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: P1203858

Luminaire Tested: GWC-SB2D-830-U-SL3-HSS

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:	P1203858
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14723 lumens
Efficiency:	N/A
Efficacy:	99.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

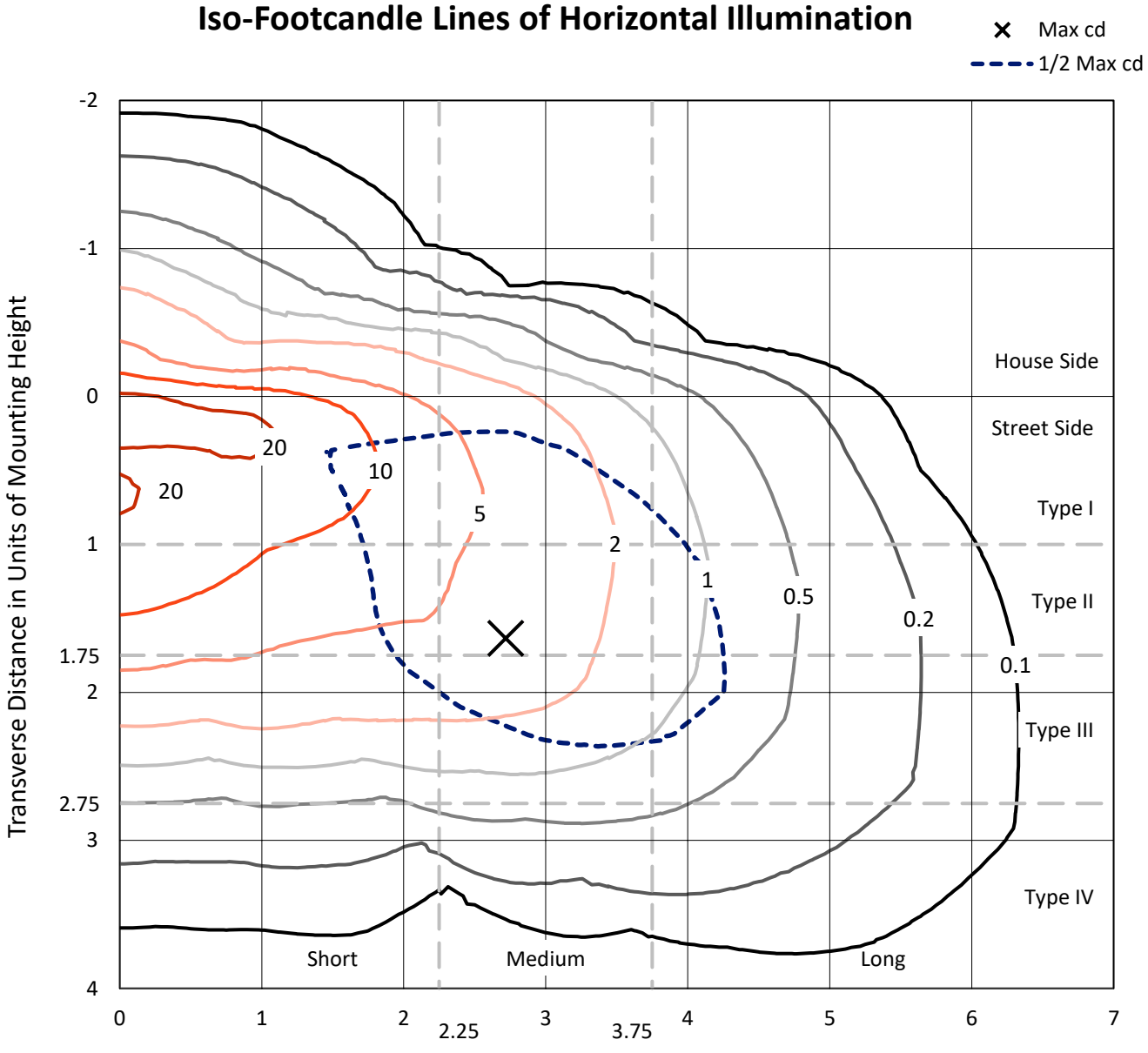


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Scaled Data Report

REPORT NUMBER: P1203858
CATALOG NUMBER: GWC-SB2D-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



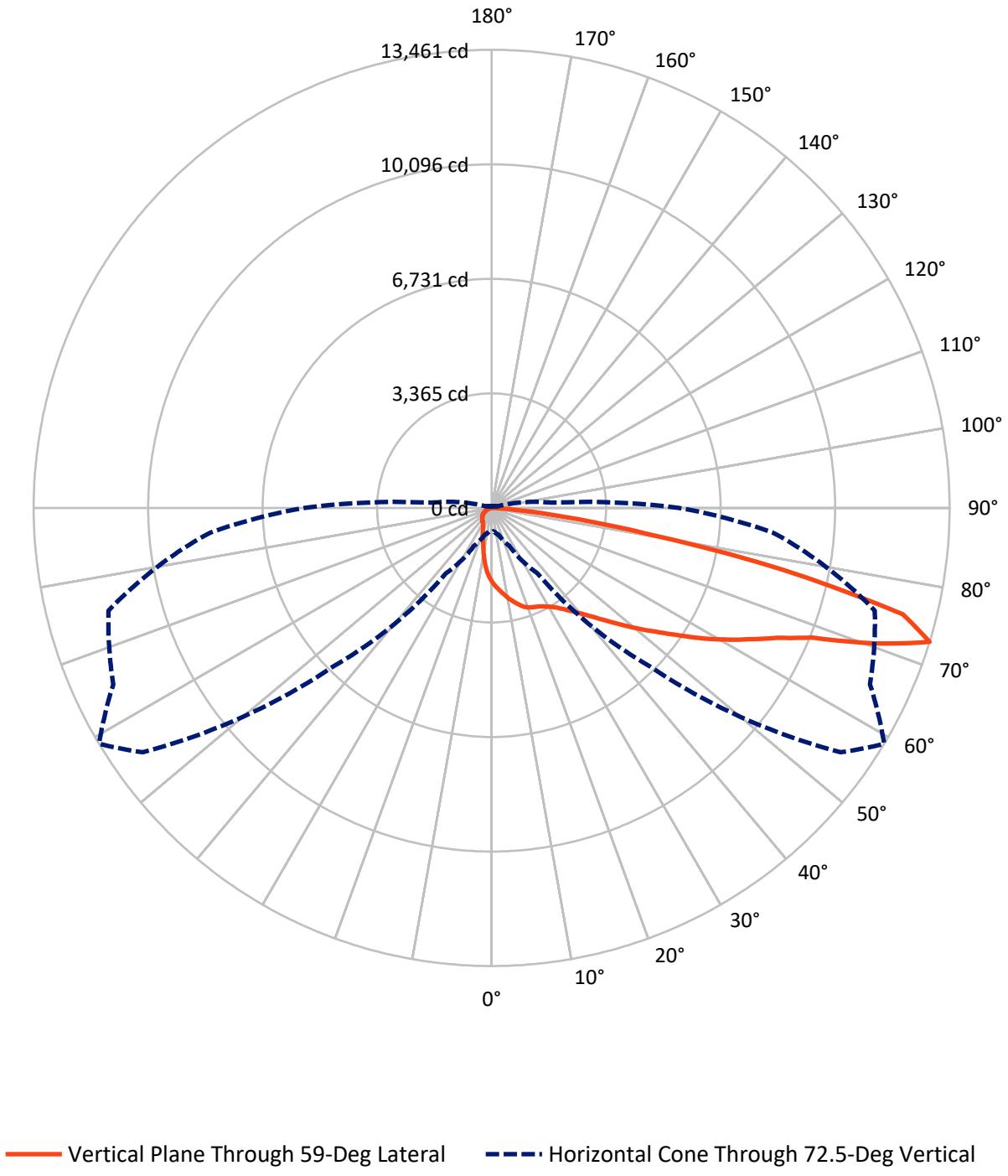
Based on 10 foot mounting height. Maximum calculated value = 36.6 fc
Type III - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1203858
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Luminous Intensity Polar Plot



