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: P1198906

Luminaire Tested: GPC-SB1D-830-U-AFL

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:	P1198906
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9349 lumens
Efficiency:	N/A
Efficacy:	117.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

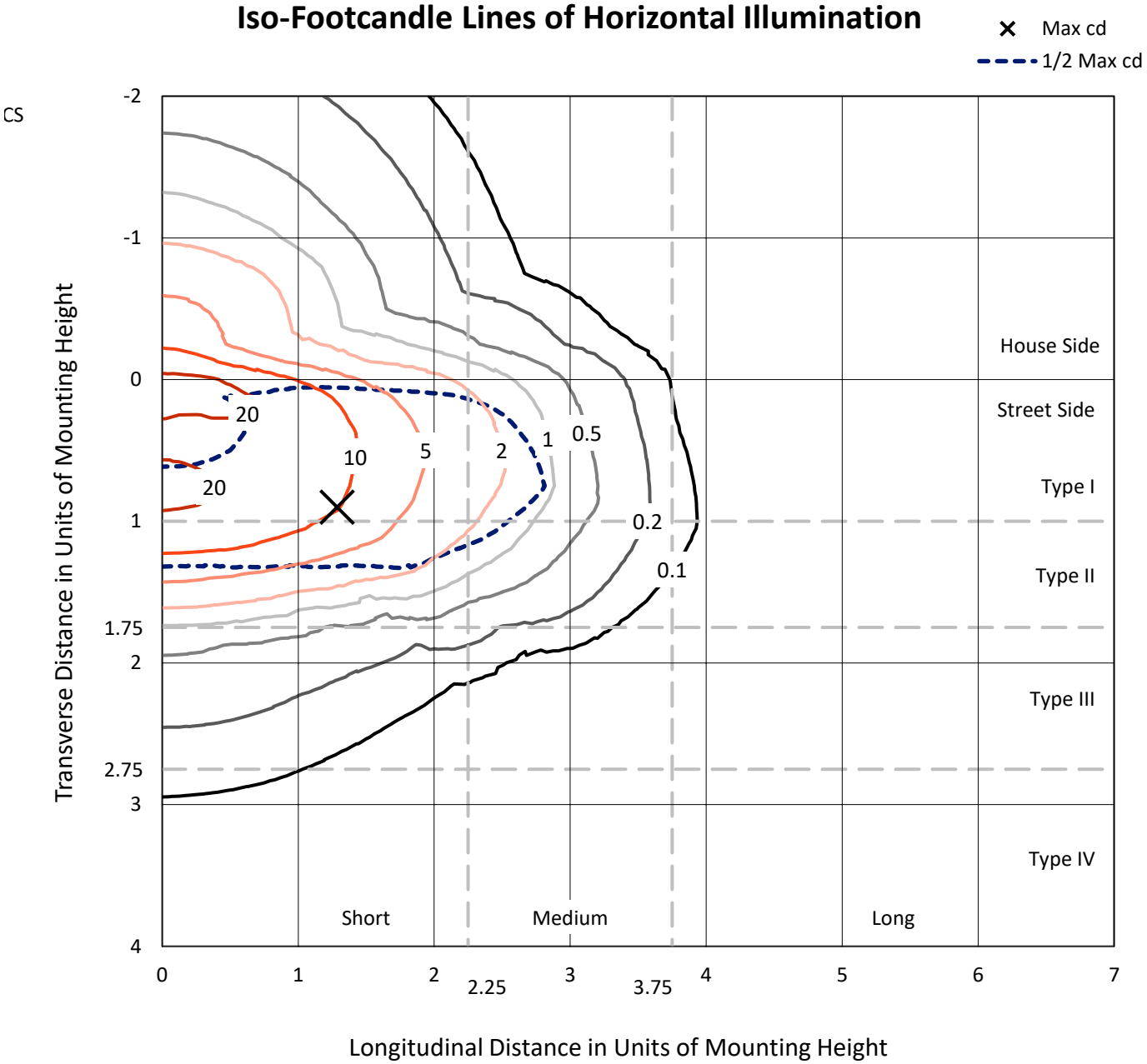


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Scaled Data Report

REPORT NUMBER: P1198906
CATALOG NUMBER: GPC-SB1D-830-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



