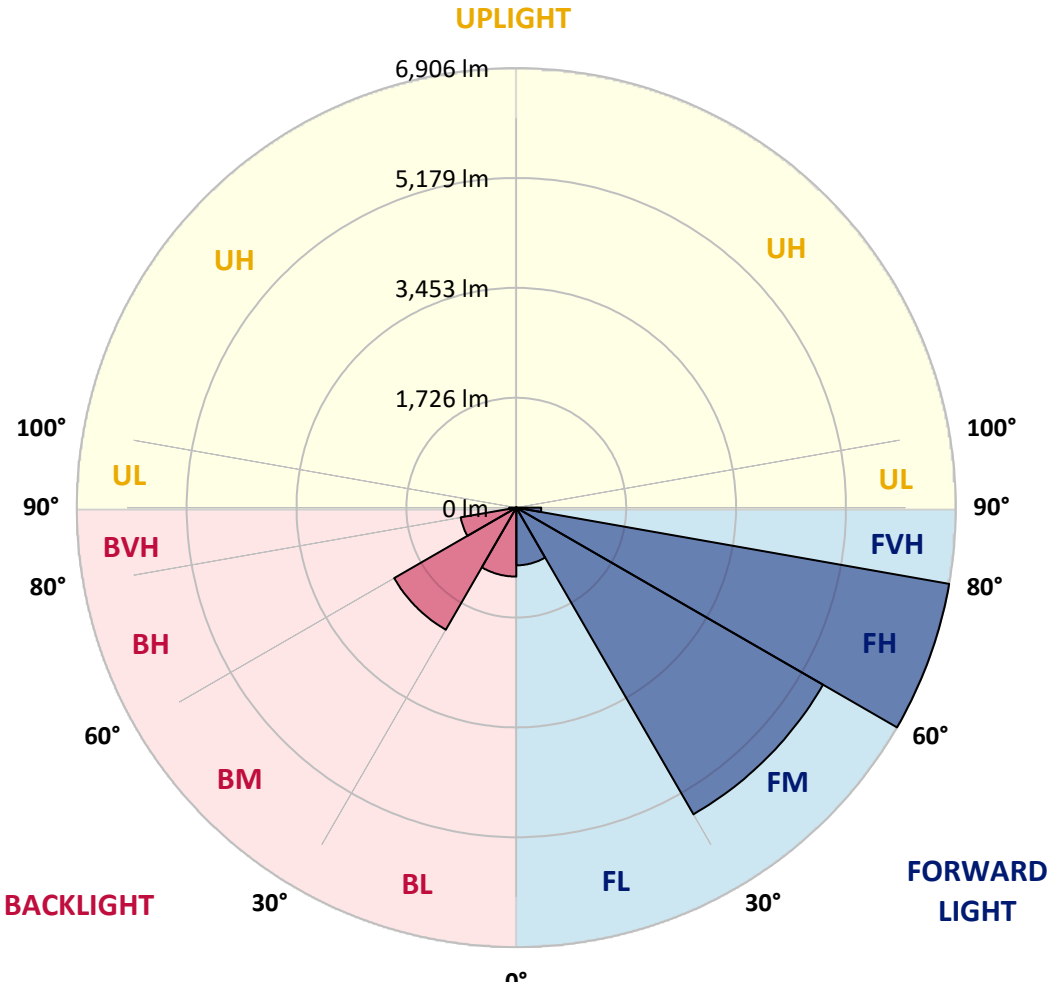
Scaled Data Report

REPORT NUMBER: P1203871
CATALOG NUMBER: GWC-SB2D-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	906.1	5.0			
FM	(30°-60°)	5564.3	30.8			
FH	(60°-80°)	6905.7	38.2			G3/7500
FVH	(80°-90°)	392.9	2.2			G3/500
BL	(0°-30°)	1083.7	6.0	B3/2500		
BM	(30°-60°)	2215.6	12.3	B2/2500		
BH	(60°-80°)	886.5	4.9	B2/1000		G2/1000
BVH	(80°-90°)	114.2	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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REPORT NUMBER: P1203871
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	2407.8	2407.8	2407.8	2407.8	*2407.8*	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8
2.5°	2220.3	2233.9	2239.8	2236.9	*2251.5*	2249.6	2270.1	2295.5	2330.6	2364.8	2414.7
5°	2049.3	2064.0	2076.7	2088.4	*2116.7*	2125.5	2157.8	2206.6	2271.1	2336.5	2418.6
7.5°	1890.1	1902.8	1922.3	1943.8	*1991.7*	2000.5	2054.2	2130.4	2220.3	2316.0	2429.3
10°	1760.2	1772.9	1793.4	1817.8	*1877.4*	1888.2	1956.5	2058.1	2175.3	2296.5	2441.0
12.5°	1704.5	1708.4	1720.1	1744.6	*1796.3*	1803.2	1878.4	1994.6	2131.4	2281.8	2458.6
15°	1701.6	1709.4	1710.4	1723.1	*1766.1*	1769.0	1838.3	1953.6	2104.0	2278.9	2485.0
17.5°	1730.9	1736.8	1728.0	1735.8	*1771.9*	1776.8	1831.5	1934.1	2095.2	2291.6	2529.9
20°	1809.0	1813.9	1787.5	1776.8	*1803.2*	1807.1	1860.8	1946.8	2104.0	2318.0	2591.5
22.5°	1975.1	1978.0	1913.6	1869.6	*1871.6*	1873.5	1920.4	1998.5	2138.2	2365.8	2669.6
25°	2233.9	2232.0	2129.4	2044.4	*1995.6*	1984.9	2016.1	2082.5	2195.9	2429.3	2770.2
27.5°	2536.8	2522.1	2419.5	2292.6	*2186.1*	2170.5	2163.6	2191.9	2277.9	2513.3	2893.3
30°	2878.6	2865.0	2754.6	2588.5	*2441.0*	2415.6	2351.2	2336.5	2400.0	2627.6	3064.2
32.5°	3253.7	3244.9	3113.1	2911.8	*2714.5*	2685.2	2576.8	2537.7	2587.5	2800.5	3302.6
35°	3568.3	3560.4	3451.0	3244.0	*3002.7*	2966.5	2856.2	2812.2	2837.6	3022.2	3614.2
37.5°	3852.5	3848.6	3754.8	3591.7	*3342.6*	3298.7	3174.6	3160.0	3155.1	3314.3	3992.2
40°	4116.2	4106.5	4008.8	3922.8	*3738.2*	3698.2	3588.8	3576.1	3539.0	3673.8	4420.0
42.5°	4408.3	4382.9	4241.3	4201.2	*4151.4*	4118.2	4052.8	4054.7	3972.7	4079.1	4873.3
45°	4646.6	4632.0	4486.5	4463.0	*4516.7*	4503.1	4559.7	4574.4	4415.1	4504.0	5344.1
