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: P1203109

Luminaire Tested: GWC-SB2B-830-U-SL2

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:	P1203109
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10055 lumens
Efficiency:	N/A
Efficacy:	136.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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

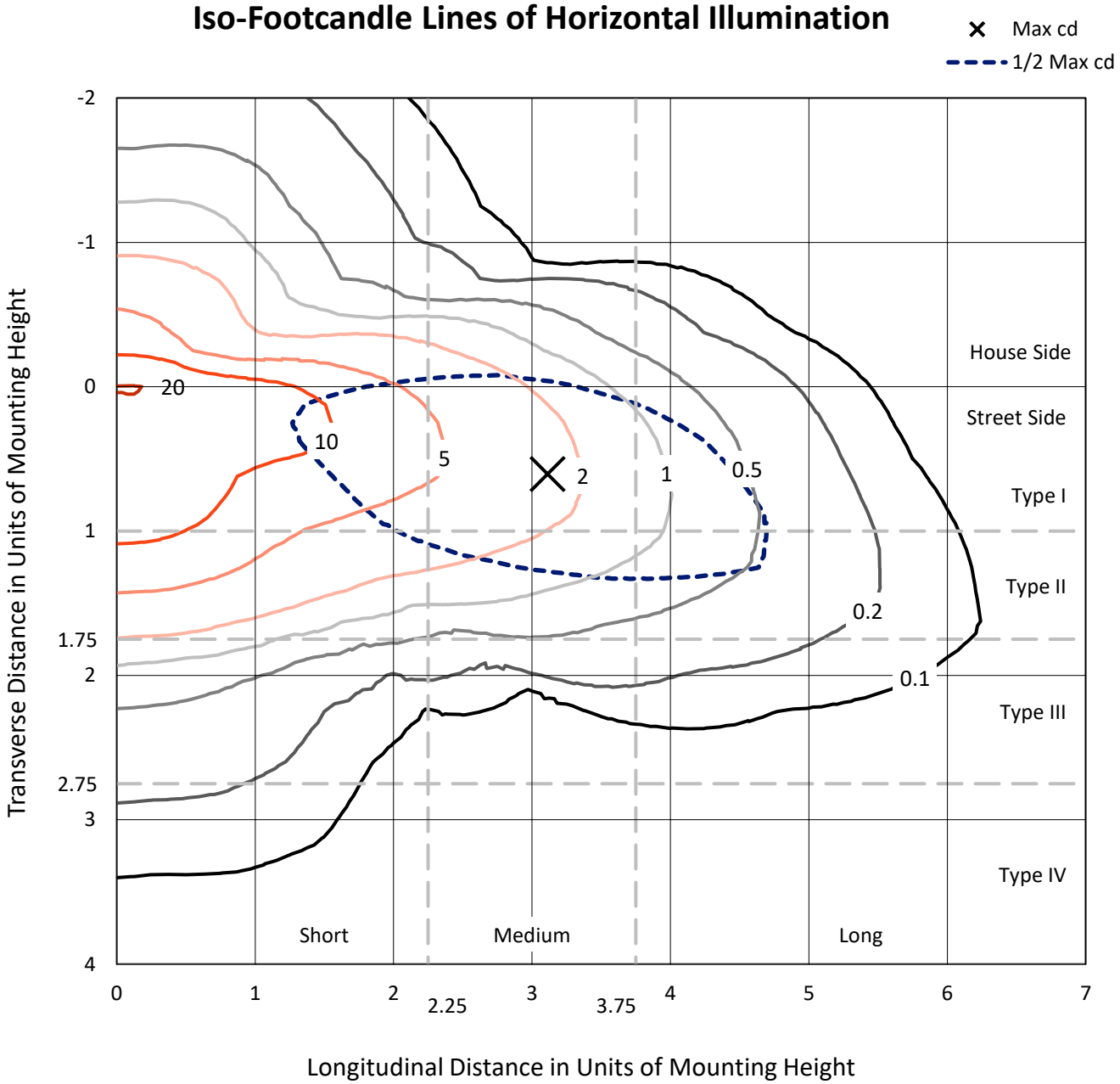


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Scaled Data Report

REPORT NUMBER: P1203109
CATALOG NUMBER: GWC-SB2B-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



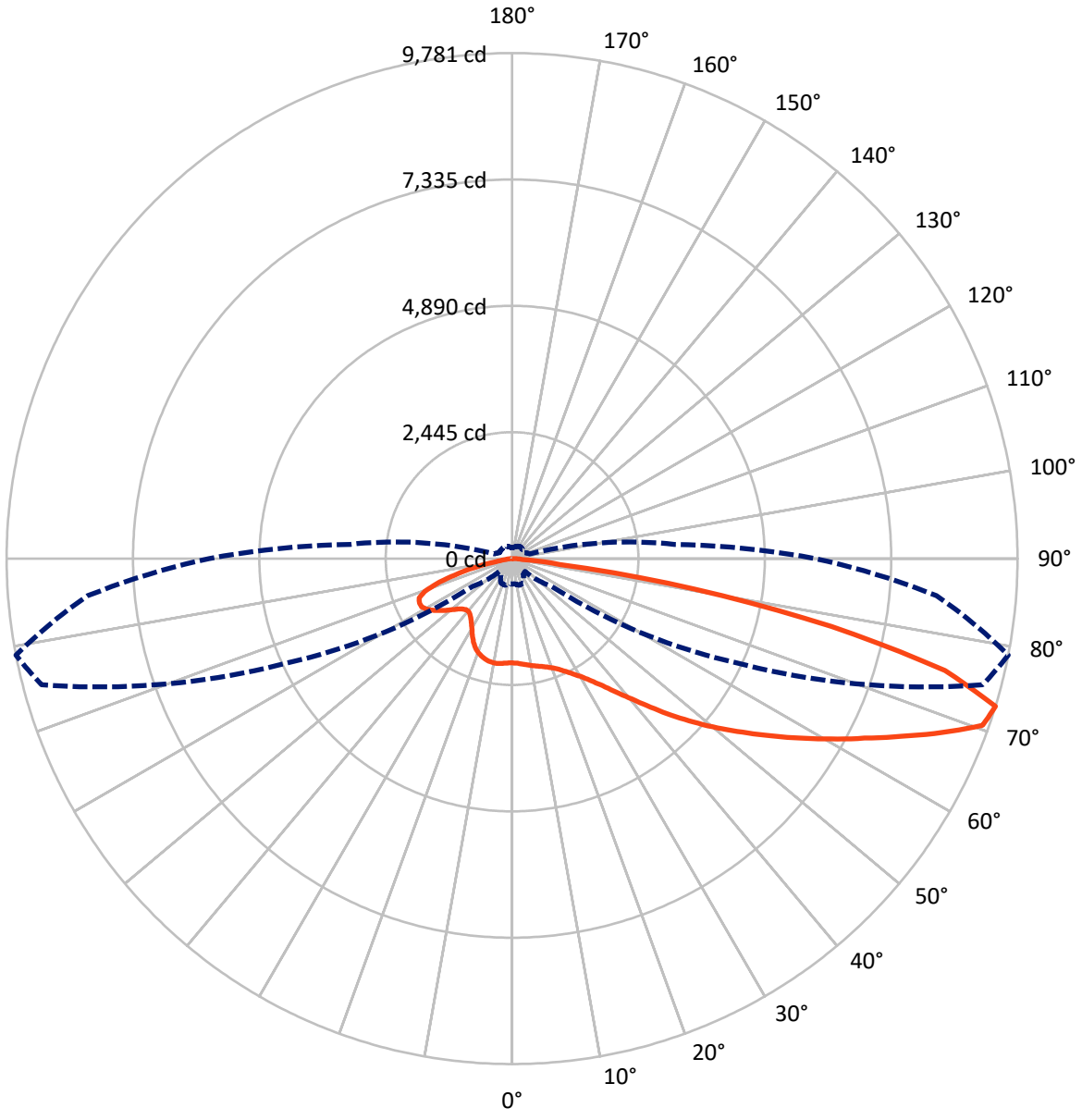
Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203109
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Luminous Intensity Polar Plot



