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: P1203873

Luminaire Tested: GWC-SB2D-830-U-T4W

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:	P1203873
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18246 lumens
Efficiency:	N/A
Efficacy:	123.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

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

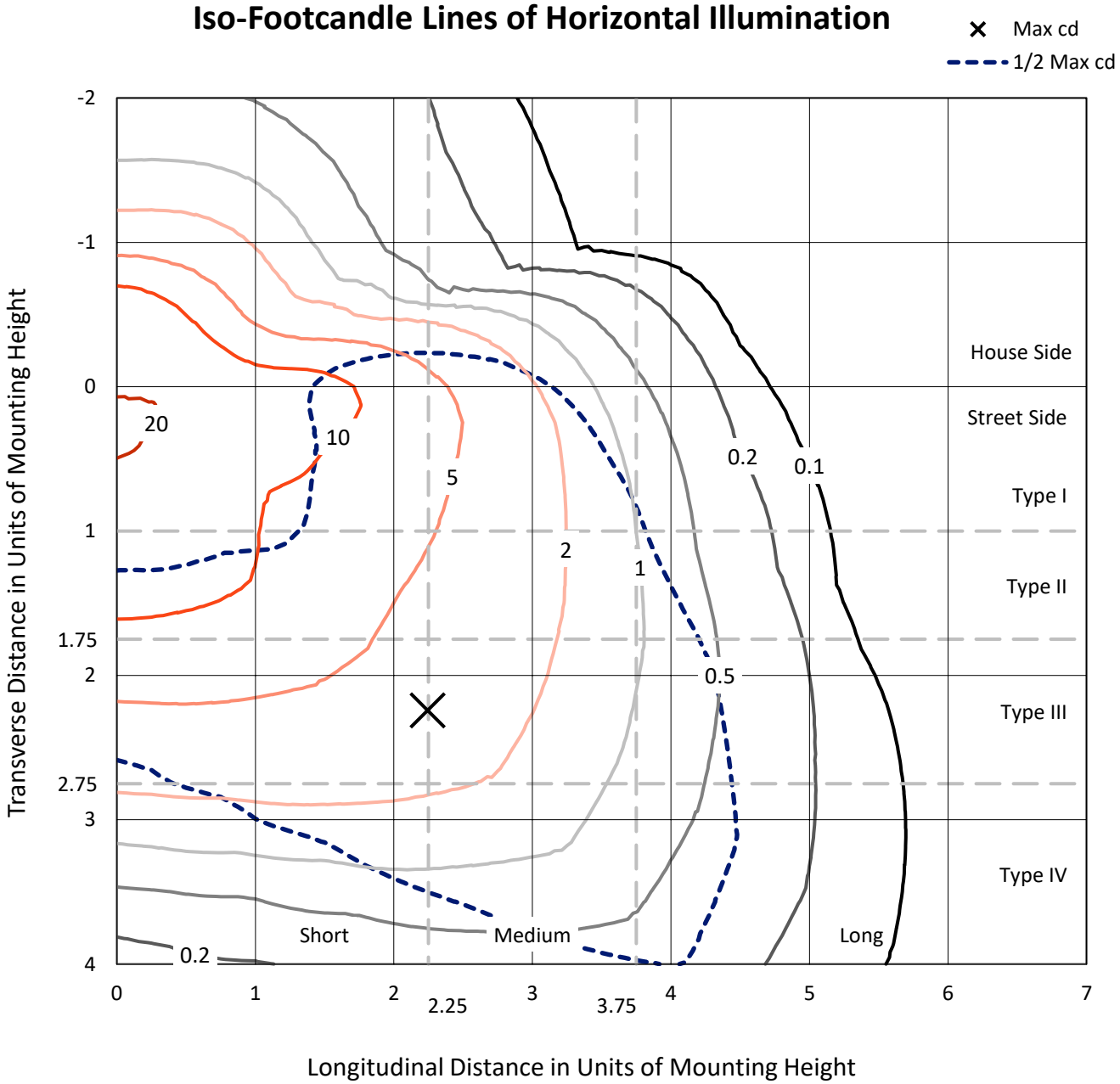


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Scaled Data Report

REPORT NUMBER: P1203873
CATALOG NUMBER: GWC-SB2D-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



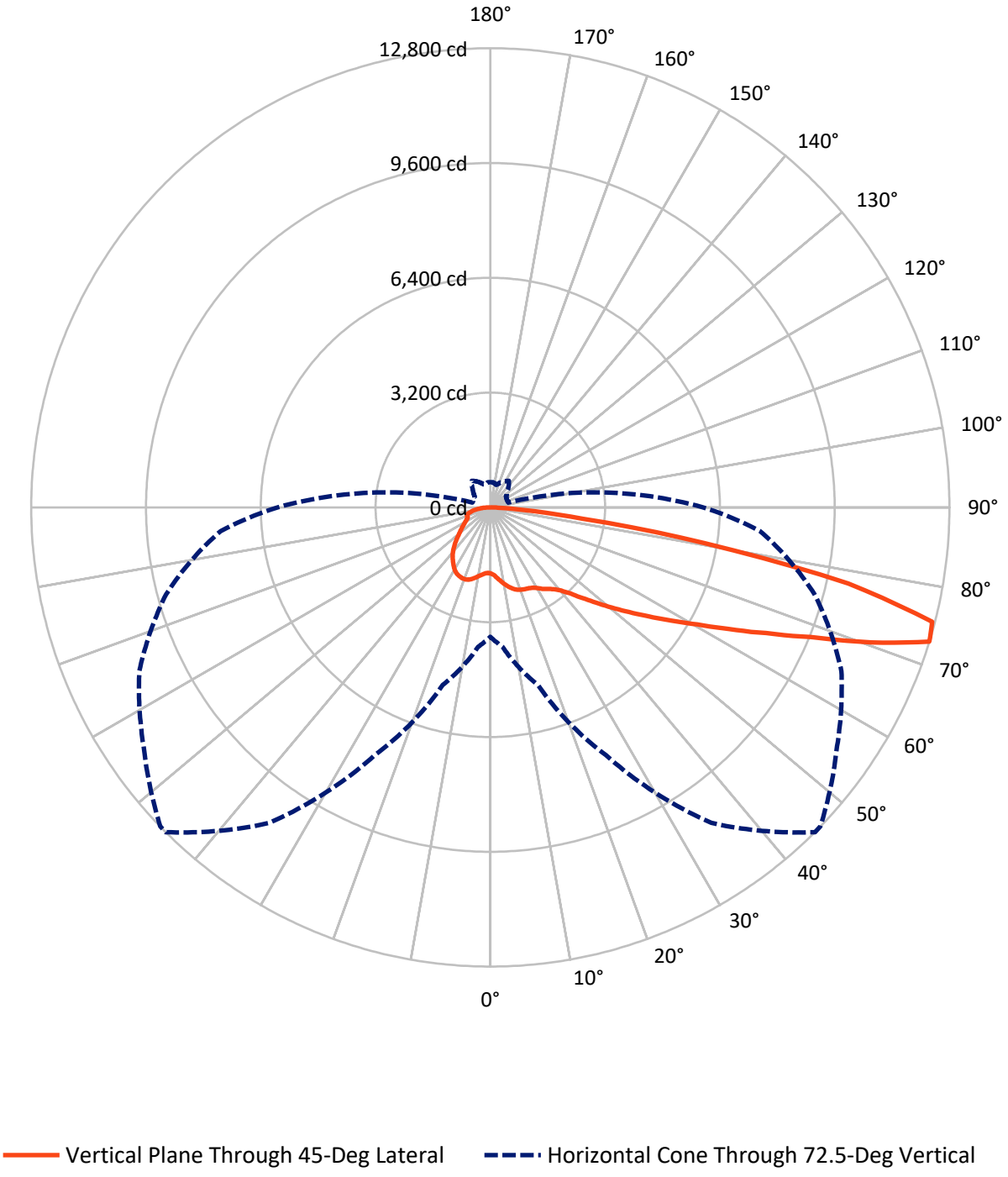
Based on 10 foot mounting height. Maximum calculated value = 21.2 fc
Type IV - Short - N/A