47.5°	4902.6	4888.9	4765.8	4749.2	*4894.8*	4898.7	5098.9	5103.8	4846.9	4945.5	5815.9
50°	5218.1	5198.5	5076.4	5097.0	*5260.1*	5274.7	5641.0	5607.8	5244.4	5393.9	6283.8
52.5°	5426.1	5437.9	5411.5	5444.7	*5667.4*	5681.1	6174.4	6089.4	5638.1	5836.4	6742.9
55°	5579.5	5602.9	5685.0	5761.2	*6097.2*	6110.9	6677.4	6547.5	5964.4	6246.6	7174.6
57.5°	5776.8	5743.6	5897.0	6045.4	*6505.5*	6541.6	7166.8	6989.0	6253.5	6600.2	7470.6
60°	6060.1	6036.6	6155.8	6375.6	*6962.6*	7020.3	7684.5	7386.6	6465.5	6880.6	7528.2
62.5°	6634.4	6575.8	6594.4	6788.8	*7539.0*	7615.1	8268.6	7733.3	6570.9	6990.0	7219.5
65°	7493.0	7392.4	7298.7	7433.5	*8350.7*	8425.9	8928.0	8005.9	6531.9	6778.0	6400.0
67.5°	8574.4	8474.7	8359.5	8486.5	*9546.3*	9605.9	9741.6	8159.2	6224.2	5961.4	4951.4
70°	9466.2	9429.1	9566.8	10089.4	*11455.9*	11457.9	10784.9	8032.2	5381.2	4226.6	2865.0
72.5°	9348.0	9325.5	10051.3	11666.9	*13862.8*	13811.0	11772.4	7071.1	3624.9	1906.7	1073.5
75°	*7668.9*	*7814.4*	*8938.7*	*11638.6*	*14727.2*	*14720.4*	*11167.8*	*4495.2*	*1499.4*	*790.2*	*554.8*
77.5°	4112.3	4342.9	5803.2	8592.9	*11497.0*	11669.9	7851.5	1572.7	643.7	506.0	383.9
80°	1341.1	1542.4	2313.1	4375.1	*7470.6*	7438.3	3365.1	617.3	440.5	358.5	265.7
82.5°	569.5	592.9	1033.5	2065.9	*3833.9*	3774.4	1071.6	354.6	309.6	245.2	164.1
85°	222.7	249.1	456.2	955.3	*1660.6*	1624.4	386.8	175.8	198.3	160.2	97.7
87.5°	73.3	88.9	163.1	327.2	*516.7*	498.2	94.7	60.6	86.0	73.3	35.2
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: P1203871
CATALOG NUMBER: GWC-SB2D-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8	2407.8
2.5°	2428.3	2444.0	2462.5	2489.9	2513.3	2532.8	2553.4	2566.1	2570.9	2585.6	2584.6
5°	2445.9	2480.1	2526.0	2570.9	2614.9	2641.3	2664.7	2676.4	2687.2	2695.0	2696.9
7.5°	2475.2	2519.2	2591.5	2650.1	2687.2	2708.7	2724.3	2720.4	2724.3	2726.3	2729.2
10°	2500.6	2562.2	2648.1	2703.8	2732.1	2733.1	2729.2	2715.5	2708.7	2709.6	2711.6
12.5°	2530.9	2599.3	2692.1	2739.0	2746.8	2725.3	2708.7	2685.2	2676.4	2672.5	2670.6
15°	2571.9	2650.1	2739.9	2757.5	2738.0	2710.6	2682.3	2644.2	2624.7	2609.0	2613.9
17.5°	2621.7	2707.7	2777.0	2764.3	2722.3	2677.4	2631.5	2573.9	2533.8	2517.2	2518.2
20°	2691.1	2768.3	2805.4	2749.7	2686.2	2617.8	2539.7	2469.4	2432.2	2415.6	2413.7
