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: P1203482

Luminaire Tested: GWC-SB2C-830-U-SL2-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:	P1203482
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10905 lumens
Efficiency:	N/A
Efficacy:	108.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

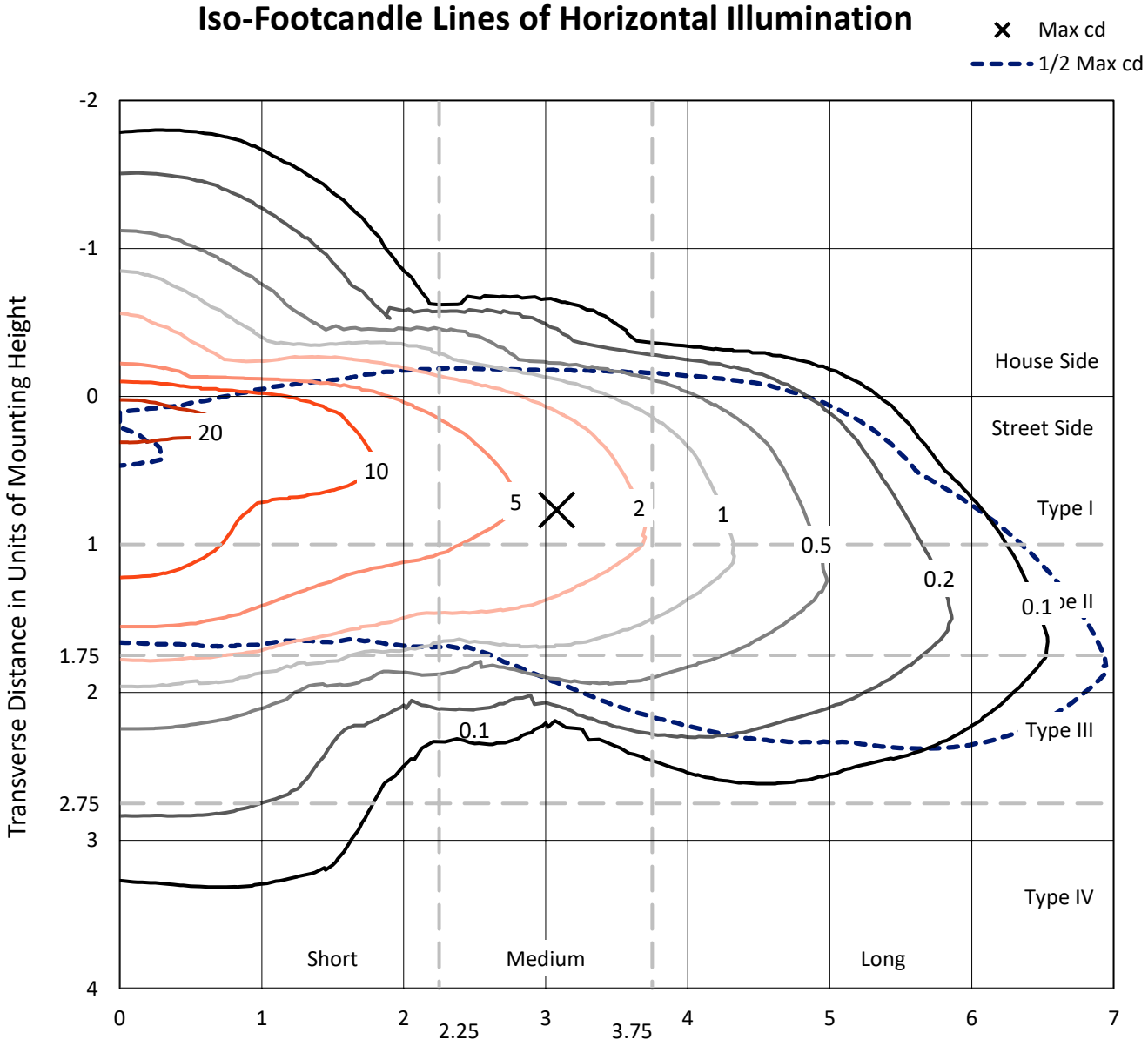


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Scaled Data Report

REPORT NUMBER: P1203482
CATALOG NUMBER: GWC-SB2C-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



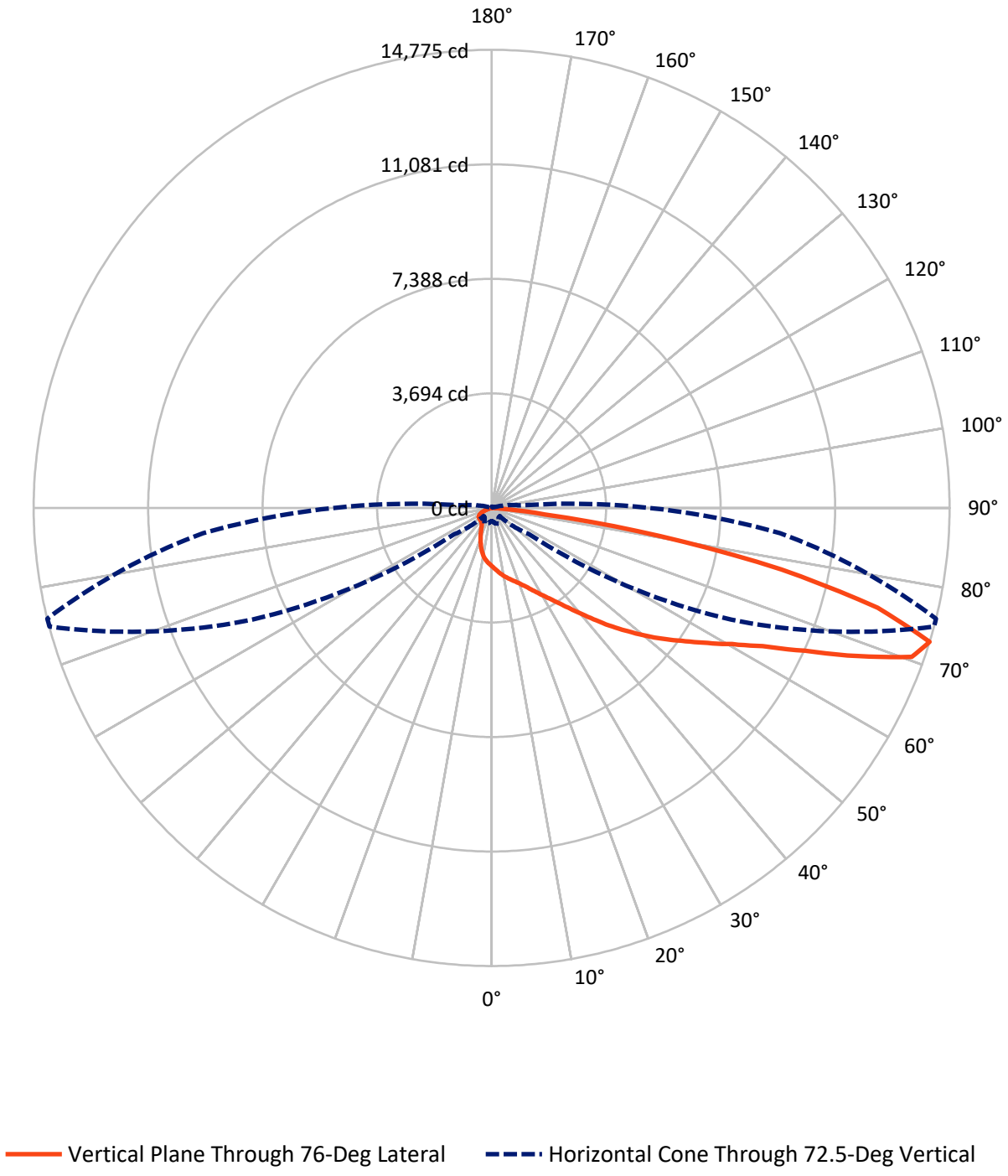
Based on 10 foot mounting height. Maximum calculated value = 16.3 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203482
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Luminous Intensity Polar Plot