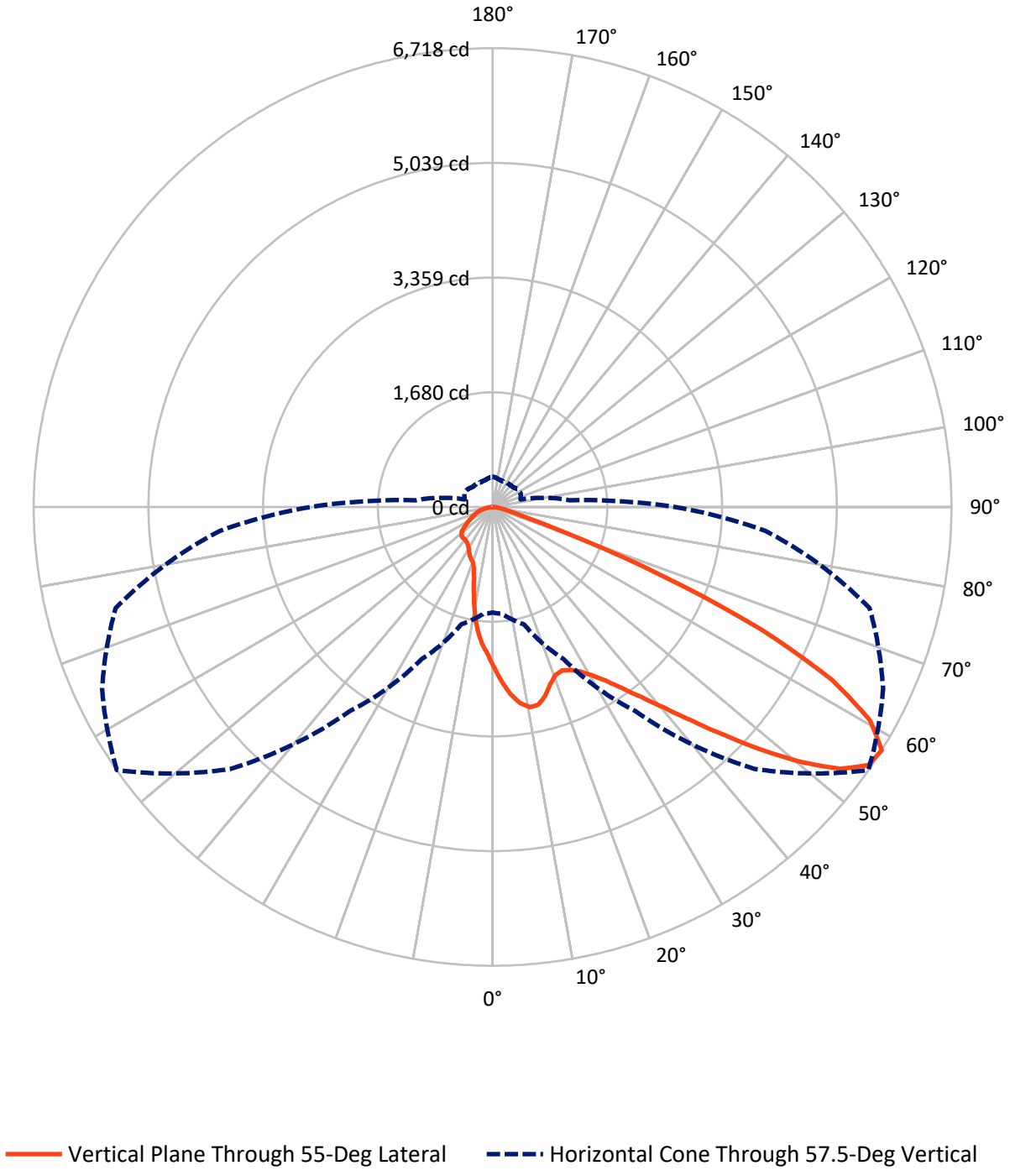
Based on 10 foot mounting height. Maximum calculated value = 28.3 fc
Type II - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1198906
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Luminous Intensity Polar Plot



