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: P1200828

Luminaire Tested: GPC-SB2D-830-U-T3R

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:	P1200828
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-830-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18768 lumens
Efficiency:	N/A
Efficacy:	127.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

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

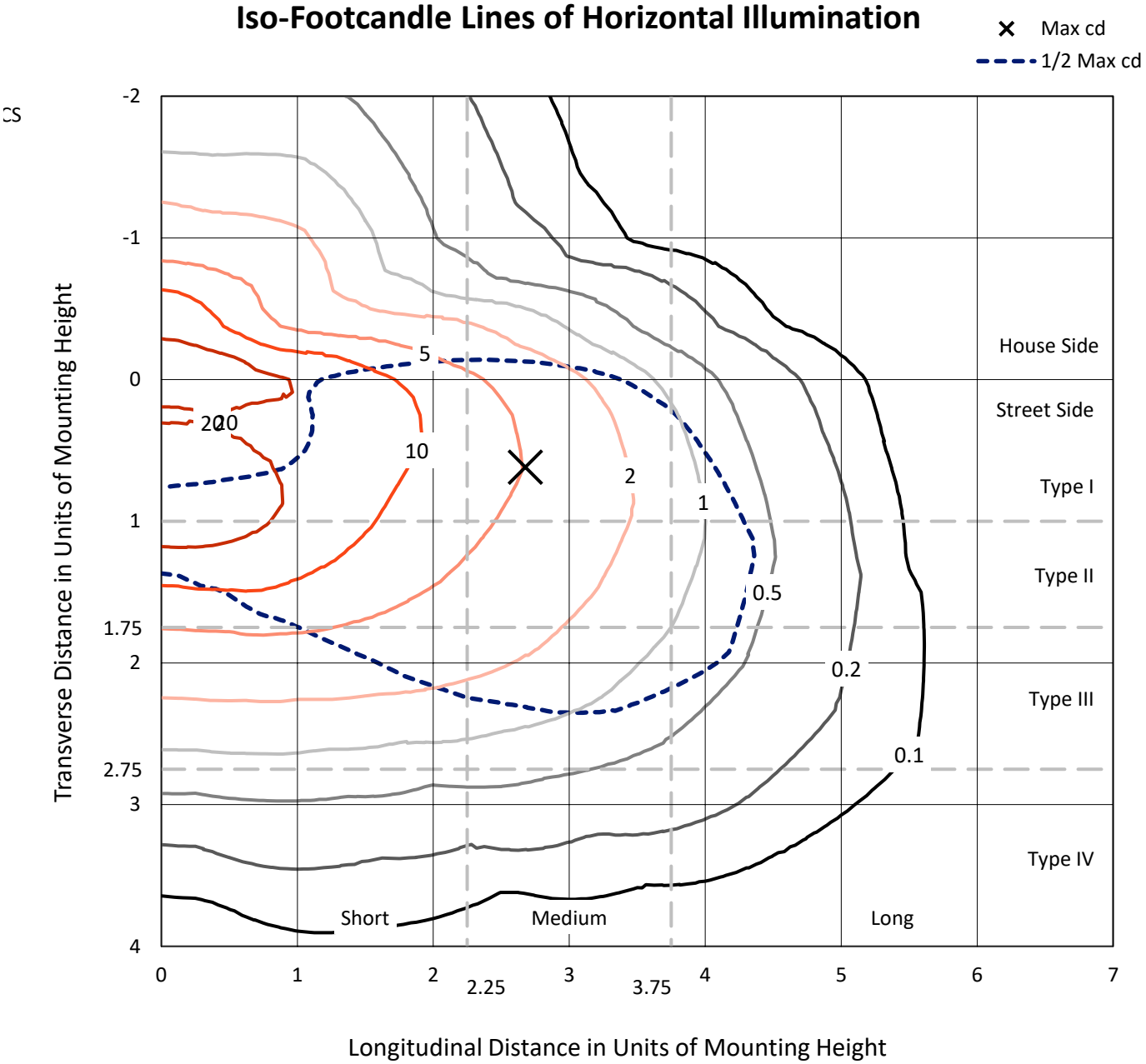


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Scaled Data Report

REPORT NUMBER: P1200828
CATALOG NUMBER: GPC-SB2D-830-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



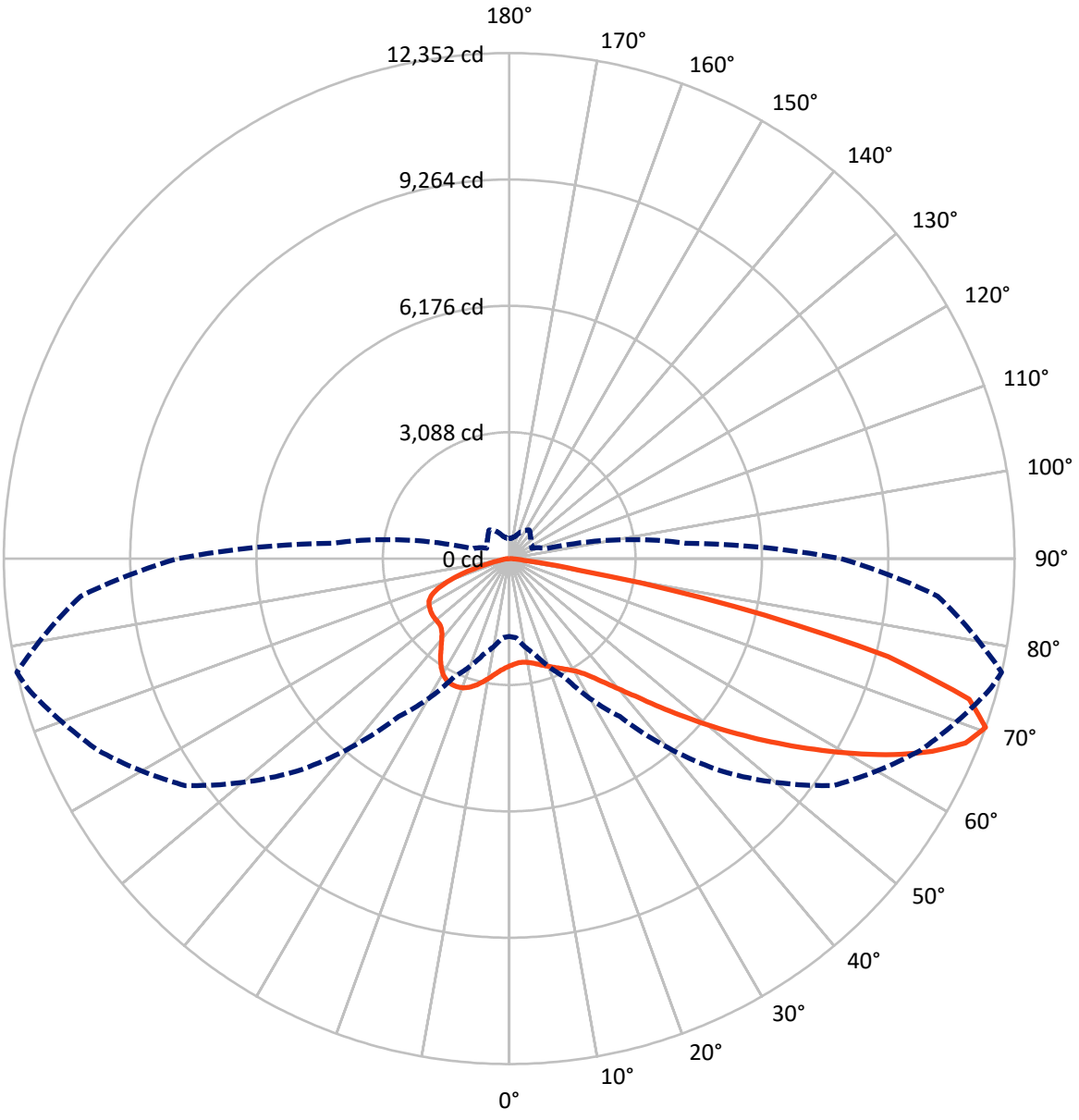
Based on 10 foot mounting height. Maximum calculated value = 31.1 fc
Type III - Medium - N/A