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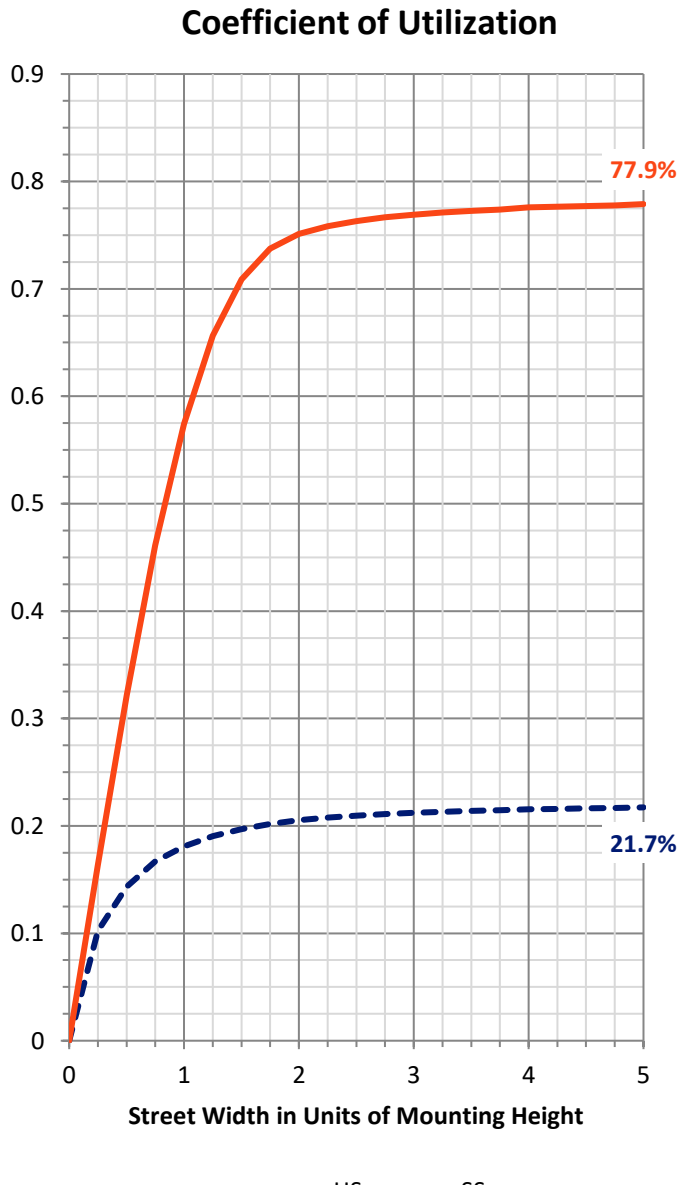
REPORT NUMBER: P1203109
CATALOG NUMBER: GWC-SB2B-830-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2212.7	0.0	2212.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	7842.3	0.0	7842.3
	% Fixture	78.0	0.0	78.0
Total	Lumens	10055.0	0.0	10055.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.2	1.8
10°-20°	479.0	4.8
20°-30°	772.9	7.7
30°-40°	1160.1	11.5
40°-50°	1645.6	16.4
50°-60°	2078.2	20.7
60°-70°	2110.7	21.0
70°-80°	1438.5	14.3
80°-90°	186.6	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°	10055.0	100.0
0°-180°	10055.0	100.0