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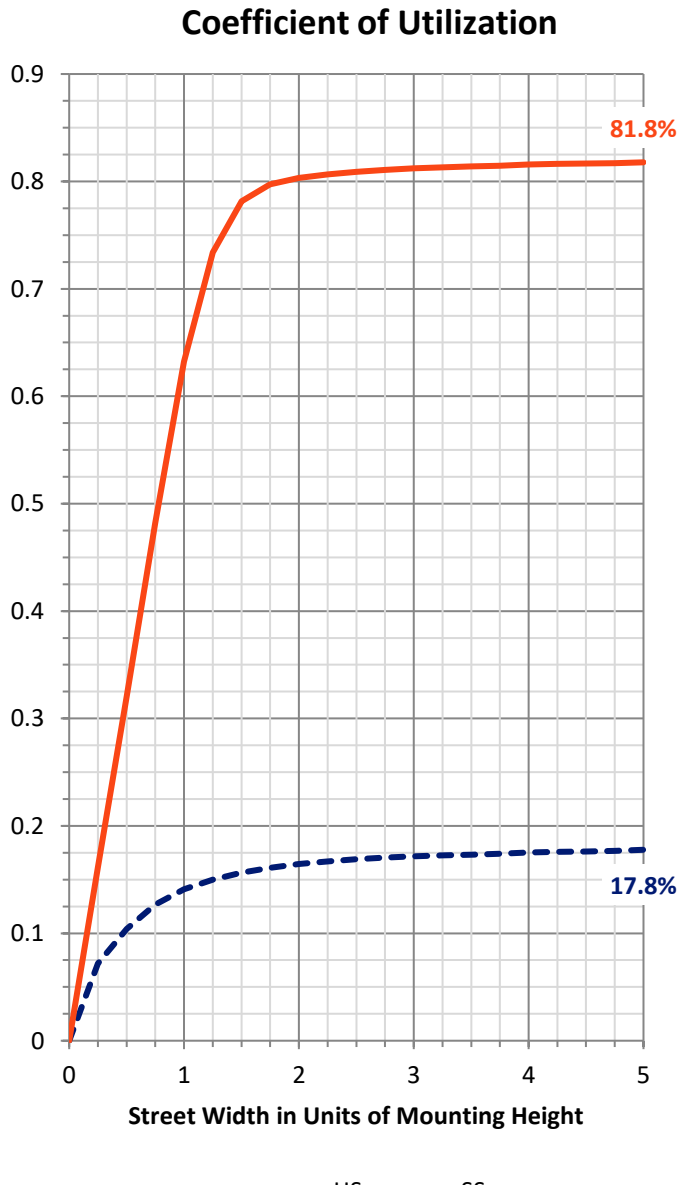
REPORT NUMBER: P1198906
CATALOG NUMBER: GPC-SB1D-830-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1691.7	0.0	1691.7
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	7657.3	0.0	7657.3
	% Fixture	81.9	0.0	81.9
Total	Lumens	9349.0	0.0	9349.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.4	2.3
10°-20°	548.7	5.9
20°-30°	875.5	9.4
30°-40°	1386.2	14.8
40°-50°	2121.7	22.7
50°-60°	2272.5	24.3
60°-70°	1429.6	15.3
70°-80°	422.8	4.5
80°-90°	74.7	0.8
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°	9349.0	100.0
0°-180°	9349.0	100.0



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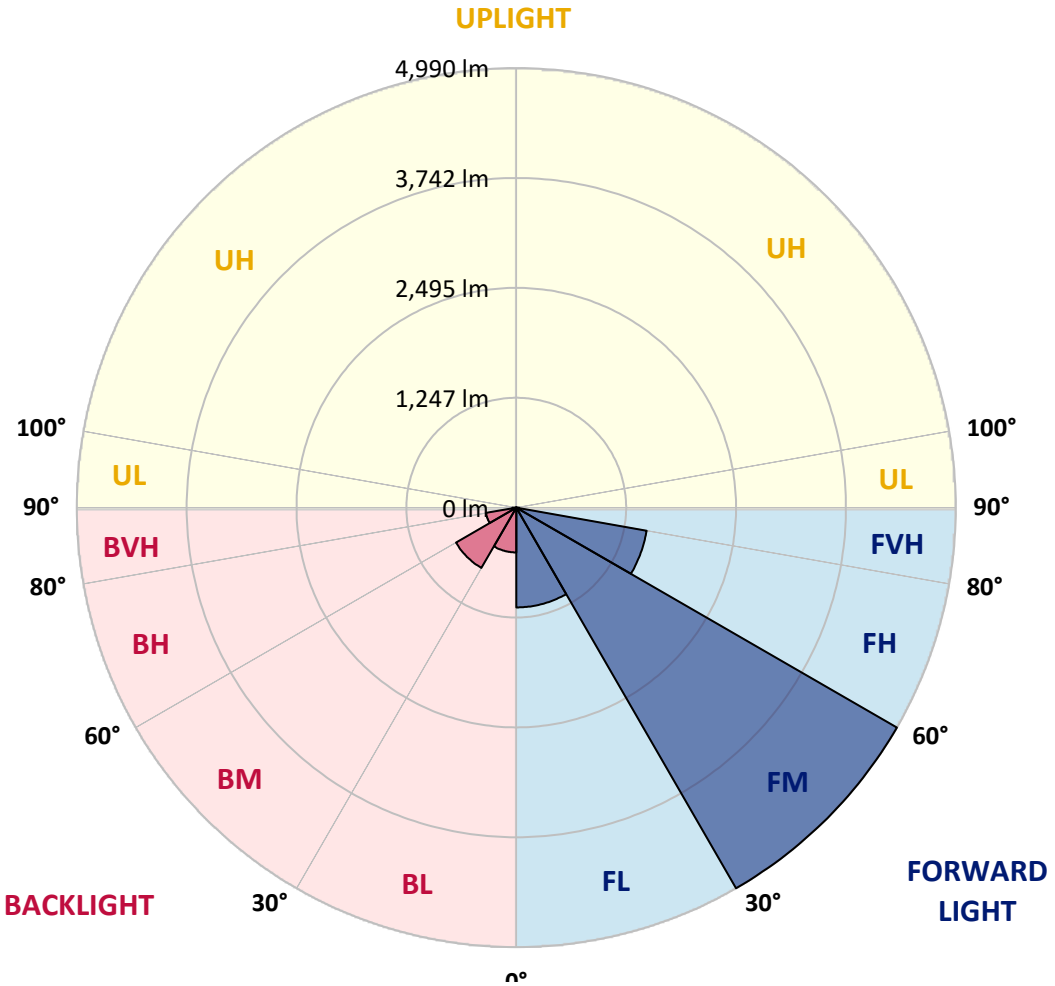
Scaled Data Report

