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: P1203108

Luminaire Tested: GWC-SB2B-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:	P1203108
	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-SB2B-830-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA 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:	8199 lumens
Efficiency:	N/A
Efficacy:	110.9 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

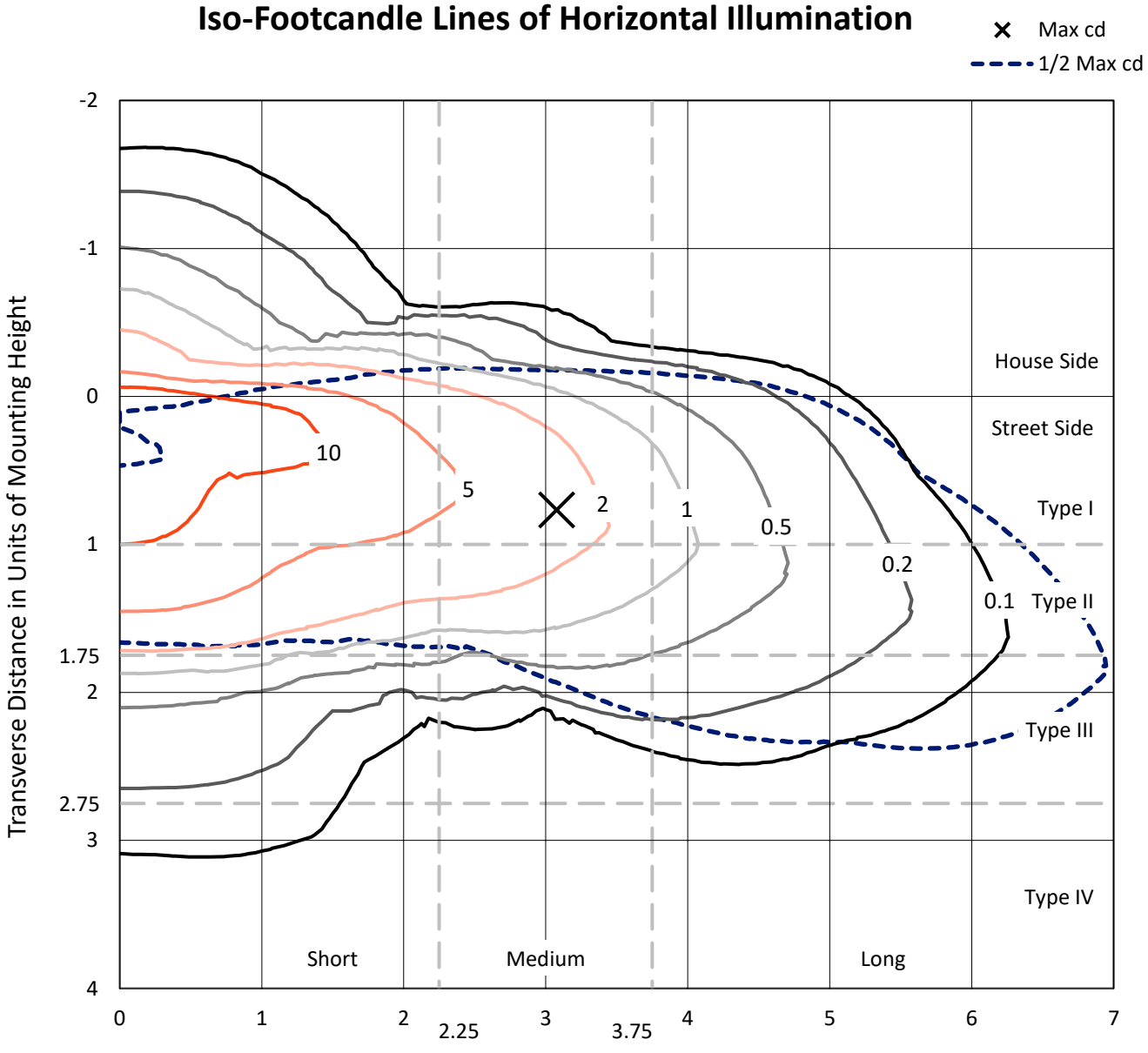


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Scaled Data Report

REPORT NUMBER: P1203108
CATALOG NUMBER: GWC-SB2B-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



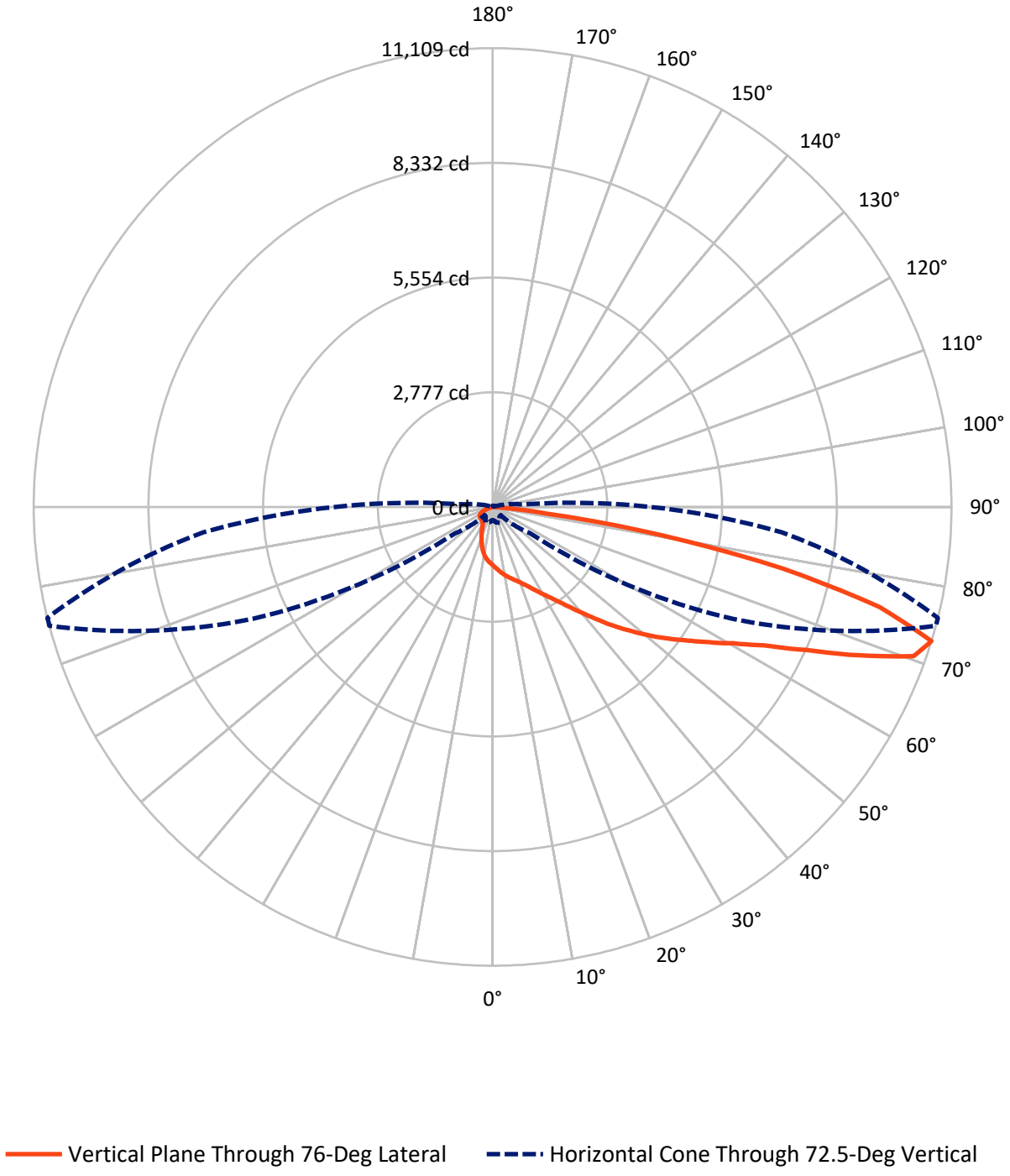
Based on 10 foot mounting height. Maximum calculated value = 12.2 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203108
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Luminous Intensity Polar Plot