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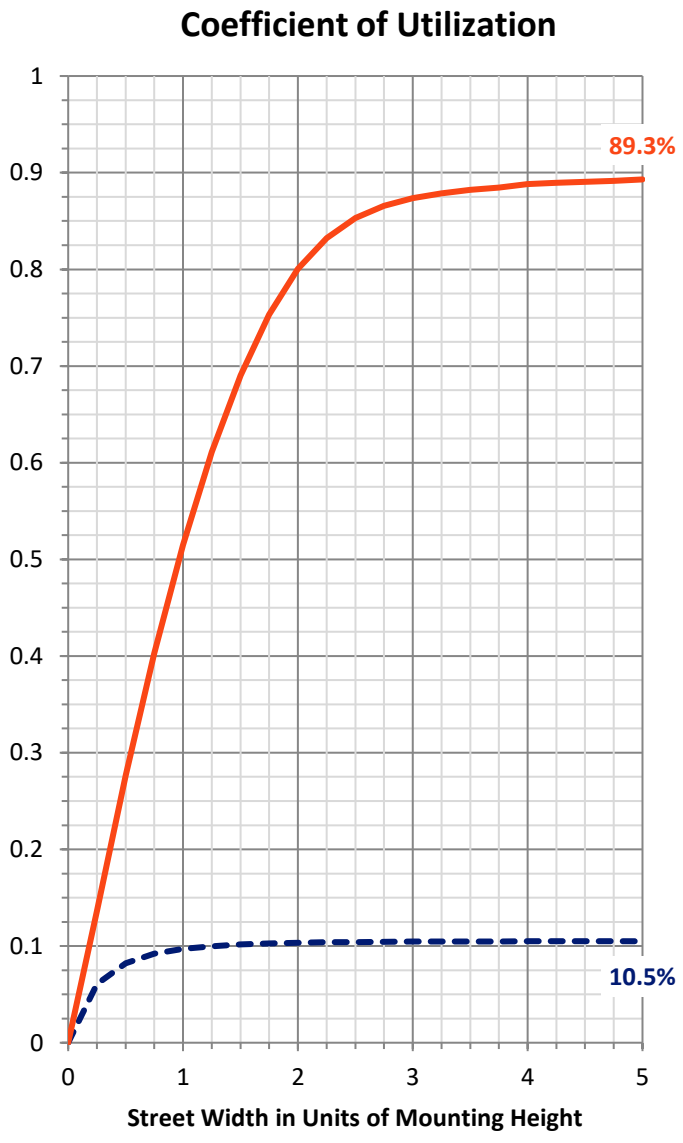
REPORT NUMBER: P1203858
CATALOG NUMBER: GWC-SB2D-830-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1555.1	0.0	1555.1
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	13167.9	0.0	13167.9
	% Fixture	89.4	0.0	89.4
Total	Lumens	14723.0	0.0	14723.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.0	1.3
10°-20°	523.2	3.6
20°-30°	829.2	5.6
30°-40°	1330.7	9.0
40°-50°	2125.4	14.4
50°-60°	3077.3	20.9
60°-70°	3652.0	24.8
70°-80°	2711.1	18.4
80°-90°	277.2	1.9
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°	14723.0	100.0
0°-180°	14723.0	100.0