REPORT NUMBER: P1198906
CATALOG NUMBER: GPC-SB1D-830-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1133.1	12.1			
FM	(30°-60°)	4989.6	53.4			
FH	(60°-80°)	1503.0	16.1			G1/1800
FVH	(80°-90°)	31.6	0.3			G1/100
BL	(0°-30°)	508.5	5.4	B2/1000		
BM	(30°-60°)	790.7	8.5	B1/1000		
BH	(60°-80°)	349.4	3.7	B1/500		G1/500
BVH	(80°-90°)	43.2	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-G1
Type II Short



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Scaled Data Report

REPORT NUMBER: P1198906
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6
2.5°	2687.6	2685.7	2696.3	2660.1	2635.4	2602.1	2558.1	2502.0	2441.6	2377.8	2350.3
5°	2929.8	2912.9	2924.0	2896.9	2869.8	2819.6	2754.3	2663.0	2551.3	2424.2	2356.6
7.5°	2891.6	2880.0	2908.5	2932.7	2953.0	2946.7	2898.8	2803.1	2659.1	2474.5	2376.4
10°	2583.7	2570.7	2610.8	2694.4	2817.2	2924.0	2982.0	2922.5	2769.3	2529.6	2395.7
12.5°	2312.1	2305.8	2332.4	2400.1	2536.4	2741.3	2971.3	3026.9	2883.9	2594.8	2421.8
15°	2196.1	2188.4	2205.3	2239.6	2326.6	2517.5	2874.7	3098.4	2996.5	2670.2	2463.4
17.5°	2170.5	2161.8	2169.1	2186.9	2243.0	2388.5	2728.7	3133.7	3113.9	2754.3	2498.2
20°	2217.9	2210.6	2211.6	2210.6	2249.8	2365.3	2627.2	3120.2	3216.4	2831.7	2532.0
22.5°	2332.4	2320.3	2320.8	2295.2	2316.5	2405.9	2600.6	3083.9	3307.7	2899.3	2557.6
25°	2519.0	2497.2	2501.6	2436.3	2430.5	2496.7	2642.2	3055.9	3398.6	2953.4	2562.5
27.5°	2774.1	2749.5	2736.4	2639.3	2592.9	2625.8	2726.8	3065.6	3484.6	3000.3	2550.4
30°	3093.1	3063.2	3036.6	2898.8	2814.7	2802.7	2858.2	3129.4	3586.1	3049.6	2529.6
32.5°	3484.1	3449.3	3401.0	3218.3	3099.9	3036.6	3028.4	3242.9	3705.0	3112.5	2519.0
35°	3949.5	3904.1	3835.5	3599.1	3449.3	3319.8	3252.6	3406.8	3867.9	3207.2	2531.0
37.5°	4429.0	4377.7	4314.9	4033.6	3849.5	3658.6	3526.2	3629.1	4084.9	3335.7	2562.9
40°	4871.2	4813.7	4755.2	4504.8	4307.2	4077.1	3861.1	3910.4	4350.2	3489.4	2617.1
42.5°	5132.2	5089.6	5067.4	4932.1	4779.4	4545.9	4277.7	4243.9	4648.4	3666.3	2678.9
45°	5120.6	5103.2	5171.8	5227.9	5191.6	5062.1	4765.8	4612.6	4947.5	3819.5	2736.0
47.5°	4847.0	4858.6	5011.8	5326.9	5465.6	5533.3	5321.6	4974.6	5207.6	3934.1	2761.6
50°	4102.7	4112.4	4467.1	5146.7	5536.2	5917.5	5873.1	5327.9	5409.1	4004.1	2755.8
52.5°	3513.6	3519.9	3672.1	4612.1	5303.3	6110.8	6369.9	5660.9	5556.5	4023.5	2723.4
55°	2646.6	2668.3	2838.9	3618.5	4697.2	5957.6	6672.4	6004.0	5649.8	4025.4	2689.6
57.5°	1546.1	1569.8	1780.5	2456.1	3650.8	5423.6	6718.4	6308.5	5713.1	4009.9	2669.3
60°	757.3	767.5	859.3	1290.9	2251.2	4394.6	6349.1	6455.9	5748.4	4001.7	2668.3
62.5°	510.4	508.9	512.8	637.0	1109.2	2823.4	5579.7	6197.8	5729.5	3970.3	2658.6
65°	438.8	433.5	419.0	447.1	574.6	1291.4	4311.0	5427.5	5586.0	3891.5	2592.4
67.5°	379.4	379.9	380.4	371.7	410.3	595.9	2634.5	4275.3	5070.8	3518.4	2337.2
70°	314.1	318.5	320.4	320.4	334.4	391.0	1124.6	2930.2	3999.8	2758.7	1882.5
72.5°	286.1	276.9	277.9	273.1	273.1	297.7	452.9	1661.1	2519.9	1551.9	1148.8
75°	233.4	239.2	240.2	236.8	225.7	227.2	268.7	696.9	1078.2	643.8	567.9
77.5°	201.5	201.5	203.5	201.1	192.4	170.1	179.3	270.2	366.8	263.9	283.7
80°	161.9	161.4	169.6	174.5	160.9	125.7	114.5	149.3	162.9	116.0	147.4
82.5°	78.8	83.6	116.5	132.9	122.3	90.9	70.1	92.8	87.0	51.2	66.2
85°	45.9	43.5	52.2	73.9	70.1	50.3	33.8	48.3	45.4	26.1	26.6
87.5°	14.5	13.5	10.6	25.1	20.3	14.0	9.2	14.0	12.6	5.8	5.8
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: P1198906
CATALOG NUMBER: GPC-SB1D-830-U-AFL