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REPORT NUMBER: P1203873
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Luminous Intensity Polar Plot



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Scaled Data Report

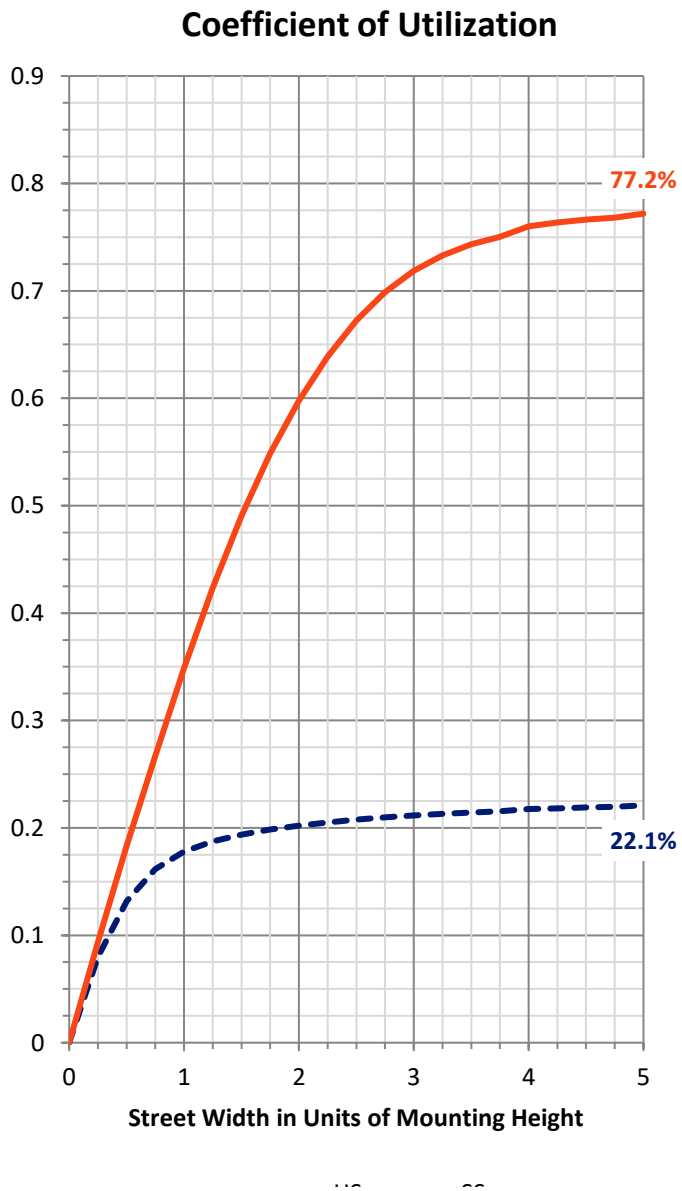
REPORT NUMBER: P1203873
CATALOG NUMBER: GWC-SB2D-830-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4124.8	0.0	4124.8
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	14121.2	0.0	14121.2
	% Fixture	77.4	0.0	77.4
Total	Lumens	18246.0	0.0	18246.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.3	1.0
10°-20°	624.6	3.4
20°-30°	1086.6	6.0
30°-40°	1557.7	8.5
40°-50°	2193.3	12.0
50°-60°	3359.5	18.4
60°-70°	4866.7	26.7
70°-80°	3886.3	21.3
80°-90°	484.0	2.7
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°	18246.0	100.0
0°-180°	18246.0	100.0