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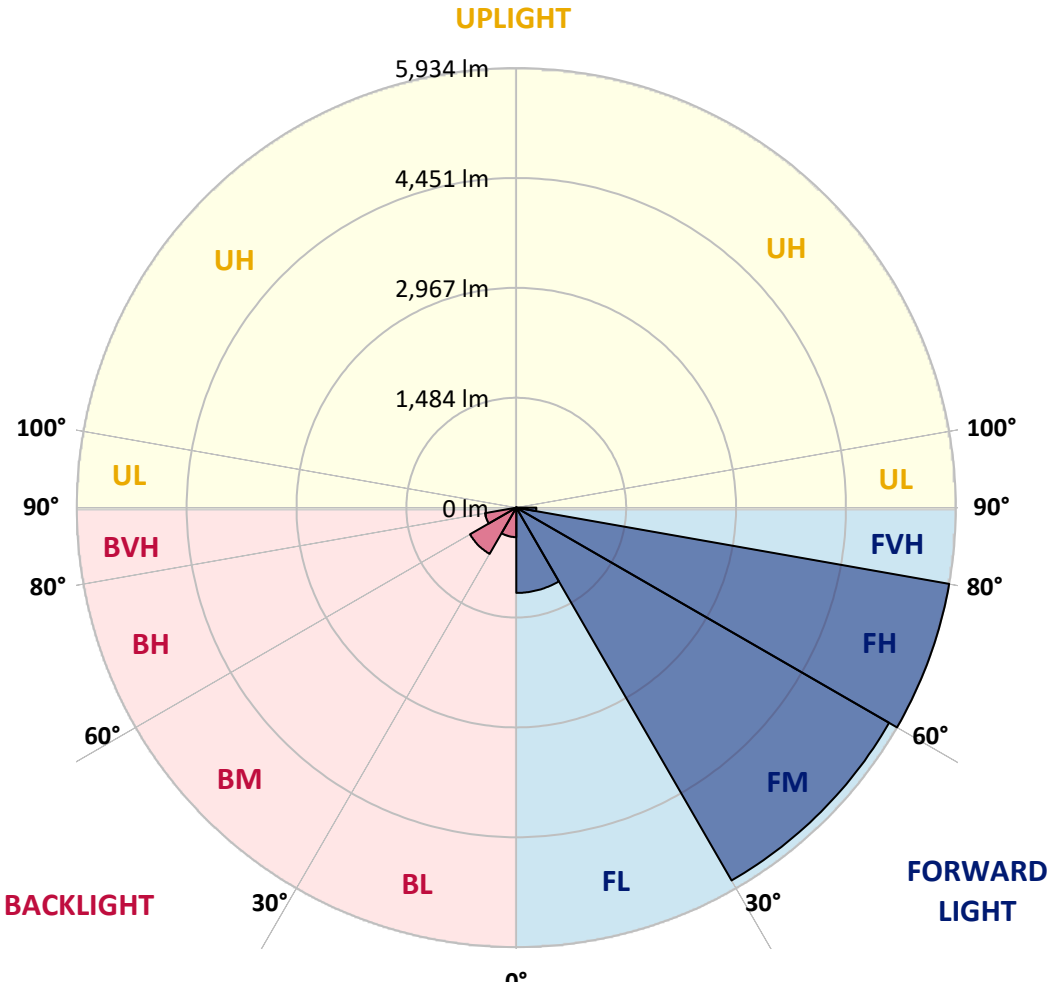
Scaled Data Report

REPORT NUMBER: P1203858
CATALOG NUMBER: GWC-SB2D-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1151.0	7.8			
FM	(30°-60°)	5812.4	39.5			
FH	(60°-80°)	5934.2	40.3			G3/7500
FVH	(80°-90°)	270.3	1.8			G3/500
BL	(0°-30°)	398.4	2.7	B1/500		
BM	(30°-60°)	721.0	4.9	B1/1000		
BH	(60°-80°)	428.8	2.9	B1/500		G1/500
BVH	(80°-90°)	6.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type III Medium