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Scaled Data Report

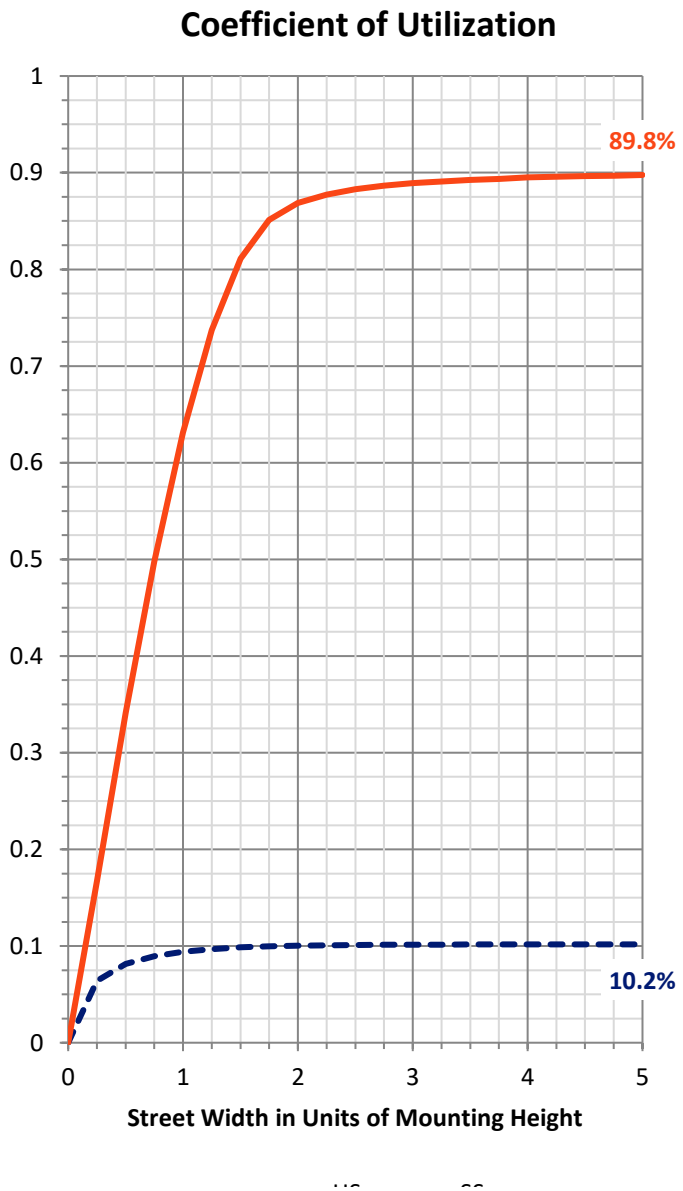
REPORT NUMBER: P1203482
CATALOG NUMBER: GWC-SB2C-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1116.1	0.0	1116.1
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	9788.9	0.0	9788.9
	% Fixture	89.8	0.0	89.8
Total	Lumens	10905.0	0.0	10905.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.4	1.6
10°-20°	459.6	4.2
20°-30°	727.4	6.7
30°-40°	1125.3	10.3
40°-50°	1709.2	15.7
50°-60°	2356.3	21.6
60°-70°	2489.3	22.8
70°-80°	1707.7	15.7
80°-90°	158.9	1.5
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°	10905.0	100.0
0°-180°	10905.0	100.0