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6	2342.6
2.5°	2316.0	2258.9	2202.4	2150.7	2119.3	2099.0	2078.7	2056.0	2047.3	2034.2
5°	2292.8	2182.6	2084.5	1999.9	1923.1	1862.6	1801.7	1752.4	1730.2	1745.2
7.5°	2279.2	2119.8	1968.5	1813.3	1664.0	1544.6	1440.7	1367.7	1334.9	1343.1
10°	2267.2	2048.7	1818.2	1573.1	1358.6	1210.7	1104.3	1048.8	1028.0	1032.3
12.5°	2256.0	1969.0	1636.9	1314.6	1086.5	988.8	958.4	958.9	962.7	965.6
15°	2254.1	1872.8	1434.4	1088.4	939.5	933.3	966.1	986.9	998.0	1001.4
17.5°	2251.2	1757.8	1228.1	934.2	903.8	946.3	976.7	990.3	999.0	999.5
20°	2239.6	1611.8	1037.6	860.8	896.0	932.8	951.6	962.3	969.5	971.9
22.5°	2203.8	1449.4	889.3	827.9	865.1	894.6	916.8	928.9	933.3	936.2
25°	2139.6	1267.7	786.8	796.5	822.1	859.3	877.2	879.6	878.2	882.5
27.5°	2055.5	1072.9	723.0	753.9	786.8	818.7	828.4	826.9	824.0	828.9
30°	1954.0	898.0	682.4	706.1	751.0	780.0	788.7	785.4	779.6	784.9
32.5°	1846.7	754.9	649.1	672.8	721.6	750.1	758.8	755.4	751.0	755.4
35°	1746.6	654.9	618.1	650.5	698.4	726.4	737.5	738.0	738.0	743.3
37.5°	1654.8	596.4	592.5	636.5	682.4	707.6	723.5	724.5	703.7	705.1
40°	1569.8	571.7	580.9	627.3	667.0	691.1	692.1	638.0	599.8	598.8
42.5°	1500.2	566.9	584.3	626.4	655.8	656.8	588.7	546.6	536.0	536.5
45°	1434.9	565.5	592.0	626.4	639.4	567.4	521.5	510.4	511.3	515.2
47.5°	1361.9	559.7	593.5	617.7	592.0	504.6	491.0	486.2	484.3	485.2
50°	1282.2	538.9	575.1	600.3	510.8	477.5	460.6	459.1	461.6	463.0
52.5°	1198.1	505.0	543.7	568.8	473.6	453.8	435.0	438.4	449.0	452.4
55°	1143.0	465.4	502.1	506.0	447.5	431.6	415.6	423.4	443.2	449.5
57.5°	*1128.5*	*423.4*	*454.8*	*450.4*	*414.2*	*412.3*	*402.6*	*409.4*	*434.5*	*443.7*
60°	1124.2	385.7	408.4	405.0	381.8	391.0	388.6	392.0	400.7	403.6
62.5°	1090.3	355.7	366.8	362.0	352.8	368.8	374.6	367.3	374.1	377.5
65°	1004.3	331.5	326.2	322.8	326.7	341.2	352.8	338.3	344.6	354.3
67.5°	862.2	298.7	284.2	288.0	300.1	307.9	322.8	306.4	311.7	328.2
70°	697.4	257.1	244.1	255.2	266.8	282.7	285.1	274.0	286.6	305.0
72.5°	493.4	215.1	205.9	228.6	232.5	253.2	247.9	242.6	260.0	266.3
75°	342.2	173.5	168.2	185.6	199.6	217.5	213.6	219.9	256.6	259.5
77.5°	216.5	134.8	131.5	142.6	161.9	181.7	188.0	259.5	438.4	455.8
80°	125.7	100.5	96.7	105.4	122.3	140.6	181.2	318.5	289.0	285.6
82.5°	70.1	69.1	64.3	66.7	81.7	101.5	256.1	224.3	182.2	188.0
85°	32.9	40.6	34.8	33.3	45.9	118.9	171.1	128.1	85.1	83.1
87.5°	8.7	7.7	7.7	8.7	19.3	102.5	68.1	54.6	32.4	31.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