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REPORT NUMBER: P1203858
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2
2.5°	2415.6	2402.1	2404.0	2381.0	2364.6	2347.3	2313.7	2308.9	2284.8	2242.5	2199.3
5°	2626.1	2617.4	2609.7	2583.8	2550.1	2507.8	2451.1	2430.9	2386.7	2313.7	2229.1
7.5°	2779.9	2769.3	2773.1	2747.2	2720.3	2673.2	2595.3	2557.8	2499.2	2387.7	2259.8
10°	2809.7	2803.9	2828.9	2838.5	2838.5	2808.7	2732.8	2695.3	2609.7	2467.5	2291.6
12.5°	2642.4	2643.4	2705.9	2780.8	2878.9	2906.8	2855.8	2815.4	2730.8	2552.1	2331.9
15°	2447.3	2448.2	2508.8	2604.9	2765.5	2926.0	2966.3	2940.4	2852.9	2643.4	2379.0
17.5°	2330.0	2325.2	2365.6	2444.4	2612.6	2838.5	3033.6	3050.9	2979.8	2744.3	2430.9
20°	2313.7	2305.0	2326.2	2365.6	2485.7	2728.9	3041.3	3123.0	3110.5	2858.7	2490.5
22.5°	2413.6	2400.2	2388.7	2390.6	2441.5	2637.6	3022.1	3163.4	3245.1	2996.1	2572.2
25°	2611.7	2590.5	2553.0	2505.0	2494.4	2618.4	3008.6	3207.6	3370.1	3172.1	2679.9
27.5°	2853.9	2824.1	2752.0	2679.9	2618.4	2672.2	3036.5	3277.8	3511.4	3376.8	2804.9
30°	3120.1	3083.6	3011.5	2875.0	2777.0	2792.4	3102.8	3370.1	3692.1	3608.4	2961.5
32.5°	3511.4	3426.8	3300.9	3092.3	2962.5	2922.1	3202.8	3487.3	3916.0	3917.0	3188.4
35°	3846.8	3799.7	3672.9	3413.3	3147.1	3094.2	3334.5	3652.7	4226.5	4325.5	3505.6
37.5°	4067.0	4002.6	3891.1	3695.9	3433.5	3271.1	3510.4	3855.5	4555.3	4790.8	3896.8
40°	4313.0	4249.6	4101.6	3918.0	3766.1	3574.8	3732.4	4089.1	4915.7	5268.5	4343.8
42.5°	4610.0	4527.4	4352.4	4154.4	3995.8	3974.7	4022.7	4380.3	5285.8	5787.6	4809.0
45°	4959.0	4881.1	4680.2	4430.3	4290.9	4253.4	4388.0	4719.6	5698.2	6356.6	5279.1
47.5°	5285.8	5195.4	4979.2	4751.3	4596.6	4478.4	4776.3	5120.5	6165.3	6951.6	5723.2
50°	5563.6	5471.3	5273.3	5030.1	4925.3	4770.6	5157.9	5567.4	6628.6	7556.2	6128.8
52.5°	5753.9	5672.2	5439.6	5274.3	5203.1	5125.3	5604.9	6041.3	7090.0	8109.9	6529.6
55°	5710.7	5637.6	5432.9	5421.3	5416.5	5498.2	6139.4	6578.6	7560.1	8633.7	6928.5
57.5°	5573.2	5490.5	5234.8	5410.8	5580.9	5830.8	6718.0	7214.0	8075.3	9127.8	7313.0
60°	5168.5	5139.7	4984.0	5390.6	5650.1	6156.7	7379.3	7852.3	8632.8	9562.3	7654.3
62.5°	4312.1	4337.1	4336.1	5432.9	5775.1	6527.7	7980.1	8498.2	9177.8	9980.4	7958.0
65°	3228.8	3315.3	3425.8	5052.2	5942.3	7190.0	8698.2	9199.0	9731.5	10466.8	8266.6
67.5°	2169.5	2238.7	2313.7	4144.8	5444.4	7885.9	9891.0	10159.2	10394.7	11006.1	8613.6
70°	1241.9	1264.0	1368.8	2588.6	4196.7	7693.7	11833.7	11930.8	11383.8	11670.3	8866.4
72.5°	695.9	688.2	826.7	1228.4	2345.4	6588.3	12514.2	13461.0	12269.1	11659.7	8302.1
75°	465.2	466.2	569.0	774.7	914.1	4612.0	10784.0	12481.5	11738.5	10339.0	6783.4
77.5°	317.2	327.8	418.1	598.8	422.9	2250.2	7134.2	8743.3	9503.7	7984.0	4683.1
80°	137.5	138.4	275.9	429.7	285.5	716.1	3698.8	4684.1	5960.6	4483.2	1855.2
82.5°	71.1	80.7	175.9	277.8	179.7	250.9	1747.5	2046.5	2501.1	1315.9	380.6
85°	25.0	29.8	108.6	136.5	90.4	89.4	608.5	620.0	529.6	198.0	104.8
87.5°	0.0	4.8	42.3	33.6	11.5	10.6	72.1	60.6	48.1	27.9	34.6
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: P1203858
CATALOG NUMBER: GWC-SB2D-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2	2177.2
2.5°	2179.1	2153.2	2110.9	2058.9	1998.4	1965.7	1918.6	1889.8	1863.8	1864.8	1885.9
5°	2182.0	2138.7	2031.1	1916.7	1789.8	1696.6	1592.8	1519.7	1463.9	1450.5	1470.7
7.5°	2190.6	2117.6	1941.7	1751.4	1539.9	1383.2	1240.0	1149.6	1098.7	1085.2	1098.7
10°	2202.2	2094.5	1840.8	1549.5	1287.1	1098.7	979.5	921.8	898.7	881.4	892.0
12.5°	2211.8	2070.5	1713.9	1340.9	1062.2	915.1	824.7	776.7	756.5	744.0	750.7
15°	2228.1	2038.8	1576.4	1146.7	910.3	790.1	704.6	669.0	663.2	665.2	668.1
17.5°	2244.5	2008.0	1422.6	994.9	798.8	680.5	628.6	622.9	630.6	638.3	641.1
20°	2262.7	1963.8	1266.9	880.5	695.9	604.6	591.2	595.0	598.8	612.3	616.1
22.5°	2289.6	1908.0	1130.4	783.4	610.4	568.1	561.4	564.2	567.1	580.6	584.4
25°	2328.1	1848.4	1019.9	694.0	556.6	538.3	531.6	531.6	535.4	547.9	552.7
27.5°	2368.5	1763.9	930.5	611.3	524.8	505.6	494.1	494.1	498.9	513.3	519.1
30°	2413.6	1687.0	860.3	549.8	497.9	472.9	457.5	453.7	459.5	477.7	482.5
32.5°	2495.3	1637.0	810.3	521.0	473.9	443.1	422.0	411.4	417.2	438.3	444.1
35°	2619.3	1625.4	775.7	506.6	450.8	416.2	386.4	370.1	374.9	397.0	403.7
37.5°	2764.5	1649.5	742.1	487.3	428.7	390.3	350.8	329.7	337.4	357.6	363.3
40°	2973.1	1749.4	716.1	472.9	406.6	359.5	315.3	294.1	306.6	323.9	326.8
42.5°	3224.9	1927.3	709.4	459.5	379.7	326.8	282.6	267.2	276.8	293.2	296.1
45°	3537.3	2154.1	740.1	442.2	349.9	295.1	256.6	248.0	250.9	267.2	274.9
47.5°	3872.8	2386.7	824.7	426.8	323.9	269.1	236.5	228.8	226.8	242.2	251.8
50°	4212.1	2593.4	924.7	415.3	305.7	248.0	221.1	211.5	206.7	216.3	220.1
52.5°	4547.6	2757.8	990.1	396.0	287.4	226.8	207.6	193.2	184.6	189.4	193.2
55°	4887.8	2901.9	993.9	367.2	270.1	213.4	194.2	177.8	167.3	167.3	169.2
57.5°	5206.0	3028.8	937.2	328.7	246.1	200.9	175.9	162.4	150.9	147.1	148.0
60°	5487.6	3123.0	843.0	285.5	224.9	184.6	157.6	147.1	132.6	125.0	123.0
62.5°	5738.5	3169.2	714.2	241.3	199.0	165.3	140.3	128.8	109.6	100.0	99.0
65°	5951.0	3122.1	579.6	199.9	176.9	144.2	120.2	108.6	87.5	75.9	75.9
67.5°	6161.5	2906.8	438.3	168.2	153.8	121.1	99.0	88.4	73.1	63.4	63.4
70°	6188.4	2454.0	306.6	141.3	127.8	93.2	79.8	73.1	59.6	50.9	50.0
72.5°	*5508.8*	*1765.8*	*186.5*	*115.3*	*100.0*	*66.3*	*63.4*	*57.7*	*44.2*	*38.4*	*37.5*
75°	4403.4	1082.3	109.6	86.5	66.3	47.1	47.1	41.3	29.8	25.0	25.0
77.5°	3043.2	566.2	64.4	55.8	39.4	27.9	30.8	25.0	14.4	11.5	11.5
80°	1218.8	215.3	34.6	26.0	18.3	12.5	10.6	5.8	2.9	1.9	2.9
82.5°	243.2	56.7	11.5	6.7	6.7	2.9	0.0	0.0	0.0	0.0	0.0
85°	62.5	12.5	2.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.2	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


HS
SS

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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