22.5°	2775.1	2849.3	2832.7	2724.3	2634.4	2525.0	2427.4	2375.6	2357.0	2345.3	2347.3
25°	2875.7	2939.2	2852.3	2687.2	2549.5	2402.0	2326.7	2310.1	2301.3	2292.6	2292.6
27.5°	3006.6	3040.8	2866.9	2632.5	2416.6	2271.1	2243.7	2246.6	2243.7	2229.1	2232.0
30°	3179.5	3172.7	2880.6	2543.6	2264.2	2152.9	2154.8	2167.5	2169.5	2159.7	2164.6
32.5°	3407.1	3337.7	2887.4	2428.3	2118.7	2049.3	2051.3	2065.0	2074.7	2058.1	2065.9
35°	3682.5	3530.2	2876.7	2283.8	2006.4	1950.7	1936.0	1939.9	1942.9	1927.2	1938.0
37.5°	4003.9	3746.0	2828.8	2123.6	1913.6	1854.0	1822.7	1796.3	1780.7	1766.1	1775.8
40°	4356.5	3981.4	2740.9	1967.3	1810.0	1751.4	1704.5	1654.7	1602.0	1582.4	1591.2
42.5°	4725.8	4223.7	2634.4	1817.8	1690.8	1643.0	1593.2	1520.9	1441.8	1401.7	1406.6
45°	5108.7	4471.8	2529.9	1670.3	1568.7	1548.2	1490.6	1403.7	1317.7	1266.9	1263.0
47.5°	5483.8	4706.2	2376.6	1521.9	1454.5	1476.9	1432.0	1351.9	1256.2	1176.1	1167.3
50°	5842.3	4926.0	2125.5	1371.4	1361.7	1455.4	1412.5	1297.2	1187.8	1085.2	1076.4
52.5°	6197.8	5103.8	1804.2	1234.7	1311.8	1449.6	1387.1	1260.1	1126.3	1018.8	1007.1
55°	6499.6	5195.6	1494.5	1117.5	1239.6	1399.8	1356.8	1216.1	1039.3	925.0	915.3
57.5°	6671.6	5121.4	1236.6	1002.2	1139.9	1317.7	1305.0	1122.3	935.8	847.9	836.1
60°	6597.3	4820.5	1025.6	901.6	1045.2	1228.8	1215.1	1029.5	856.7	773.6	761.9
62.5°	6188.0	4247.1	858.6	813.7	959.2	1138.0	1125.3	958.2	796.1	716.0	703.3
65°	5363.6	3454.9	728.7	740.4	872.3	1028.6	1047.1	898.7	748.2	670.1	657.4
67.5°	4090.8	2502.6	627.1	676.9	787.3	921.1	974.8	855.7	708.2	633.9	622.2
70°	2331.6	1421.2	541.1	615.4	712.1	821.5	919.2	821.5	665.2	603.7	595.8
72.5°	884.0	652.5	467.9	553.8	639.8	737.5	857.6	767.8	615.4	569.5	561.7
75°	*471.8*	*397.6*	*393.7*	*481.6*	*556.8*	*655.4*	*780.5*	*715.0*	*578.3*	*601.7*	*621.2*
77.5°	321.4	281.3	329.2	412.2	465.9	564.6	698.4	634.9	501.1	499.1	460.1
80°	222.7	199.3	267.6	332.1	360.4	474.7	609.5	545.1	408.3	381.0	364.3
82.5°	133.8	129.9	200.2	248.1	254.9	366.3	505.0	457.1	334.1	291.1	293.0
85°	73.3	77.2	128.0	145.5	148.5	255.9	395.6	353.6	256.9	215.9	217.8
87.5°	20.5	26.4	46.9	57.6	71.3	132.8	235.4	210.0	128.9	89.9	89.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