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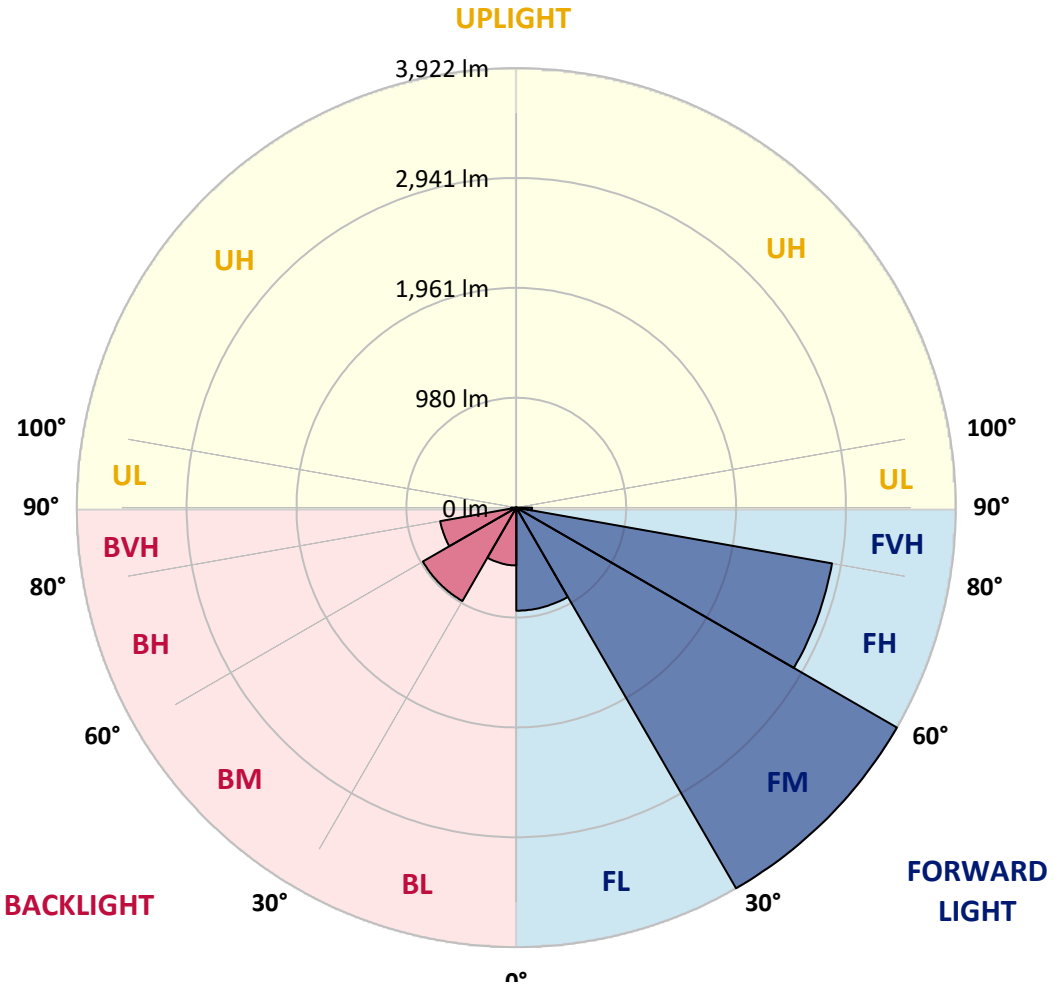
Scaled Data Report

