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: P1200339

Luminaire Tested: GPC-SB2C-830-U-SL3

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:	P1200339
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-830-U-SL3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13149 lumens
Efficiency:	N/A
Efficacy:	130.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

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

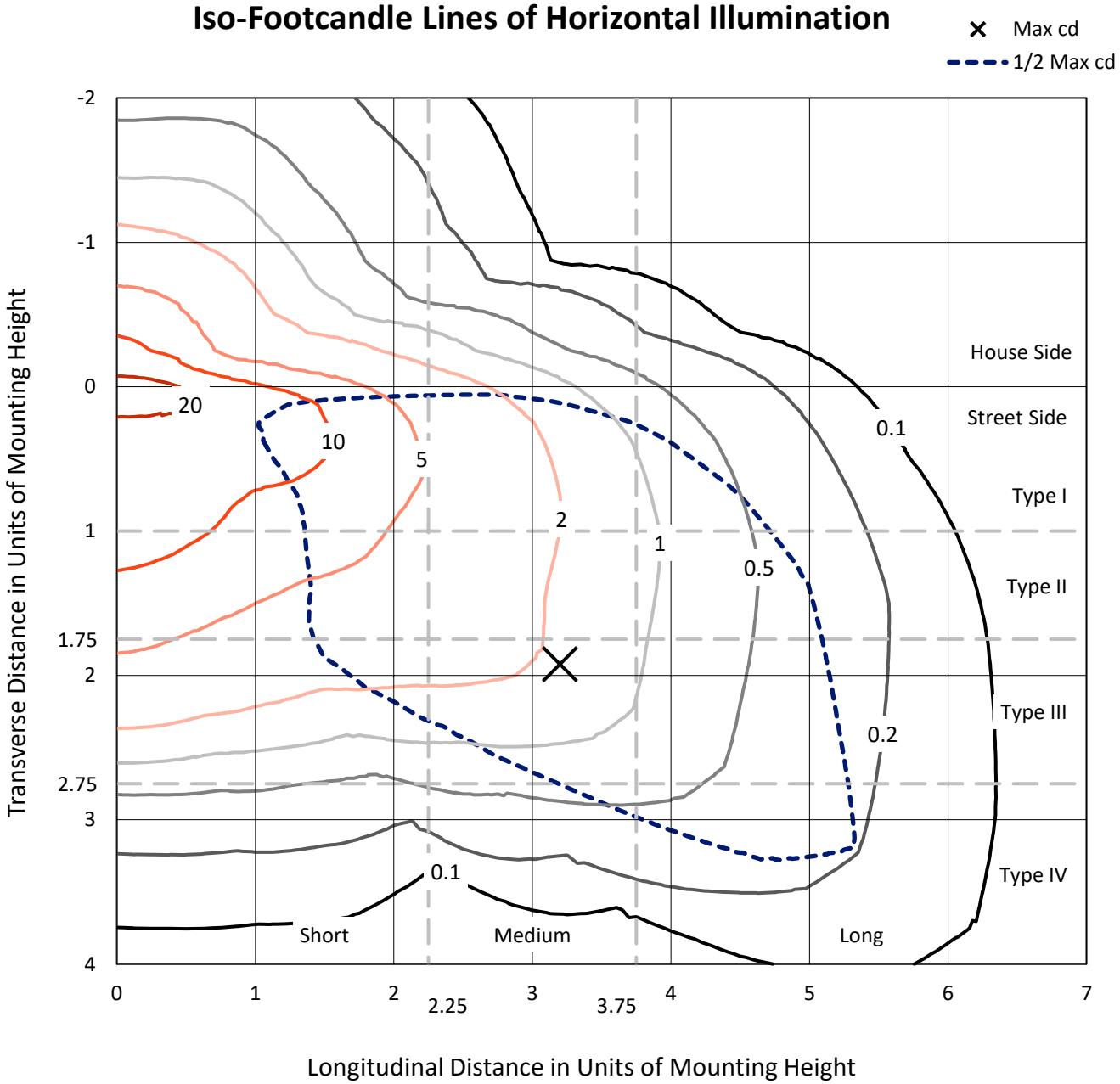


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Scaled Data Report

REPORT NUMBER: P1200339
CATALOG NUMBER: GPC-SB2C-830-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