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REPORT NUMBER: P1200828
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Luminous Intensity Polar Plot



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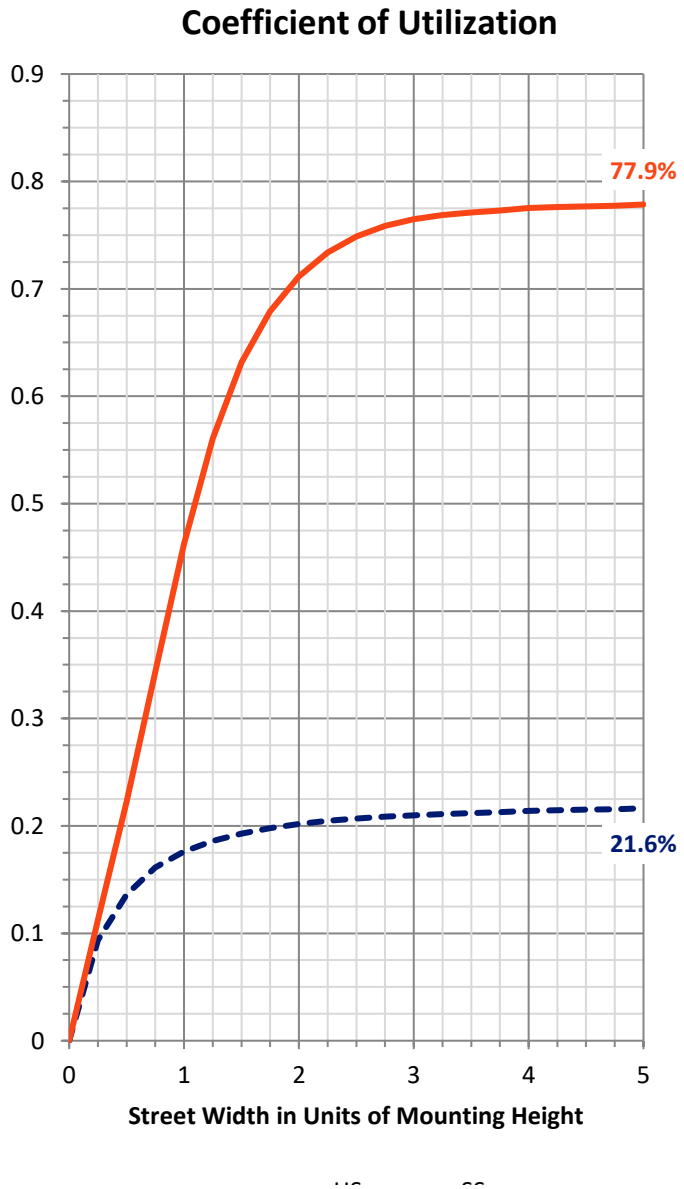
REPORT NUMBER: P1200828
CATALOG NUMBER: GPC-SB2D-830-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4109.9	0.0	4109.9
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	14658.1	0.0	14658.1
	% Fixture	78.1	0.0	78.1
Total	Lumens	18768.0	0.0	18768.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.7	1.3
10°-20°	720.7	3.8
20°-30°	1232.5	6.6
30°-40°	1982.0	10.6
40°-50°	3094.4	16.5
50°-60°	4133.4	22.0
60°-70°	4405.6	23.5
70°-80°	2712.0	14.5
80°-90°	237.6	1.3
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°	18768.0	100.0
0°-180°	18768.0	100.0