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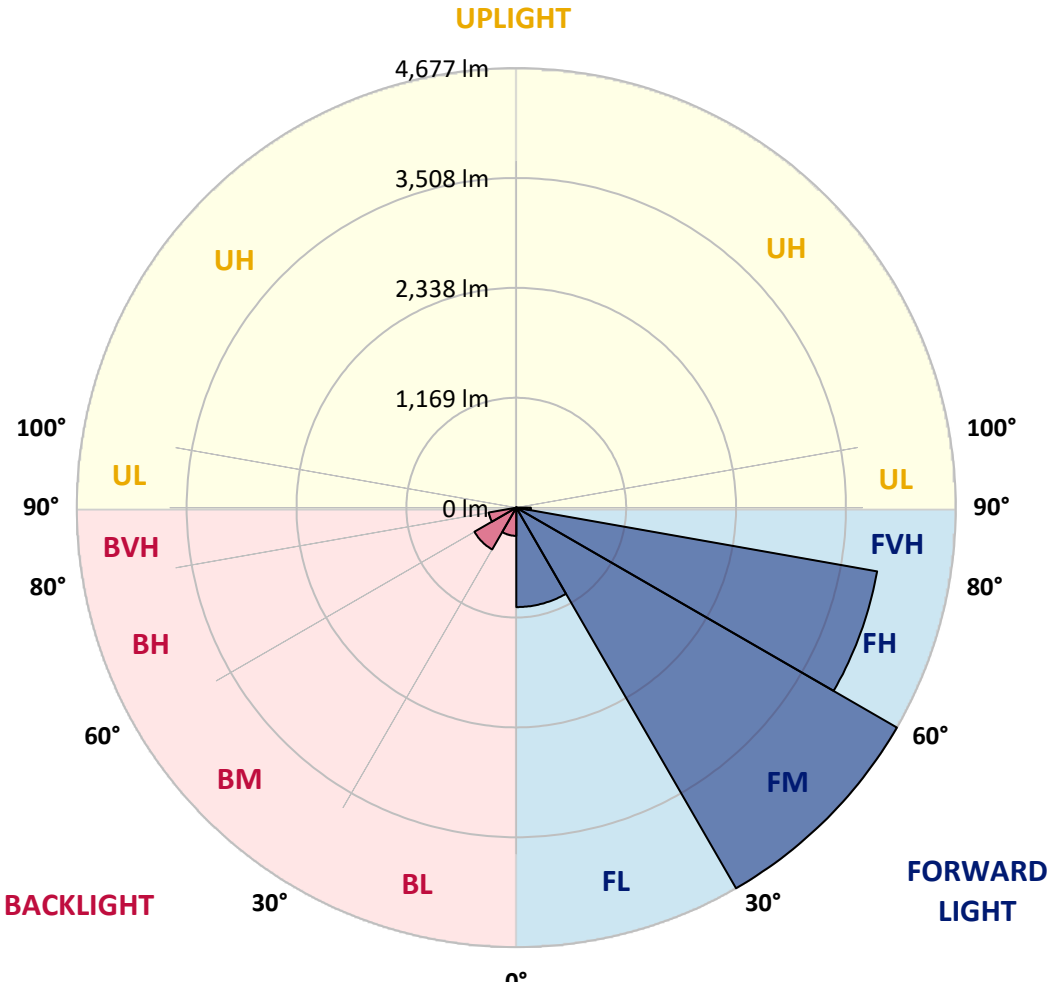
Scaled Data Report