0

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

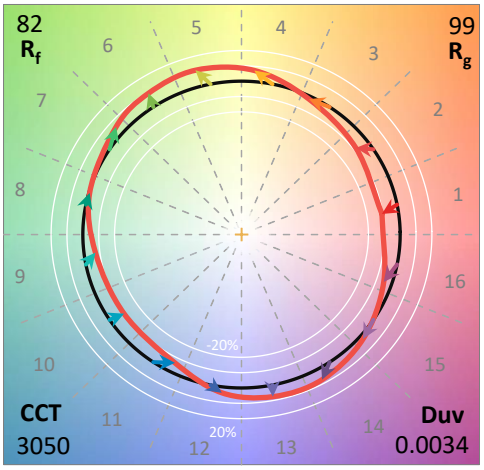
Test Information

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

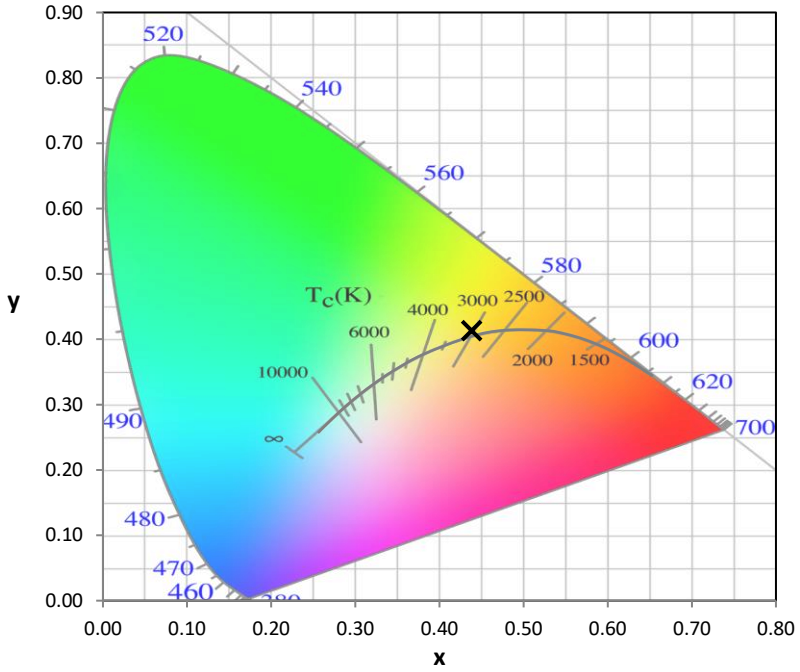
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