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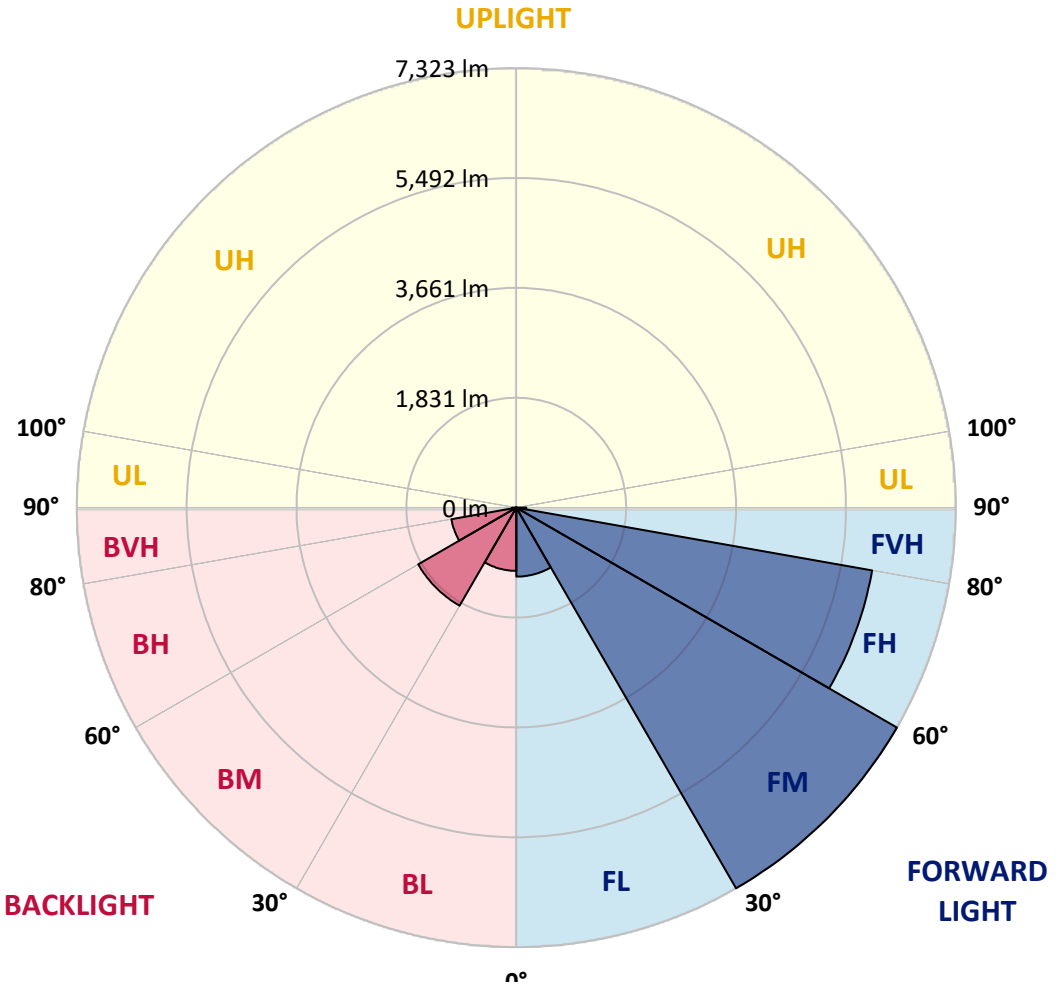
Scaled Data Report

REPORT NUMBER: P1200828
CATALOG NUMBER: GPC-SB2D-830-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1149.8	6.1			
FM	(30°-60°)	7322.9	39.0			
FH	(60°-80°)	6019.2	32.1			G3/7500
FVH	(80°-90°)	166.2	0.9			G2/225
BL	(0°-30°)	1053.1	5.6	B3/2500		
BM	(30°-60°)	1886.9	10.1	B2/2500		
BH	(60°-80°)	1098.4	5.9	B3/2500		G3/2500
BVH	(80°-90°)	71.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Medium



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REPORT NUMBER: P1200828
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	*2618.3*	2618.3
2.5°	2413.6	2412.6	2425.1	2429.0	2452.0	2468.4	2499.1	2531.8	2574.1	*2578.9*	2604.9
5°	2274.2	2274.2	2288.6	2304.0	2333.8	2366.5	2413.6	2470.3	2543.3	*2554.9*	2619.3
7.5°	2156.0	2163.7	2176.2	2206.0	2240.6	2287.7	2359.7	2440.5	2536.6	*2554.9*	2658.7
10°	2060.8	2069.5	2084.8	2108.9	2160.8	2226.1	2320.3	2424.1	2552.9	*2581.8*	2716.3
12.5°	2031.0	2039.7	2048.3	2066.6	2114.6	2191.5	2304.0	2431.8	2592.4	*2621.2*	2795.2
15°	2100.2	2110.8	2104.1	2099.3	2124.3	2194.4	2311.7	2459.7	2641.4	*2682.7*	2892.2
17.5°	2259.8	2263.6	2248.2	2203.1	2199.2	2236.7	2348.2	2498.2	2702.9	*2748.1*	2990.3
20°	2517.4	2510.7	2478.9	2389.5	2338.6	2330.9	2410.7	2555.8	2766.3	*2814.4*	3096.0
22.5°	2867.3	2859.6	2796.1	2654.8	2541.4	2466.4	2501.0	2630.8	2837.5	*2891.3*	3198.9
25°	3303.6	3293.1	3199.8	3007.6	2831.7	2646.2	2624.1	2729.8	2924.9	*2974.9*	3306.5
27.5°	3813.1	3804.4	3703.5	3449.7	3196.0	2892.2	2776.9	2846.1	3016.2	*3073.0*	3427.6
30°	4361.0	4386.0	4207.2	3934.2	3613.1	3213.3	2982.6	2989.3	3134.5	*3185.4*	3574.7
32.5°	5005.0	5048.2	4832.9	4486.9	4048.6	3562.2	3242.1	3189.3	3306.5	*3348.8*	3760.2
35°	5643.2	5692.2	5513.4	5130.9	4626.3	3973.6	3513.2	3419.0	3535.3	*3581.4*	4006.3
37.5°	6194.9	6260.3	6168.0	5835.4	5244.3	4469.6	3866.9	3689.1	3816.9	*3874.6*	4336.9
40°	6630.4	6730.3	6723.6	6516.0	5972.9	5071.3	4315.8	4022.6	4166.8	*4229.3*	4737.8
42.5°	6984.1	7070.6	7145.6	7135.0	6733.2	5754.7	4843.5	4456.1	4565.7	*4637.8*	5188.6
45°	7228.2	7320.5	7482.0	7656.0	7464.7	6486.2	5448.1	4970.4	5070.3	*5178.9*	5725.9
47.5°	7446.4	7551.2	7760.7	8036.6	8085.6	7220.5	6110.3	5569.2	5660.5	*5773.0*	6265.1
50°	7465.6	7556.0	7880.9	8272.1	8526.8	7926.1	6821.6	6241.1	6326.6	*6446.8*	6842.8
52.5°	7001.4	7143.6	7710.7	8265.4	8729.6	8516.2	7528.1	6939.9	7036.0	*7180.2*	7440.6
55°	5434.6	5643.2	7211.9	8007.8	8657.5	8897.8	8200.0	7682.9	7805.9	*7956.8*	8042.4
57.5°	4681.0	4772.4	5724.9	7538.7	8328.8	8996.8	8767.1	8433.6	8631.6	*8796.9*	8678.7
60°	4207.2	4283.1	4846.4	6809.1	7896.3	8840.2	9205.4	9133.3	9475.5	*9672.5*	9329.4
62.5°	3699.7	3771.7	4284.1	5685.5	7342.6	8579.7	9482.2	9779.2	10340.6	*10555.9*	9942.6
65°	3196.0	3257.5	3748.7	4777.2	6639.0	8319.2	9625.5	10337.7	11141.3	*11364.3*	10452.1
67.5°	2634.6	2685.6	3149.9	4030.3	5783.5	7962.6	9696.6	10777.0	11838.1	*12029.4*	10703.9
70°	*1901.3*	*1940.7*	*2420.3*	*3187.3*	*4709.9*	*7349.3*	*9667.7*	*11088.4*	*12199.5*	*12352.4*	*10513.6*
72.5°	898.7	934.3	1497.5	2069.5	3326.7	6155.5	9084.3	10841.4	11832.4	*11756.4*	9348.6
75°	479.6	510.4	860.3	1135.2	1757.1	4219.7	7433.9	9339.0	9935.9	*9566.8*	6909.1
77.5°	324.9	348.9	532.5	681.5	802.6	2003.1	4778.1	6466.0	6220.9	*5611.5*	3460.3
80°	257.6	282.6	436.4	461.4	388.3	723.8	1974.3	2993.2	2150.2	*1719.6*	984.3
82.5°	198.0	225.9	367.2	334.5	211.5	297.0	574.8	946.8	550.8	*419.1*	238.4
85°	121.1	150.9	288.4	213.4	119.2	135.5	195.1	263.4	168.2	*140.3*	85.5
87.5°	61.5	86.5	146.1	77.9	53.8	31.7	51.9	51.9	44.2	*38.4*	22.1
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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Scaled Data Report