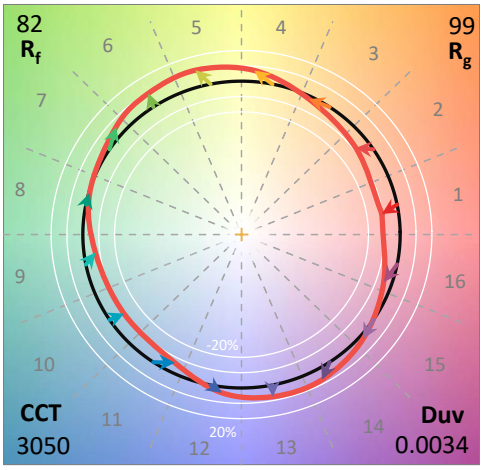
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

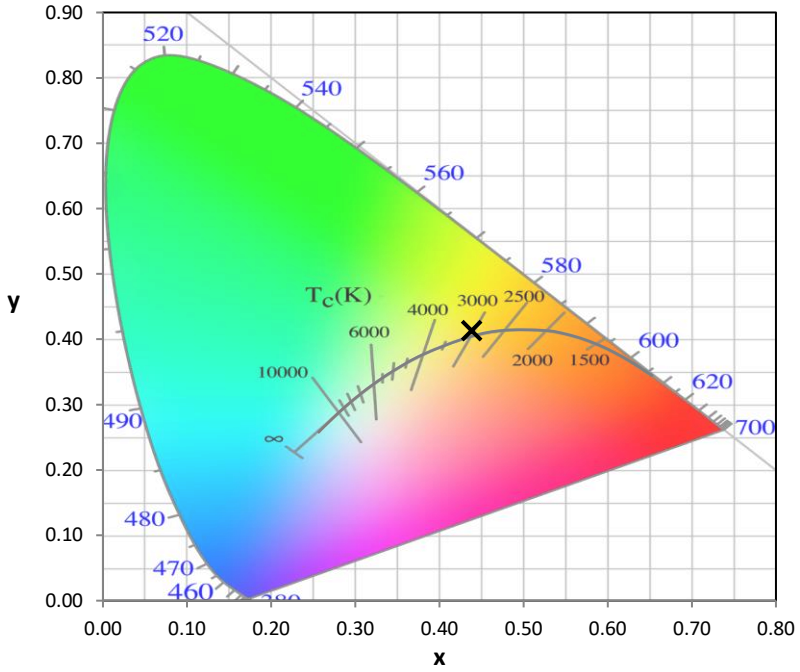
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

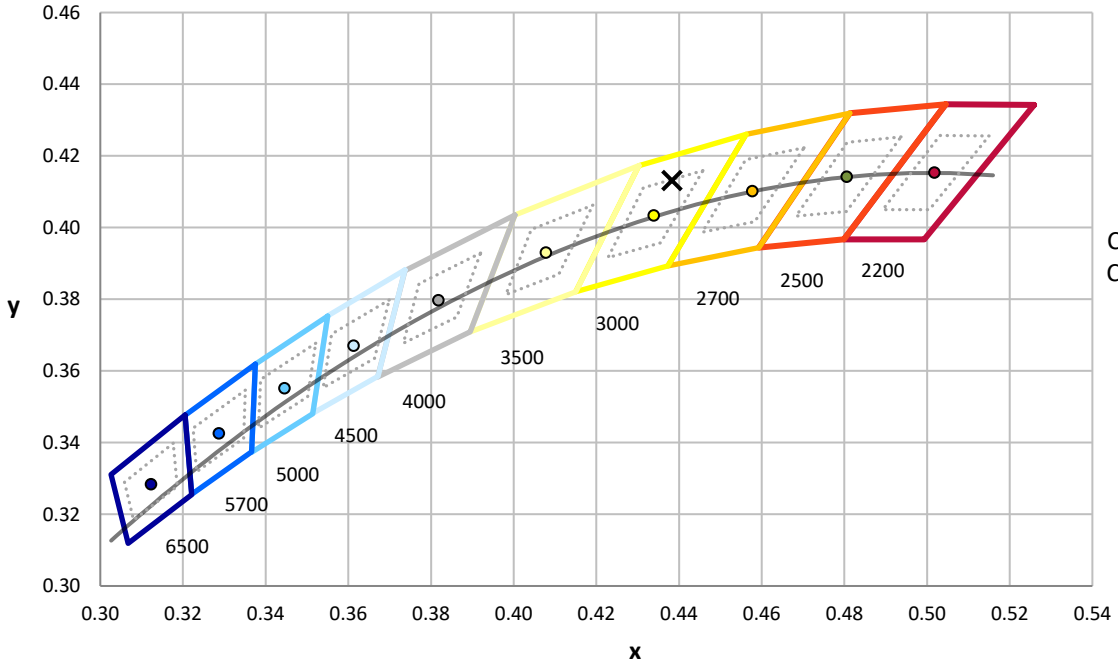
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