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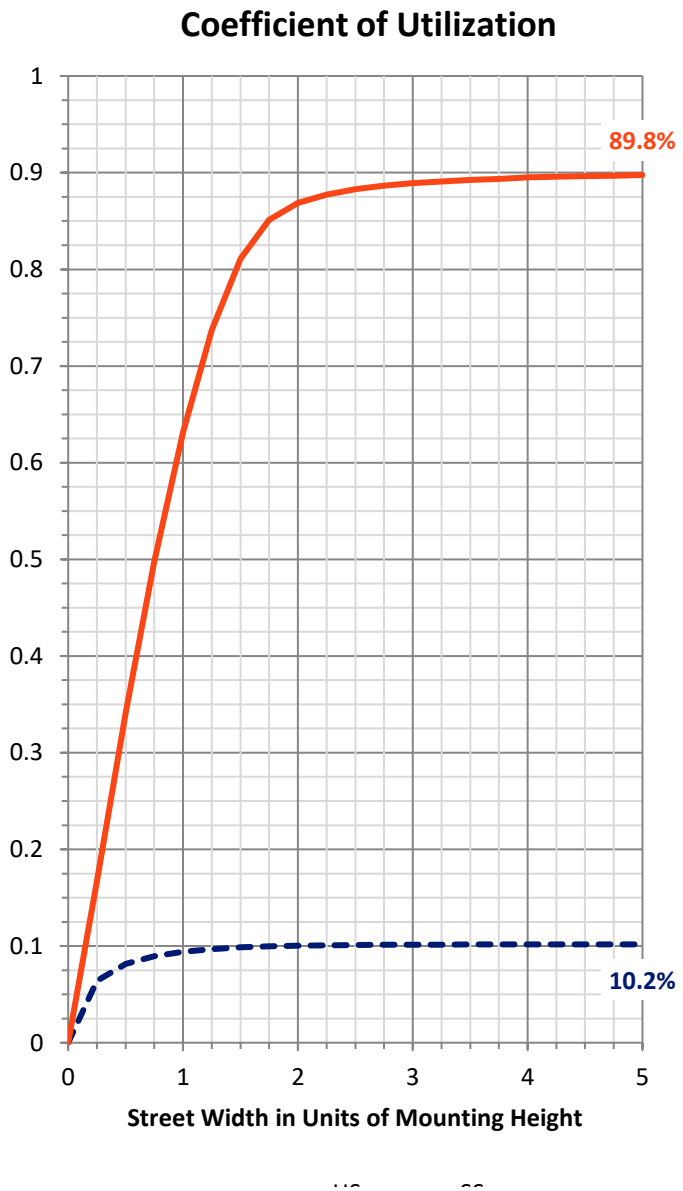
REPORT NUMBER: P1203108
CATALOG NUMBER: GWC-SB2B-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	839.2	0.0	839.2
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	7359.8	0.0	7359.8
	% Fixture	89.8	0.0	89.8
Total	Lumens	8199.0	0.0	8199.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.9	1.6
10°-20°	345.5	4.2
20°-30°	546.9	6.7
30°-40°	846.1	10.3
40°-50°	1285.1	15.7
50°-60°	1771.6	21.6
60°-70°	1871.6	22.8
70°-80°	1283.9	15.7
80°-90°	119.5	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°	8199.0	100.0
0°-180°	8199.0	100.0