REPORT NUMBER: P1200828
CATALOG NUMBER: GPC-SB2D-830-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3	2618.3
2.5°	2627.9	2647.1	2679.8	2710.6	2734.6	2757.7	2780.7	2793.2	2797.1	2812.5	2821.1
5°	2658.7	2694.2	2757.7	2817.3	2854.8	2877.8	2894.2	2903.8	2905.7	2910.5	2918.2
7.5°	2715.4	2772.1	2860.5	2920.1	2948.0	2946.1	2939.3	2915.3	2905.7	2897.1	2899.0
10°	2795.2	2870.1	2978.8	3020.1	3002.8	2956.6	2897.1	2826.9	2794.2	2762.5	2752.9
12.5°	2894.2	2989.3	3096.0	3094.1	3008.6	2890.3	2751.9	2644.3	2576.0	2527.0	2515.5
15°	3014.3	3123.9	3205.6	3140.2	2952.8	2740.4	2537.6	2397.2	2335.7	2281.9	2276.1
17.5°	3138.3	3255.6	3293.1	3125.8	2812.5	2518.3	2288.6	2178.1	2117.5	2088.7	2097.3
20°	3259.4	3375.7	3345.0	3043.2	2599.1	2266.5	2061.8	2001.2	1988.7	1995.4	1992.6
22.5°	3387.3	3491.1	3355.5	2883.6	2327.1	2008.9	1896.4	1898.4	1926.2	1946.4	1951.2
25°	3518.0	3588.2	3327.7	2652.9	2034.9	1819.6	1791.7	1822.4	1877.2	1916.6	1927.2
27.5°	3643.9	3674.7	3267.1	2367.4	1784.0	1684.0	1688.8	1752.3	1834.9	1889.7	1903.2
30°	3786.2	3751.6	3150.8	2046.4	1610.0	1567.7	1608.1	1682.1	1764.8	1813.8	1825.3
32.5°	3946.7	3817.9	2966.3	1749.4	1487.0	1474.5	1540.8	1588.9	1625.4	1639.8	1647.5
35°	4146.6	3911.1	2729.8	1540.8	1376.4	1406.2	1469.7	1445.6	1431.2	1423.5	1431.2
37.5°	4406.1	4037.0	2453.0	1405.3	1287.0	1357.2	1383.2	1308.2	1251.5	1223.6	1230.3
40°	4718.5	4221.6	2186.7	1300.5	1230.3	1314.9	1269.7	1179.4	1107.3	1067.9	1070.8
42.5°	5065.5	4414.8	1962.8	1221.7	1198.6	1280.3	1186.1	1078.5	962.2	949.7	962.2
45°	5429.8	4613.8	1809.9	1161.1	1183.2	1250.5	1138.1	964.1	881.4	932.4	959.3
47.5°	5794.1	4796.4	1717.7	1116.0	1175.5	1216.9	1095.8	900.6	842.0	916.0	950.6
50°	6199.7	4959.8	1676.3	1083.3	1166.9	1203.4	1032.3	884.3	800.7	849.7	886.2
52.5°	6602.5	5086.7	1645.6	1050.6	1154.4	1192.8	1001.6	865.1	750.7	753.6	773.8
55°	7004.3	5169.3	1611.9	1007.3	1126.5	1169.8	998.7	843.9	713.2	699.8	709.4
57.5°	7433.0	5216.4	1570.6	959.3	1078.5	1111.1	995.8	827.6	701.7	679.6	682.5
60°	7869.3	5285.6	1516.8	900.6	1014.1	1041.0	989.1	821.8	694.9	657.5	660.3
62.5°	8260.5	5309.7	1452.4	844.9	931.4	971.8	974.7	817.0	676.7	612.3	612.3
65°	8517.2	5205.9	1339.9	781.5	842.0	900.6	946.8	800.7	644.0	579.6	579.6
67.5°	8506.6	4909.8	1164.0	699.8	755.5	821.8	906.4	772.8	604.6	539.2	542.1
70°	*8110.6*	*4325.4*	*941.0*	*604.6*	*660.3*	*737.2*	*854.5*	*731.5*	*557.5*	*495.0*	*500.8*
72.5°	6956.2	3385.3	683.4	493.1	549.8	649.8	787.2	681.5	509.4	455.6	452.7
75°	4969.4	2142.5	463.3	378.7	427.7	550.8	703.6	622.9	465.2	457.5	431.6
77.5°	2538.5	1023.7	306.6	276.8	298.0	434.5	591.1	556.5	471.9	377.8	336.4
80°	825.7	377.8	193.2	188.4	198.0	289.3	457.5	456.6	357.6	256.6	226.8
82.5°	263.4	162.4	125.9	121.1	116.3	181.7	319.1	361.4	241.3	162.4	161.5
85°	104.8	97.1	74.0	68.2	49.0	85.5	167.2	240.3	179.7	117.3	120.1
87.5°	38.4	38.4	20.2	14.4	10.6	28.8	45.2	72.1	102.8	60.6	59.6
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