REPORT NUMBER: P1203482
CATALOG NUMBER: GWC-SB2C-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1058.3	9.7			
FM	(30°-60°)	4676.9	42.9			
FH	(60°-80°)	3899.0	35.8			G2/5000
FVH	(80°-90°)	154.6	1.4			G2/225
BL	(0°-30°)	300.0	2.8	B1/500		
BM	(30°-60°)	513.9	4.7	B1/1000		
BH	(60°-80°)	297.9	2.7	B1/500		G1/500
BVH	(80°-90°)	4.3	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-G2
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1203482
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	*1884.5*	1884.5
2.5°	2190.8	2161.8	2167.4	2138.4	2125.0	2092.5	2058.5	2013.9	1964.4	*1964.4*	1916.3
5°	2421.4	2403.0	2403.0	2369.0	2342.9	2291.9	2231.1	2152.6	2059.2	*2050.0*	1958.8
7.5°	2562.9	2551.5	2558.6	2538.8	2517.6	2464.5	2392.4	2289.8	2157.5	*2146.2*	2009.0
10°	2590.5	2589.7	2609.6	2615.2	2629.4	2602.5	2538.1	2420.0	2254.4	*2238.2*	2052.1
12.5°	2483.6	2470.2	2519.0	2576.3	2656.9	2693.0	2659.8	2538.8	2342.9	*2320.2*	2092.5
15°	2308.2	2311.0	2357.7	2446.1	2580.5	2709.3	2752.4	2654.8	2432.7	*2405.8*	2130.6
17.5°	2207.8	2197.1	2237.5	2316.7	2465.2	2647.0	2795.6	2763.1	2528.2	*2497.8*	2169.6
20°	2195.7	2195.0	2204.2	2240.3	2353.5	2557.9	2790.6	2868.5	2640.7	*2605.3*	2225.4
22.5°	2279.2	2277.8	2270.0	2262.9	2294.1	2470.9	2769.4	2968.9	2775.1	*2736.9*	2304.7
25°	2407.2	2405.1	2393.1	2349.9	2319.5	2424.2	2749.6	3062.3	2934.2	*2891.8*	2400.9
27.5°	2563.6	2562.2	2540.2	2475.1	2396.6	2428.5	2739.7	3158.5	3118.2	*3076.4*	2511.9
30°	2755.3	2752.4	2707.2	2615.2	2512.6	2495.7	2753.2	3266.7	3309.9	*3278.0*	2640.0
32.5°	2995.8	2988.0	2928.6	2789.9	2646.3	2585.5	2778.6	3377.8	3536.9	*3507.2*	2811.2
35°	3181.8	3169.8	3135.1	3012.8	2801.3	2695.9	2838.0	3509.3	3810.0	*3783.8*	3029.7
37.5°	3341.7	3329.7	3301.4	3200.9	3023.4	2836.6	2933.5	3684.8	4132.6	*4119.8*	3296.4
40°	3514.3	3494.5	3481.1	3373.5	3213.0	3039.6	3070.1	3889.9	4503.9	*4505.3*	3616.9
42.5°	3647.3	3639.5	3640.9	3558.2	3396.2	3280.2	3251.2	4121.2	4948.9	*4962.3*	4002.4
45°	3761.2	3754.8	3781.0	3723.0	3580.8	3437.9	3463.4	4383.0	5435.6	*5463.1*	4433.9
47.5°	3848.9	3856.0	3893.5	3856.0	3772.5	3549.0	3651.5	4665.2	5947.0	*5950.5*	4879.6
50°	3936.6	3939.4	4001.7	3983.3	3949.3	3689.7	3824.8	4980.7	6486.0	*6492.4*	5296.2
52.5°	3964.2	3960.0	4059.0	4104.3	4105.7	3863.7	4049.1	5324.5	7014.4	*7035.0*	5724.9
55°	3822.7	3834.7	3994.6	4178.5	4251.4	4104.3	4351.8	5759.5	7577.5	*7586.0*	6149.3
57.5°	3130.9	3197.4	3551.1	3977.6	4345.5	4448.8	4786.9	6268.2	8227.6	*8219.8*	6579.4
60°	1900.0	1979.3	2402.3	3336.0	4038.5	4794.7	5427.8	7056.2	8937.8	*8915.9*	7014.4
62.5°	1062.5	1086.5	1221.7	1997.0	3071.5	4574.7	6053.8	8068.5	9891.4	*9817.1*	7442.4
65°	783.1	790.9	822.7	978.3	1509.6	3518.5	5916.6	9278.8	11231.2	*11098.9*	7955.3
67.5°	680.5	688.3	719.4	740.6	674.1	1848.4	4874.6	9950.1	12932.4	*12759.1*	8649.2
70°	573.0	577.2	627.5	641.6	482.4	703.1	3131.6	9742.8	14507.1	*14383.3*	9394.1
72.5°	*427.3*	*444.2*	*517.1*	*551.1*	*386.9*	*373.5*	*1474.2*	*8518.4*	*14773.8*	*14775.2*	*9343.9*
75°	290.0	305.6	389.1	453.4	298.5	261.7	594.9	6360.8	12864.5	*12864.5*	8190.8
77.5°	198.1	210.8	270.9	355.8	226.4	179.7	308.4	4037.1	9229.3	*9554.0*	5838.1
80°	87.7	95.5	174.7	258.2	171.9	116.0	174.7	2210.6	5581.3	*5512.7*	2288.4
82.5°	43.2	49.5	111.8	161.3	111.1	71.4	92.0	1051.2	1808.8	*1719.0*	357.2
85°	8.5	11.3	60.1	68.6	51.6	31.8	34.7	323.3	217.9	*249.0*	75.7
87.5°	0.0	0.0	18.4	12.7	5.7	7.1	7.1	29.0	17.0	*19.8*	19.8
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: P1203482
CATALOG NUMBER: GWC-SB2C-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5	1884.5
2.5°	1890.8	1864.7	1807.4	1750.8	1692.8	1639.7	1602.9	1566.2	1543.5	1533.6	1535.0
5°	1905.7	1852.6	1732.4	1606.5	1482.0	1360.3	1269.1	1183.5	1156.6	1112.0	1114.8
7.5°	1929.0	1842.7	1653.2	1440.9	1238.6	1060.4	931.6	829.1	788.0	748.4	747.7
10°	1944.6	1824.4	1548.5	1264.8	991.0	790.9	667.8	593.5	566.6	542.6	541.9
12.5°	1951.0	1790.4	1428.2	1067.4	771.1	602.7	529.1	494.5	485.3	476.8	476.8
15°	1956.6	1757.1	1293.8	877.2	609.1	504.4	475.4	464.0	457.7	452.0	452.0
17.5°	1961.6	1714.7	1140.3	713.0	514.3	464.8	450.6	438.6	433.6	427.3	427.3
20°	1978.6	1673.7	1003.1	588.5	462.6	436.5	420.9	408.2	403.9	399.7	400.4
22.5°	2010.4	1640.4	870.1	504.4	431.5	407.5	387.6	373.5	370.7	367.8	365.7
25°	2048.6	1599.4	744.9	449.9	401.1	374.2	352.3	340.3	337.4	338.1	336.7
27.5°	2097.4	1554.1	637.4	415.2	374.2	343.1	318.3	309.1	310.5	313.4	312.0
30°	2151.2	1512.4	553.2	391.2	350.2	315.5	290.7	284.4	289.3	293.6	292.2
32.5°	2231.1	1475.6	494.5	372.1	328.9	292.9	273.1	265.3	270.9	276.6	275.2
35°	2340.0	1457.2	461.2	355.8	310.5	275.2	255.4	249.7	255.4	256.8	256.1
37.5°	2473.7	1455.8	447.1	342.4	293.6	260.3	238.4	236.3	240.5	241.2	239.8
40°	2646.3	1465.0	436.5	332.5	275.9	243.3	222.8	220.7	222.1	227.1	226.4
42.5°	2864.9	1503.2	421.6	319.7	256.8	226.4	210.1	205.1	204.4	210.1	209.4
45°	3139.4	1587.4	401.8	299.2	239.8	212.2	195.9	190.3	188.2	189.6	191.7
47.5°	3438.6	1690.7	382.0	280.1	227.8	200.9	184.6	177.6	174.0	174.0	174.0
50°	3728.6	1807.4	368.5	260.3	219.3	190.3	172.6	165.5	159.9	158.5	157.7
52.5°	4015.8	1922.0	357.9	240.5	209.4	176.8	161.3	153.5	147.1	144.3	142.9
55°	4277.6	2030.9	339.5	221.4	196.7	162.7	150.0	142.2	134.4	129.5	127.3
57.5°	4528.7	2121.5	305.6	201.6	176.8	149.3	137.9	129.5	120.3	113.9	111.1
60°	4757.2	2168.1	263.1	180.4	157.0	135.1	124.5	116.7	104.7	94.1	91.3
62.5°	4931.2	2149.7	217.2	156.3	136.5	122.4	108.9	101.2	87.0	74.3	69.3
65°	5109.5	2049.3	173.3	130.9	119.5	105.4	91.3	83.5	67.2	53.8	50.2
67.5°	5340.8	1835.0	136.5	108.9	103.3	83.5	71.4	66.5	55.2	42.4	39.6
70°	5489.3	1425.4	106.1	88.4	84.9	60.8	55.2	54.5	43.9	32.5	29.0
72.5°	*5081.9*	*934.5*	*81.3*	*67.2*	*60.8*	*39.6*	*42.4*	*42.4*	*31.8*	*21.9*	*19.1*
75°	4242.2	546.8	58.7	48.1	34.7	25.5	29.0	29.0	19.8	10.6	8.5
77.5°	3029.7	291.4	38.9	29.7	17.7	11.3	15.6	14.9	6.4	0.7	0.0
80°	1158.7	100.4	18.4	12.0	5.0	2.1	1.4	0.7	0.7	0.0	0.0
82.5°	176.8	26.2	3.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	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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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