REPORT NUMBER: P1203109
CATALOG NUMBER: GWC-SB2B-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	919.8	9.1			
FM	(30°-60°)	3921.7	39.0			
FH	(60°-80°)	2860.3	28.4			G2/5000
FVH	(80°-90°)	140.6	1.4			G2/225
BL	(0°-30°)	515.4	5.1	B2/1000		
BM	(30°-60°)	962.3	9.6	B1/1000		
BH	(60°-80°)	688.9	6.9	B2/1000		G2/1000
BVH	(80°-90°)	46.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1203109
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	*2018.4*	2018.4
2.5°	2019.5	2009.9	2015.8	2013.7	2016.3	2019.5	2020.6	2022.2	2027.5	*2027.0*	2026.4
5°	2015.3	2005.7	2013.7	2011.0	2017.9	2025.4	2031.7	2037.6	2046.1	*2049.8*	2044.5
7.5°	2006.2	1999.8	2007.8	2015.8	2028.6	2039.7	2048.8	2062.1	2074.3	*2076.4*	2080.1
10°	1953.6	1948.8	1967.4	1988.1	2023.2	2053.5	2073.2	2088.7	2101.9	*2104.1*	2109.4
12.5°	1898.8	1892.9	1913.7	1941.9	1998.8	2053.5	2095.0	2115.2	2126.9	*2133.9*	2141.8
15°	1889.7	1884.9	1896.6	1921.1	1968.4	2039.2	2109.9	2147.2	2157.3	*2165.2*	2168.4
17.5°	1933.3	1924.3	1929.1	1937.6	1965.3	2025.9	2121.6	2183.3	2198.7	*2207.3*	2207.3
20°	2034.4	2021.6	2014.2	1997.2	1992.4	2028.0	2120.6	2226.9	2247.1	*2257.8*	2260.4
22.5°	2169.0	2160.5	2144.5	2101.4	2054.6	2054.1	2140.8	2282.8	2320.5	*2330.7*	2324.3
25°	2331.7	2319.0	2298.7	2240.2	2150.3	2105.7	2174.8	2354.1	2417.3	*2420.0*	2401.4
27.5°	2518.9	2499.8	2472.1	2395.0	2273.7	2186.5	2226.9	2436.0	2528.5	*2527.4*	2489.2
30°	2716.3	2697.1	2667.9	2574.2	2421.6	2295.5	2299.3	2524.3	2660.4	*2654.6*	2589.1
32.5°	2860.4	2846.0	2840.2	2767.9	2591.8	2424.3	2382.2	2622.1	2823.2	*2817.8*	2726.4
35°	2971.0	2952.4	2959.3	2922.6	2777.4	2568.4	2483.8	2738.6	3021.0	*3020.5*	2906.7
37.5°	3080.6	3064.1	3070.0	3045.5	2949.2	2751.4	2607.8	2881.1	3266.2	*3277.9*	3124.7
40°	3180.6	3163.0	3186.4	3163.6	3082.7	2946.0	2748.7	3042.3	3550.2	*3572.6*	3388.5
42.5°	3240.7	3226.9	3265.7	3266.2	3198.7	3110.4	2903.5	3219.9	3878.9	*3928.9*	3713.0
45°	3261.4	3256.6	3315.1	3327.4	3301.3	3205.6	3042.8	3413.5	4233.2	*4322.5*	4082.6
47.5°	3239.1	3230.0	3310.9	3356.1	3376.8	3250.3	3158.2	3623.1	4594.8	*4725.7*	4485.8
50°	3126.3	3108.8	3229.0	3324.2	3398.1	3279.5	3274.7	3865.1	5006.0	*5149.0*	4891.1
52.5°	2923.7	2910.4	3047.1	3212.5	3351.3	3293.9	3405.6	4129.4	5396.4	*5581.4*	5306.5
55°	2664.7	2647.1	2797.6	3013.6	3234.8	3289.1	3536.4	4425.2	5856.9	*6044.7*	5735.7
57.5°	2254.1	2219.0	2409.4	2664.7	3045.0	3283.2	3672.6	4719.3	6325.0	*6550.0*	6193.6
60°	1655.2	1603.1	1836.5	2139.2	2673.7	3226.3	3841.2	5049.0	6886.6	*7089.3*	6693.6
62.5°	963.7	933.4	1086.1	1368.5	2015.3	2891.2	3935.8	5432.5	7438.7	*7651.5*	7185.0
65°	748.3	739.8	753.1	774.9	1121.7	2164.7	3643.8	5806.4	8140.8	*8289.7*	7697.2
67.5°	684.5	678.1	684.0	643.0	569.1	1205.7	2882.7	5901.1	8892.9	*8983.3*	8145.6
70°	608.5	601.0	620.2	585.1	447.8	548.4	1862.6	5557.5	9491.2	*9660.9*	8486.5
72.5°	*495.7*	*487.2*	*531.9*	*515.9*	*377.1*	*352.1*	*935.6*	*4741.1*	*9428.5*	*9780.6*	*8242.4*
75°	380.8	376.0	429.2	442.5	307.4	277.1	448.9	3524.2	8297.2	*8651.9*	7103.7
77.5°	295.7	292.0	319.1	367.5	247.9	214.9	276.0	2235.4	6252.7	*6314.9*	4895.3
80°	221.8	211.2	236.2	284.6	193.1	156.9	187.2	1303.6	3952.3	*3582.7*	2130.7
82.5°	138.8	133.5	154.2	189.9	136.2	108.0	121.8	720.2	1583.9	*932.9*	411.1
85°	79.2	77.1	84.0	108.5	73.9	62.2	69.7	318.1	289.3	*198.9*	123.9
87.5°	31.9	30.8	38.3	48.4	27.1	22.9	24.5	76.6	63.8	*59.0*	41.0
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: P1203109
CATALOG NUMBER: GWC-SB2B-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4	2018.4
2.5°	2024.3	2024.3	2016.9	2005.1	1991.9	1983.3	1969.5	1965.8	1951.4	1947.2	1954.1
5°	2048.8	2044.5	2021.6	1988.7	1943.5	1902.0	1856.2	1827.5	1787.1	1772.7	1783.4
7.5°	2079.6	2067.9	2028.6	1956.2	1861.5	1768.5	1671.7	1598.3	1528.1	1503.1	1506.3
10°	2107.8	2091.3	2024.3	1897.7	1733.9	1572.7	1418.5	1310.5	1228.6	1195.1	1202.6
12.5°	2136.0	2105.7	1996.1	1800.4	1552.5	1333.9	1169.6	1085.5	1035.0	994.6	1007.9
15°	2162.6	2120.0	1952.5	1670.1	1353.6	1131.8	1010.6	943.5	903.1	876.5	881.3
17.5°	2193.4	2132.3	1887.1	1504.7	1164.3	991.9	893.0	852.6	844.6	841.4	843.5
20°	2236.5	2143.4	1800.9	1319.6	1024.9	880.2	829.2	825.5	824.9	823.3	828.7
22.5°	2282.8	2156.7	1687.1	1151.5	906.3	810.6	801.5	794.1	789.3	788.8	794.6
25°	2337.6	2161.0	1544.5	1013.7	805.3	777.6	767.0	755.8	752.6	752.6	755.8
27.5°	2390.8	2146.6	1378.6	894.1	748.3	747.3	733.4	729.7	729.2	730.8	735.0
30°	2443.9	2119.5	1213.7	783.4	715.4	715.4	710.6	713.2	715.4	720.7	724.4
32.5°	2515.7	2090.8	1076.0	701.5	686.6	681.3	686.1	691.4	693.6	700.5	706.3
35°	2621.1	2070.6	966.4	656.9	656.9	649.9	652.6	651.5	646.8	643.6	651.0
37.5°	2760.4	2069.5	876.0	636.1	631.9	630.8	631.3	624.4	605.8	583.5	584.0
40°	2927.9	2098.2	806.3	621.8	618.6	624.9	621.8	603.1	552.1	513.3	512.2
42.5°	3152.9	2180.1	761.6	604.2	613.8	621.8	609.0	544.6	510.1	484.0	482.9
45°	3417.8	2313.1	738.8	585.6	604.7	614.3	552.6	524.4	496.8	465.4	463.3
47.5°	3717.8	2480.6	733.4	568.0	584.5	590.4	528.7	515.9	484.5	450.5	447.8
50°	4044.3	2679.0	747.8	547.3	555.3	535.1	520.7	509.0	476.6	443.0	439.3
52.5°	4382.1	2897.6	776.5	519.1	526.0	503.7	517.5	507.4	471.8	426.6	423.4
55°	4714.0	3117.8	804.2	486.1	496.2	475.5	508.5	501.0	450.0	398.9	396.2
57.5°	5051.2	3337.0	831.3	456.9	467.5	448.4	494.1	484.0	425.5	373.4	372.3
60°	5401.7	3549.7	844.1	428.7	436.1	423.4	472.3	454.7	397.8	347.3	345.7
62.5°	5729.8	3726.8	823.3	400.5	405.3	400.0	443.6	420.2	370.2	318.1	317.5
65°	6059.1	3832.1	759.5	372.8	373.9	371.2	403.2	382.9	337.7	292.5	289.3
67.5°	6357.4	3891.2	657.9	343.1	340.4	339.3	365.4	342.5	306.4	267.0	263.8
70°	6420.7	3741.2	502.6	308.0	308.0	305.3	323.9	300.5	271.8	239.9	238.8
72.5°	*5864.4*	*3147.1*	*356.9*	*268.1*	*272.3*	*267.0*	*282.4*	*262.7*	*236.7*	*215.4*	*209.0*
75°	4728.9	2307.8	259.6	227.1	234.6	225.5	239.9	226.0	203.7	203.2	183.0
77.5°	3249.2	1427.0	188.3	187.2	192.5	180.8	197.3	189.9	169.7	160.6	150.5
80°	1386.6	569.1	137.2	144.7	144.7	134.0	153.2	155.3	137.8	133.5	133.5
82.5°	276.0	161.7	96.3	99.5	93.6	90.4	108.5	120.2	165.9	184.6	185.1
85°	83.0	59.6	58.0	54.3	47.9	48.4	63.8	120.7	148.9	85.1	73.4
87.5°	22.9	14.9	15.4	12.2	10.1	13.3	21.8	91.5	50.0	21.3	18.1
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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SS