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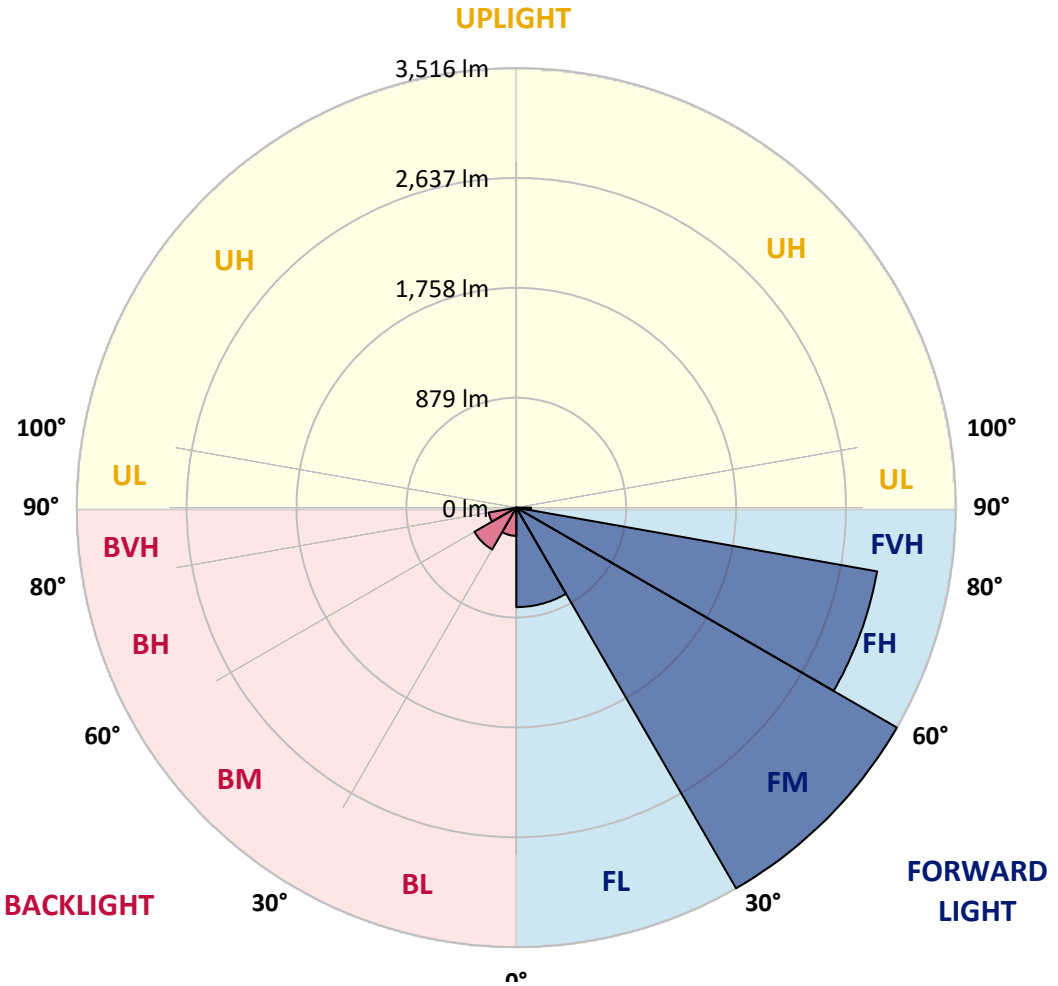
Scaled Data Report