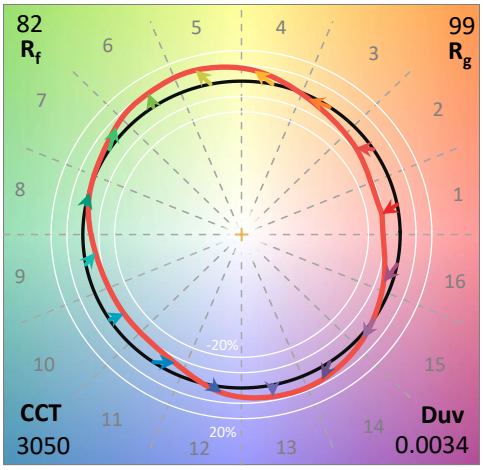
Test Information

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

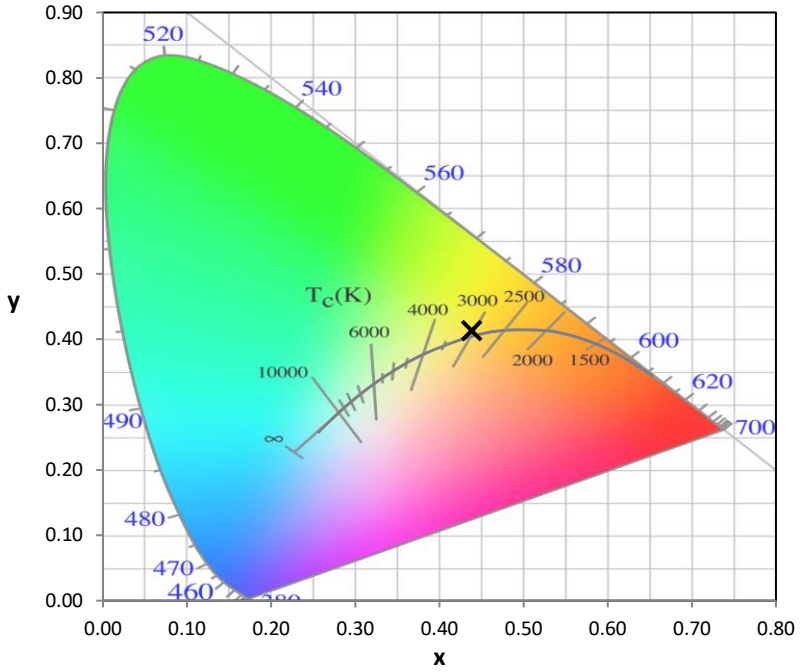
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

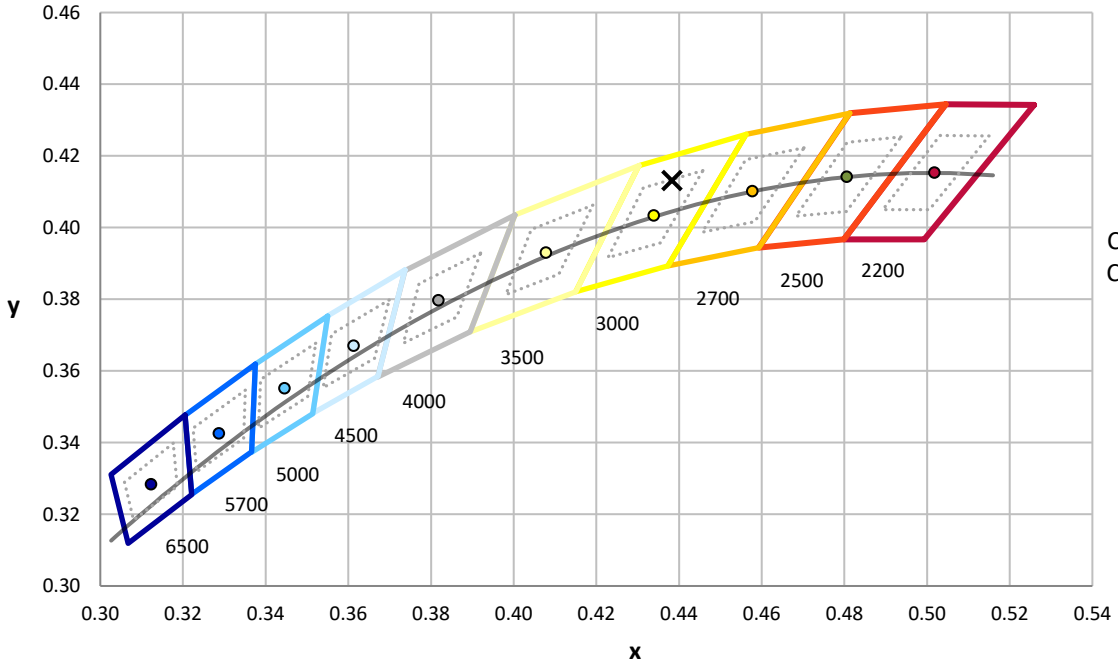
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