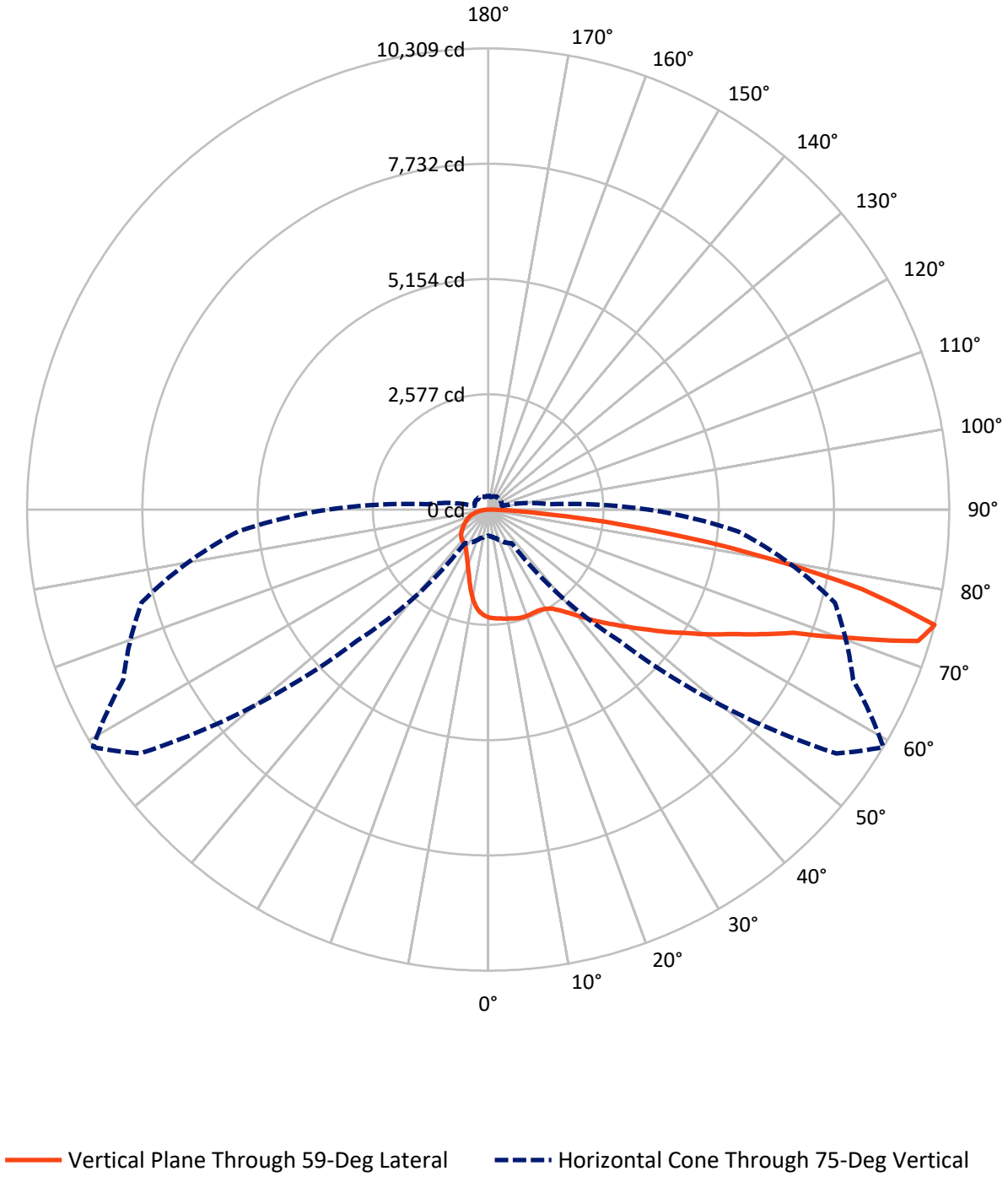
Based on 10 foot mounting height. Maximum calculated value = 24.1 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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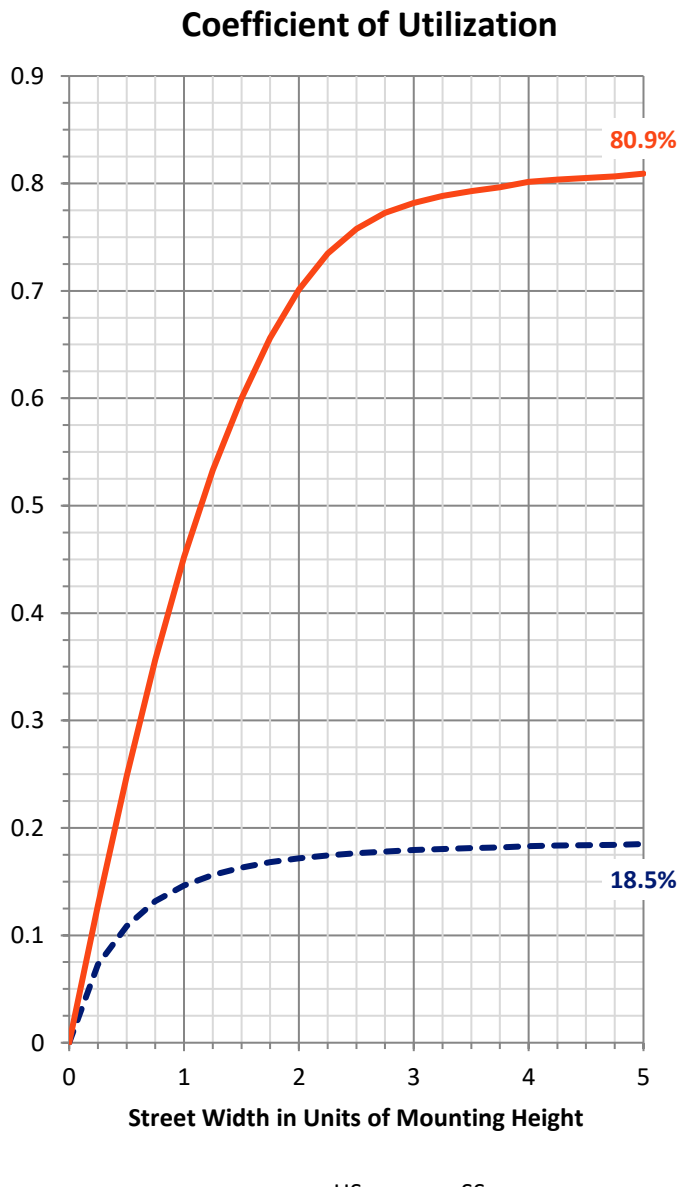
REPORT NUMBER: P1200339
CATALOG NUMBER: GPC-SB2C-830-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2466.2	0.0	2466.2
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	10682.8	0.0	10682.8
	% Fixture	81.2	0.0	81.2
Total	Lumens	13149.0	0.0	13149.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.4	1.6
10°-20°	553.1	4.2
20°-30°	840.2	6.4
30°-40°	1248.9	9.5
40°-50°	1857.4	14.1
50°-60°	2521.1	19.2
60°-70°	3077.9	23.4
70°-80°	2415.5	18.4
80°-90°	418.4	3.2
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°	13149.0	100.0
0°-180°	13149.0	100.0