REPORT NUMBER: P1203108
CATALOG NUMBER: GWC-SB2B-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°)	795.7	9.7			
FM	(30°-60°)	3516.4	42.9			
FH	(60°-80°)	2931.5	35.8			G2/5000
FVH	(80°-90°)	116.3	1.4			G2/225
BL	(0°-30°)	225.6	2.8	B1/500		
BM	(30°-60°)	386.4	4.7	B1/1000		
BH	(60°-80°)	224.0	2.7	B1/500		G1/500
BVH	(80°-90°)	3.2	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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REPORT NUMBER: P1203108
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	*1416.9*	1416.9
2.5°	1647.2	1625.3	1629.6	1607.8	1597.7	1573.2	1547.7	1514.2	1477.0	*1477.0*	1440.8
5°	1820.5	1806.7	1806.7	1781.2	1761.5	1723.2	1677.5	1618.4	1548.2	*1541.3*	1472.7
7.5°	1926.9	1918.4	1923.7	1908.8	1892.9	1853.0	1798.7	1721.6	1622.2	*1613.6*	1510.5
10°	1947.6	1947.1	1962.0	1966.3	1976.9	1956.7	1908.3	1819.5	1695.0	*1682.8*	1542.9
12.5°	1867.3	1857.2	1893.9	1937.0	1997.6	2024.8	1999.8	1908.8	1761.5	*1744.5*	1573.2
15°	1735.4	1737.6	1772.7	1839.2	1940.2	2037.0	2069.4	1996.0	1829.0	*1808.8*	1601.9
17.5°	1659.9	1651.9	1682.3	1741.8	1853.5	1990.2	2101.9	2077.4	1900.8	*1878.0*	1631.2
20°	1650.9	1650.3	1657.3	1684.4	1769.5	1923.2	2098.2	2156.7	1985.4	*1958.8*	1673.2
22.5°	1713.6	1712.6	1706.7	1701.4	1724.8	1857.8	2082.2	2232.2	2086.5	*2057.7*	1732.8
25°	1809.9	1808.3	1799.3	1766.8	1743.9	1822.7	2067.3	2302.4	2206.1	*2174.2*	1805.1
27.5°	1927.4	1926.4	1909.9	1861.0	1801.9	1825.9	2059.9	2374.7	2344.4	*2313.0*	1888.6
30°	2071.6	2069.4	2035.4	1966.3	1889.1	1876.4	2070.0	2456.1	2488.5	*2464.6*	1984.9
32.5°	2252.4	2246.6	2201.9	2097.6	1989.7	1943.9	2089.1	2539.6	2659.3	*2636.9*	2113.6
35°	2392.3	2383.2	2357.2	2265.2	2106.1	2026.9	2133.8	2638.5	2864.6	*2844.9*	2277.9
37.5°	2512.5	2503.4	2482.2	2406.6	2273.1	2132.7	2205.6	2770.4	3107.1	*3097.5*	2478.4
40°	2642.2	2627.4	2617.3	2536.4	2415.7	2285.4	2308.2	2924.7	3386.3	*3387.4*	2719.4
42.5°	2742.2	2736.4	2737.5	2675.2	2553.4	2466.2	2444.4	3098.6	3720.8	*3731.0*	3009.2
45°	2827.9	2823.1	2842.8	2799.1	2692.2	2584.8	2604.0	3295.4	4086.8	*4107.5*	3333.7
47.5°	2893.8	2899.1	2927.3	2899.1	2836.4	2668.3	2745.4	3507.6	4471.3	*4474.0*	3668.7
50°	2959.8	2961.9	3008.7	2994.9	2969.3	2774.1	2875.7	3744.8	4876.6	*4881.4*	3982.0
52.5°	2980.5	2977.3	3051.8	3085.8	3086.9	2905.0	3044.3	4003.3	5273.9	*5289.3*	4304.3
55°	2874.1	2883.2	3003.4	3141.7	3196.4	3085.8	3272.0	4330.4	5697.2	*5703.6*	4623.4
57.5°	2354.0	2404.0	2669.9	2990.6	3267.2	3344.8	3599.1	4712.8	6186.0	*6180.1*	4946.8
60°	1428.6	1488.1	1806.2	2508.2	3036.4	3604.9	4080.9	5305.2	6720.0	*6703.5*	5273.9
62.5°	798.8	816.9	918.5	1501.4	2309.3	3439.5	4551.6	6066.3	7436.9	*7381.1*	5595.6
65°	588.8	594.6	618.5	735.6	1135.0	2645.4	4448.4	6976.3	8444.2	*8344.8*	5981.2
67.5°	511.6	517.5	540.9	556.9	506.9	1389.7	3665.0	7481.1	9723.4	*9593.0*	6503.0
70°	430.8	434.0	471.8	482.4	362.7	528.7	2354.5	7325.2	10907.3	*10814.2*	7063.0
72.5°	*321.2*	*334.0*	*388.8*	*414.3*	*290.9*	*280.8*	*1108.4*	*6404.6*	*11107.8*	*11108.8*	*7025.3*
75°	218.1	229.8	292.5	340.9	224.4	196.8	447.3	4782.4	9672.3	*9672.3*	6158.3
77.5°	148.9	158.5	203.7	267.5	170.2	135.1	231.9	3035.3	6939.1	*7183.2*	4389.4
80°	65.9	71.8	131.4	194.1	129.2	87.2	131.4	1662.0	4196.3	*4144.7*	1720.5
82.5°	32.4	37.2	84.0	121.3	83.5	53.7	69.1	790.3	1360.0	*1292.4*	268.6
85°	6.4	8.5	45.2	51.6	38.8	23.9	26.1	243.1	163.8	*187.2*	56.9
87.5°	0.0	0.0	13.8	9.6	4.3	5.3	5.3	21.8	12.8	*14.9*	14.9
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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REPORT NUMBER: P1203108
CATALOG NUMBER: GWC-SB2B-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9	1416.9
2.5°	1421.6	1402.0	1358.9	1316.3	1272.7	1232.8	1205.2	1177.5	1160.5	1153.1	1154.1
5°	1432.8	1392.9	1302.5	1207.8	1114.2	1022.8	954.1	889.8	869.6	836.1	838.2
7.5°	1450.4	1385.5	1242.9	1083.4	931.3	797.2	700.5	623.3	592.5	562.7	562.2
10°	1462.1	1371.7	1164.2	951.0	745.1	594.6	502.1	446.2	426.0	407.9	407.4
12.5°	1466.9	1346.1	1073.8	802.6	579.7	453.1	397.8	371.8	364.9	358.5	358.5
15°	1471.1	1321.1	972.8	659.5	457.9	379.2	357.4	348.9	344.1	339.9	339.9
17.5°	1474.8	1289.2	857.3	536.1	386.7	349.4	338.8	329.7	326.0	321.2	321.2
20°	1487.6	1258.4	754.2	442.5	347.8	328.2	316.5	306.9	303.7	300.5	301.0
22.5°	1511.5	1233.4	654.2	379.2	324.4	306.3	291.5	280.8	278.7	276.6	275.0
25°	1540.2	1202.5	560.0	338.3	301.6	281.4	264.9	255.8	253.7	254.2	253.2
27.5°	1576.9	1168.5	479.2	312.2	281.4	257.9	239.3	232.4	233.5	235.6	234.5
30°	1617.4	1137.1	415.9	294.1	263.3	237.2	218.6	213.8	217.5	220.7	219.7
32.5°	1677.5	1109.4	371.8	279.8	247.3	220.2	205.3	199.4	203.7	208.0	206.9
35°	1759.4	1095.6	346.8	267.5	233.5	206.9	192.0	187.7	192.0	193.1	192.5
37.5°	1859.9	1094.6	336.1	257.4	220.7	195.7	179.2	177.6	180.8	181.4	180.3
40°	1989.7	1101.5	328.2	250.0	207.4	183.0	167.5	165.9	167.0	170.7	170.2
42.5°	2154.0	1130.2	317.0	240.4	193.1	170.2	158.0	154.2	153.7	158.0	157.4
45°	2360.4	1193.5	302.1	225.0	180.3	159.6	147.3	143.1	141.5	142.5	144.1
47.5°	2585.3	1271.1	287.2	210.6	171.3	151.0	138.8	133.5	130.8	130.8	130.8
50°	2803.4	1358.9	277.1	195.7	164.9	143.1	129.8	124.5	120.2	119.1	118.6
52.5°	3019.3	1445.0	269.1	180.8	157.4	133.0	121.3	115.4	110.6	108.5	107.4
55°	3216.1	1527.0	255.3	166.5	147.9	122.3	112.8	106.9	101.1	97.3	95.7
57.5°	3404.9	1595.0	229.8	151.6	133.0	112.2	103.7	97.3	90.4	85.6	83.5
60°	3576.7	1630.1	197.8	135.6	118.1	101.6	93.6	87.8	78.7	70.7	68.6
62.5°	3707.6	1616.3	163.3	117.5	102.6	92.0	81.9	76.1	65.4	55.8	52.1
65°	3841.6	1540.8	130.3	98.4	89.9	79.2	68.6	62.8	50.5	40.4	37.8
67.5°	4015.5	1379.6	102.6	81.9	77.7	62.8	53.7	50.0	41.5	31.9	29.8
70°	4127.2	1071.7	79.8	66.5	63.8	45.7	41.5	41.0	33.0	24.5	21.8
72.5°	*3820.8*	*702.6*	*61.2*	*50.5*	*45.7*	*29.8*	*31.9*	*31.9*	*23.9*	*16.5*	*14.4*
75°	3189.5	411.1	44.1	36.2	26.1	19.1	21.8	21.8	14.9	8.0	6.4
77.5°	2277.9	219.1	29.3	22.3	13.3	8.5	11.7	11.2	4.8	0.5	0.0
80°	871.2	75.5	13.8	9.0	3.7	1.6	1.1	0.5	0.5	0.0	0.0
82.5°	133.0	19.7	2.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	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