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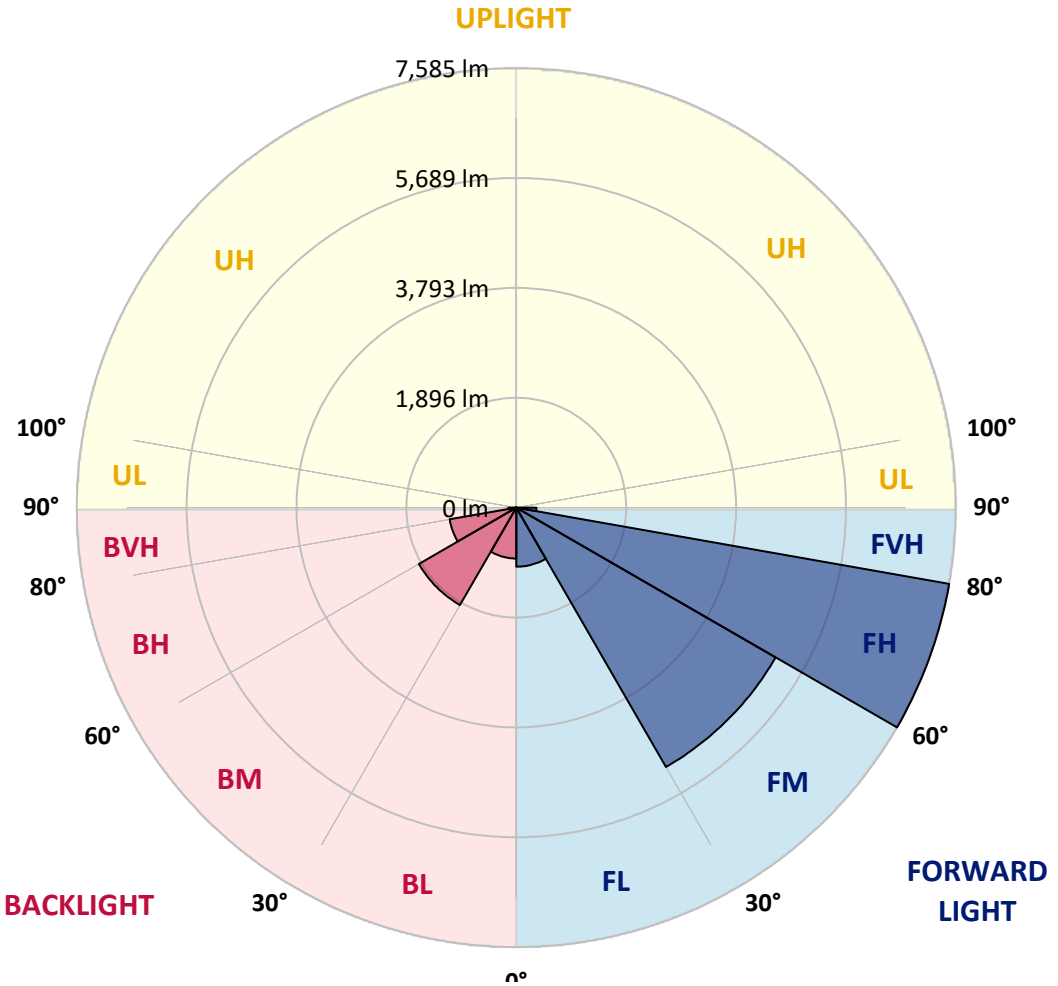
Scaled Data Report