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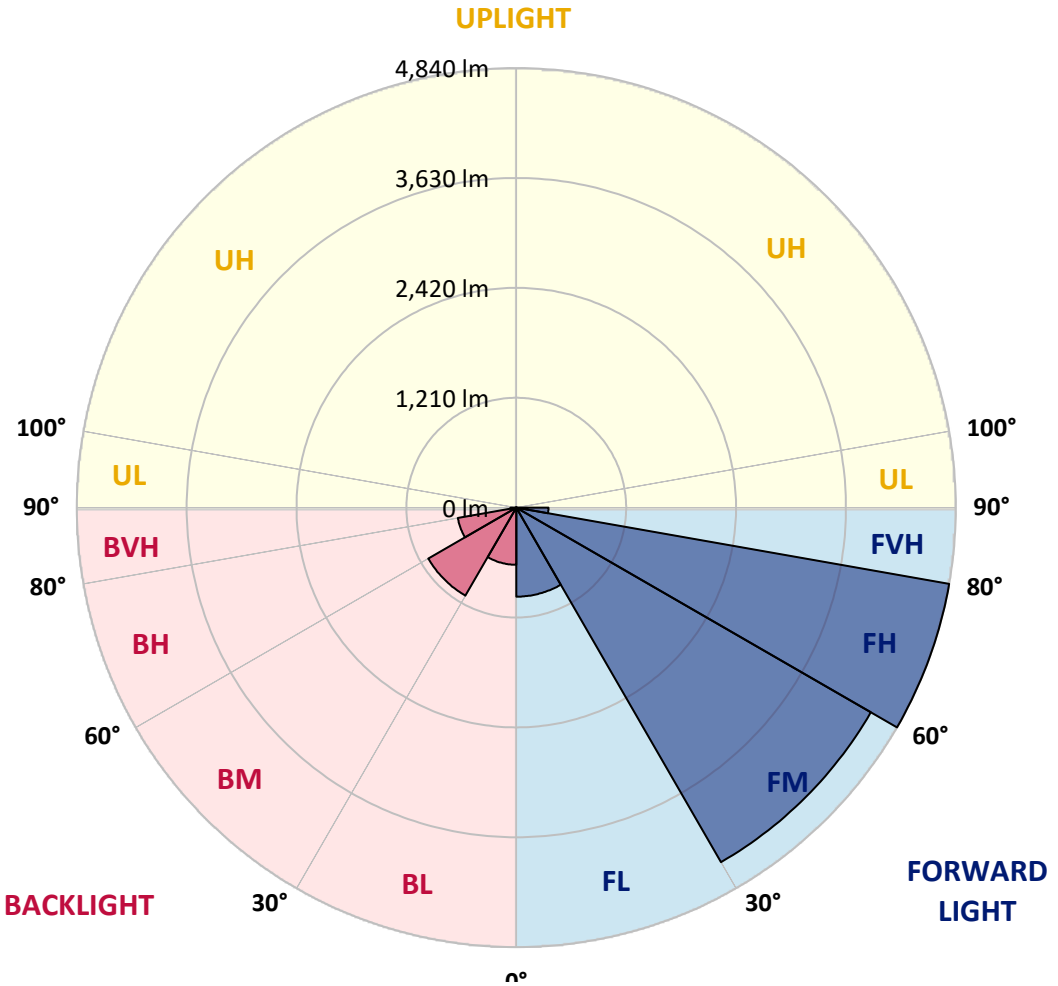
Scaled Data Report