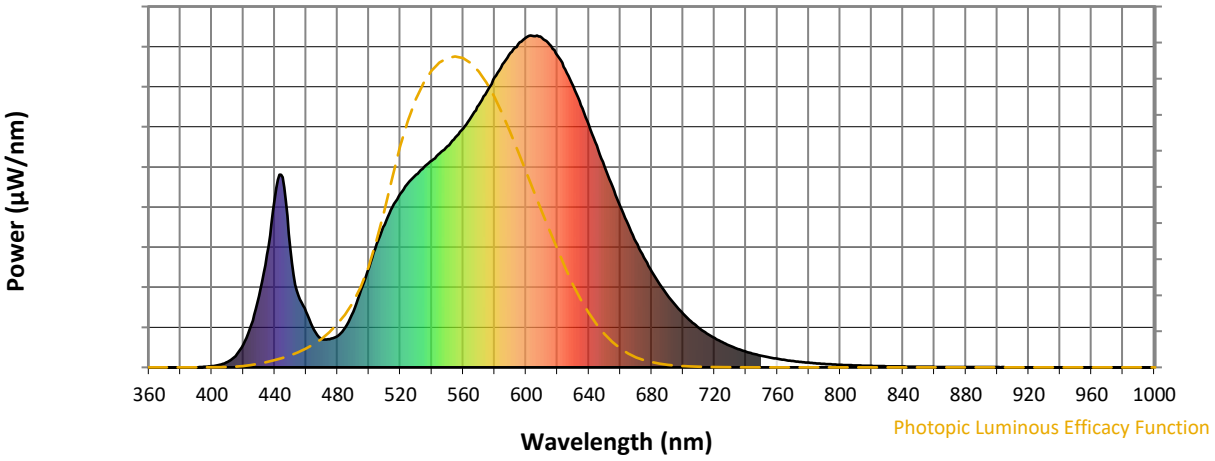


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

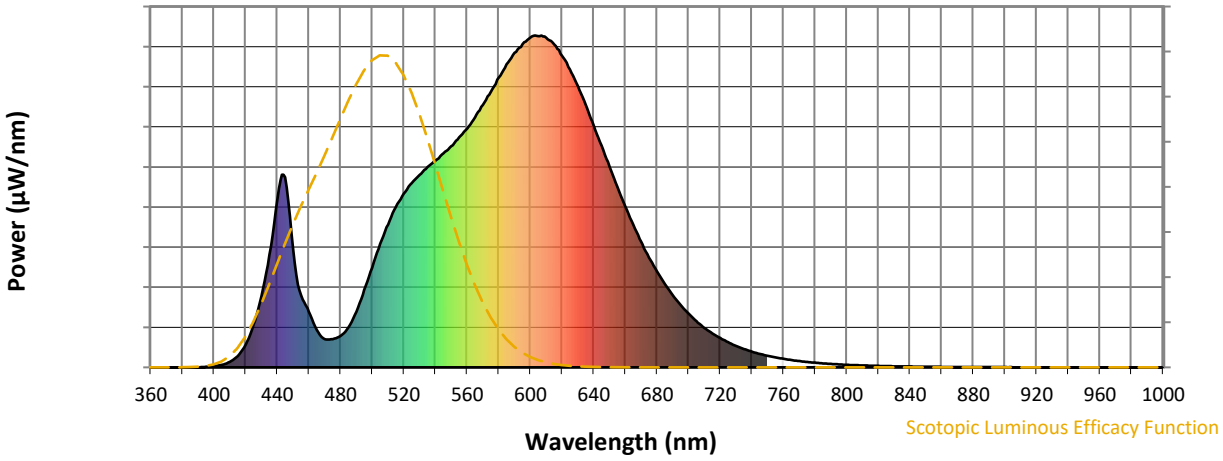


Photopic Lumens: NR

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

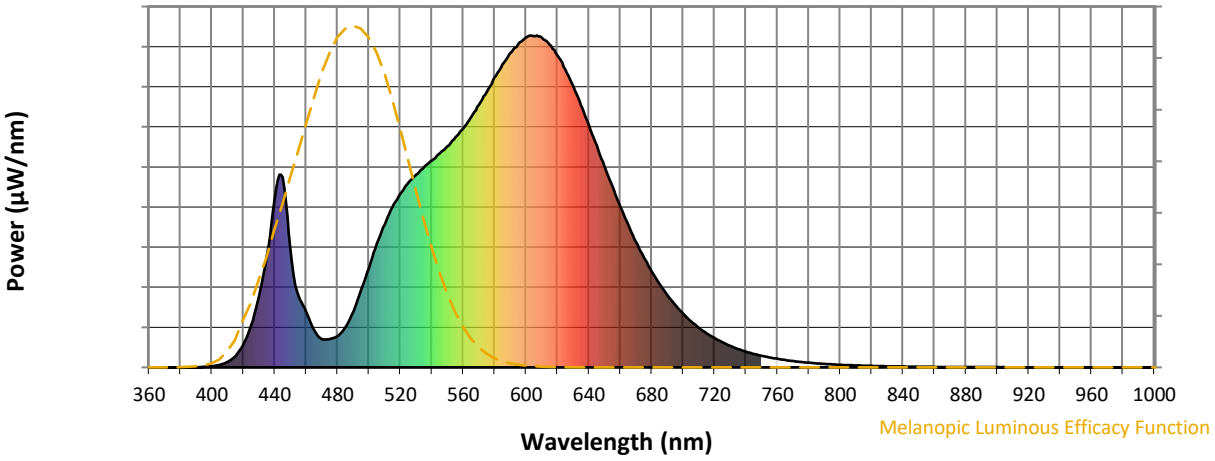


Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

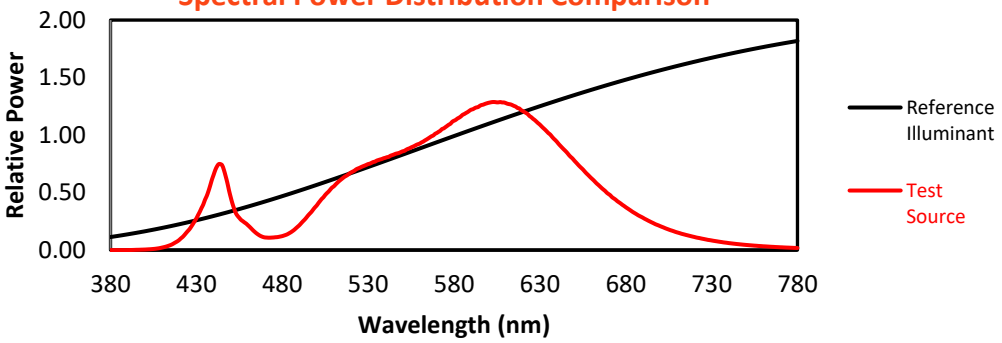
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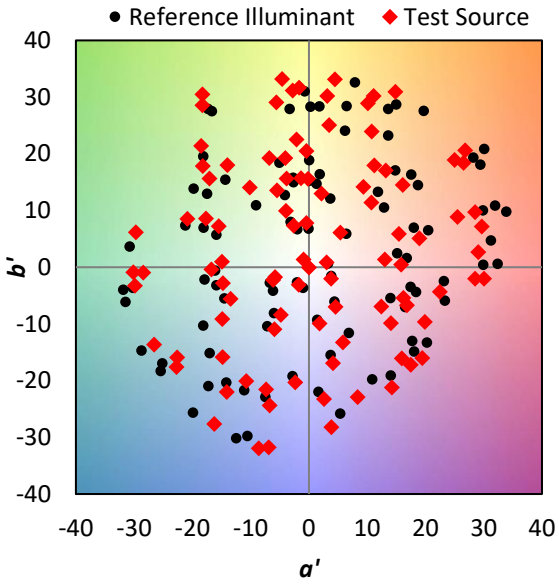
Summary

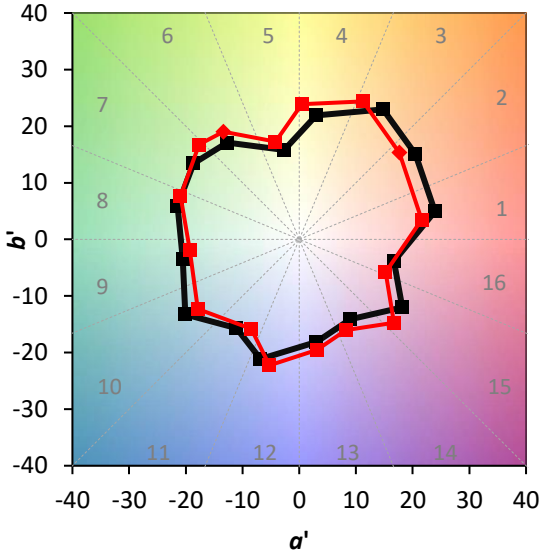
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