REPORT NUMBER: P1203873
CATALOG NUMBER: GWC-SB2D-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1020.3	5.6			
FM	(30°-60°)	5168.2	28.3			
FH	(60°-80°)	7585.4	41.6			G4/12000
FVH	(80°-90°)	347.2	1.9			G3/500
BL	(0°-30°)	878.2	4.8	B2/1000		
BM	(30°-60°)	1942.2	10.6	B2/2500		
BH	(60°-80°)	1167.6	6.4	B3/2500		G3/2500
BVH	(80°-90°)	136.8	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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REPORT NUMBER: P1203873
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1840.7	1840.7	1840.7	1840.7	1840.7	*1840.7*	1840.7	1840.7	1840.7	1840.7	1840.7
2.5°	1912.8	1925.3	1913.7	1903.1	1898.3	*1885.8*	1884.9	1877.2	1872.4	1858.9	1855.1
5°	2046.4	2062.7	2043.5	2022.3	2003.1	*1972.3*	1968.5	1946.4	1921.4	1892.6	1876.2
7.5°	2197.3	2211.7	2189.6	2157.9	2124.2	*2073.3*	2072.3	2031.9	1992.5	1943.5	1915.6
10°	2328.9	2348.2	2318.4	2275.1	2232.8	*2175.2*	2168.4	2122.3	2072.3	2008.9	1966.6
12.5°	2445.3	2458.7	2429.9	2377.0	2328.0	*2270.3*	2261.7	2210.7	2155.0	2082.9	2029.1
15°	2537.5	2554.8	2516.4	2459.7	2407.8	*2351.1*	2343.4	2297.2	2241.5	2165.5	2096.3
17.5°	2598.1	2612.5	2573.1	2509.6	2459.7	*2412.6*	2406.8	2368.4	2319.3	2242.4	2168.4
20°	2621.1	2636.5	2595.2	2530.8	2484.7	*2448.1*	2445.3	2417.4	2383.7	2313.6	2238.6
22.5°	2644.2	2658.6	2604.8	2537.5	2497.2	*2474.1*	2473.1	2454.9	2441.4	2383.7	2310.7
25°	2737.5	2741.3	2669.2	2572.1	2514.5	*2494.3*	2493.3	2492.3	2498.1	2452.9	2388.5
27.5°	2818.2	2817.2	2755.7	2664.4	2575.0	*2532.7*	2531.8	2541.4	2559.6	2522.1	2469.3
30°	2936.4	2925.8	2852.8	2757.6	2675.9	*2610.6*	2604.8	2596.2	2610.6	2580.8	2550.0
32.5°	3187.3	3153.6	3035.4	2866.2	2759.6	*2709.6*	2701.9	2648.1	2653.8	2635.6	2620.2
35°	3546.8	3502.6	3344.9	3071.9	2863.4	*2792.2*	2788.4	2720.1	2708.6	2692.3	2698.0
37.5°	3974.5	3919.7	3736.1	3369.9	3042.1	*2888.4*	2882.6	2821.1	2774.0	2756.7	2789.4
40°	4404.1	4334.9	4183.1	3733.2	3305.5	*3048.9*	3030.6	2937.4	2883.6	2854.7	2923.9
42.5°	4821.3	4763.6	4633.9	4140.8	3630.4	*3283.4*	3243.0	3083.5	3043.1	3016.2	3141.1
45°	5190.4	5138.5	5043.3	4576.2	4011.0	*3602.5*	3563.1	3302.6	3290.1	3290.1	3470.8
47.5°	5490.3	5478.7	5377.8	5020.3	4459.9	*3965.8*	3897.6	3607.3	3641.0	3692.9	3938.9
50°	5822.8	5791.1	5683.5	5457.6	4987.6	*4382.0*	4326.3	3981.2	4107.1	4249.4	4615.6
52.5°	6128.5	6145.8	6025.7	5913.2	5583.5	*4846.3*	4748.2	4422.4	4694.4	4929.9	5408.6
55°	6442.8	6443.8	6410.1	6394.8	6208.3	*5359.6*	5251.9	4953.0	5385.5	5677.7	6333.2
57.5°	6737.9	6739.8	6789.8	6925.3	6933.0	*5951.6*	5829.6	5604.7	6153.5	6451.5	7286.7
60°	7001.3	7014.7	7151.2	7468.4	7570.3	*6630.2*	6514.9	6374.6	6947.4	7247.3	8289.2
62.5°	7089.7	7138.7	7442.4	7893.2	8199.9	*7462.6*	7349.2	7265.6	7781.7	8060.5	9127.4
65°	6939.7	7052.2	7639.5	8244.1	8847.7	*8451.7*	8339.2	8247.9	8648.7	8911.1	9815.6
67.5°	6571.6	6716.7	7628.0	8612.2	9633.9	*9641.6*	9536.9	9322.5	9578.2	9679.1	10039.6
70°	5601.8	5819.0	6956.1	8749.7	10536.5	*11268.9*	11168.0	10616.3	10505.7	10017.5	9409.0
72.5°	*3609.2*	*3901.4*	*5122.1*	*7618.3*	*10737.4*	*12800.1*	*12794.3*	*11784.1*	*10798.9*	*9360.0*	*7546.3*
75°	1316.8	1495.6	2379.9	4781.9	9013.0	*12722.2*	12759.7	11584.2	9857.9	7230.0	4701.1
77.5°	479.6	524.8	776.6	1837.8	5543.1	*10207.8*	10285.6	9261.0	7016.6	3628.5	1862.8
80°	251.8	276.8	397.9	713.2	2375.1	*6062.2*	6184.3	5503.7	3297.8	1092.9	558.4
82.5°	139.4	150.9	223.0	387.4	1069.8	*2592.3*	2665.4	2174.2	1160.1	463.3	230.7
85°	75.0	79.8	104.8	211.5	522.9	*898.7*	918.9	649.8	462.3	272.0	111.5
87.5°	22.1	26.9	34.6	67.3	204.7	*201.8*	206.7	128.8	182.6	137.4	36.5
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: P1203873
CATALOG NUMBER: GWC-SB2D-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7	1840.7
2.5°	1849.3	1846.4	1835.9	1831.1	1825.3	1824.3	1829.1	1830.1	1831.1	1832.0	1835.9
5°	1866.6	1857.0	1847.4	1841.6	1843.5	1844.5	1854.1	1860.9	1865.7	1869.5	1871.4
7.5°	1900.3	1892.6	1876.2	1875.3	1878.2	1886.8	1899.3	1914.7	1923.3	1930.1	1932.0
10°	1950.2	1935.8	1916.6	1919.5	1925.3	1937.7	1963.7	1976.2	1990.6	2003.1	2000.2
12.5°	2001.2	1988.7	1966.6	1968.5	1978.1	2000.2	2025.2	2040.6	2050.2	2059.8	2063.7
15°	2067.5	2045.4	2021.4	2021.4	2038.7	2062.7	2074.2	2086.7	2092.5	2103.1	2106.9
17.5°	2135.7	2106.9	2075.2	2073.3	2094.4	2106.0	2112.7	2114.6	2116.5	2128.1	2131.9
20°	2204.0	2172.3	2127.1	2123.3	2128.1	2126.1	2125.2	2123.3	2126.1	2140.6	2146.3
22.5°	2271.3	2234.8	2172.3	2155.0	2141.5	2123.3	2122.3	2121.3	2123.3	2137.7	2147.3
25°	2350.1	2305.9	2222.3	2170.4	2125.2	2100.2	2103.1	2104.0	2106.0	2117.5	2132.9
27.5°	2435.6	2386.6	2268.4	2165.5	2083.8	2066.5	2061.7	2064.6	2071.4	2089.6	2107.9
30°	2521.2	2463.5	2310.7	2146.3	2031.9	2007.9	1992.5	1999.3	2020.4	2038.7	2058.9
32.5°	2599.0	2541.4	2344.3	2104.0	1965.6	1928.1	1907.9	1916.6	1937.7	1944.5	1968.5
35°	2690.4	2625.0	2358.7	2036.7	1893.5	1835.9	1808.9	1796.5	1807.0	1800.3	1821.4
37.5°	2792.2	2724.0	2356.8	1948.3	1808.9	1742.6	1705.1	1658.0	1635.9	1612.9	1627.3
40°	2943.1	2845.1	2333.8	1841.6	1704.2	1643.6	1576.3	1496.6	1446.6	1401.4	1404.3
42.5°	3148.8	3013.3	2291.5	1724.4	1586.0	1529.2	1437.9	1344.7	1265.9	1190.9	1184.2
45°	3455.5	3233.4	2238.6	1599.4	1458.1	1402.4	1303.4	1198.6	1109.2	1013.1	1001.6
47.5°	3897.6	3529.5	2188.6	1457.2	1323.5	1272.6	1183.2	1086.1	980.4	887.2	876.6
50°	4505.1	3954.3	2142.5	1318.7	1190.9	1152.5	1081.3	982.3	875.6	800.7	795.9
52.5°	5277.9	4532.0	2123.3	1185.1	1066.9	1052.5	995.8	903.5	802.6	739.2	734.3
55°	6165.0	5223.1	2123.3	1057.3	958.3	963.1	923.7	838.2	750.7	694.0	688.2
57.5°	7070.5	5922.8	2084.8	939.1	866.0	886.2	861.2	786.2	707.4	648.8	639.2
60°	7904.8	6509.1	1929.1	831.4	784.3	816.0	799.7	735.3	639.2	590.2	582.5
62.5°	8545.9	6839.8	1629.2	745.9	717.0	753.6	744.9	668.0	626.7	606.5	599.8
65°	8866.9	6786.0	1245.7	669.9	660.3	717.0	698.8	695.9	663.2	640.1	632.5
67.5°	8669.9	6322.7	903.5	614.2	627.7	683.4	753.6	765.1	704.5	659.4	651.7
70°	7805.8	5484.5	672.8	561.3	586.3	684.4	859.3	800.7	691.1	638.2	629.6
72.5°	*5938.2*	*4089.8*	*521.9*	*505.6*	*532.5*	*689.2*	*906.4*	*784.3*	*652.6*	*705.5*	*699.7*
75°	3395.9	2245.3	419.1	437.3	465.2	644.0	882.4	742.0	622.8	647.8	647.8
77.5°	1294.7	863.1	346.0	370.1	373.9	562.3	843.9	739.2	593.1	578.6	527.7
80°	448.9	337.4	286.4	294.1	289.3	499.8	809.3	643.0	485.4	434.5	420.0
82.5°	183.6	168.2	226.8	217.2	205.7	388.3	653.6	525.8	397.0	350.8	347.0
85°	79.8	106.7	149.9	131.7	119.2	269.1	523.8	445.0	335.5	289.3	288.4
87.5°	16.3	40.4	63.4	59.6	61.5	179.7	372.0	316.2	237.4	177.8	139.4
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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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