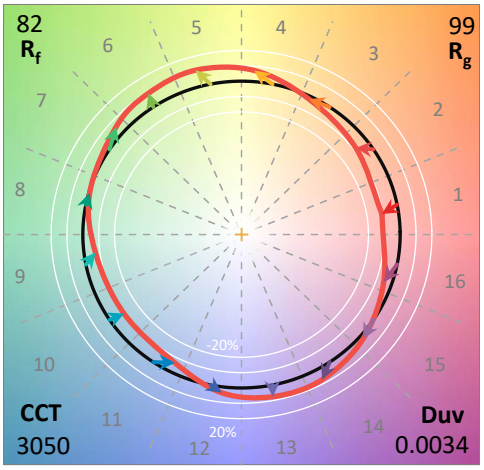
Test Information

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

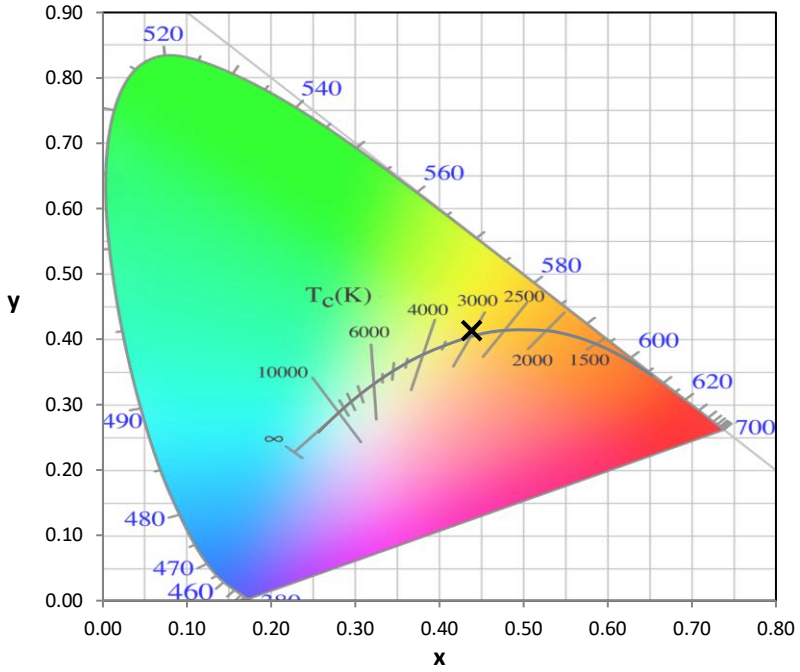
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

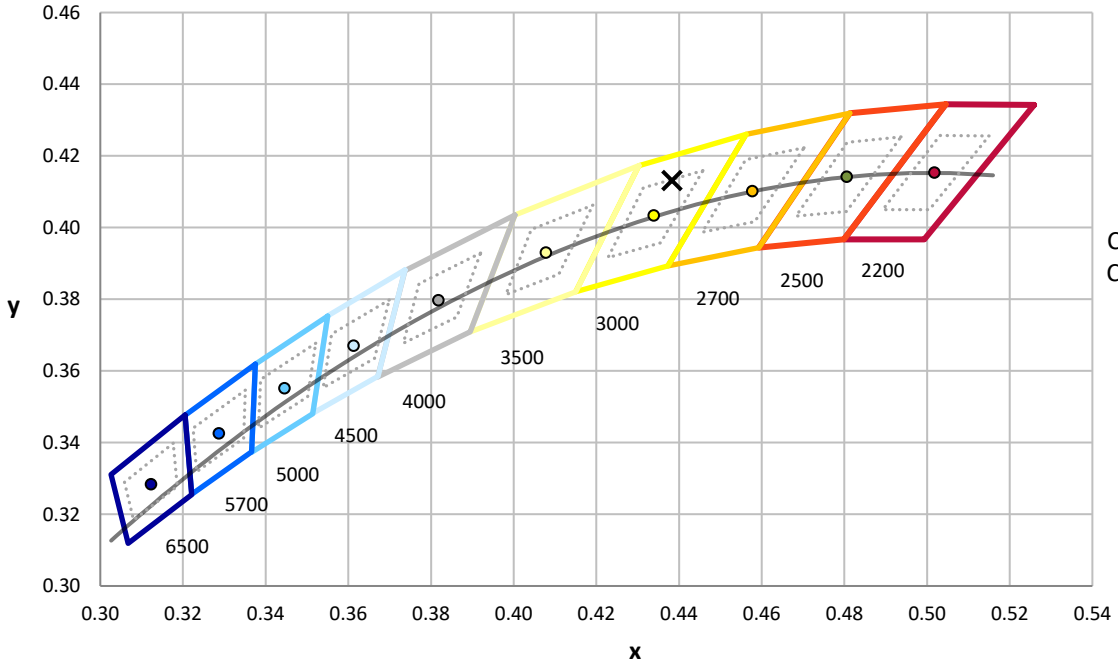
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