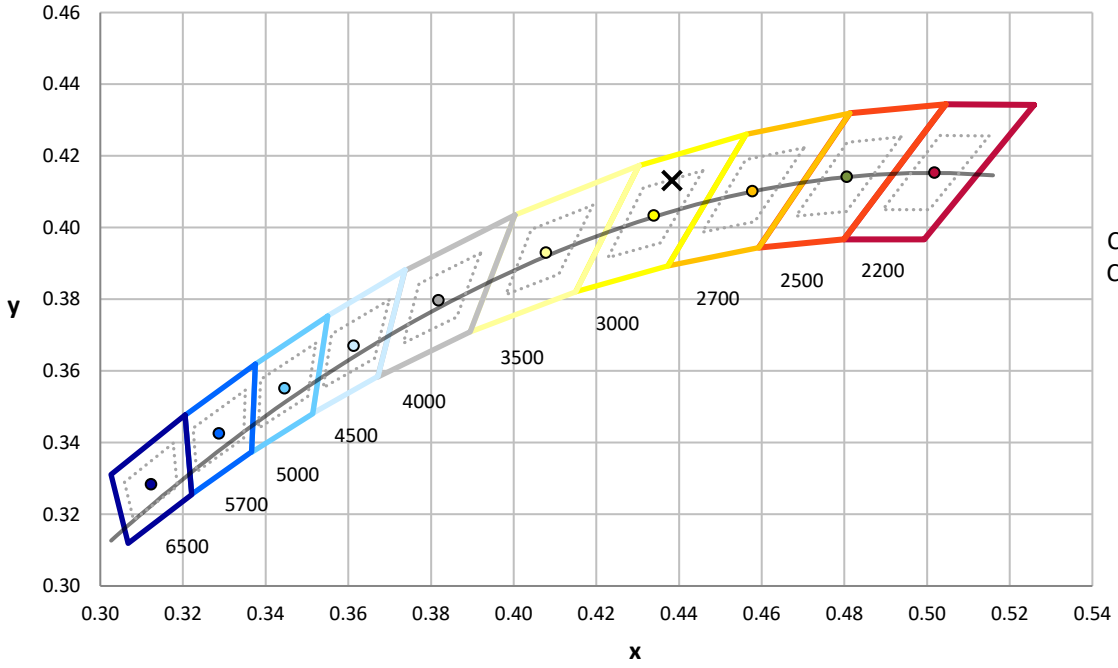
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