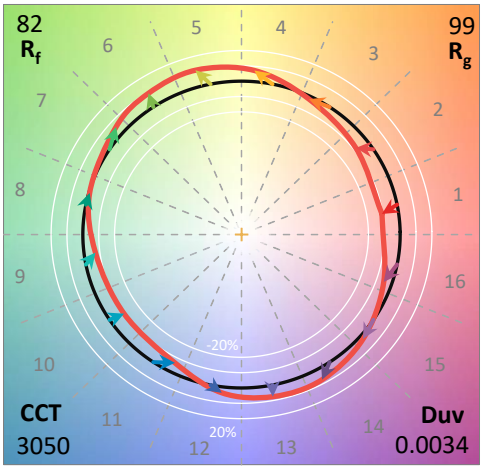
Test Information

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

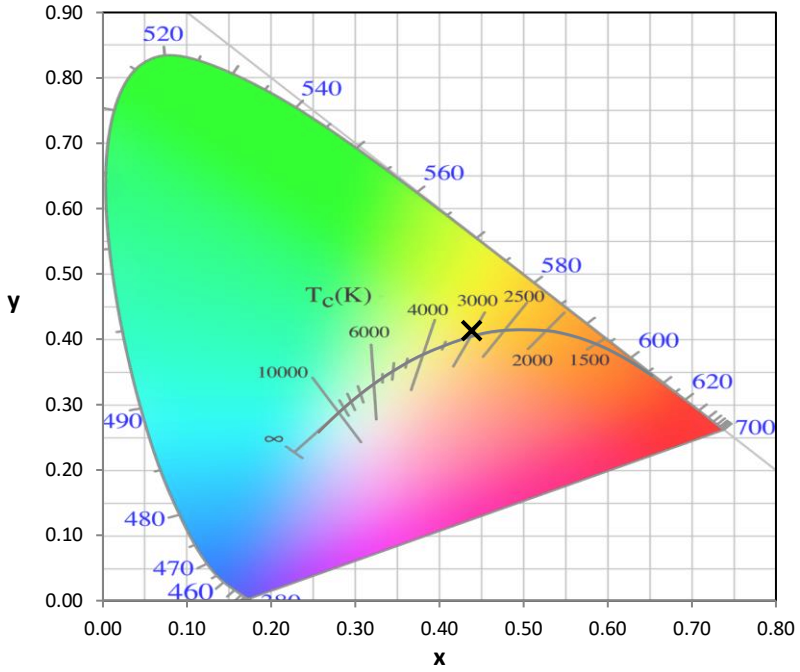
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

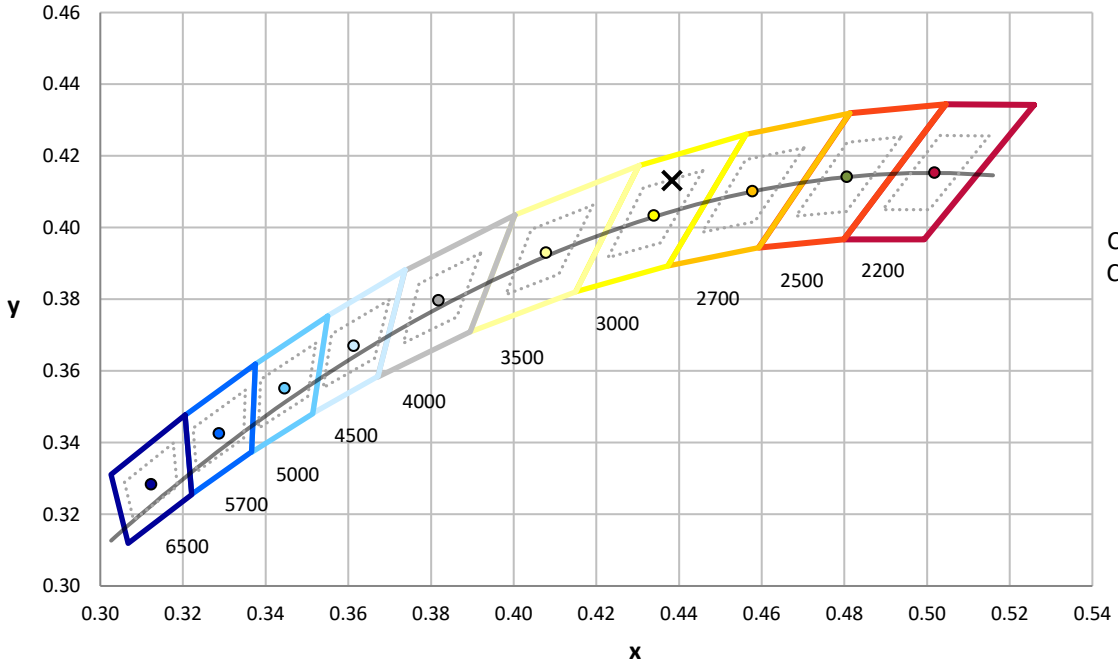
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