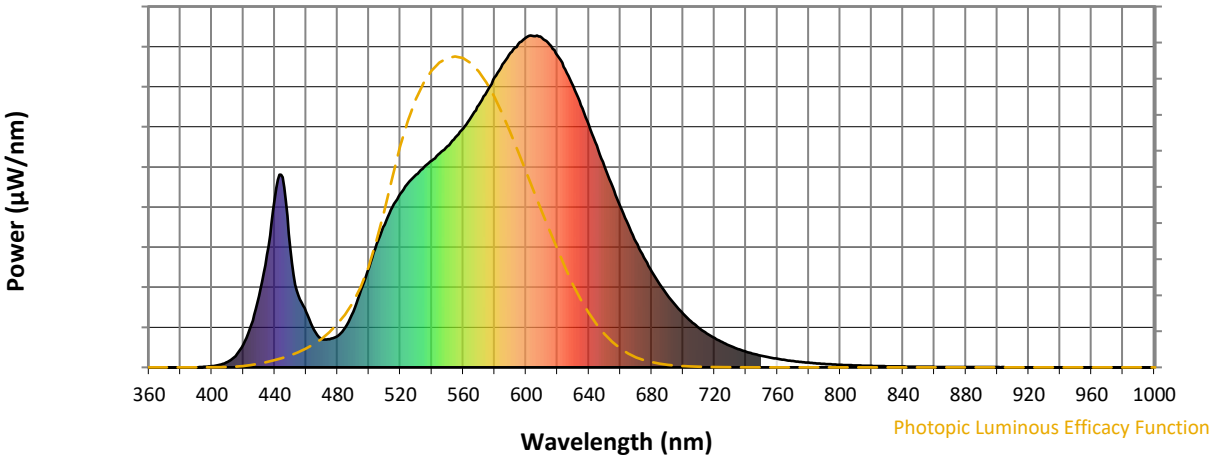


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

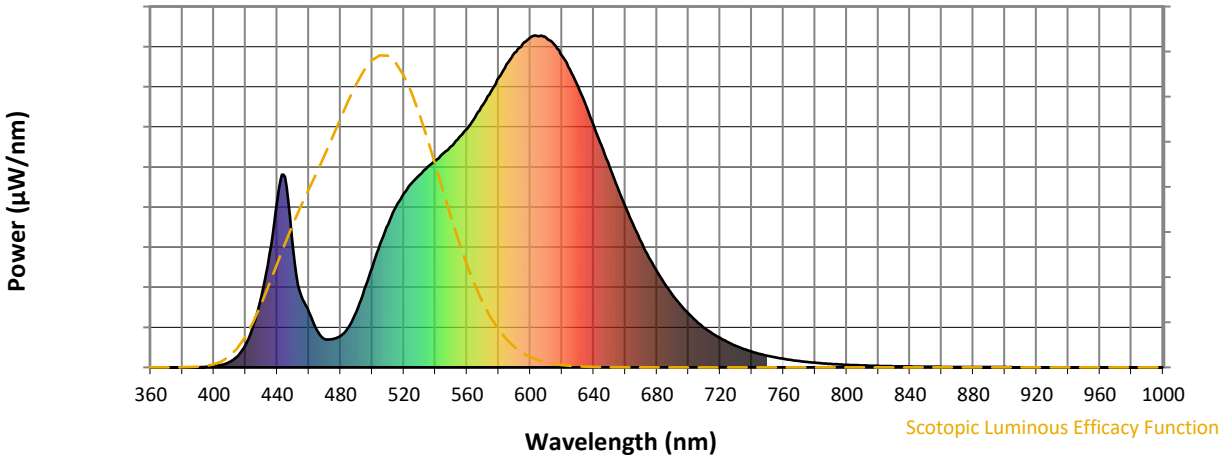


Photopic Lumens: NR

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

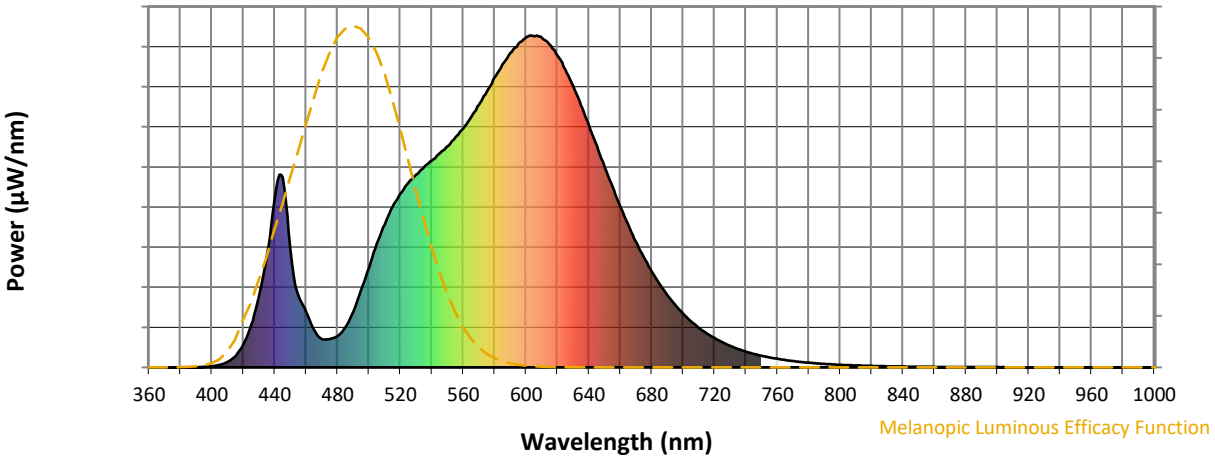


Scotopic Lumens: NR **S/P: 1.27**

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			

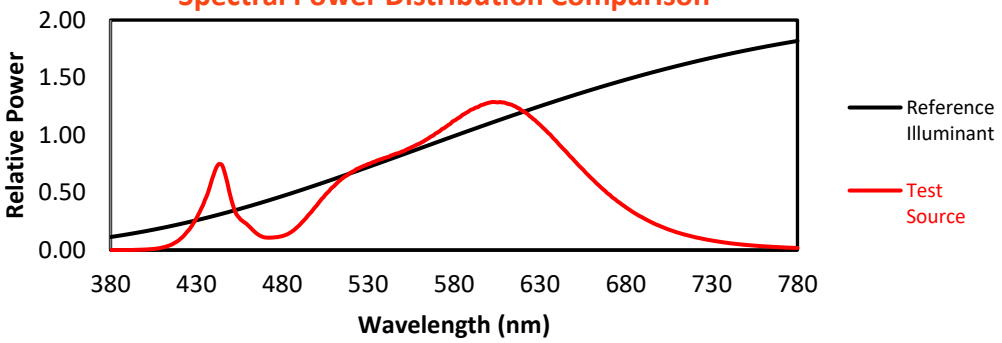
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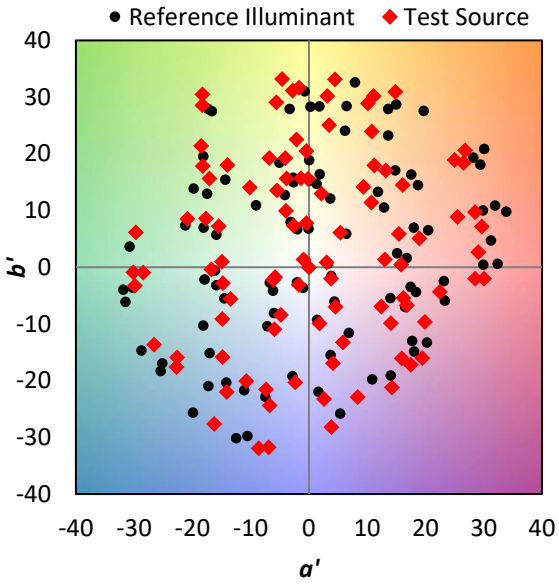
Summary

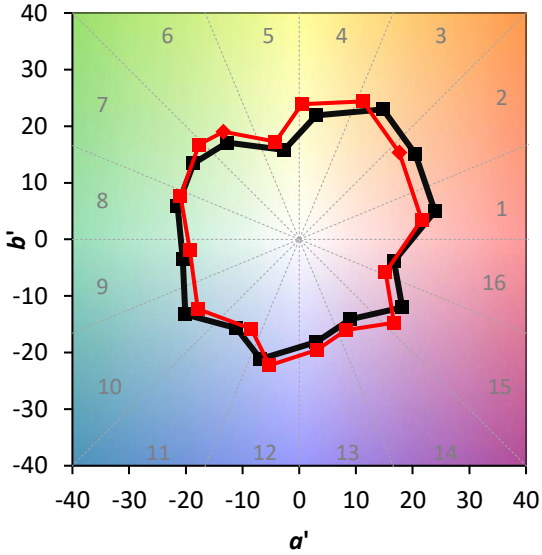
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