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

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

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

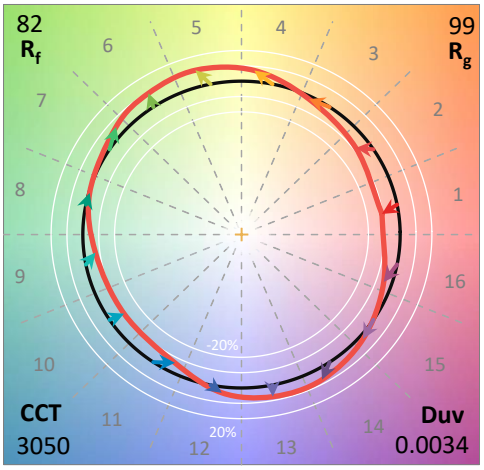
Test Information

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

Spectral Parameters

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

Rf:	81.5
Rg:	99.2



Test Conditions

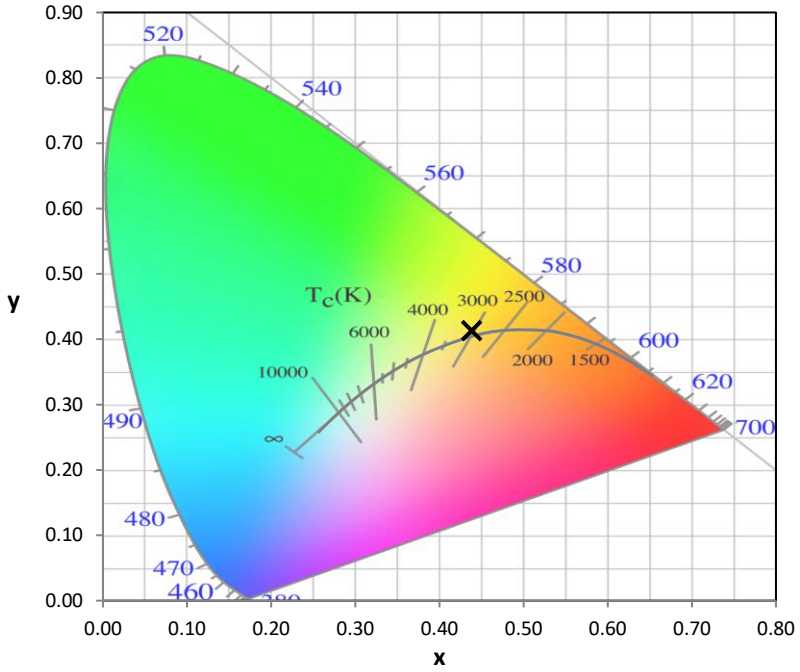
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

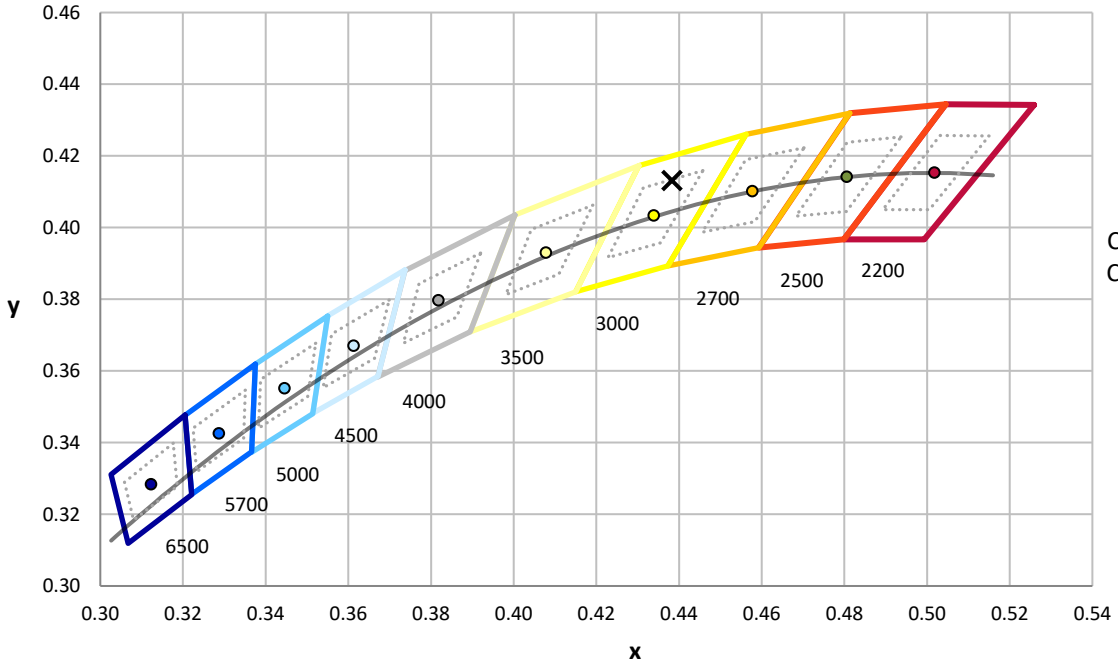
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