REPORT NUMBER: P1200339
CATALOG NUMBER: GPC-SB2C-830-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	980.4	7.5			
FM	(30°-60°)	4508.0	34.3			
FH	(60°-80°)	4840.0	36.8			G2/5000
FVH	(80°-90°)	354.4	2.7			G3/500
BL	(0°-30°)	629.3	4.8	B2/1000		
BM	(30°-60°)	1119.4	8.5	B2/2500		
BH	(60°-80°)	653.4	5.0	B2/1000		G2/1000
BVH	(80°-90°)	64.1	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-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5
2.5°	2434.0	2425.5	2434.0	2430.4	2429.0	2426.2	2426.9	2431.9	2429.0	2432.6	2420.5
5°	2417.7	2412.8	2421.3	2419.1	2428.3	2429.7	2438.9	2444.6	2448.1	2448.8	2439.6
7.5°	2390.8	2385.9	2397.9	2407.8	2427.6	2433.3	2452.4	2461.6	2466.5	2475.0	2461.6
10°	2292.5	2290.4	2320.1	2357.6	2404.3	2433.3	2462.3	2477.8	2485.6	2508.3	2492.7
12.5°	2118.5	2121.3	2160.2	2232.4	2325.8	2419.1	2473.6	2496.2	2508.3	2536.5	2529.5
15°	1952.3	1951.6	1994.0	2071.1	2202.0	2356.9	2479.3	2518.2	2538.7	2580.4	2574.7
17.5°	1856.1	1853.3	1883.0	1941.7	2063.3	2261.4	2465.1	2530.2	2574.0	2626.4	2621.4
20°	1838.4	1832.7	1848.3	1877.3	1963.6	2156.7	2428.3	2530.2	2602.3	2670.2	2667.4
22.5°	1902.8	1893.6	1887.2	1883.7	1921.9	2070.4	2386.6	2521.7	2644.1	2733.2	2728.2
25°	2032.2	2018.1	1985.5	1953.7	1942.4	2031.5	2349.8	2519.6	2706.3	2818.1	2799.7
27.5°	2241.6	2223.9	2158.1	2081.7	2013.1	2051.3	2333.5	2532.3	2774.9	2907.9	2871.1
30°	2501.2	2482.1	2399.3	2281.9	2158.8	2124.9	2354.1	2569.8	2862.6	3027.4	2955.3
32.5°	2733.9	2712.7	2641.9	2522.4	2356.2	2252.2	2419.1	2641.2	3000.6	3193.7	3081.9
35°	2940.4	2915.7	2852.0	2741.7	2598.1	2431.2	2536.5	2767.9	3196.5	3463.9	3253.8
37.5°	3142.7	3113.7	3044.4	2927.7	2827.3	2669.5	2698.5	2930.5	3456.8	3792.1	3481.6
40°	3369.1	3327.4	3243.2	3127.9	3030.3	2948.9	2911.4	3130.0	3721.4	4158.5	3765.9
42.5°	3588.4	3548.8	3448.3	3350.0	3227.6	3204.3	3158.3	3363.4	4010.7	4561.0	4054.5
45°	3824.6	3777.2	3655.6	3531.1	3454.0	3374.0	3397.4	3596.9	4294.3	4971.2	4357.3
47.5°	4046.0	3993.0	3849.4	3710.7	3668.3	3516.9	3616.7	3853.6	4589.3	5387.2	4657.2
50°	4165.6	4113.2	3993.7	3868.5	3835.2	3693.1	3854.3	4135.9	4898.4	5801.7	4945.1
52.5°	4265.3	4208.7	4052.4	3983.1	3973.2	3884.8	4147.2	4458.4	5207.5	6168.1	5223.1
55°	4371.4	4308.5	4109.0	4046.7	4092.0	4099.8	4494.5	4824.1	5534.3	6525.3	5485.5
57.5°	4493.8	4413.8	4163.4	4100.5	4208.0	4351.6	4893.4	5203.2	5855.4	6856.3	5718.9
60°	4609.1	4528.4	4268.1	4186.1	4333.2	4643.7	5351.1	5662.3	6219.0	7151.3	5939.6
62.5°	4631.7	4565.2	4351.6	4350.9	4503.0	4984.7	5892.9	6125.6	6536.6	7442.7	6137.7
65°	4239.8	4198.1	4071.5	4344.5	4746.3	5475.6	6496.3	6718.4	6940.5	7697.4	6311.7
67.5°	3226.9	3232.6	3223.4	3750.4	4549.7	6180.8	7369.9	7352.9	7439.2	7983.1	6511.8
70°	1475.5	1508.8	1725.2	2588.9	3645.0	6262.1	8814.3	8594.3	8065.2	8353.1	6685.1
72.5°	797.2	822.6	911.1	1254.1	2191.4	5567.5	9893.7	10050.0	8897.7	8602.1	6494.9
75°	585.0	599.1	660.7	797.2	920.3	4138.0	9506.8	10308.9	9001.7	8021.3	5608.6
77.5°	437.8	444.2	494.4	631.7	471.1	2181.5	7596.2	8537.7	7705.8	6590.4	4142.9
80°	317.6	324.7	362.2	473.9	330.3	797.9	5216.0	5992.6	5277.5	4200.9	2064.7
82.5°	219.3	222.1	238.4	322.6	230.6	309.8	2959.5	3514.1	2946.1	1474.1	557.4
85°	132.3	135.8	142.9	188.2	130.9	147.1	1277.5	1321.3	880.6	352.3	173.3
87.5°	54.5	58.0	63.7	79.2	51.6	41.0	210.8	264.5	164.8	103.3	53.8
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: P1200339
CATALOG NUMBER: GPC-SB2C-830-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5	2413.5
2.5°	2417.0	2412.1	2398.6	2380.2	2363.2	2342.0	2332.8	2325.1	2318.0	2304.5	2298.2
5°	2431.9	2418.4	2382.3	2335.7	2282.6	2224.6	2168.0	2129.1	2095.9	2071.1	2050.6
7.5°	2454.5	2429.0	2363.2	2267.8	2146.1	2021.6	1909.1	1829.2	1769.1	1747.1	1709.0
10°	2477.8	2447.4	2332.8	2164.5	1954.4	1762.7	1613.5	1531.4	1483.3	1467.7	1443.7
12.5°	2505.4	2460.9	2285.4	2020.9	1740.1	1530.0	1399.8	1351.7	1327.0	1318.5	1320.6
15°	2545.7	2472.2	2214.0	1841.2	1535.7	1360.2	1276.1	1242.8	1230.1	1229.4	1232.2
17.5°	2576.2	2474.3	2102.9	1648.8	1378.6	1257.7	1188.3	1175.6	1184.1	1196.8	1201.8
20°	2610.1	2455.2	1957.2	1473.4	1268.3	1167.8	1138.8	1147.3	1167.8	1186.2	1192.6
22.5°	2634.2	2420.5	1781.1	1336.9	1172.8	1116.2	1114.8	1132.5	1143.8	1153.0	1157.9
25°	2655.4	2361.8	1594.4	1222.3	1094.3	1085.1	1100.6	1095.0	1087.2	1095.0	1099.9
27.5°	2670.9	2269.2	1427.4	1121.9	1039.1	1063.9	1054.7	1041.9	1041.2	1045.5	1052.5
30°	2666.0	2145.4	1290.2	1026.4	1000.2	1024.2	1002.3	1000.2	998.1	1000.2	1008.0
32.5°	2666.0	2004.6	1184.8	960.6	975.4	966.2	964.1	959.2	950.7	950.0	959.2
35°	2680.8	1863.9	1094.3	925.2	954.9	933.0	934.4	922.4	904.7	896.2	904.7
37.5°	2711.3	1750.7	1004.4	908.2	918.8	918.1	912.5	892.0	860.8	834.0	843.2
40°	2784.8	1717.4	942.9	900.5	901.9	910.4	895.5	855.9	785.2	741.3	747.0
42.5°	2900.1	1773.3	929.5	881.4	890.6	899.0	870.0	778.1	727.9	701.7	701.7
45°	3046.5	1870.9	958.5	853.8	863.7	878.5	792.2	748.4	725.7	726.4	730.0
47.5°	3231.9	1973.5	1012.2	829.7	824.8	833.3	740.6	713.7	682.6	690.4	710.2
50°	3446.2	2077.5	1063.1	797.2	781.6	754.0	707.3	681.9	642.3	623.9	628.8
52.5°	3678.2	2177.9	1083.7	757.6	734.9	703.1	684.7	653.6	605.5	575.1	574.4
55°	3898.2	2269.2	1061.0	710.2	688.2	663.5	660.7	641.6	589.9	547.5	547.5
57.5°	4106.2	2345.6	1004.4	662.1	640.9	626.0	645.1	635.9	570.8	516.4	513.5
60°	4282.3	2397.9	922.4	613.3	598.4	590.6	619.6	616.8	544.0	483.1	481.0
62.5°	4422.3	2418.4	831.8	566.6	563.0	548.9	584.3	584.3	510.0	450.6	448.5
65°	4532.0	2398.6	739.9	520.6	527.7	506.5	541.1	536.9	473.9	421.6	418.7
67.5°	4628.9	2333.5	638.0	475.3	491.6	464.7	495.9	485.9	434.3	392.6	389.7
70°	4672.0	2182.2	522.0	430.1	449.9	423.7	450.6	432.2	389.7	361.5	355.8
72.5°	4325.4	1813.6	411.0	382.7	399.7	378.4	401.8	380.6	341.6	328.9	318.3
75°	*3578.5*	*1360.9*	*316.2*	*331.0*	*343.8*	*327.5*	*343.1*	*327.5*	*292.1*	*301.3*	*275.2*
77.5°	2598.8	918.8	241.9	276.6	282.2	273.7	287.2	269.5	237.7	235.5	224.9
80°	1292.3	538.3	189.6	218.6	216.4	210.8	226.4	217.9	191.0	202.3	200.2
82.5°	374.2	230.6	137.9	153.5	149.3	150.7	162.0	166.2	249.0	246.9	252.5
85°	117.4	90.5	82.8	85.6	81.3	83.5	95.5	189.6	175.4	102.6	111.1
87.5°	30.4	31.1	20.5	21.9	22.6	26.9	30.4	115.3	55.2	36.1	38.2
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