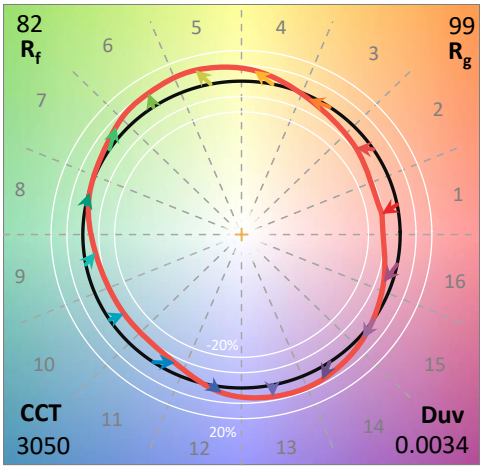
Test Information

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

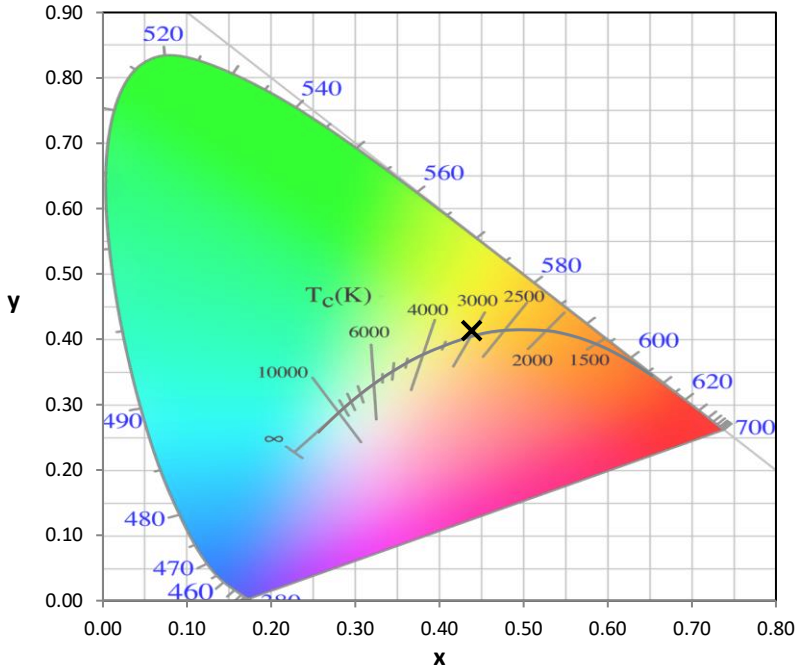
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

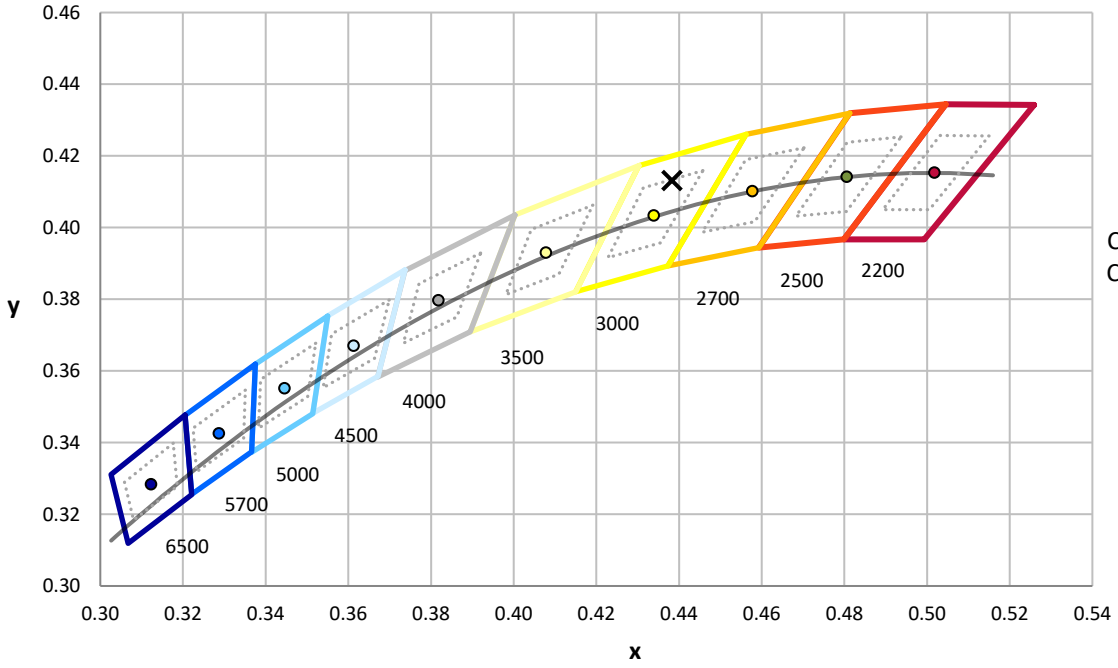
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