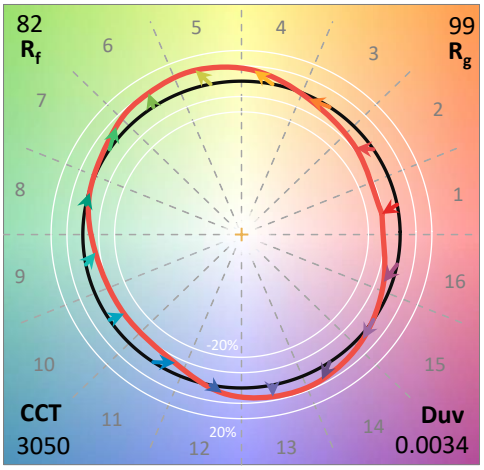
Test Information

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

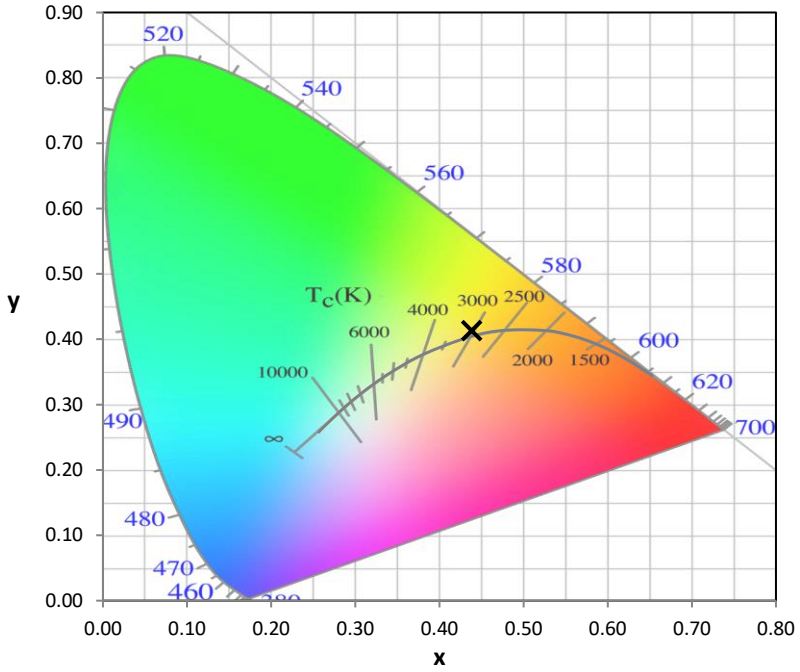
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

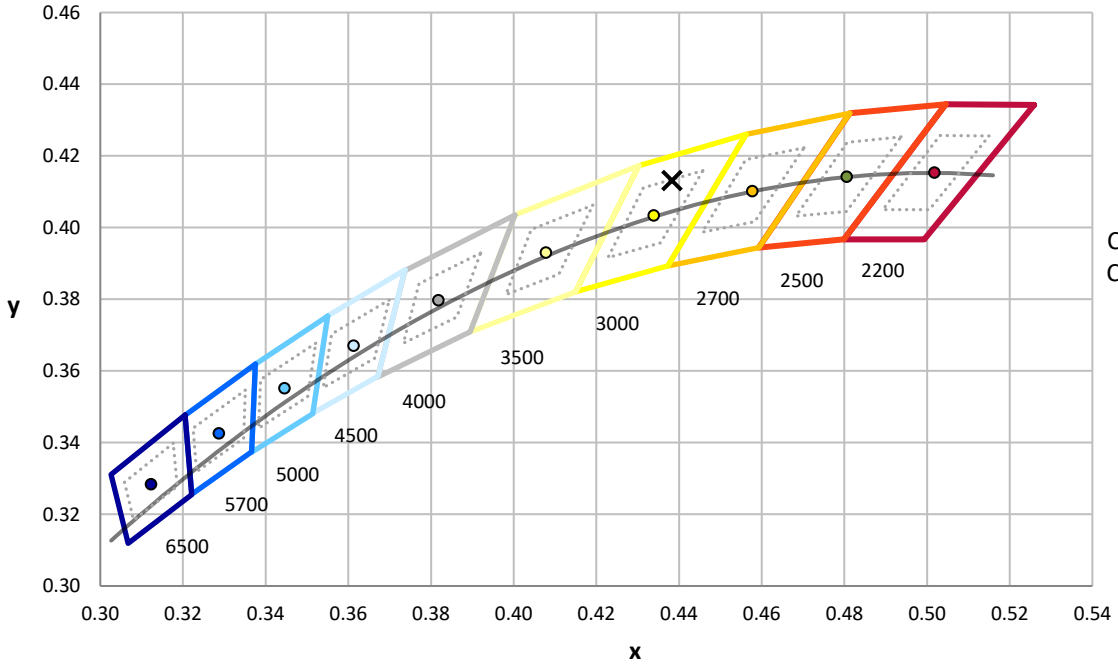
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