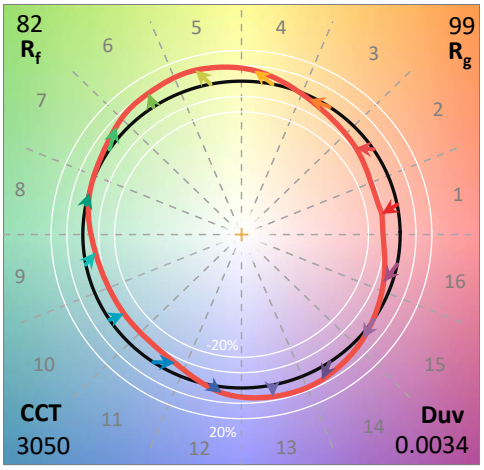
Test Information

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

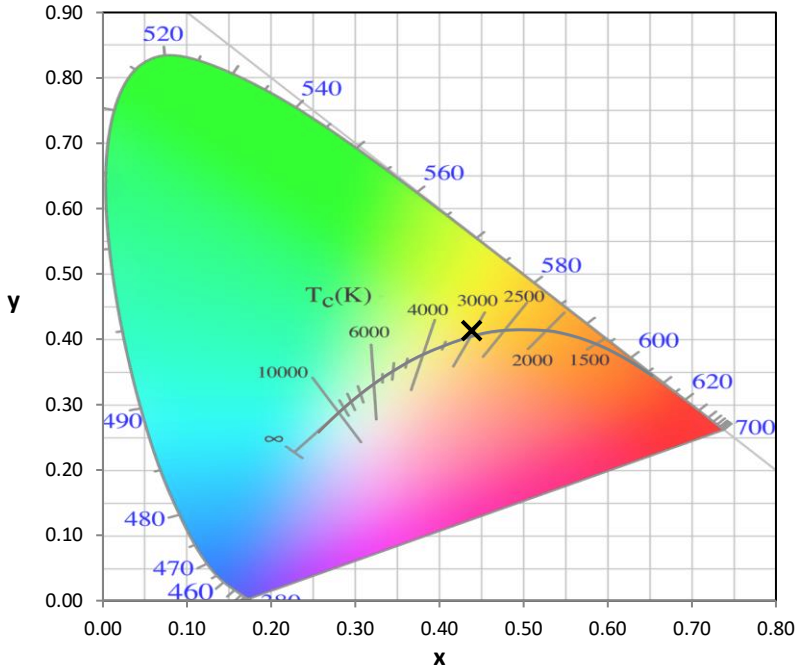
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

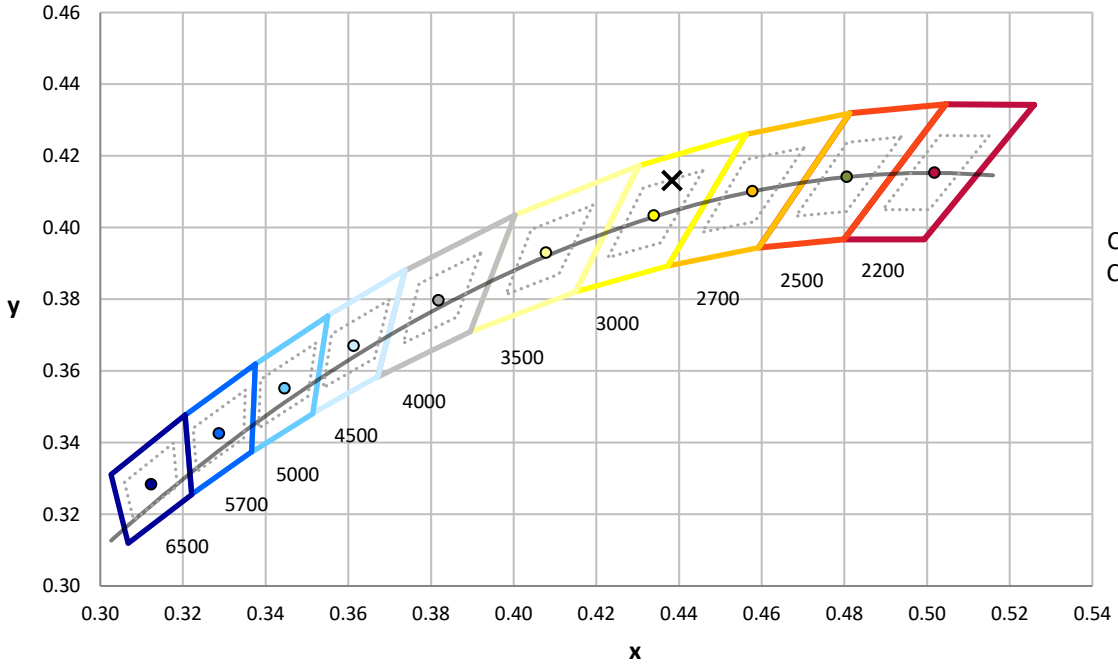
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