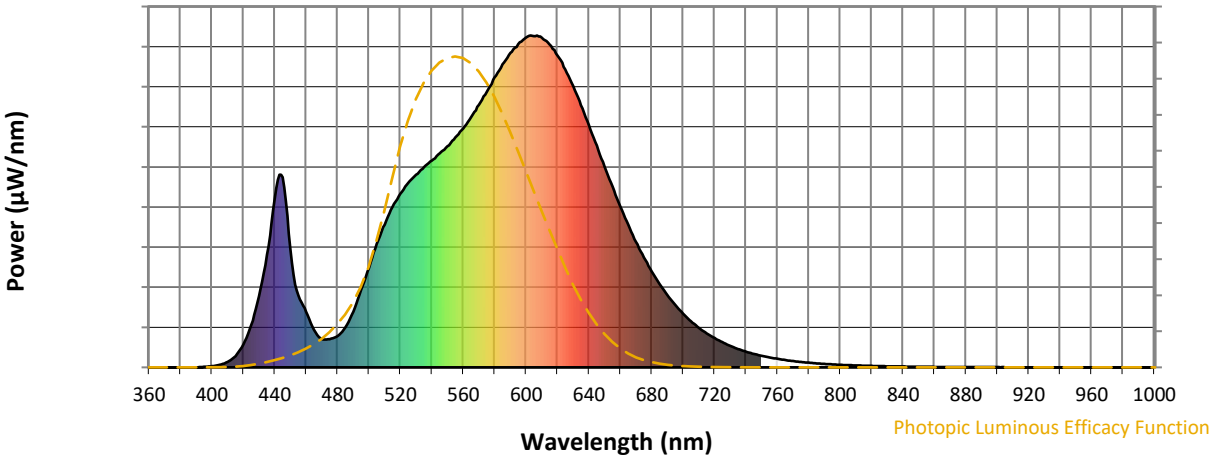


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

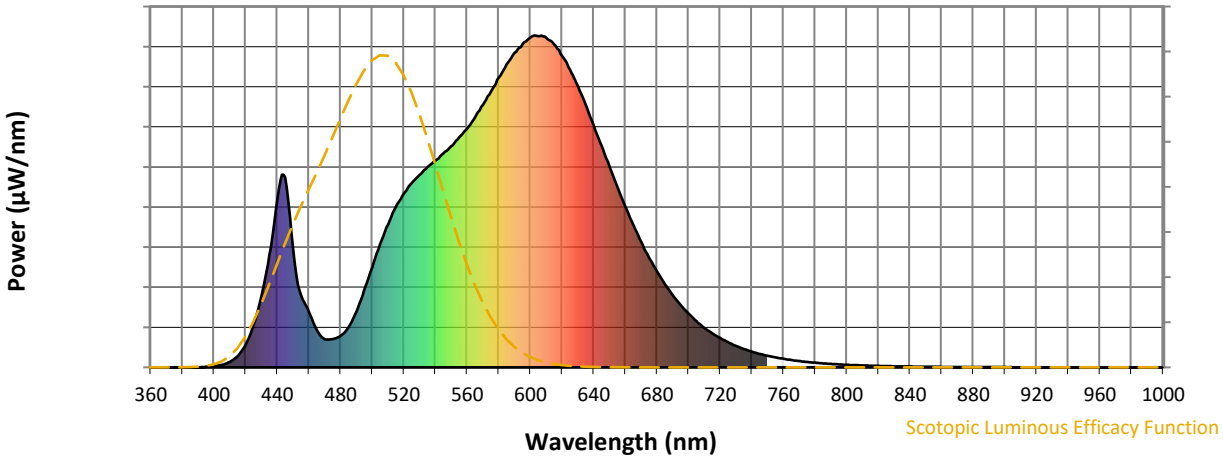


Photopic Lumens: NR

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

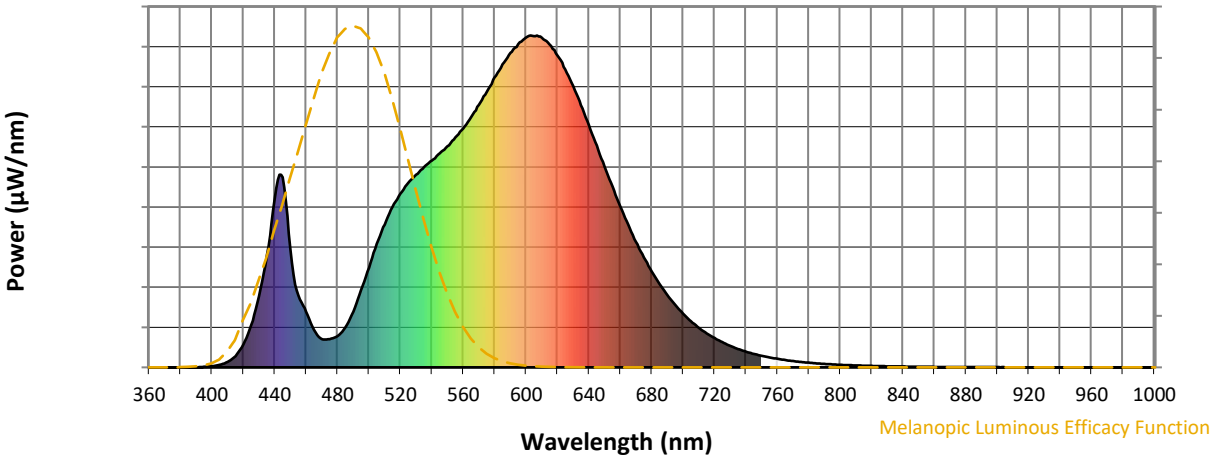


Scotopic Lumens: NR **S/P: 1.27**

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			

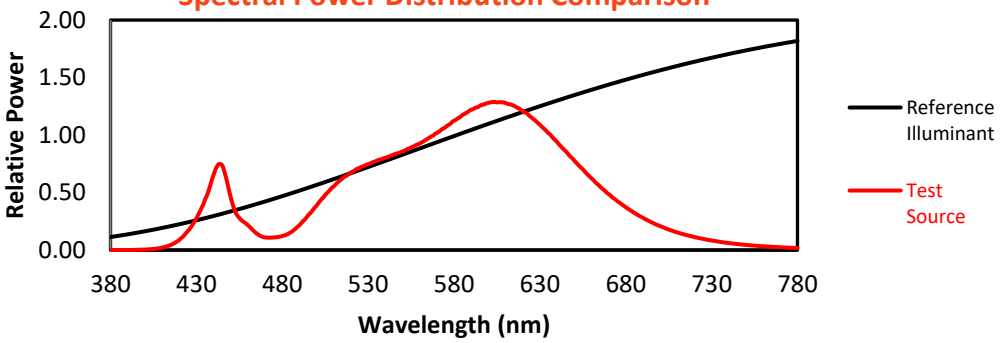
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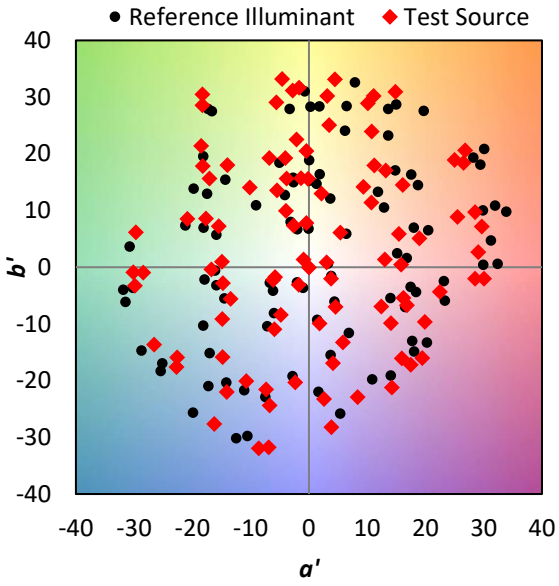
Summary

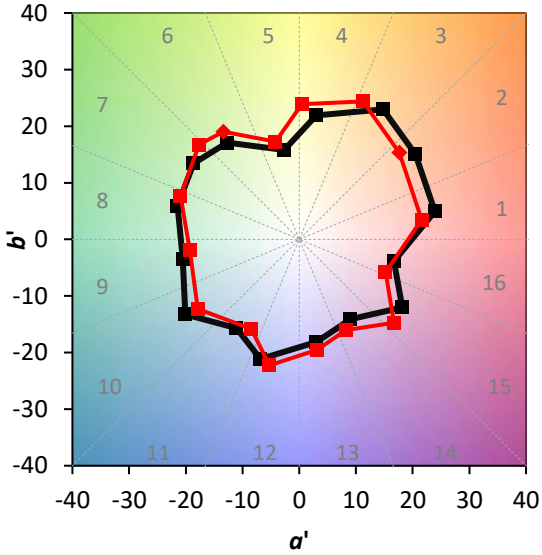
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