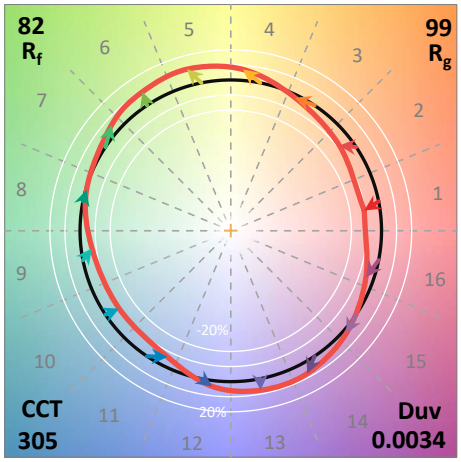
Spectral Power Distribution Comparison

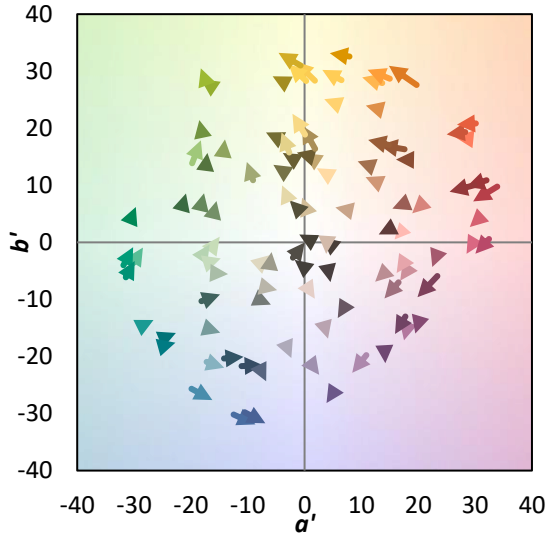


Color Vector Graphics







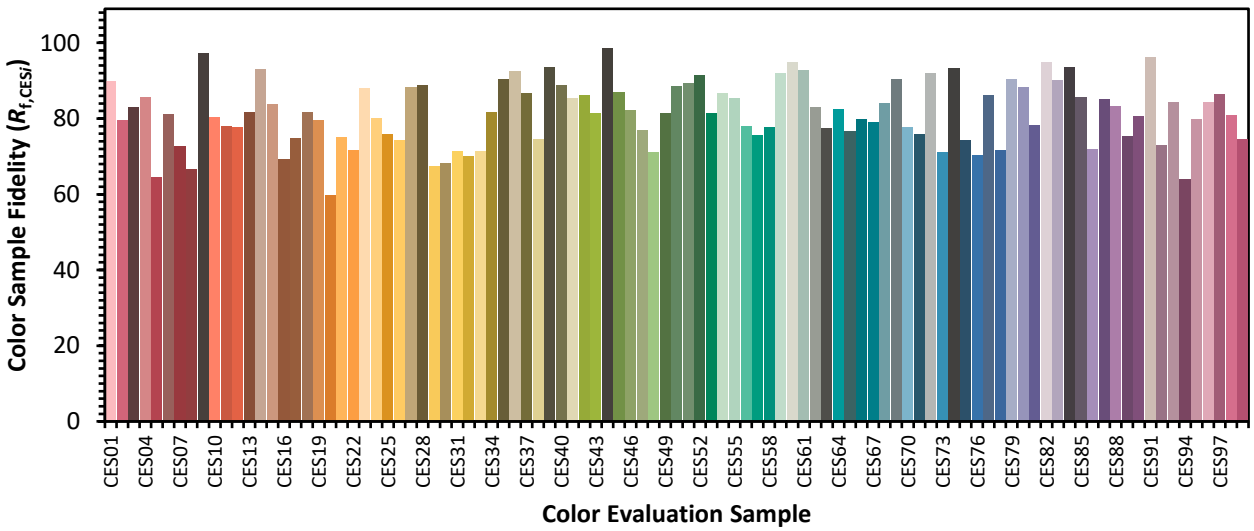


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Individual Sample Fidelity Index ($R_{f,i}$)

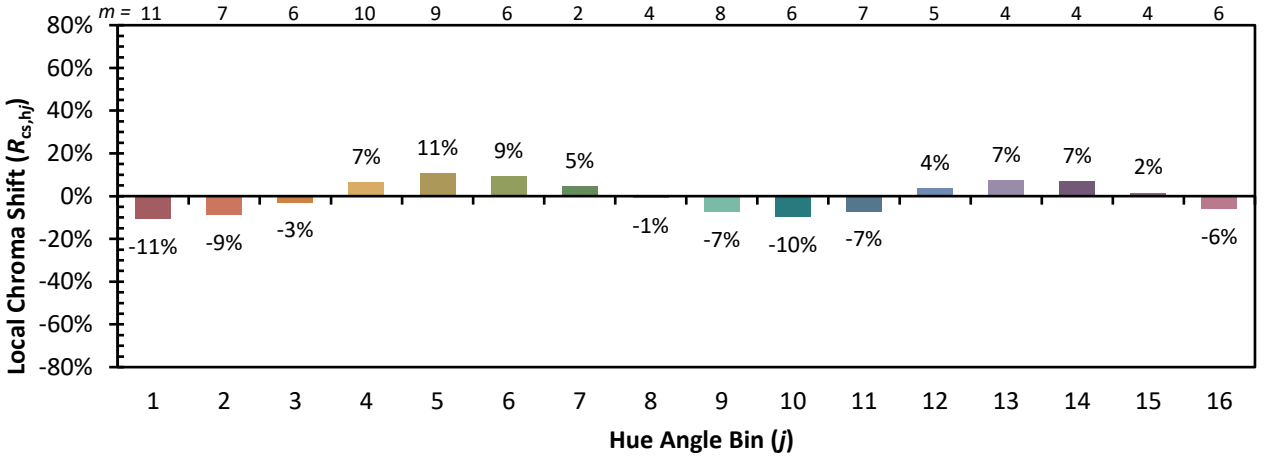
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