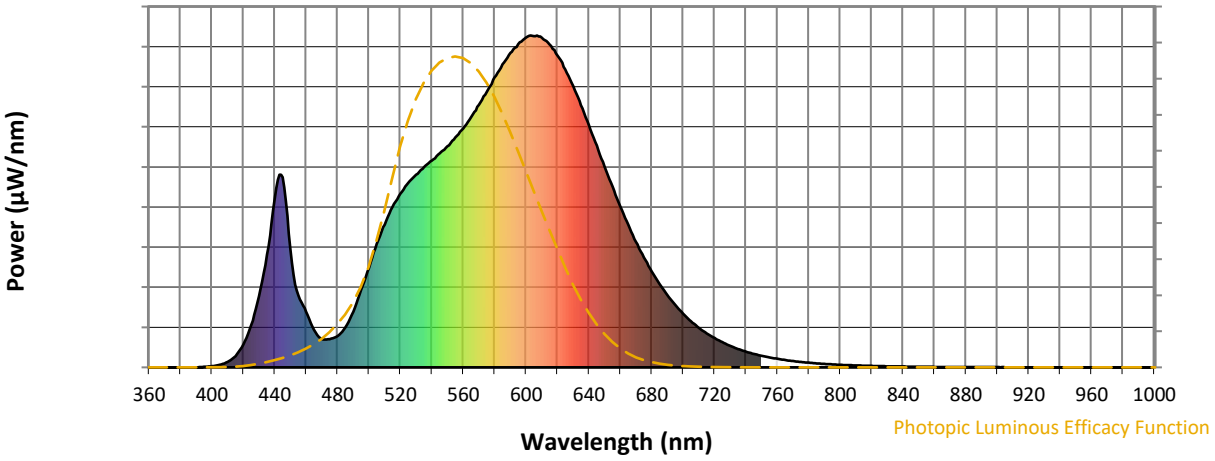


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

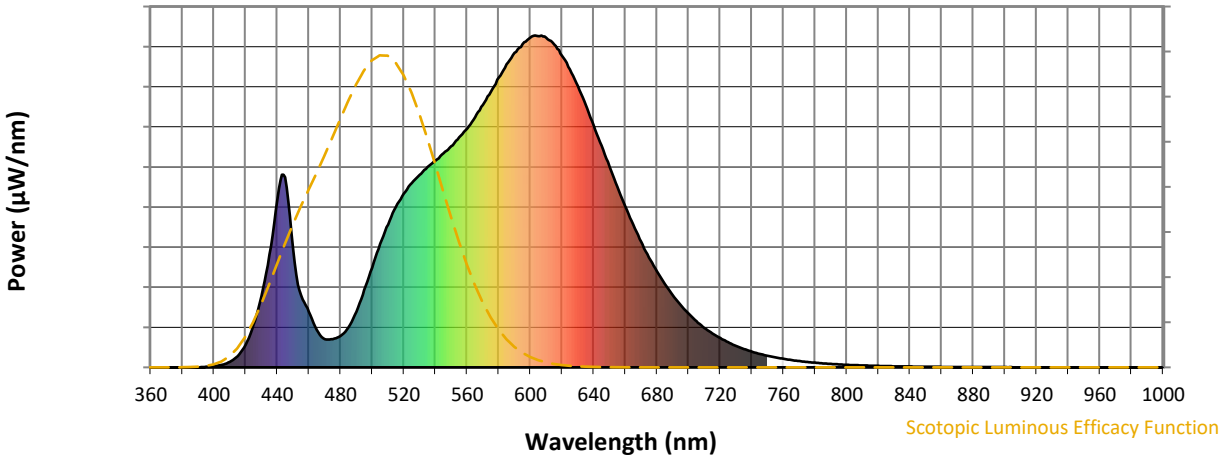


Photopic Lumens: NR

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

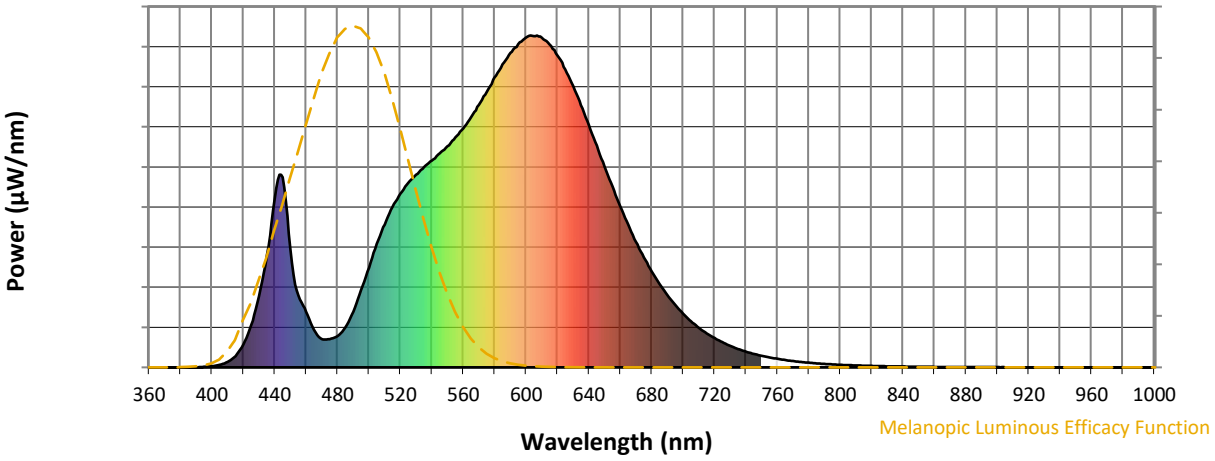


Scotopic Lumens: NR **S/P: 1.27**

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			

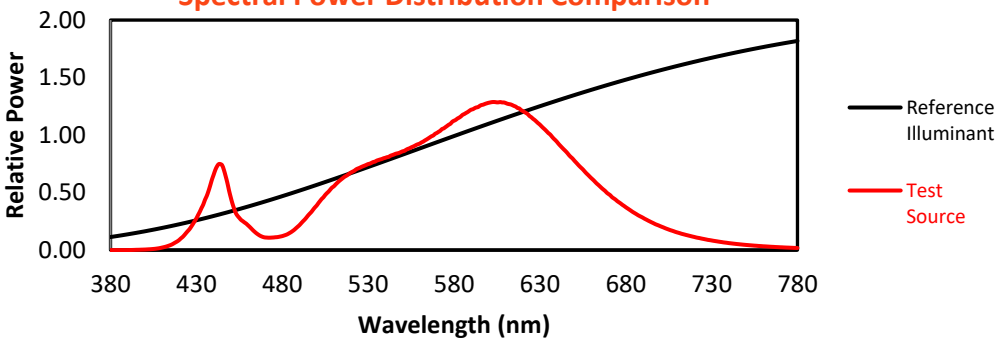
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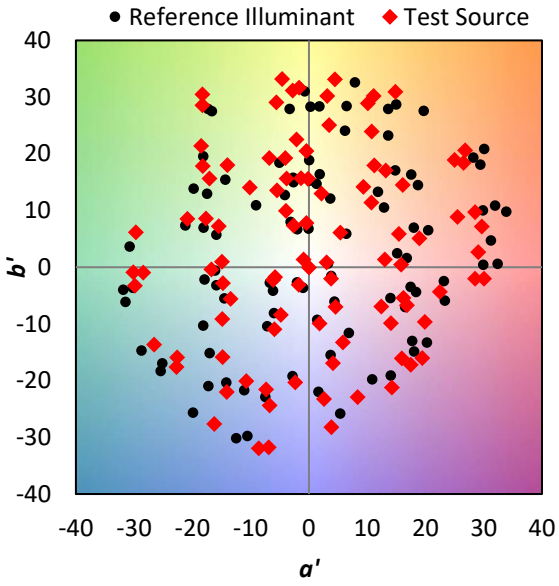
Summary

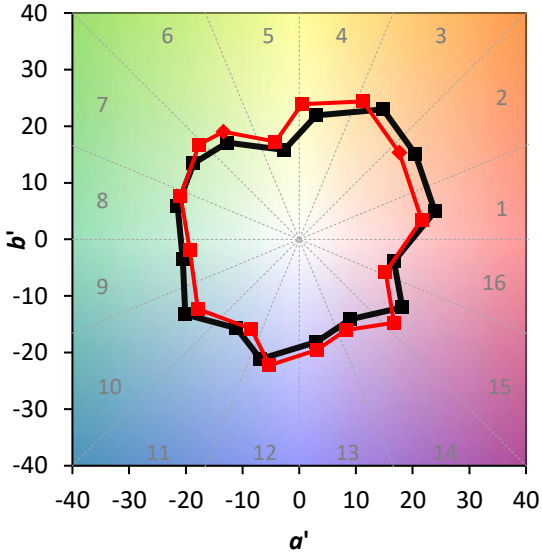
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