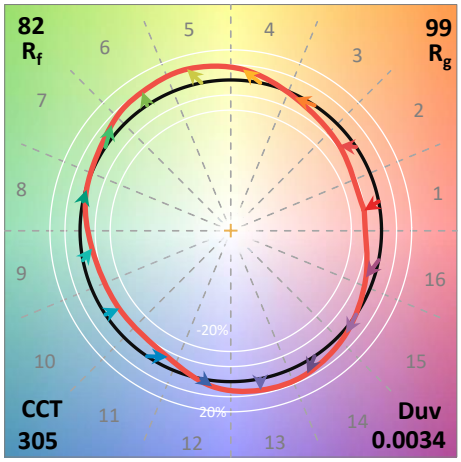
Spectral Power Distribution Comparison

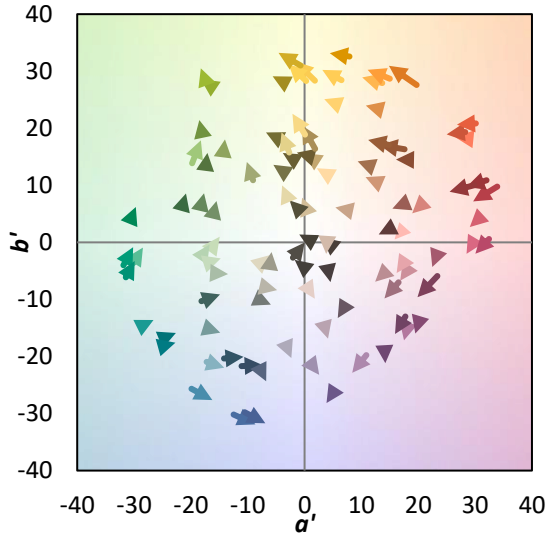


Color Vector Graphics







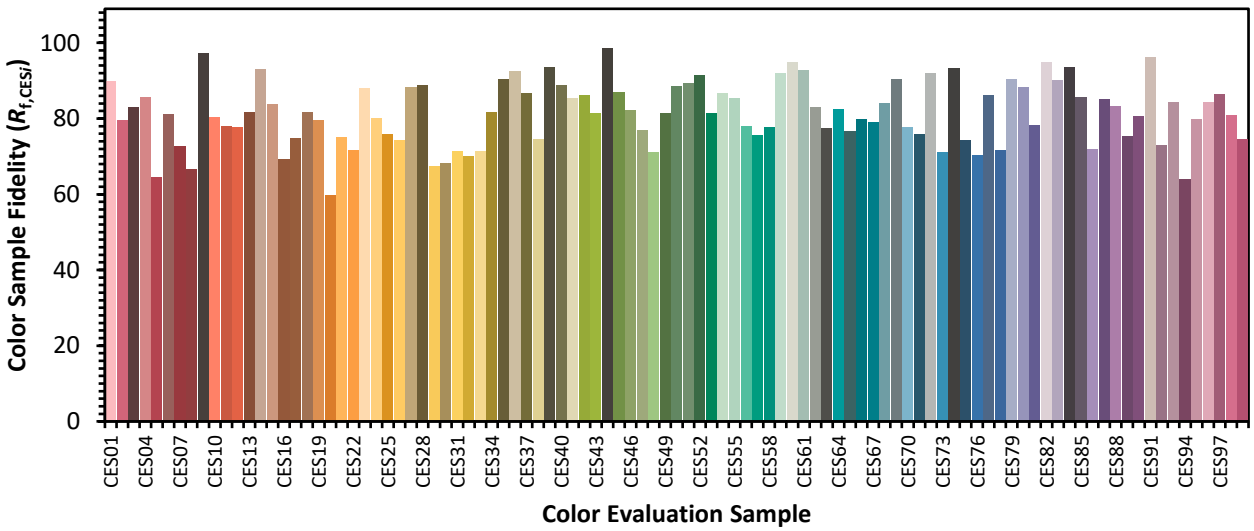


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Individual Sample Fidelity Index ($R_{f,i}$)

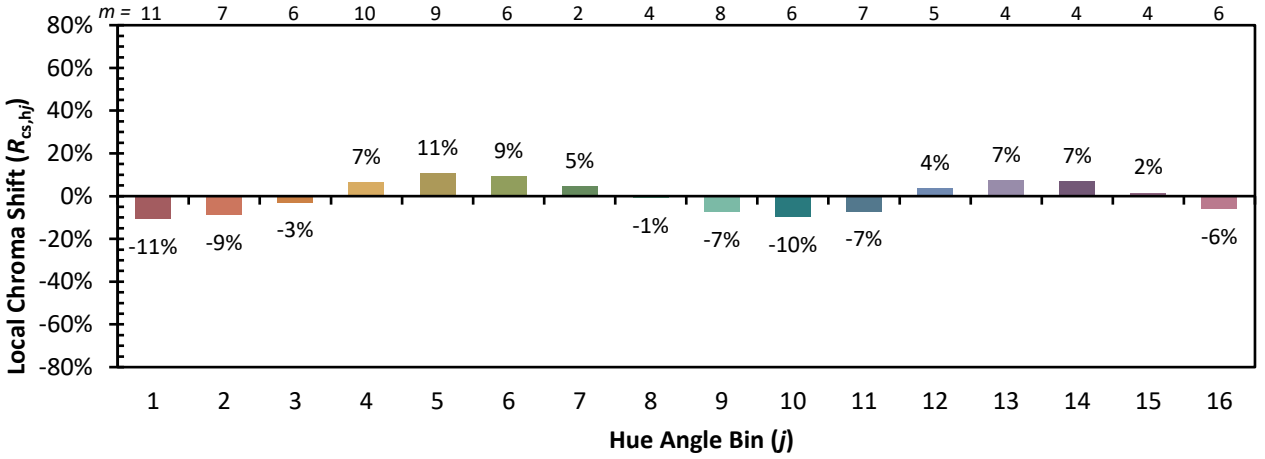
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
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 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	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	