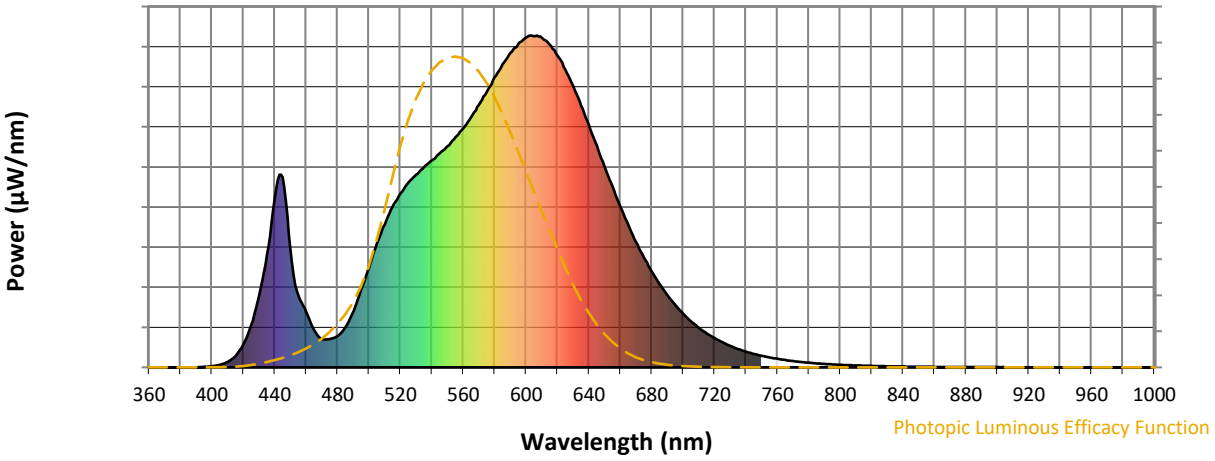


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

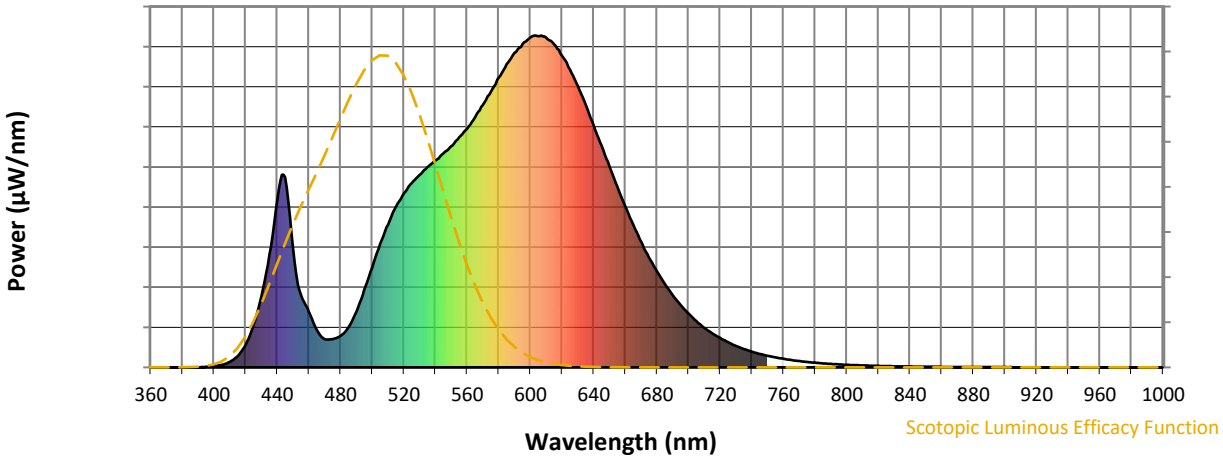


Photopic Lumens: NR

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

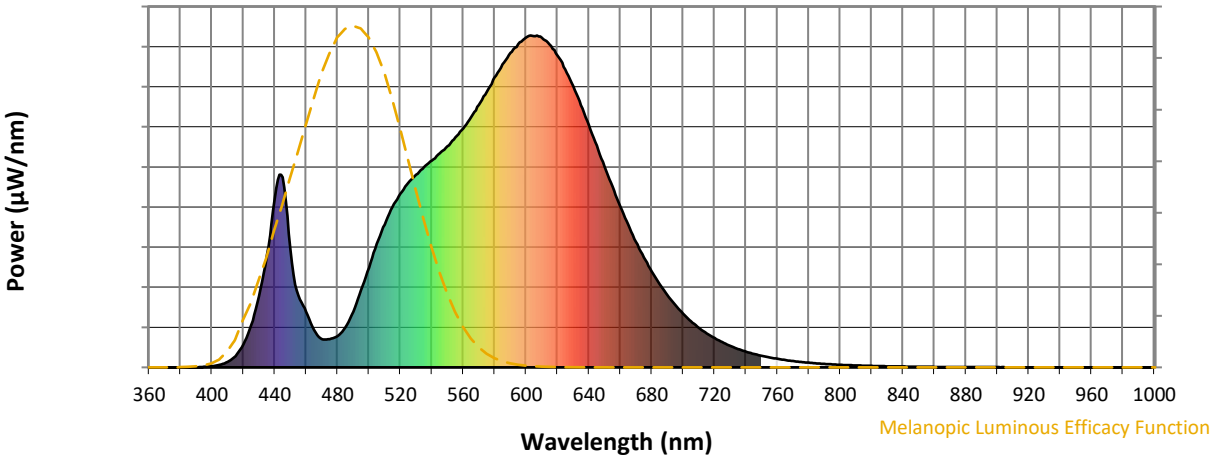


Scotopic Lumens: NR **S/P: 1.27**

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			

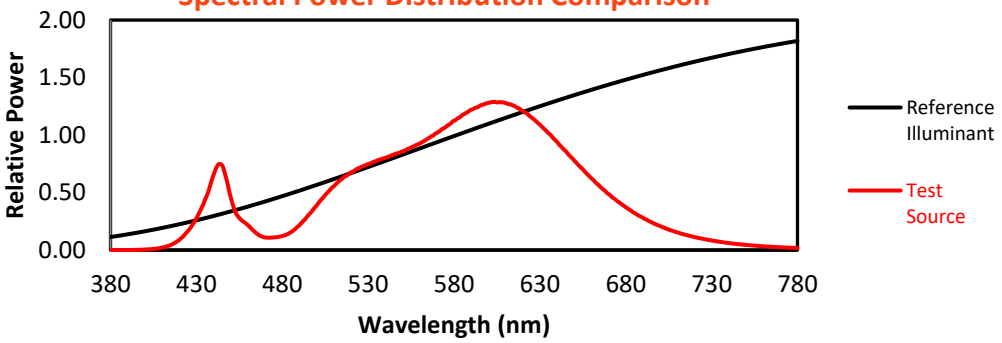
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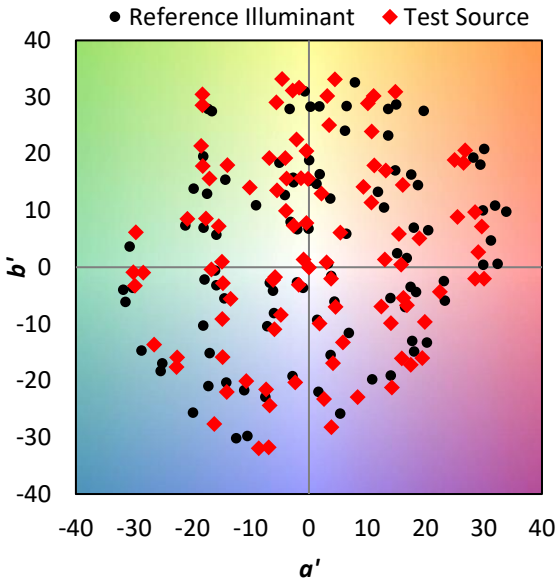
Summary

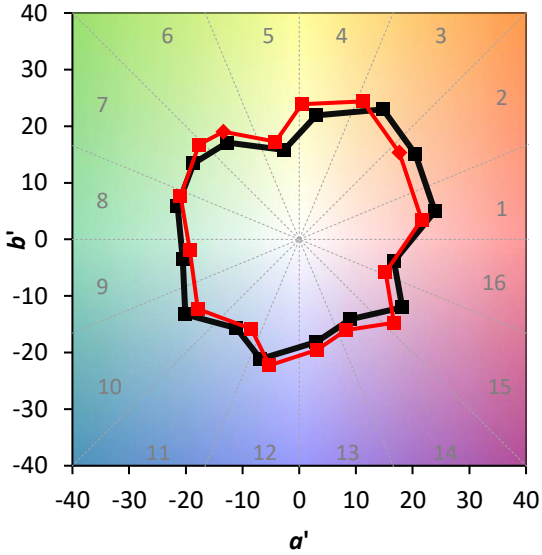
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