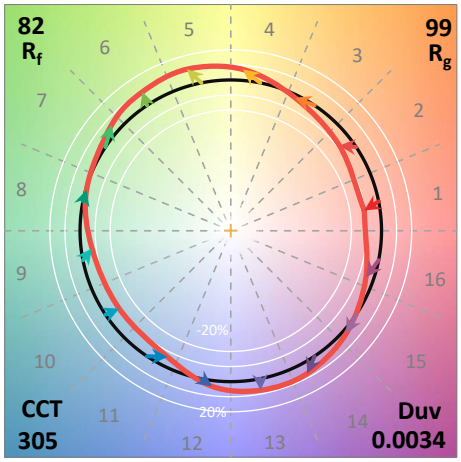
Spectral Power Distribution Comparison

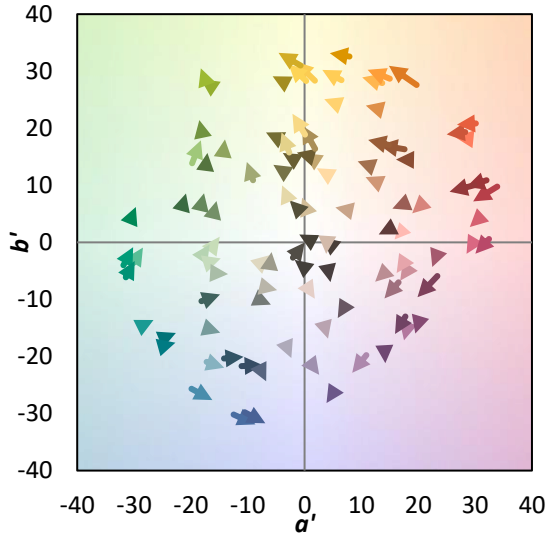


Color Vector Graphics







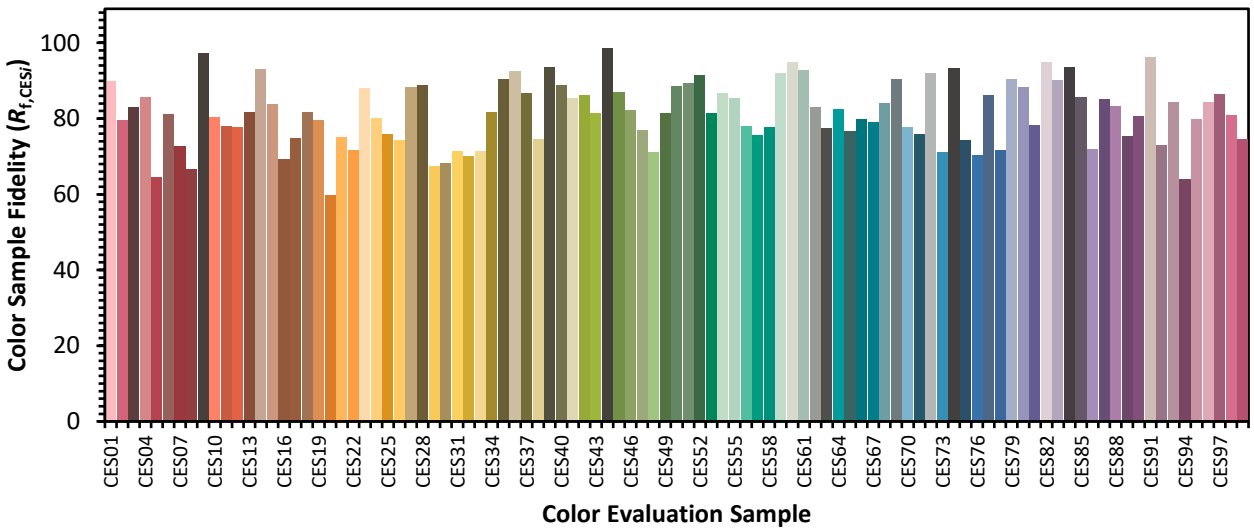


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Individual Sample Fidelity Index ($R_{f,i}$)

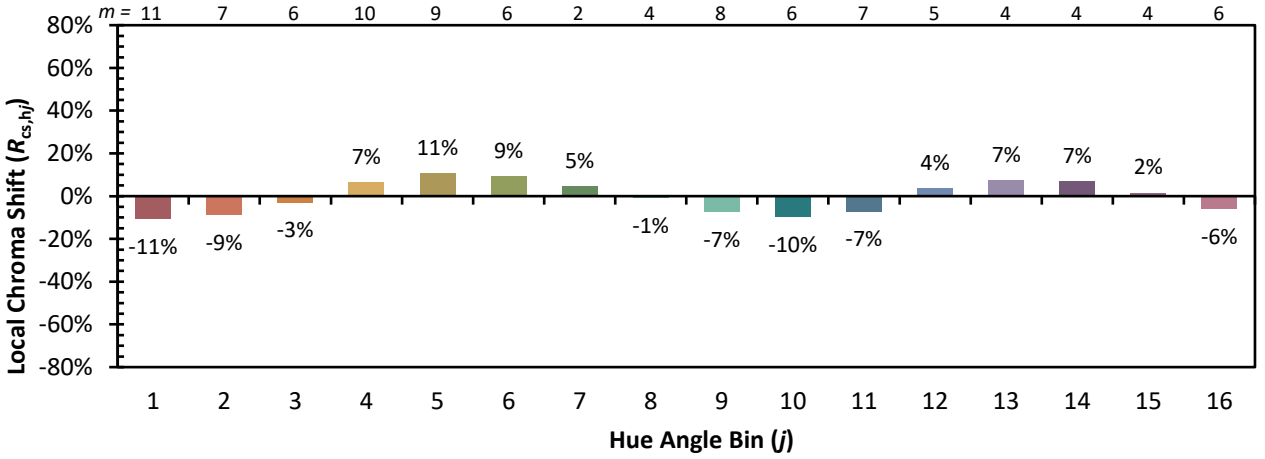
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