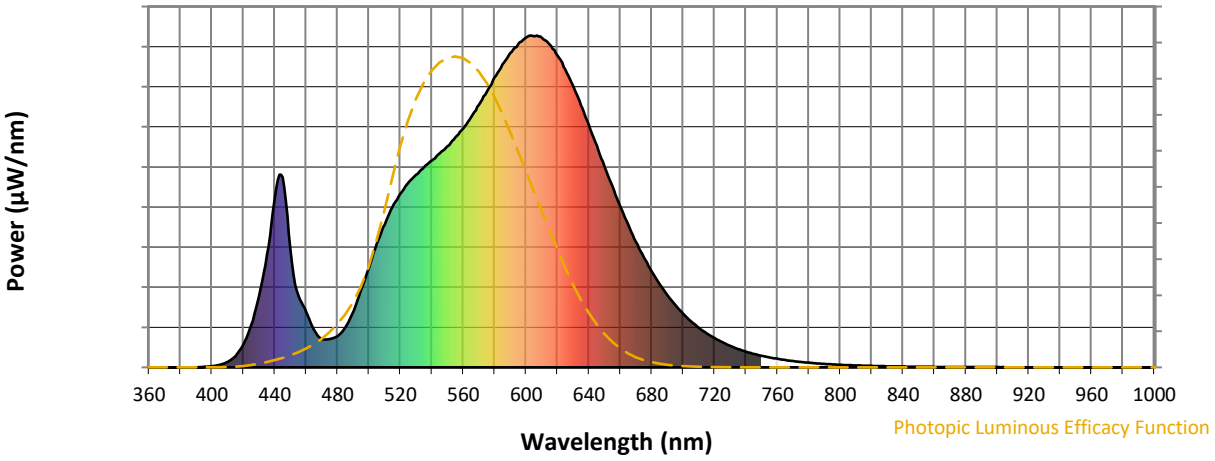


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

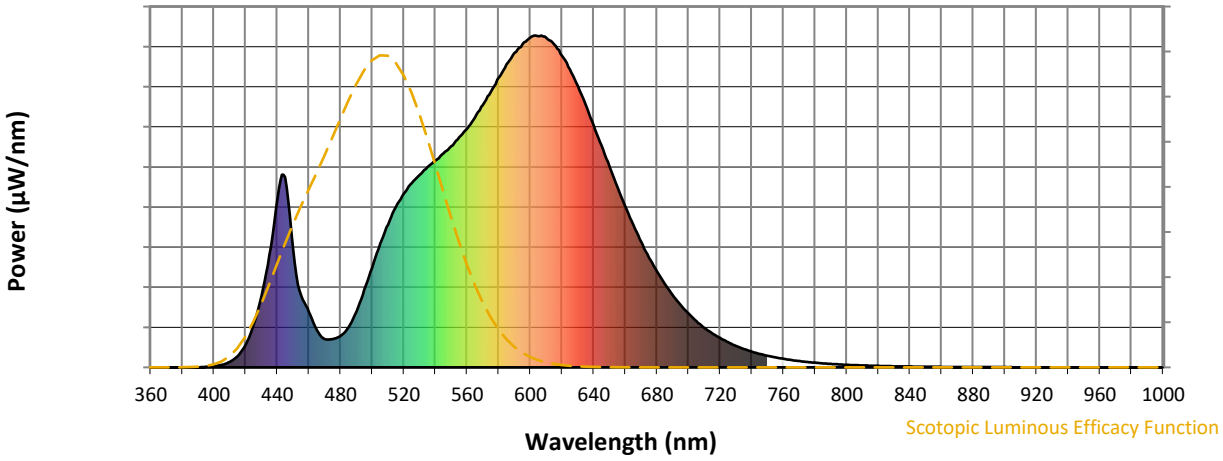


Photopic Lumens: NR

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

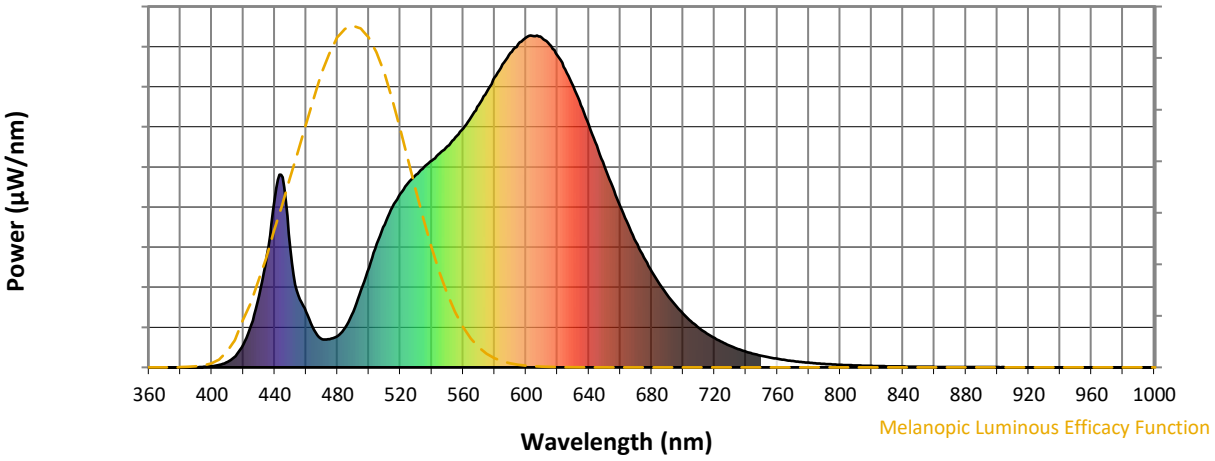


Scotopic Lumens: NR **S/P: 1.27**

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			

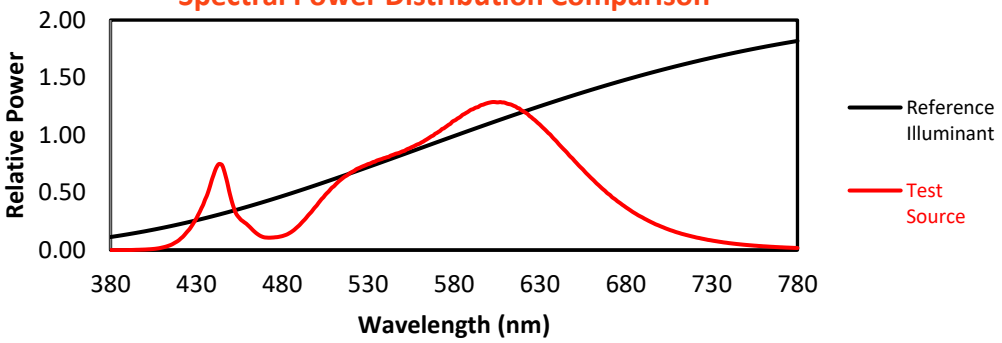
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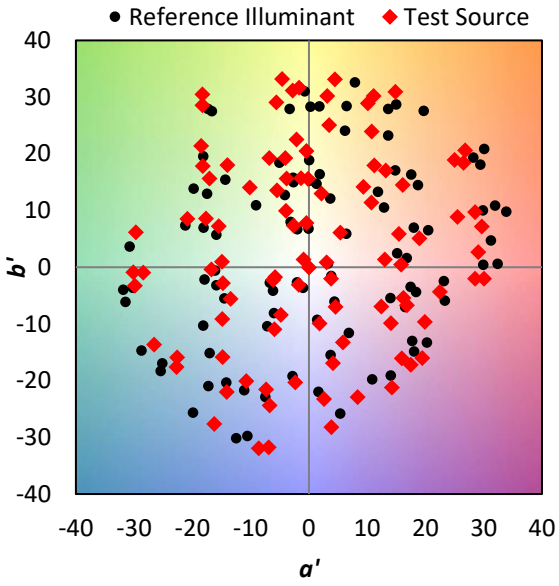
Summary

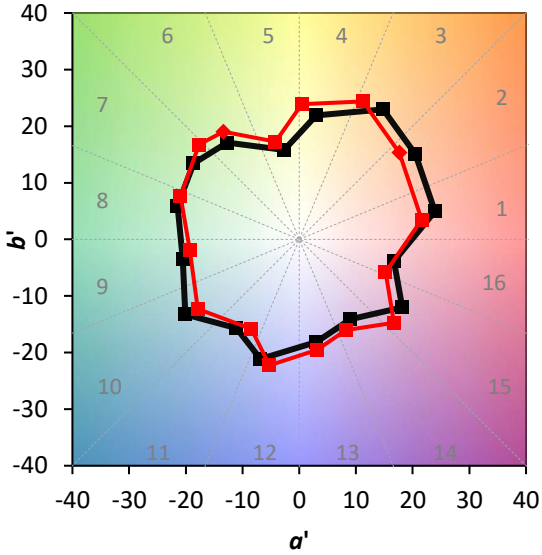
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