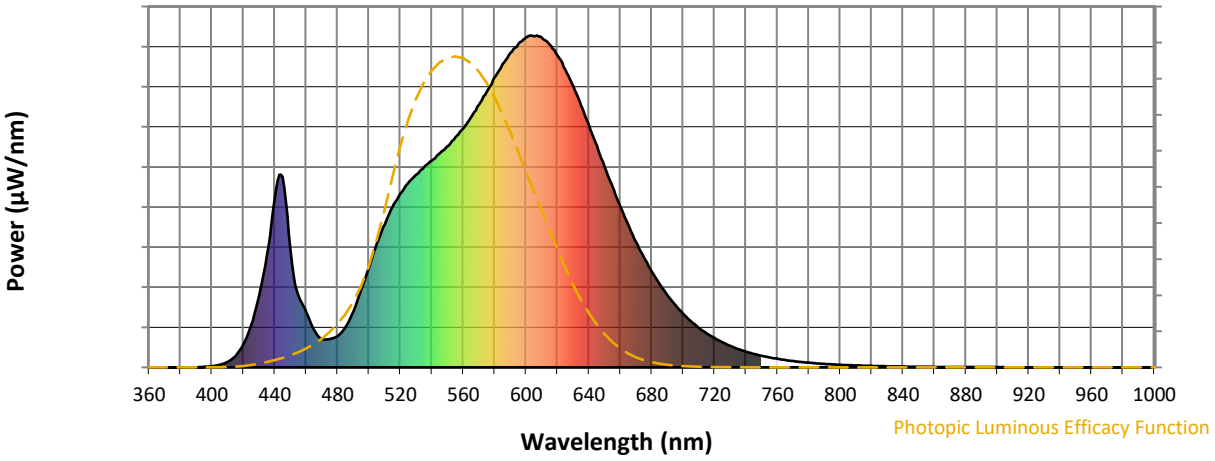


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

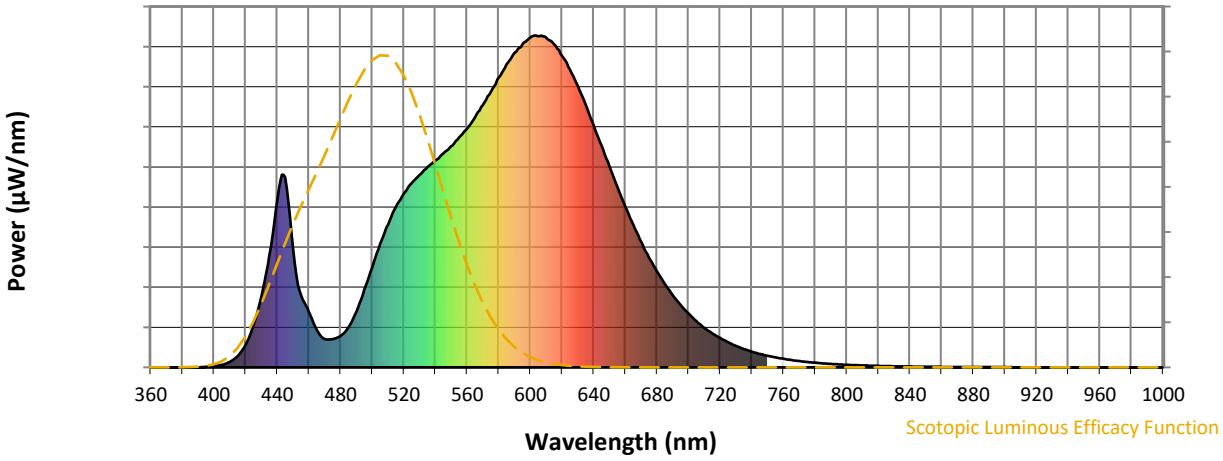


Photopic Lumens: NR

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

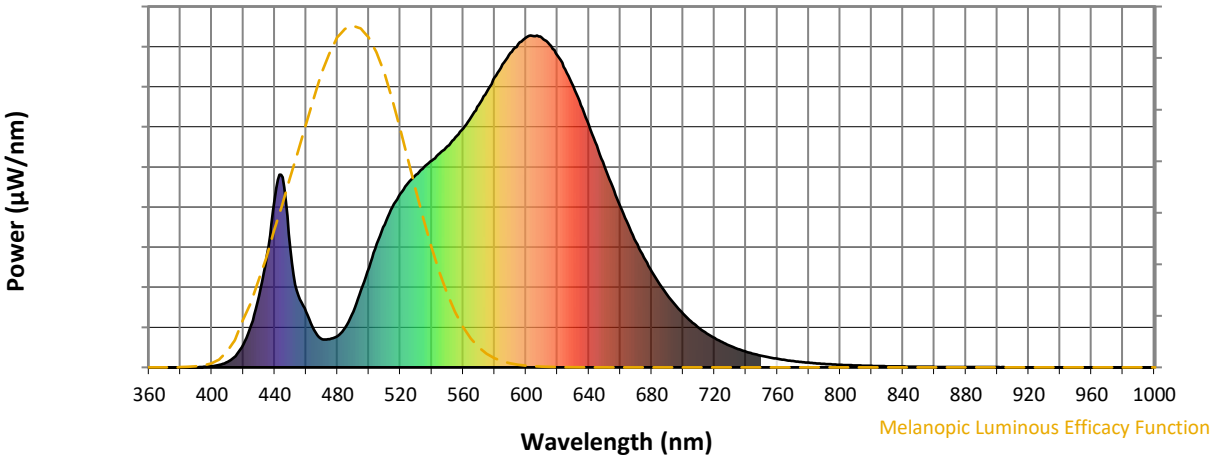


Scotopic Lumens: NR **S/P: 1.27**

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			

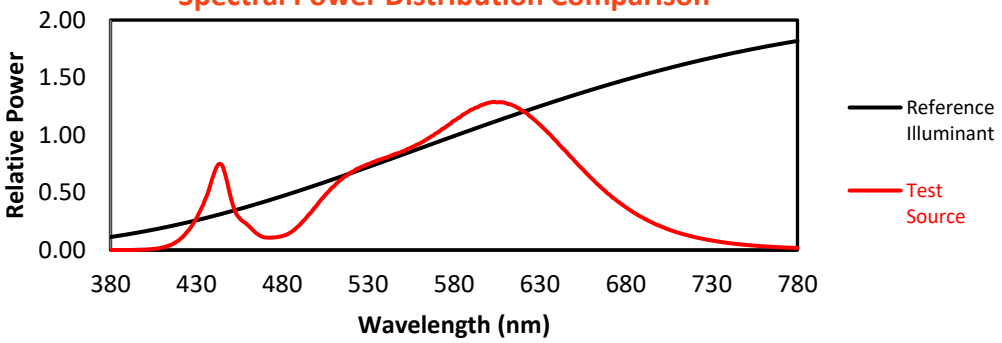
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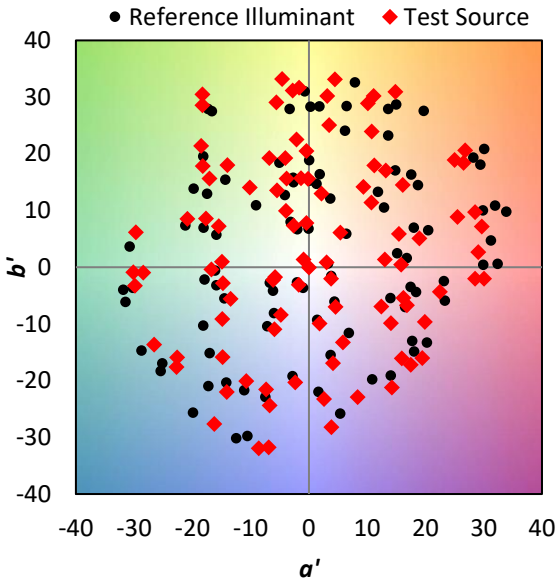
Summary

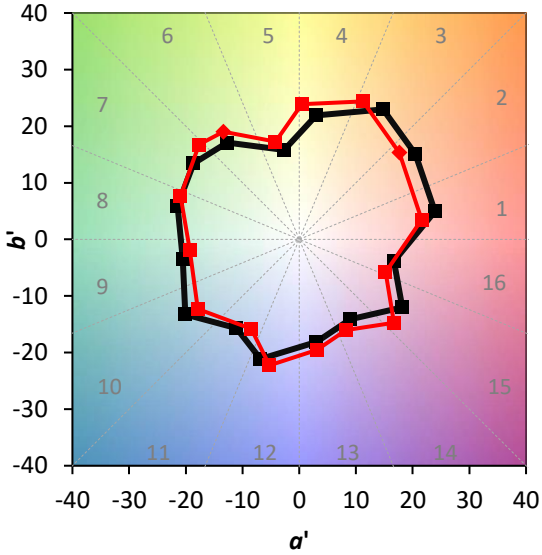
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