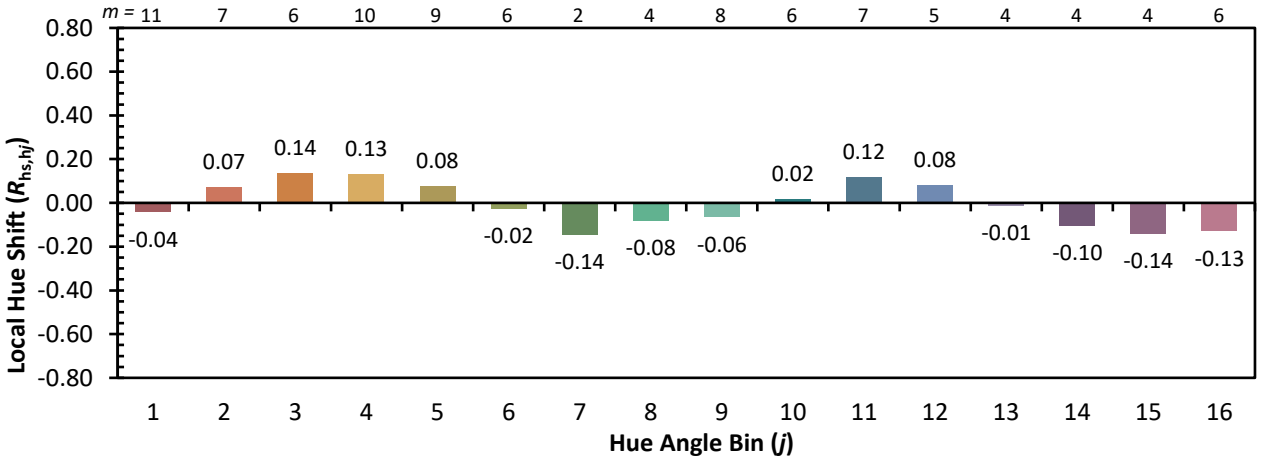


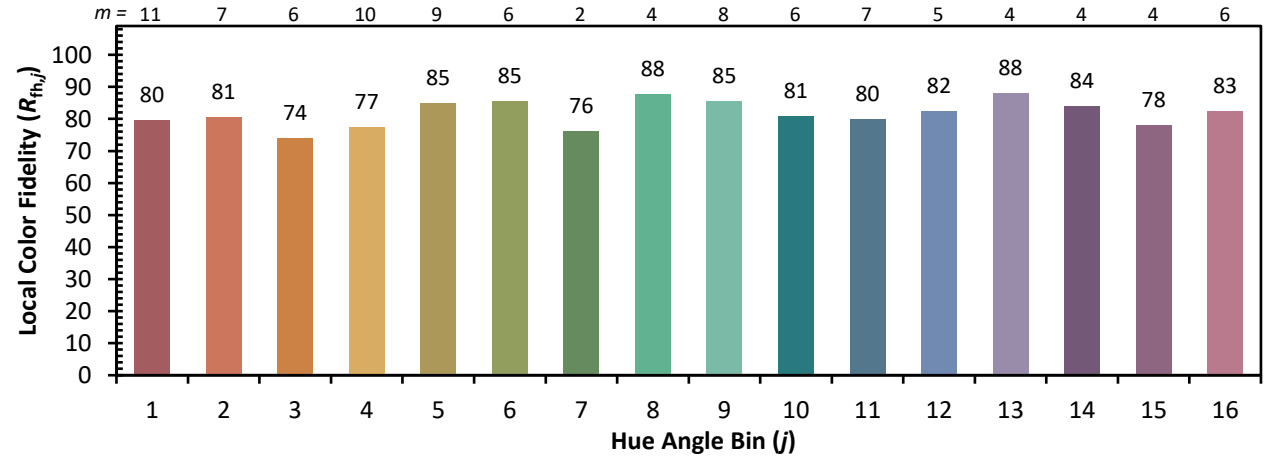
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Color Rendition by Hue-Angle Bin



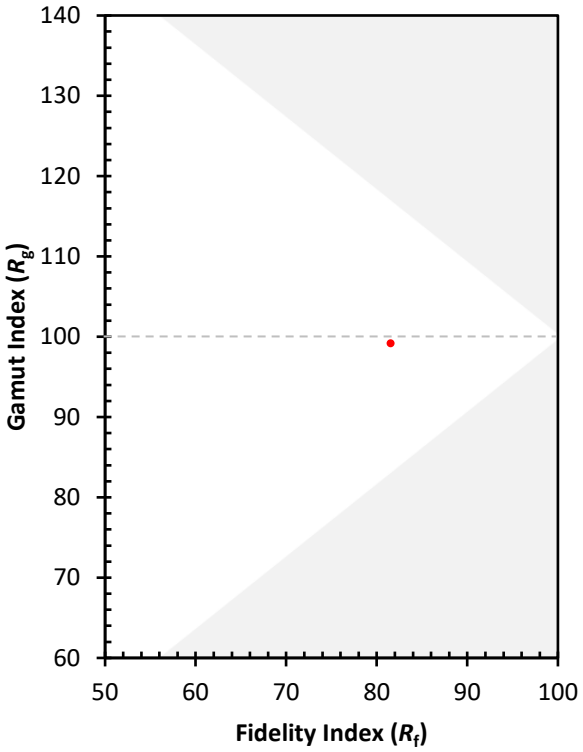


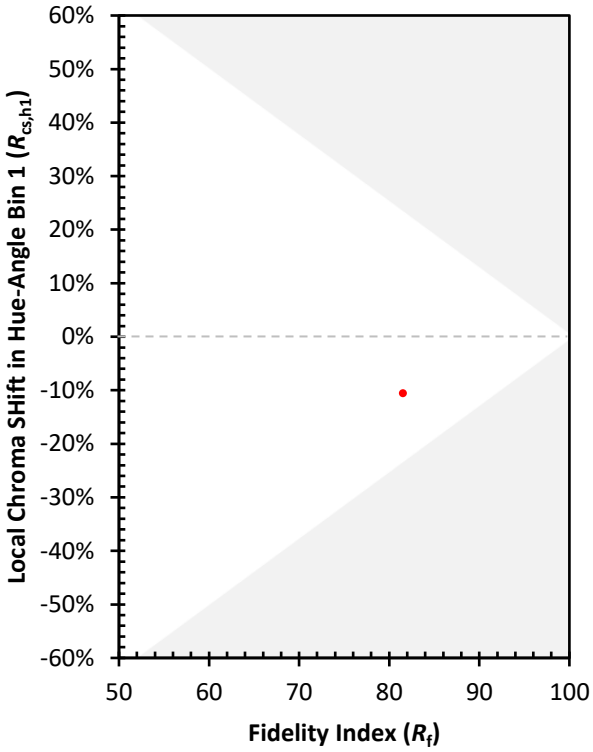


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Measure Comparisons





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