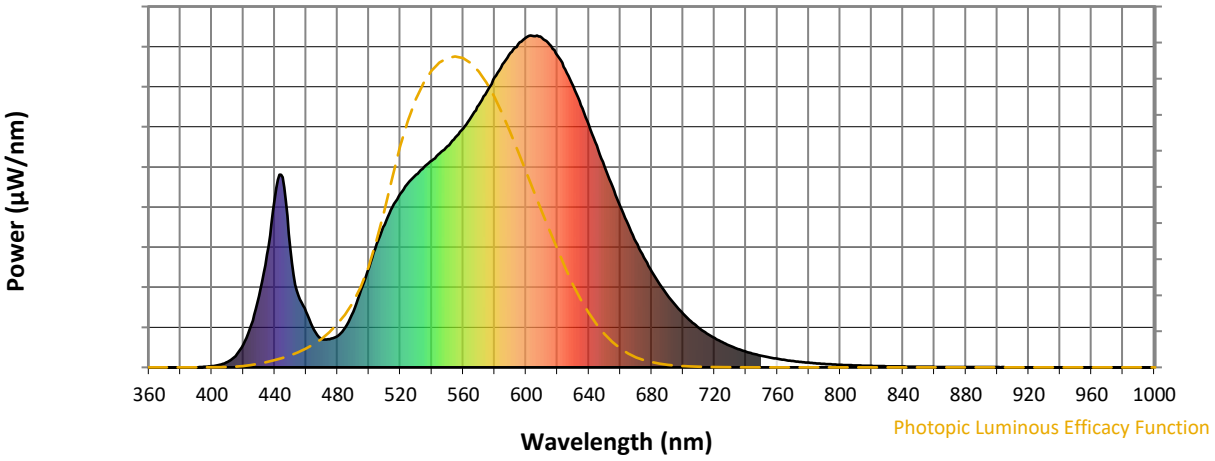


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

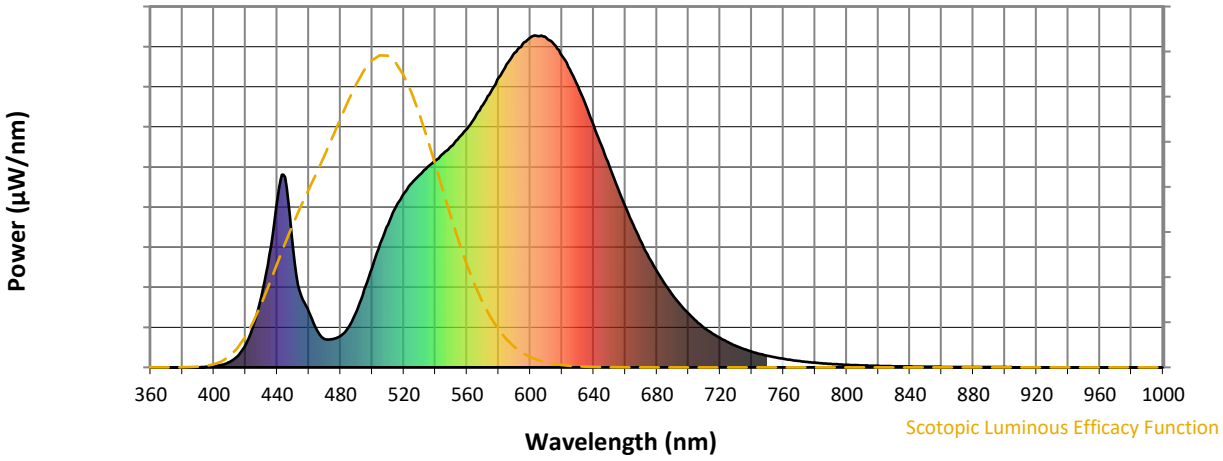


Photopic Lumens: NR

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

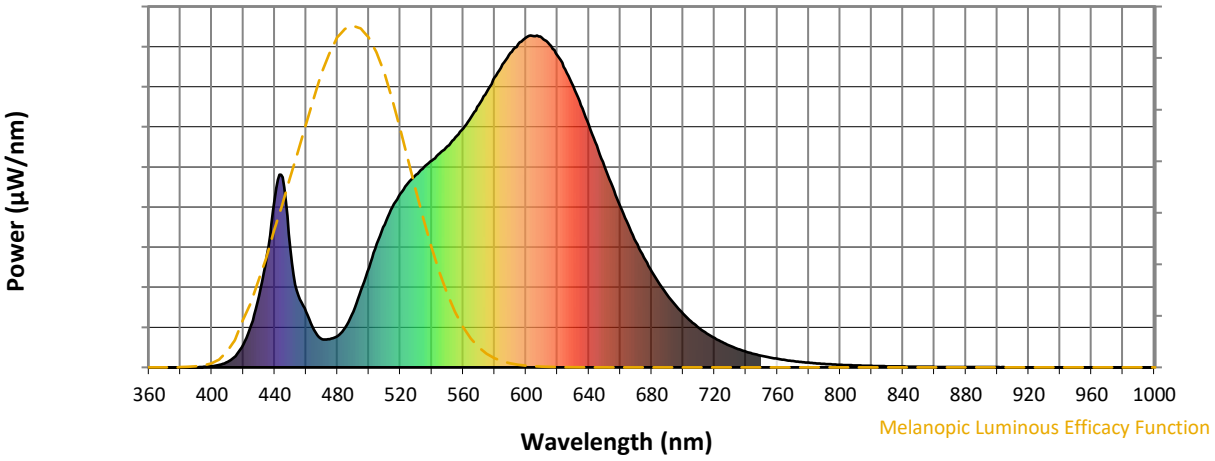


Scotopic Lumens: NR **S/P: 1.27**

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			

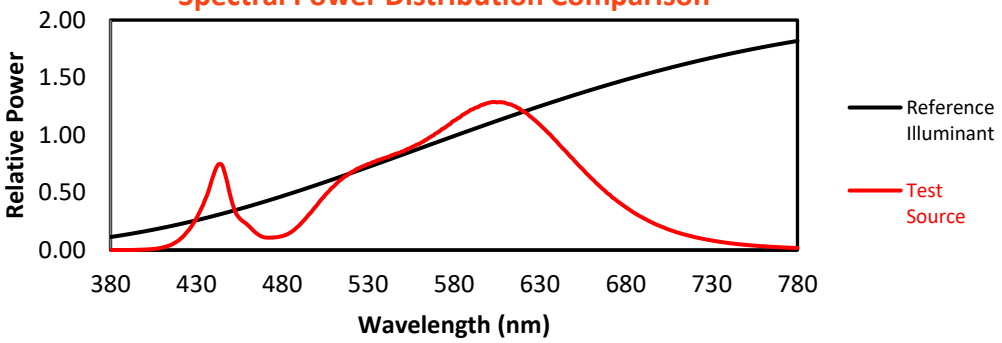
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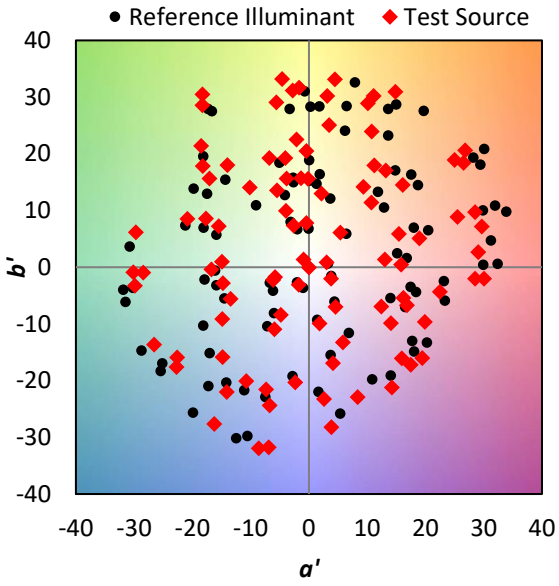
Summary

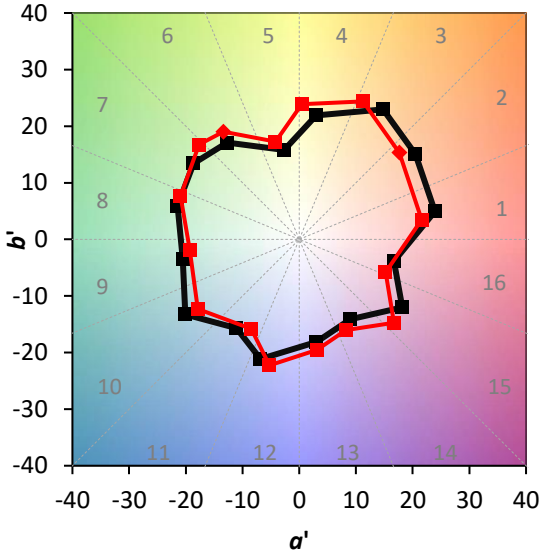
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