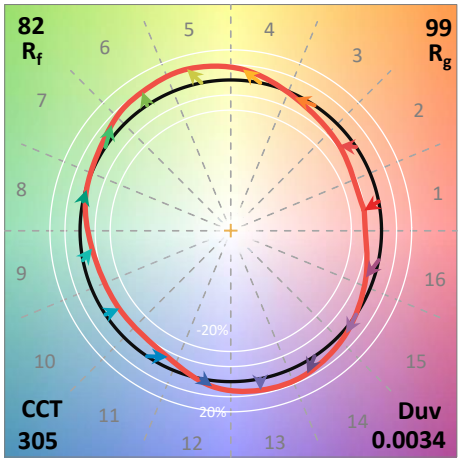
Spectral Power Distribution Comparison

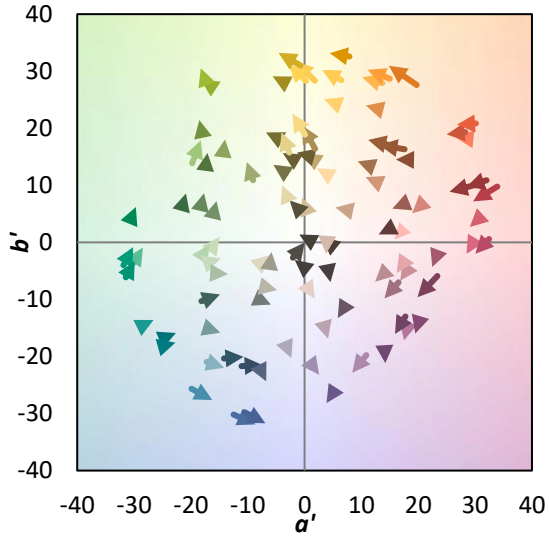


Color Vector Graphics







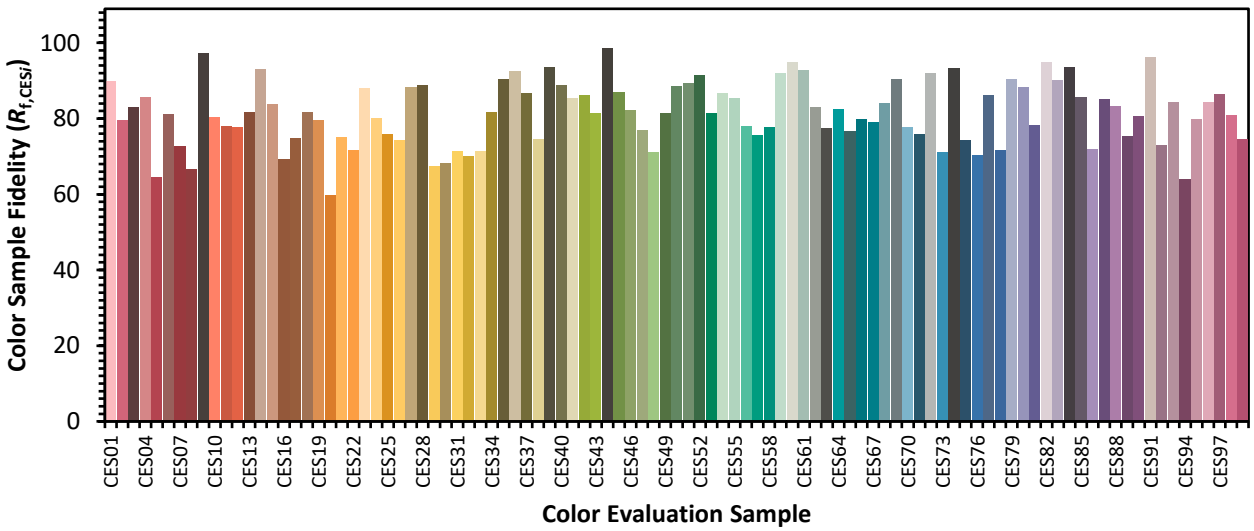


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Individual Sample Fidelity Index ($R_{f,i}$)

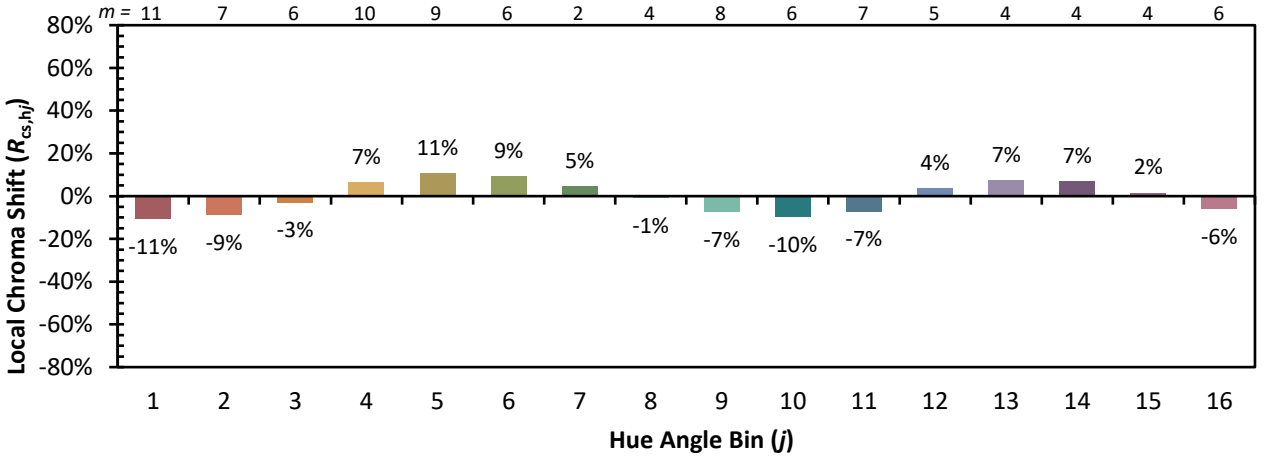
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