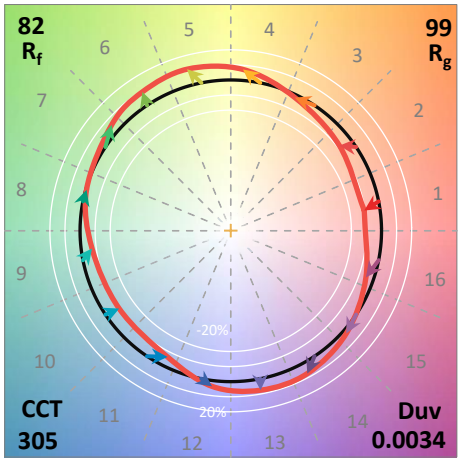
Spectral Power Distribution Comparison

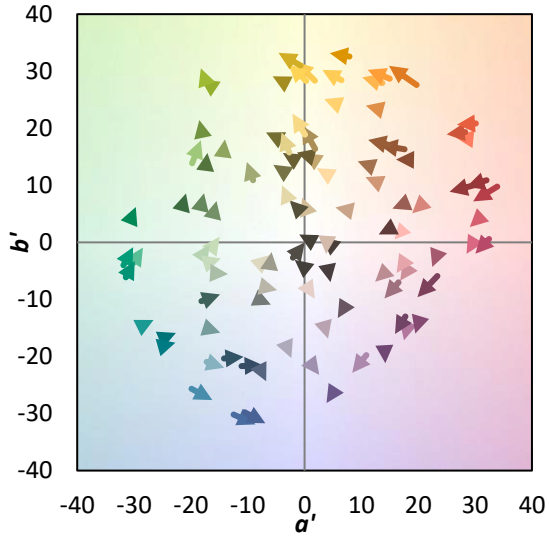


Color Vector Graphics







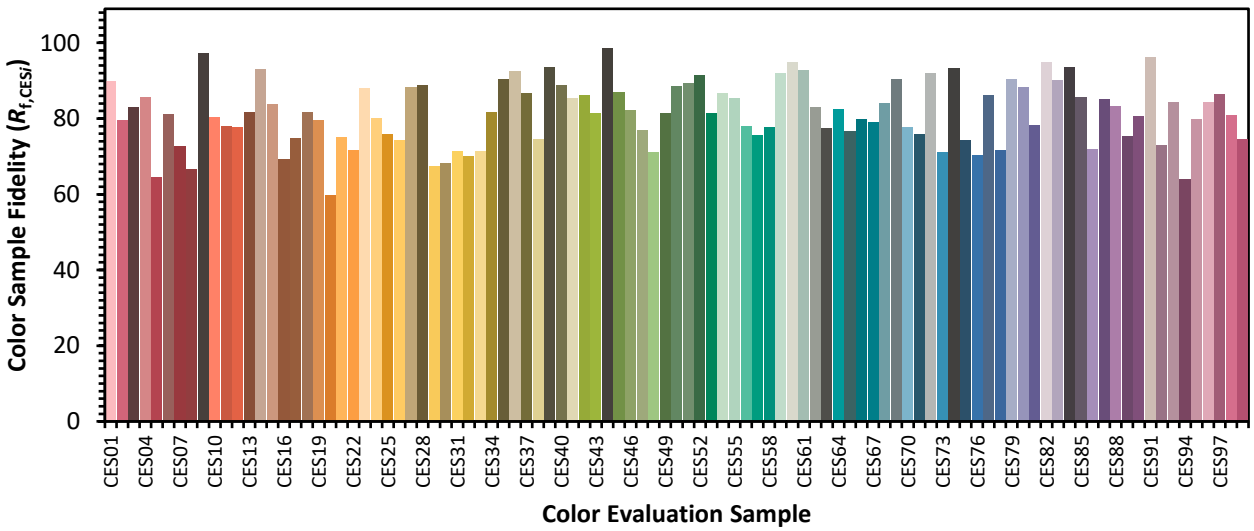


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Individual Sample Fidelity Index ($R_{f,i}$)

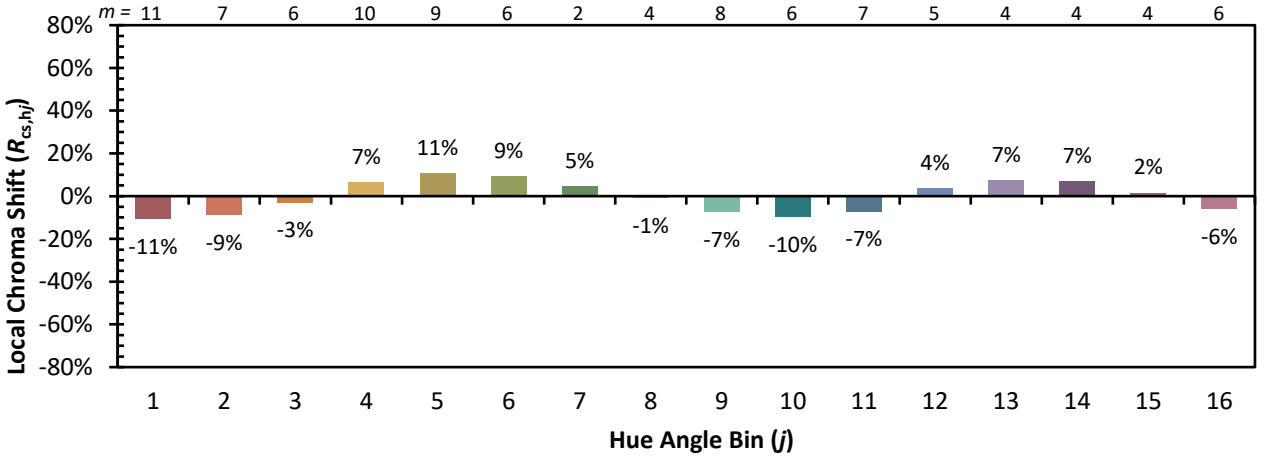
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