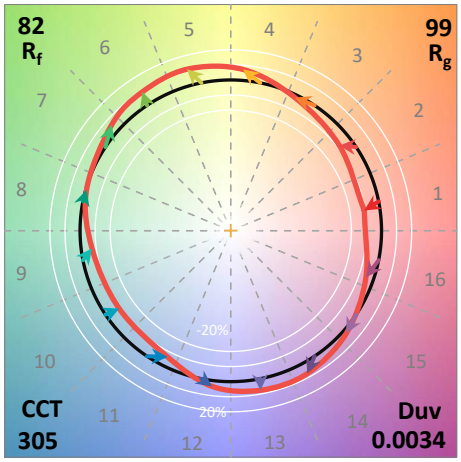
Spectral Power Distribution Comparison

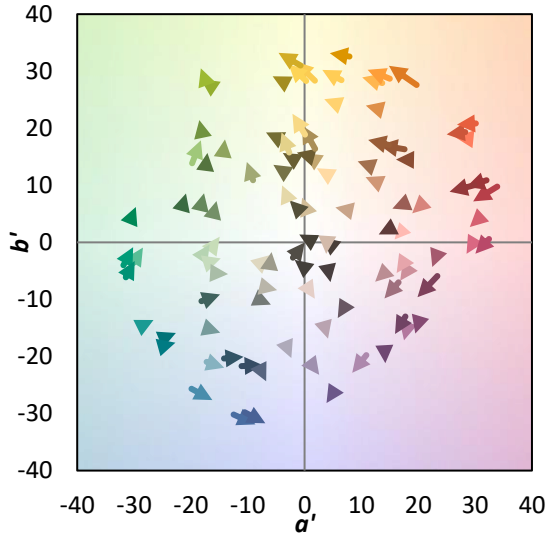


Color Vector Graphics







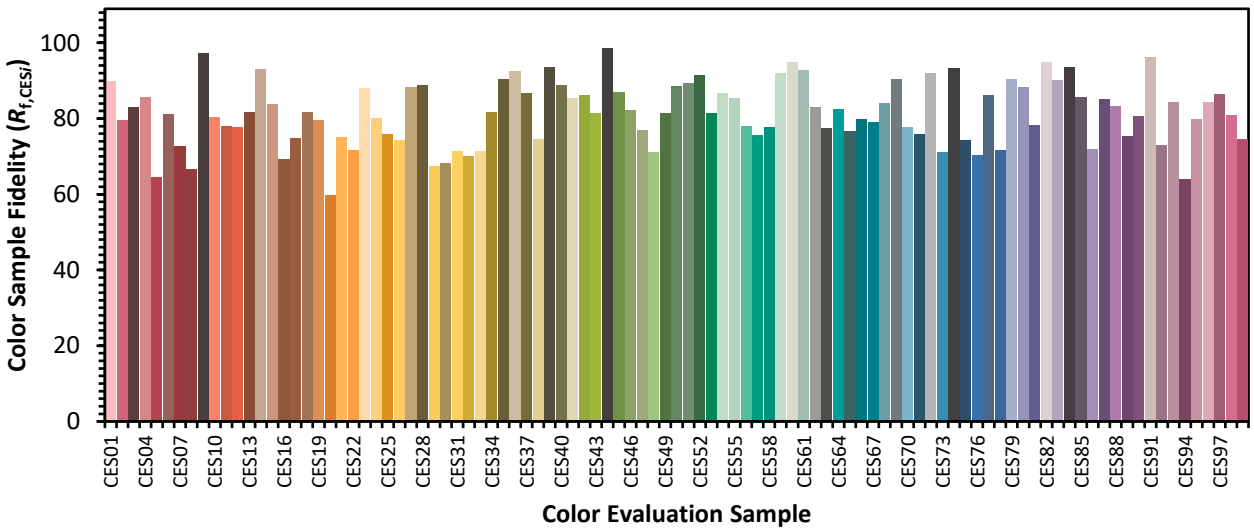


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Individual Sample Fidelity Index ($R_{f,i}$)

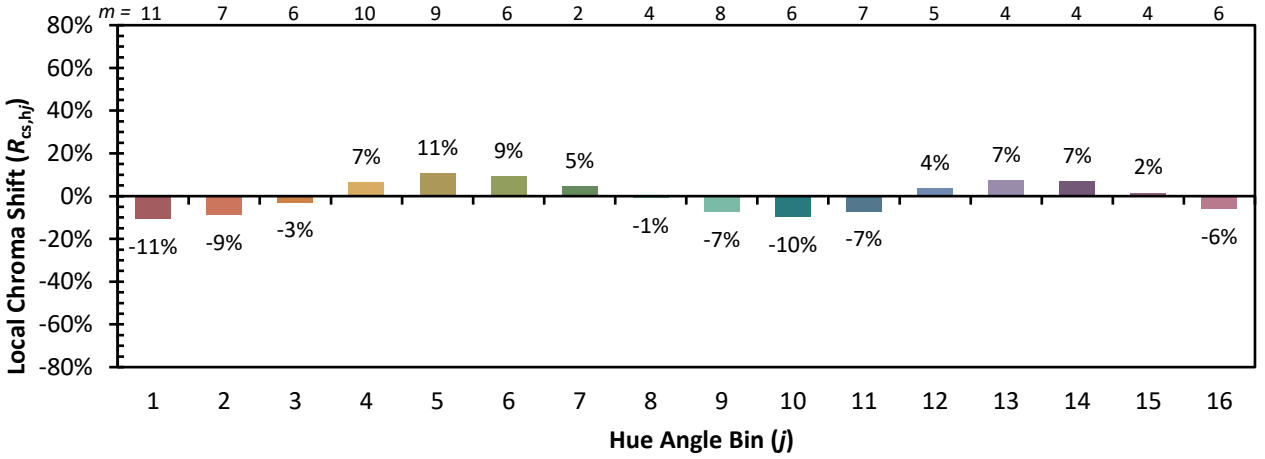
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