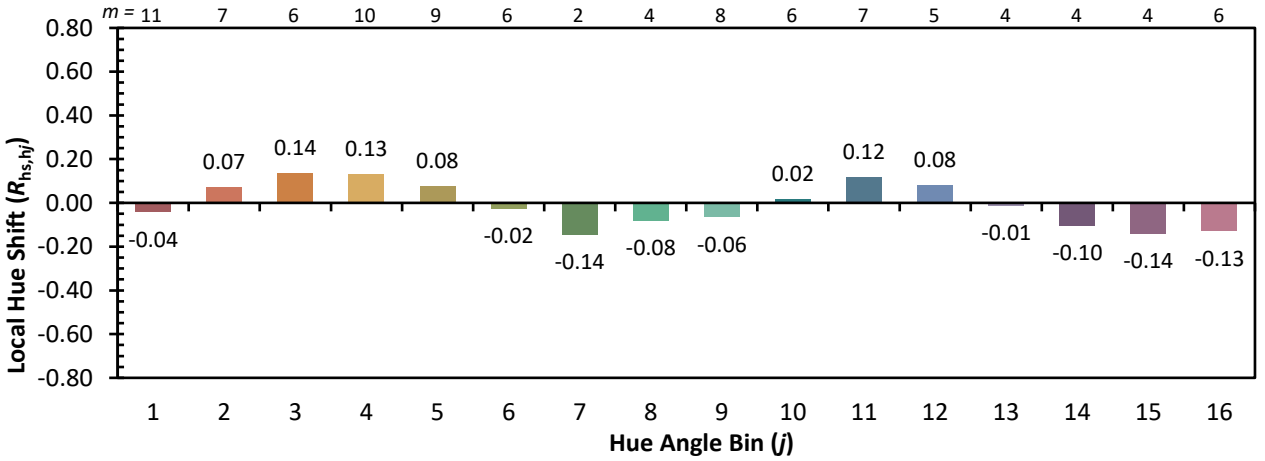


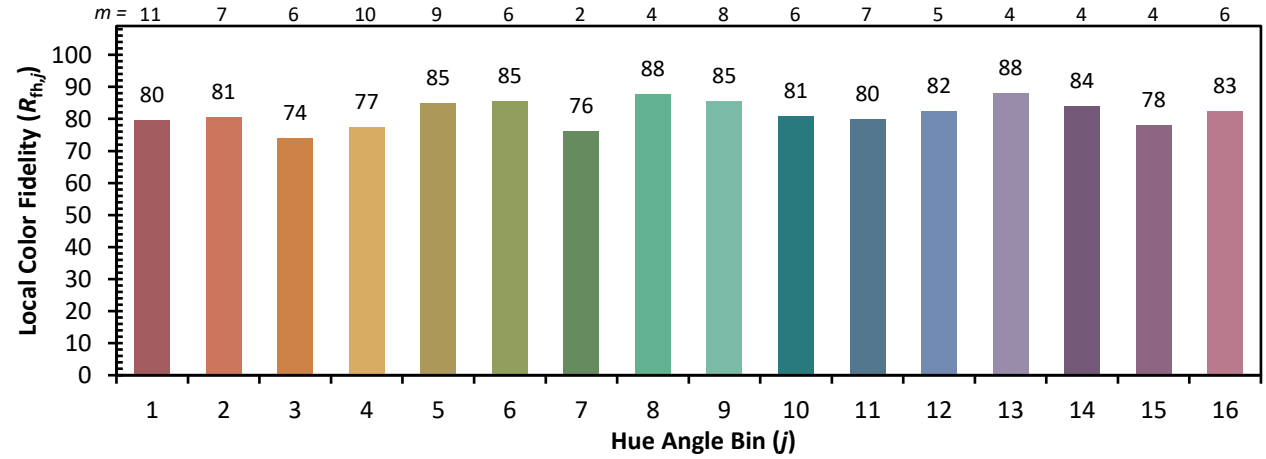
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Color Rendition by Hue-Angle Bin



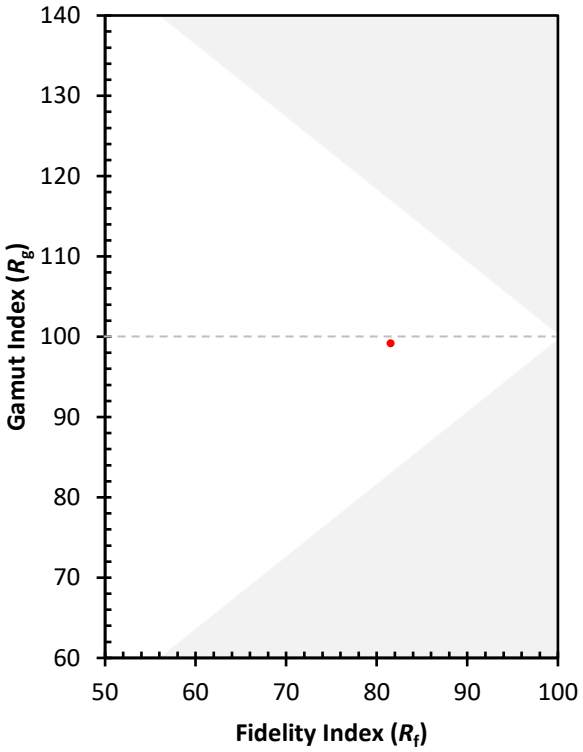


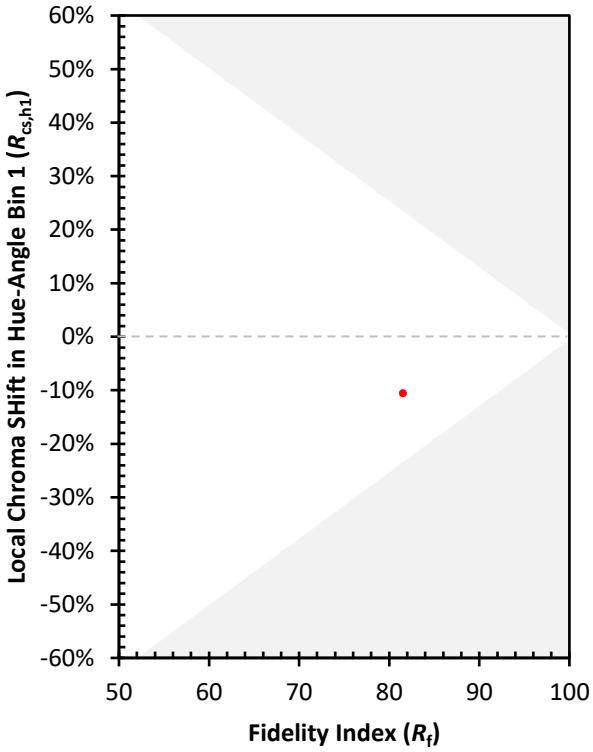


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Measure Comparisons





(END OF REPORT)