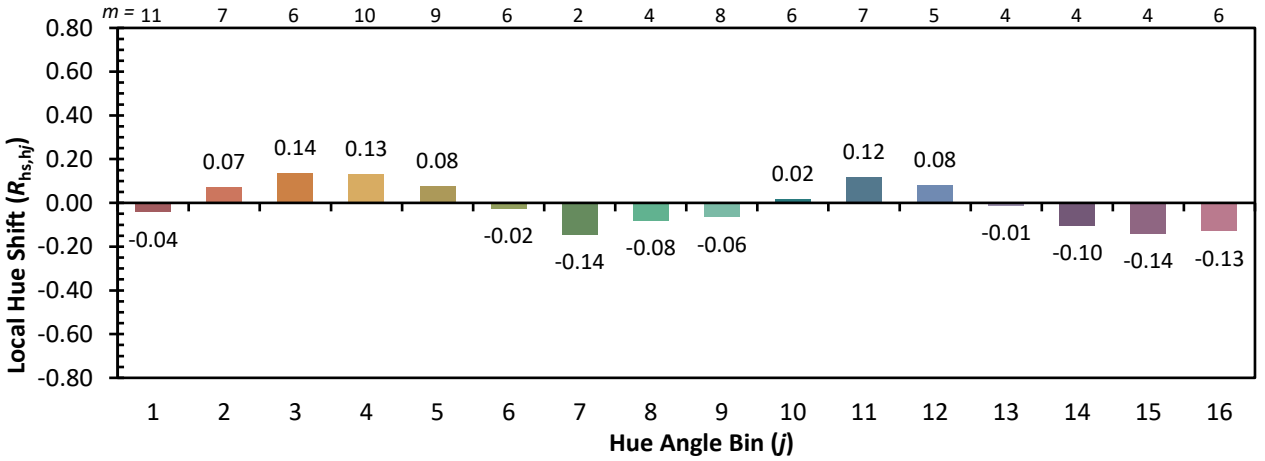


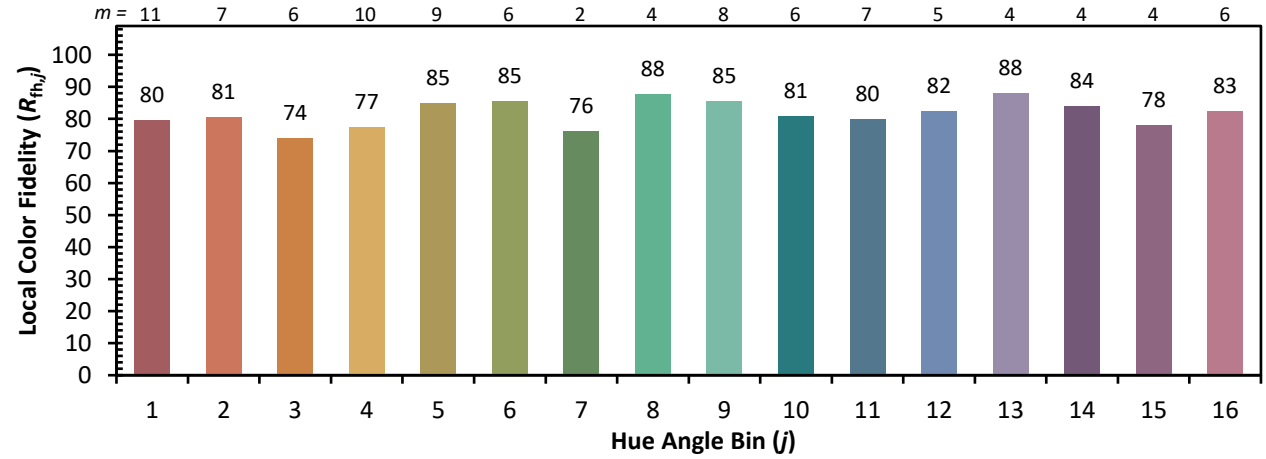
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Color Rendition by Hue-Angle Bin



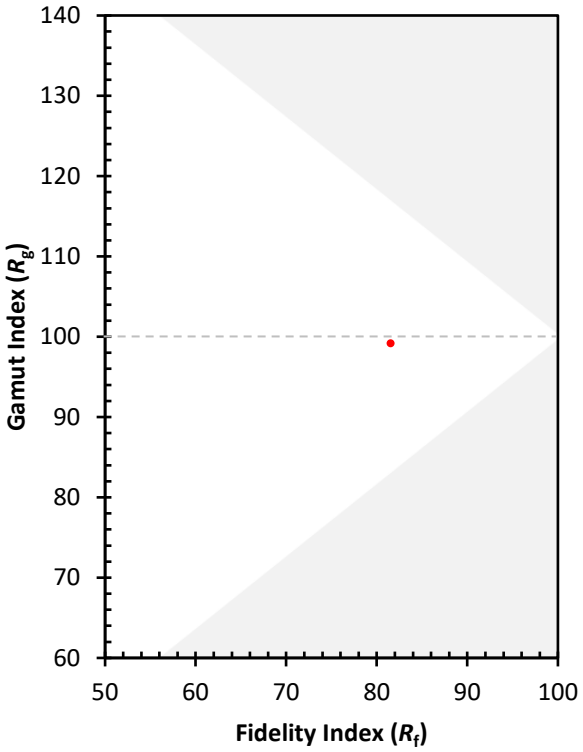


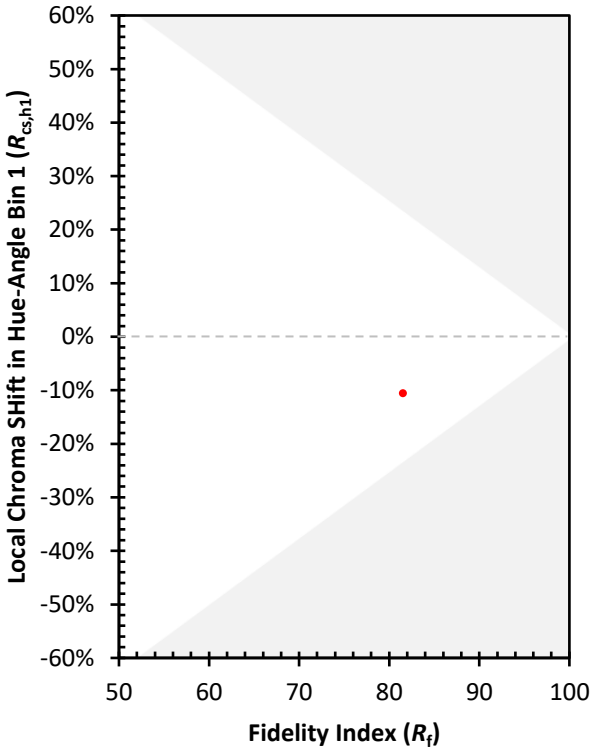


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Measure Comparisons





(END OF REPORT)