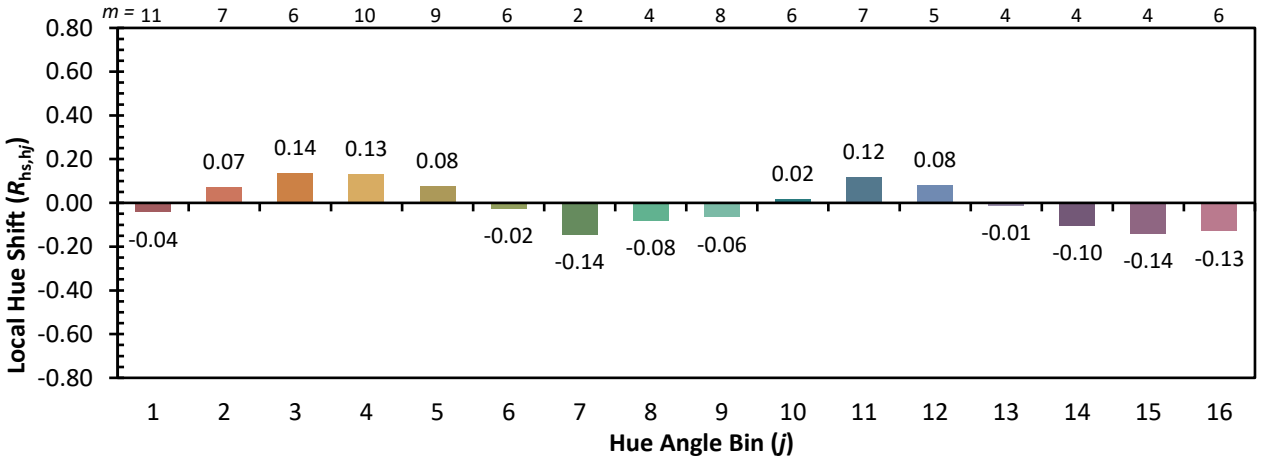


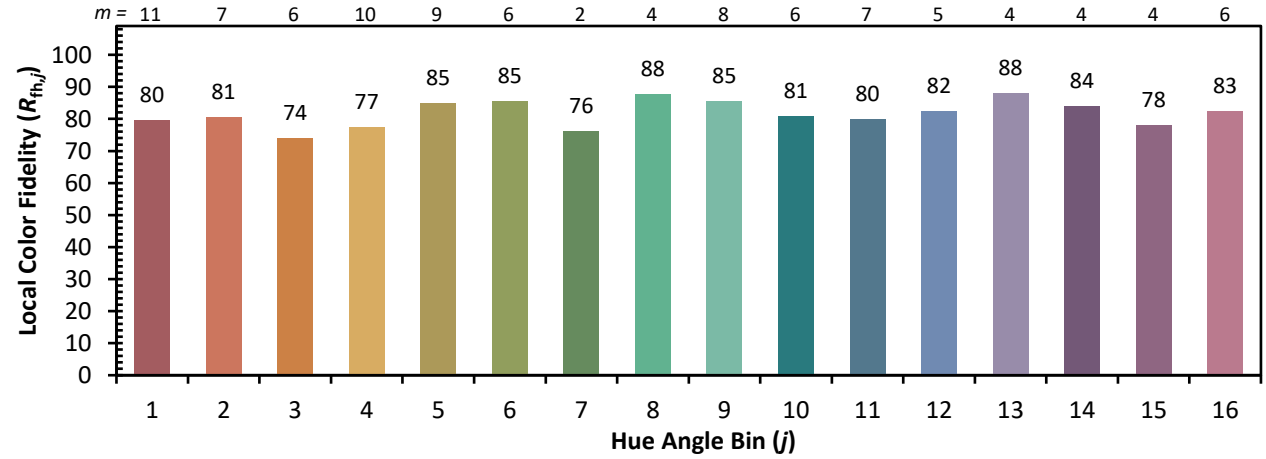
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Color Rendition by Hue-Angle Bin



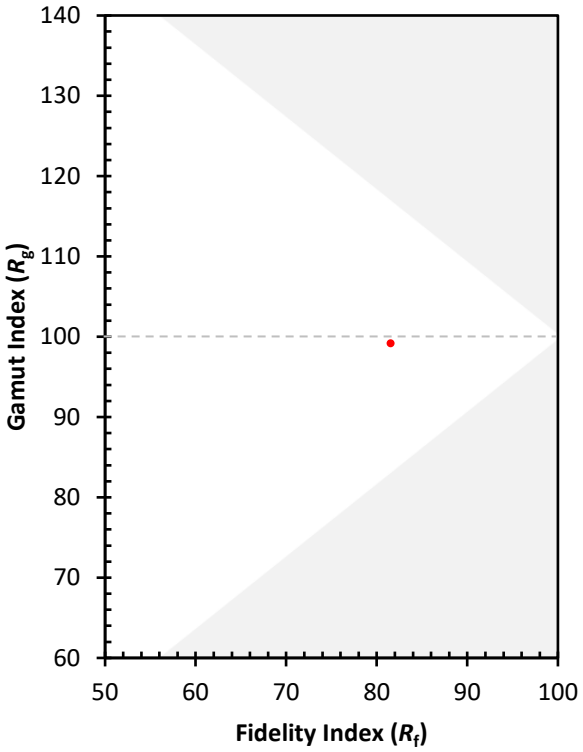


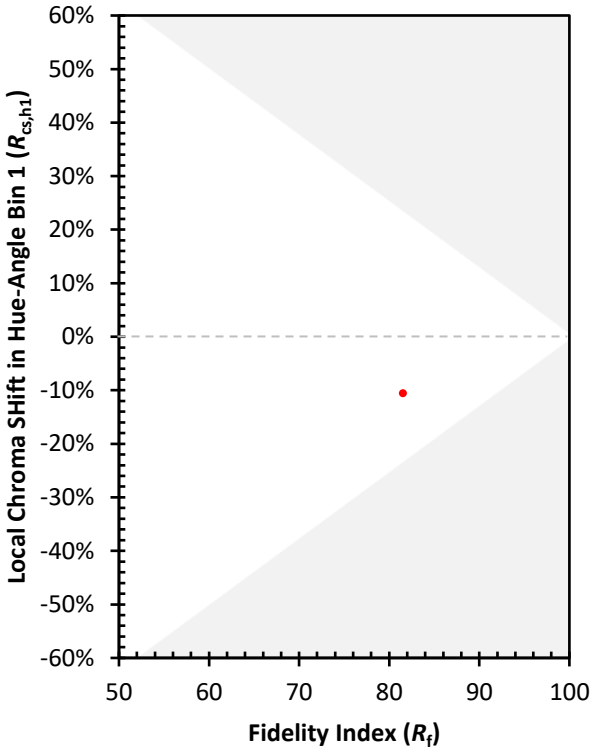


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Measure Comparisons





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