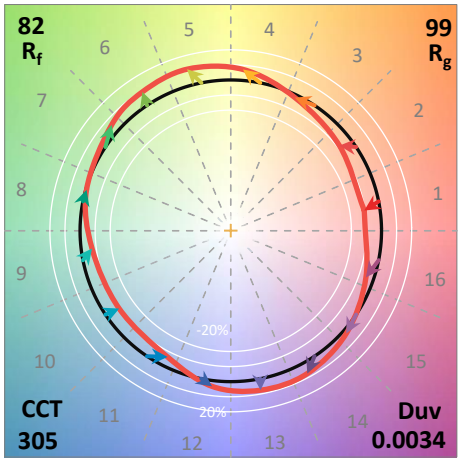
Spectral Power Distribution Comparison

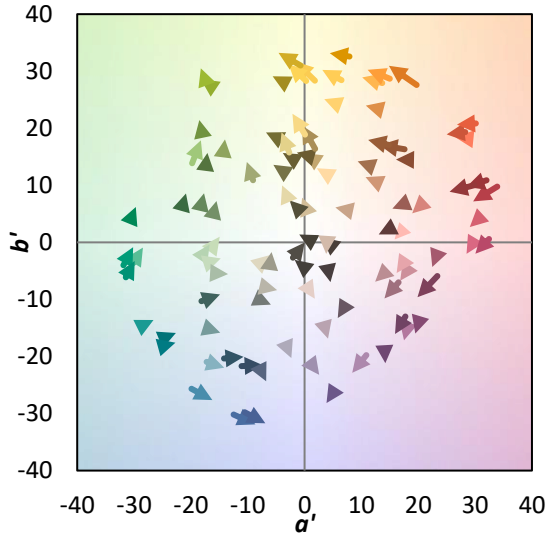


Color Vector Graphics







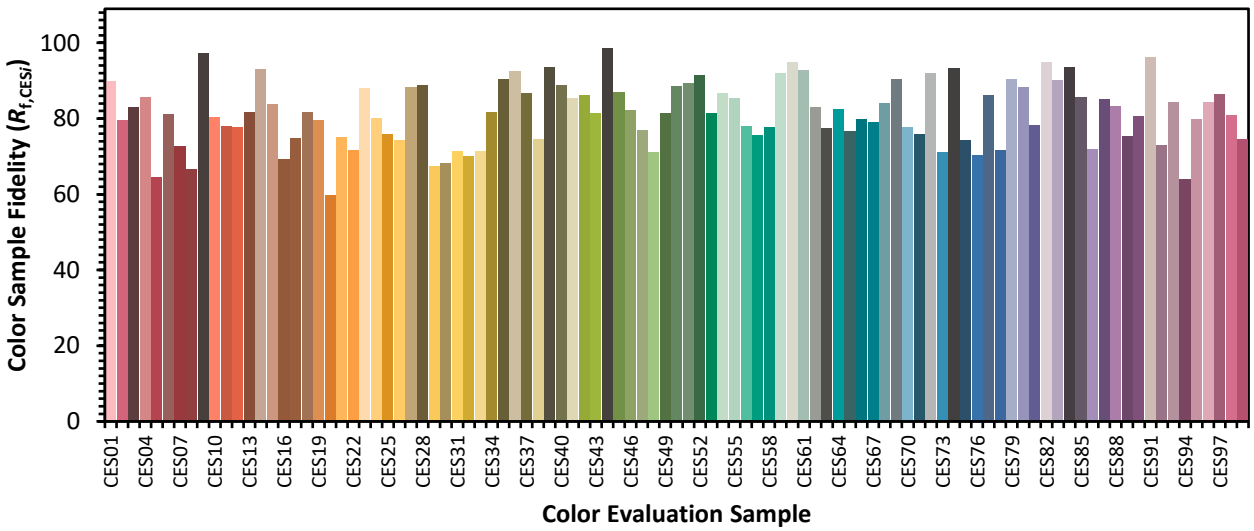


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Individual Sample Fidelity Index ($R_{f,i}$)

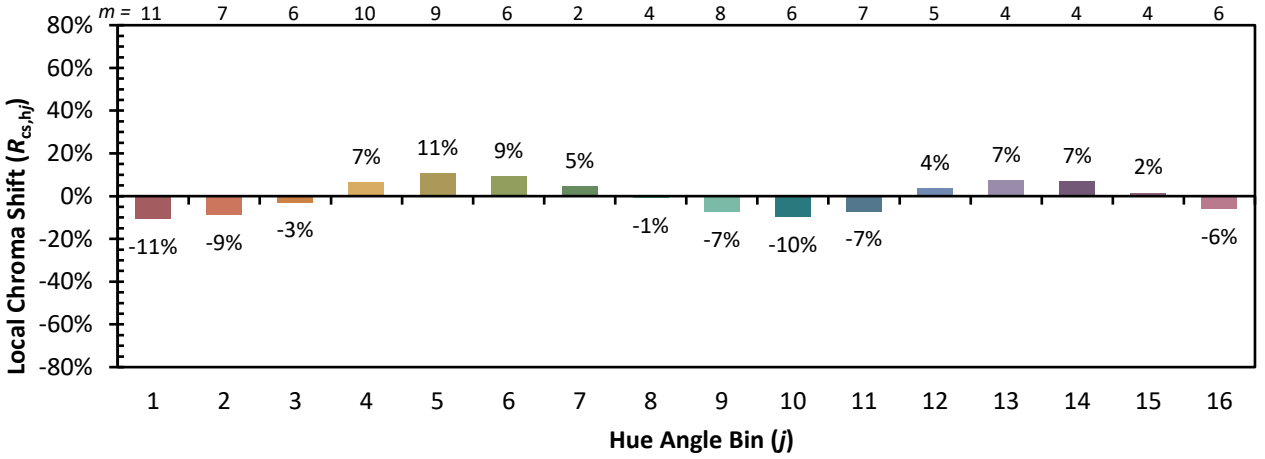
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