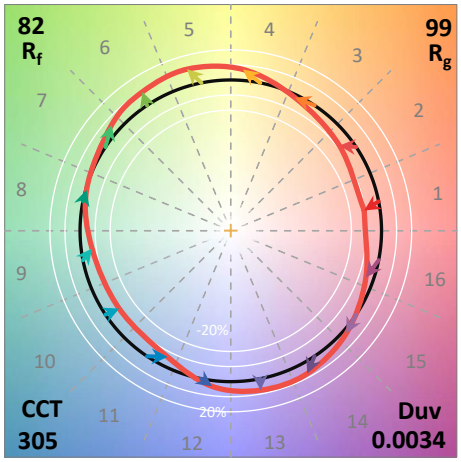
Spectral Power Distribution Comparison

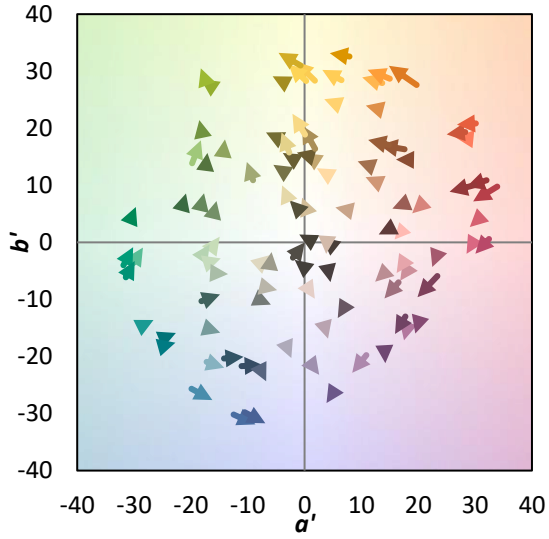


Color Vector Graphics







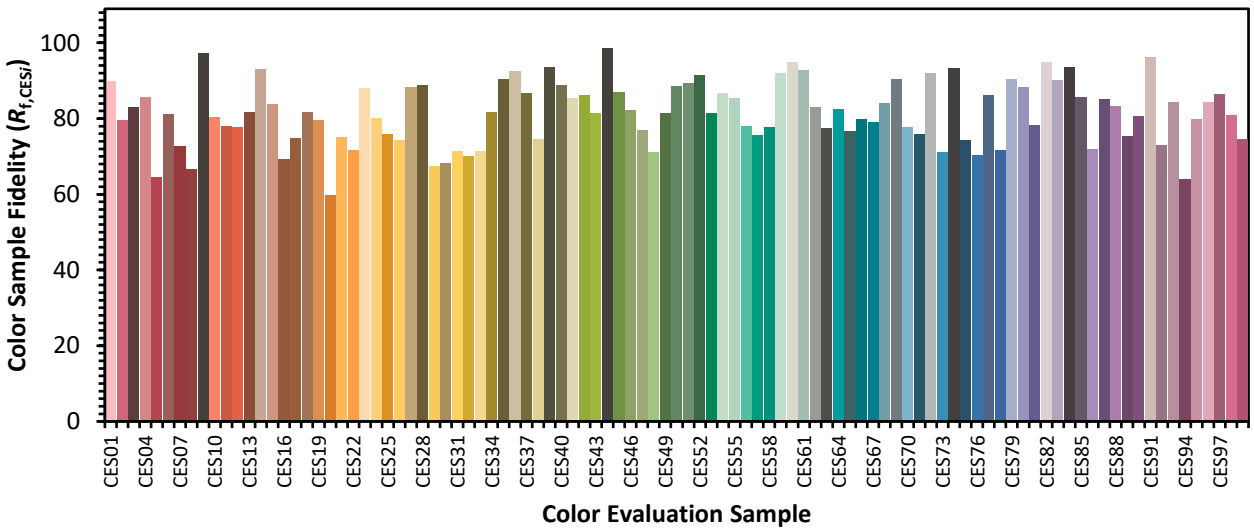


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Individual Sample Fidelity Index ($R_{f,i}$)

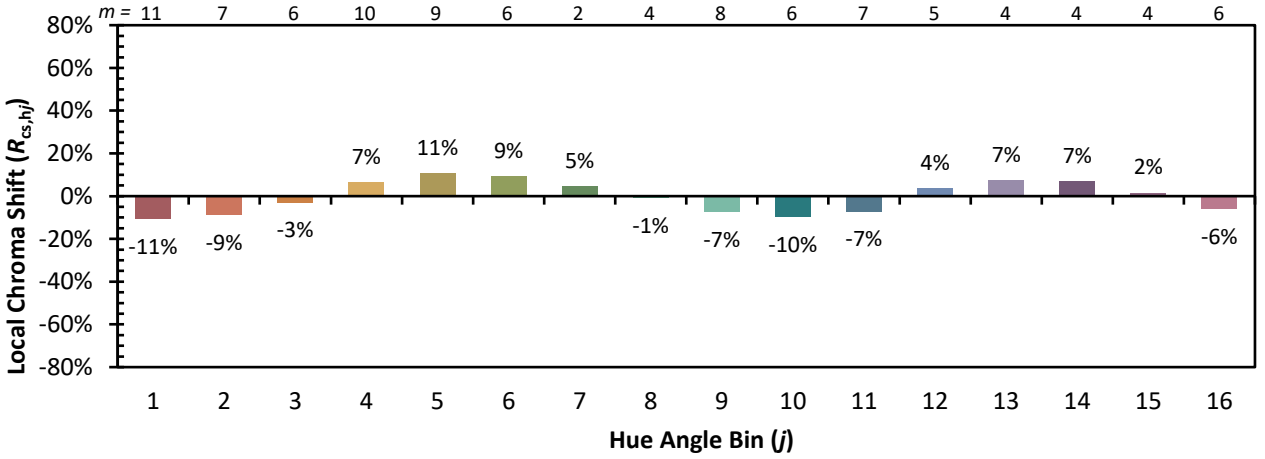
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