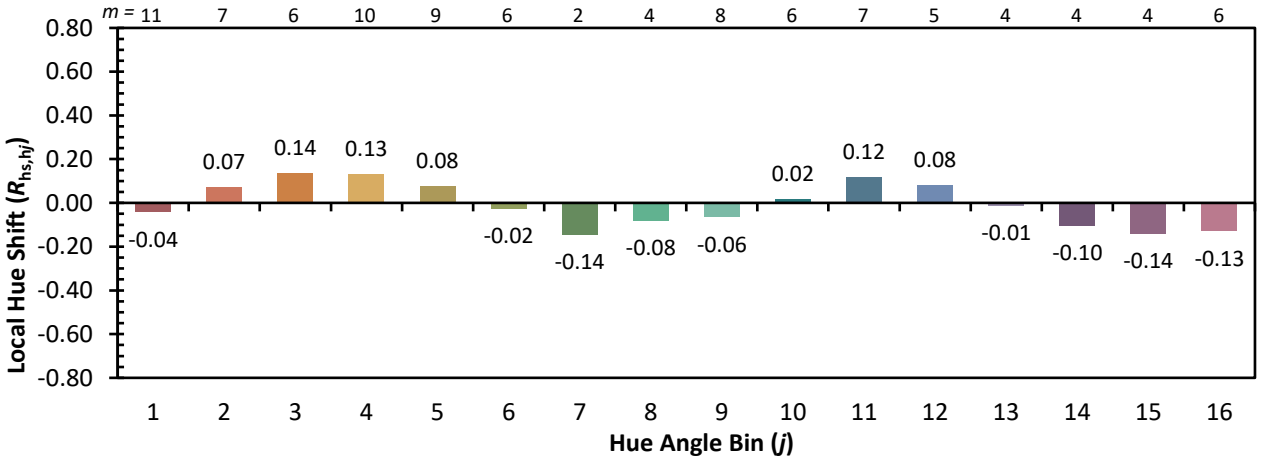


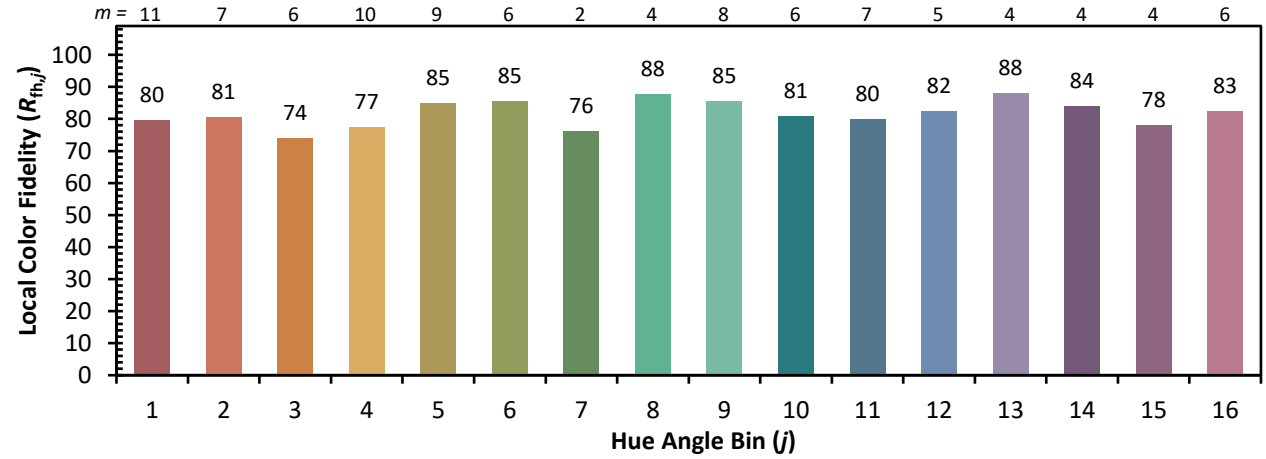
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Color Rendition by Hue-Angle Bin



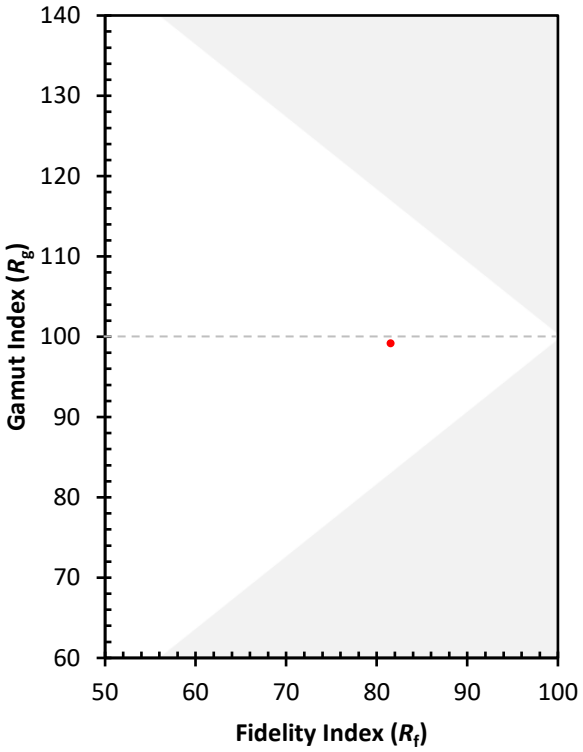


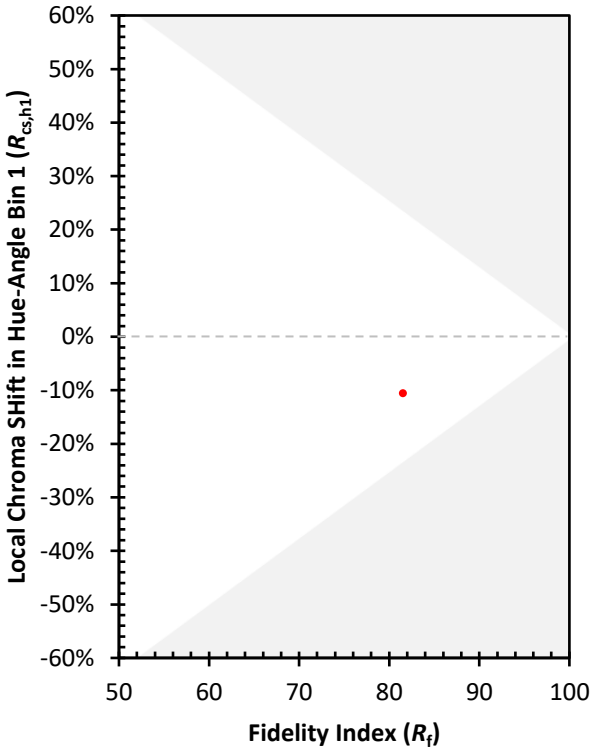


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Measure Comparisons





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