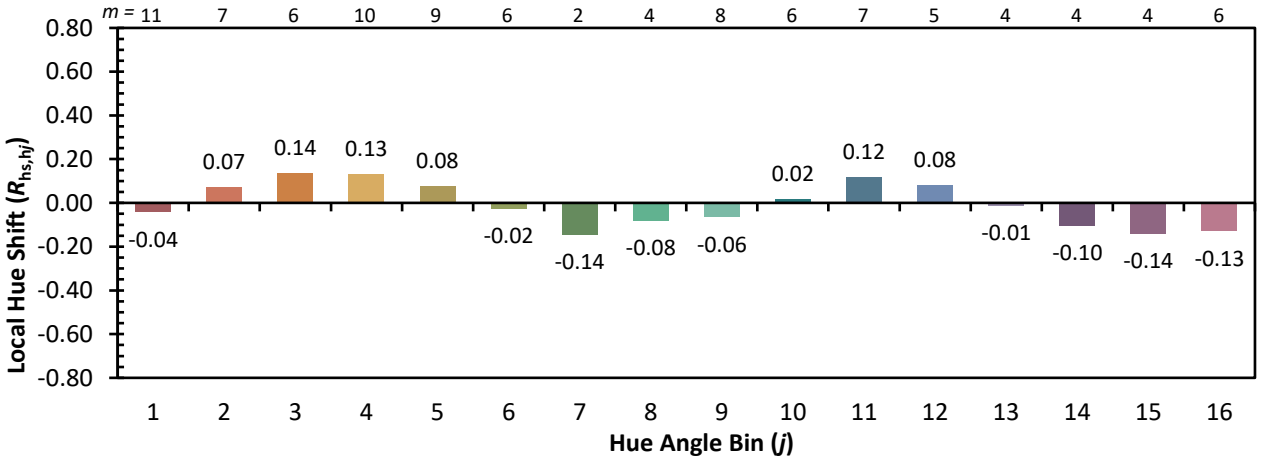


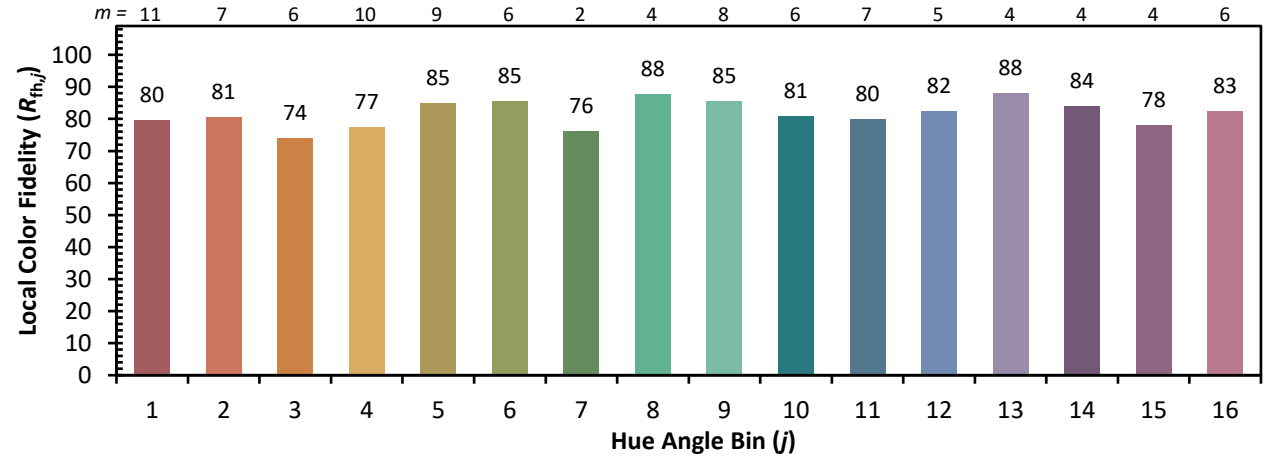
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Color Rendition by Hue-Angle Bin



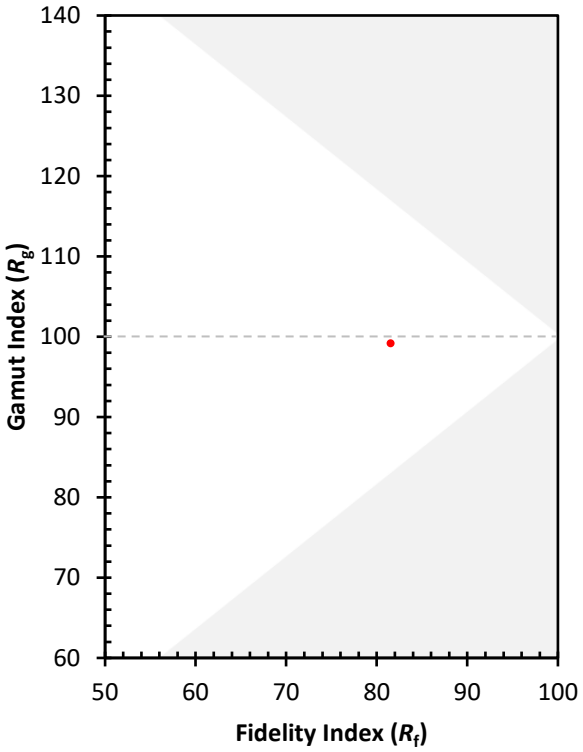


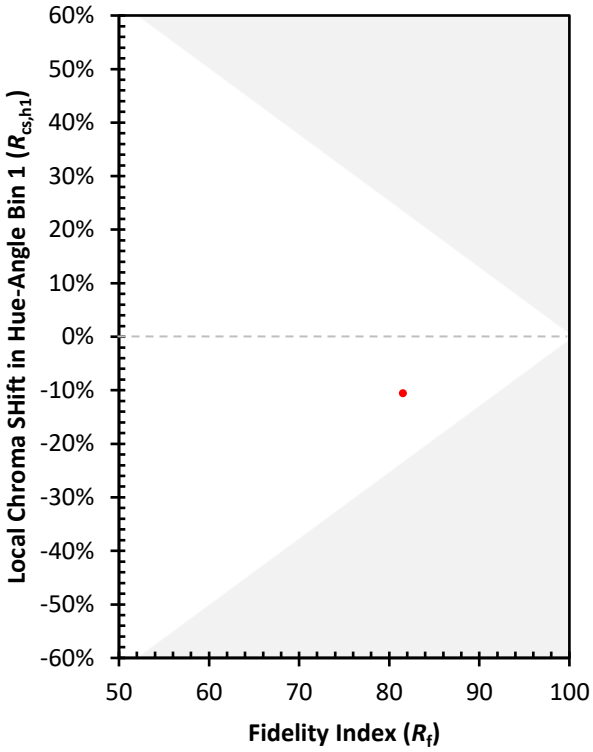


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Measure Comparisons





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