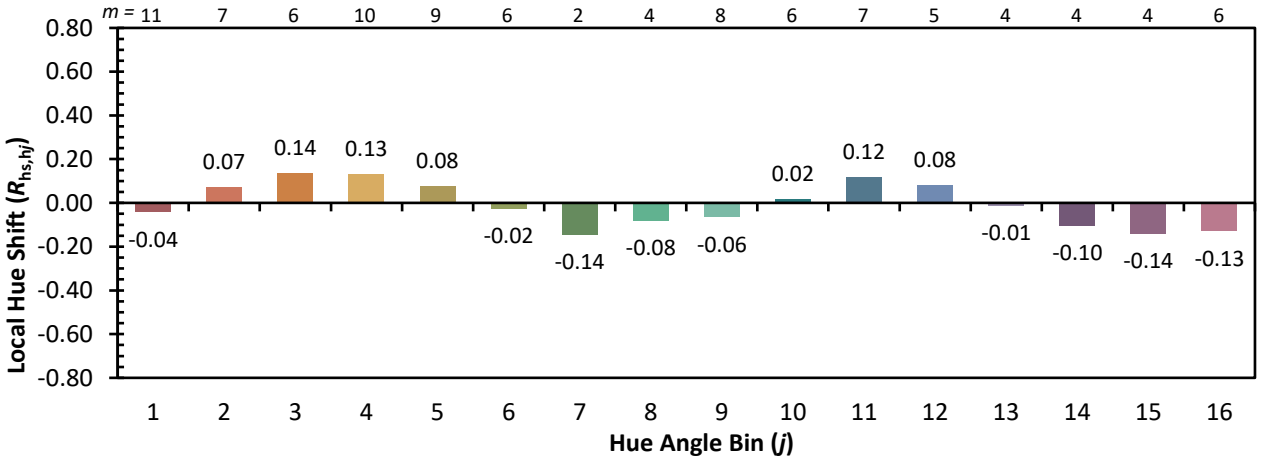


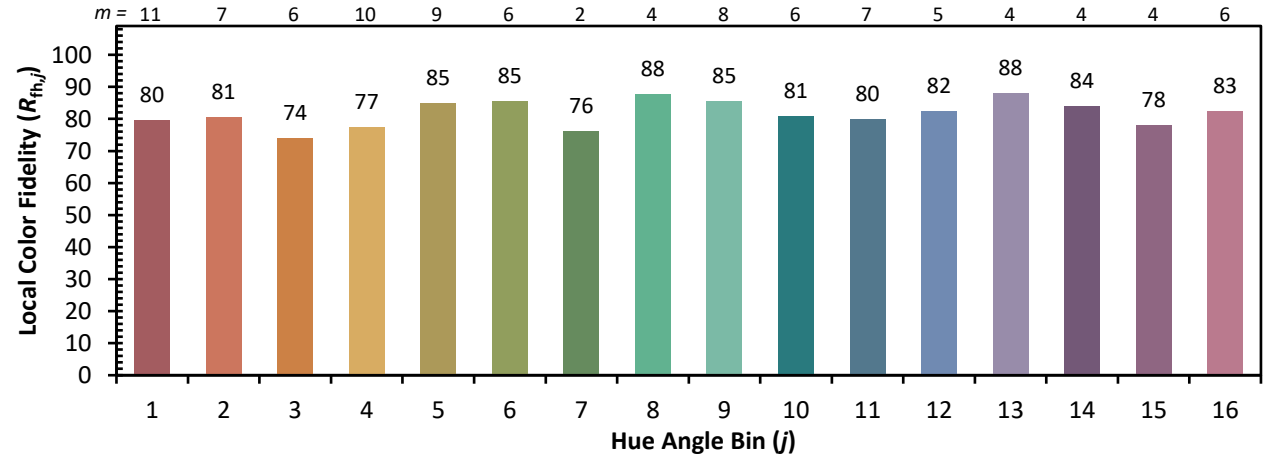
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Color Rendition by Hue-Angle Bin



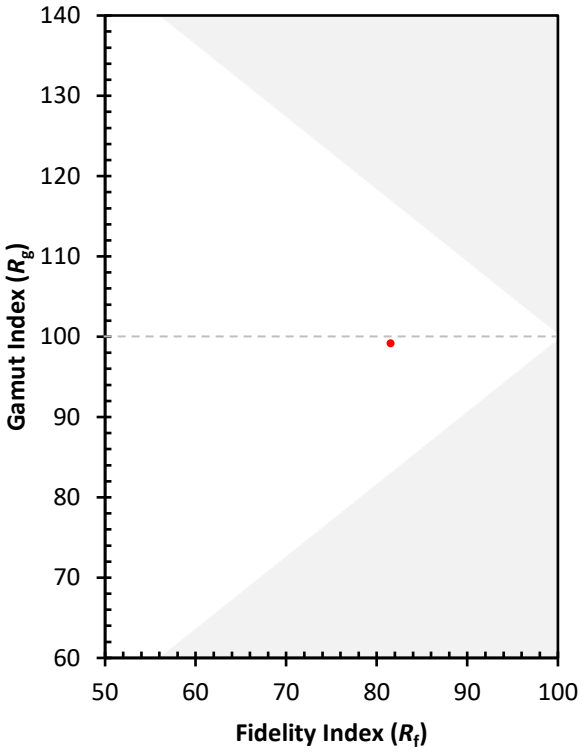


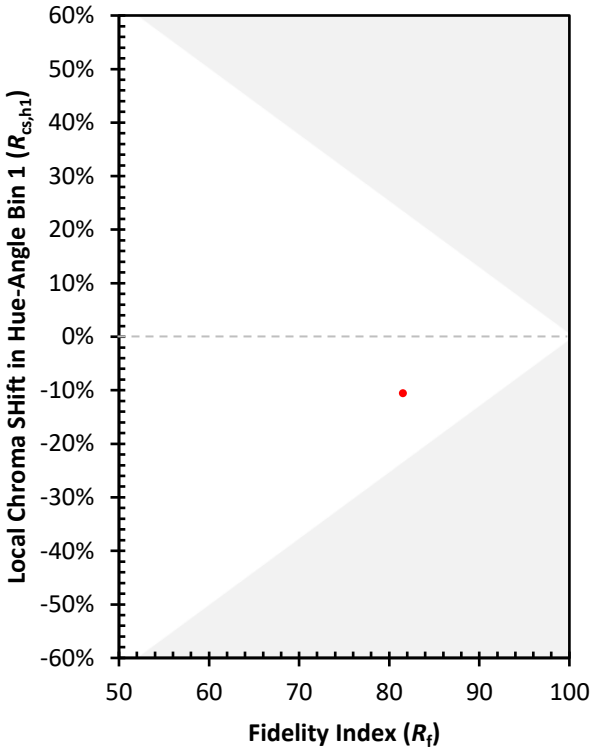


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Measure Comparisons





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