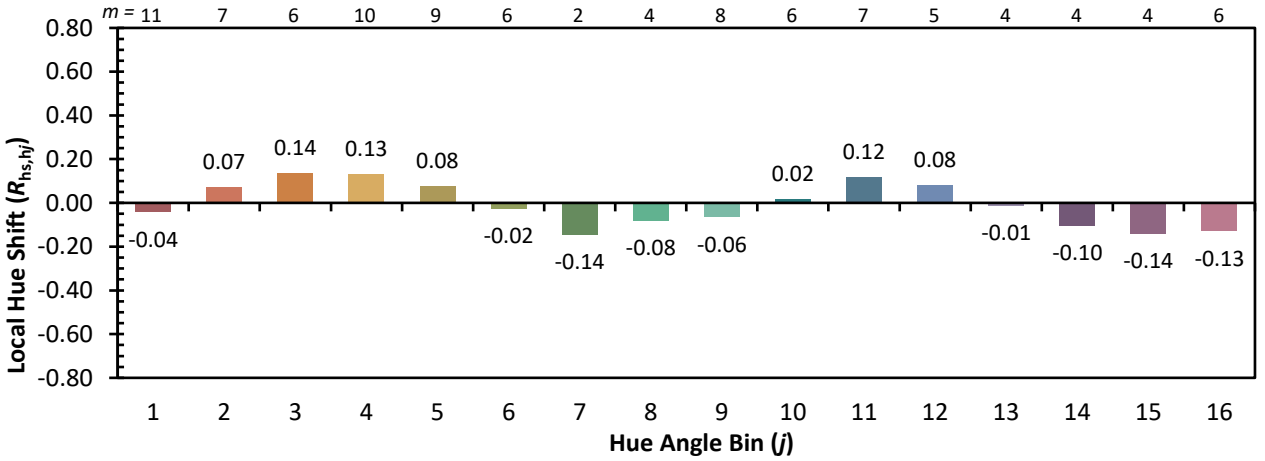


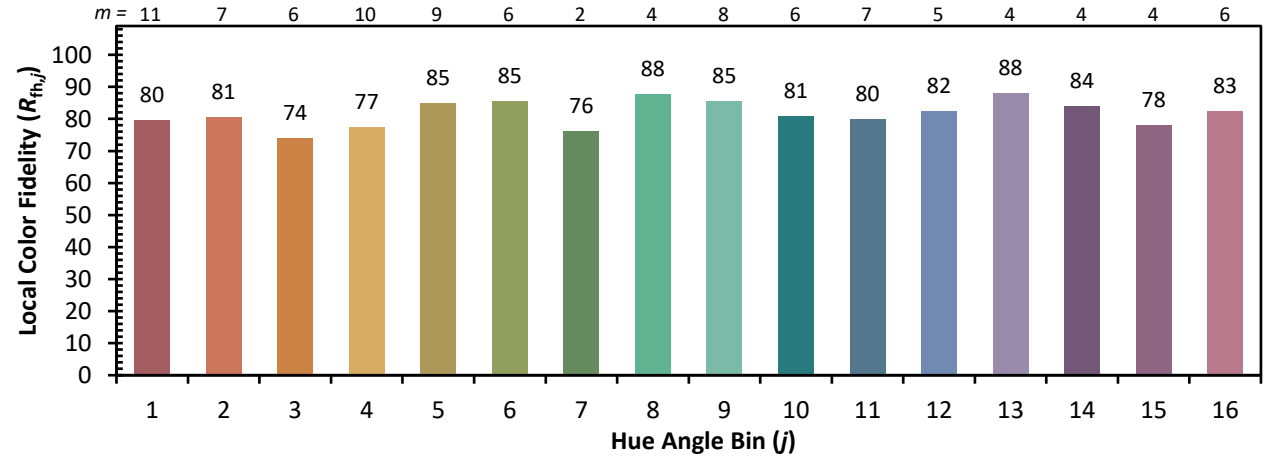
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Color Rendition by Hue-Angle Bin



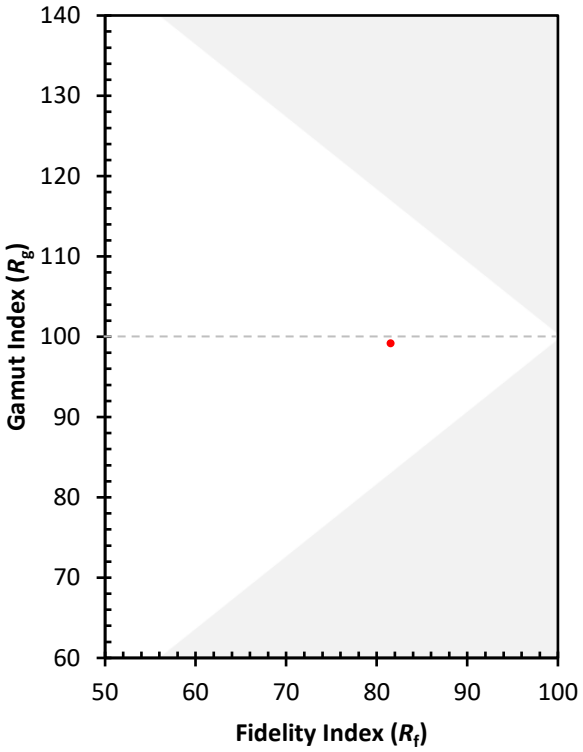


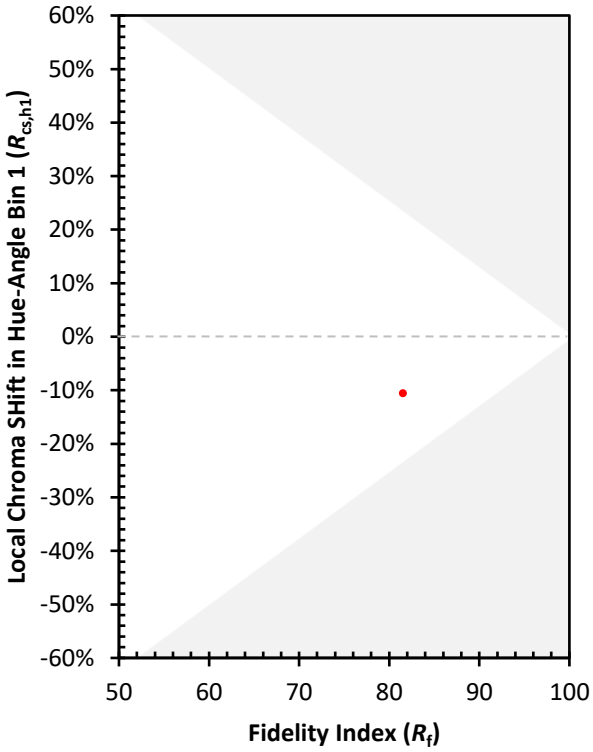


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Measure Comparisons





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