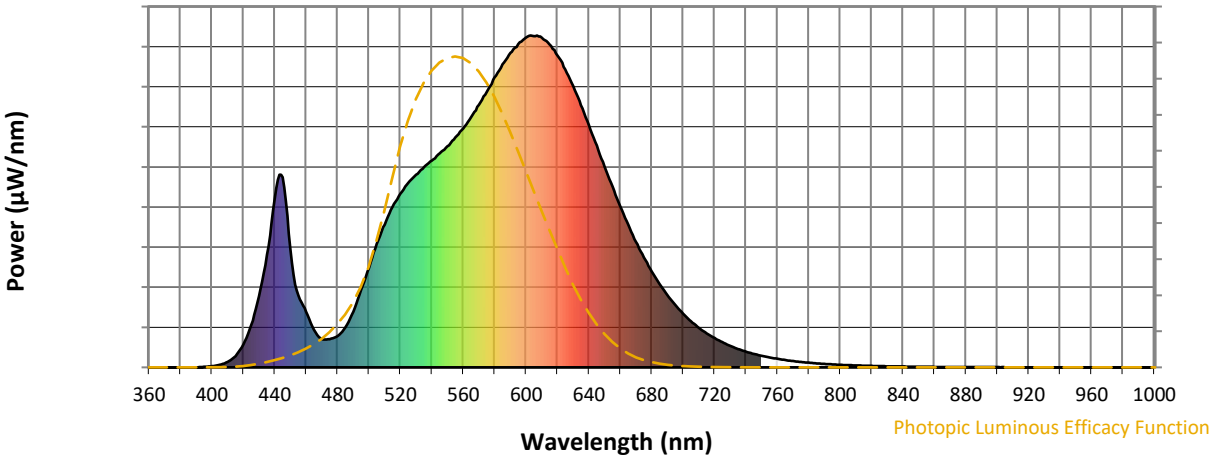


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

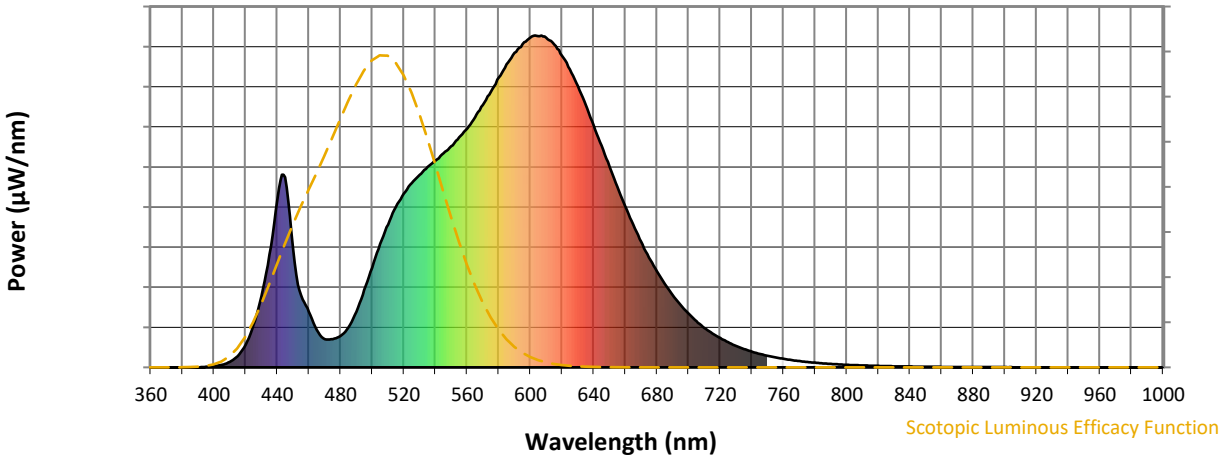


Photopic Lumens: NR

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

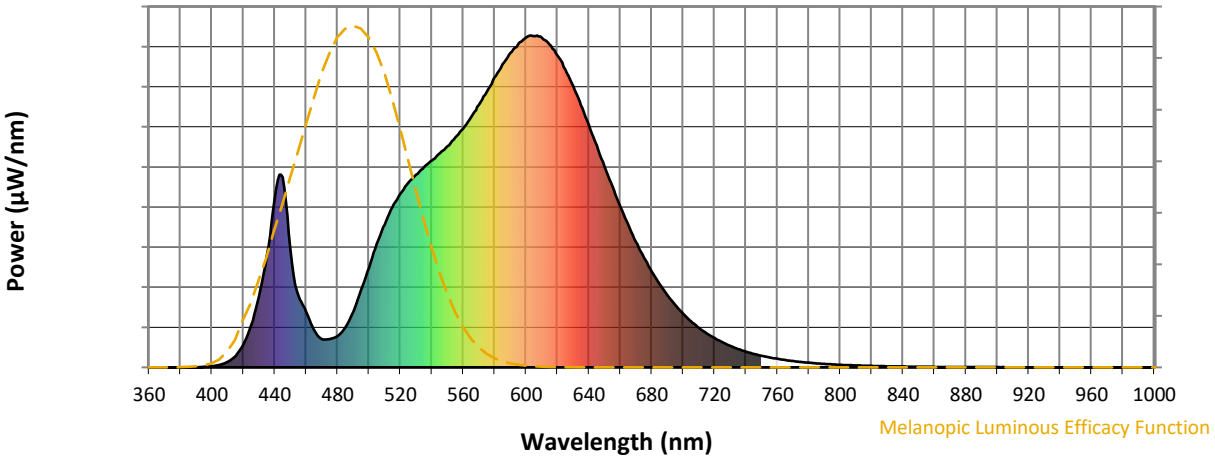


Scotopic Lumens: NR **S/P: 1.27**

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			

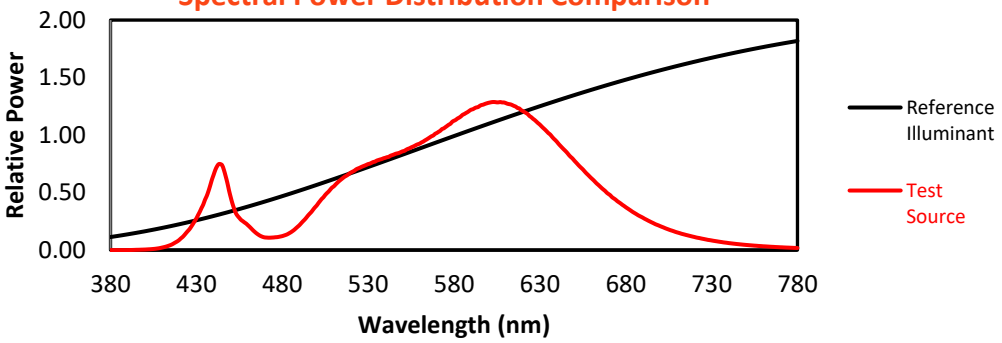
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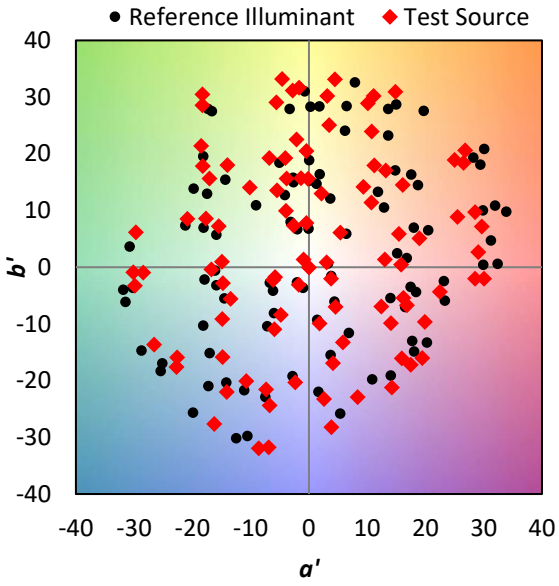
Summary

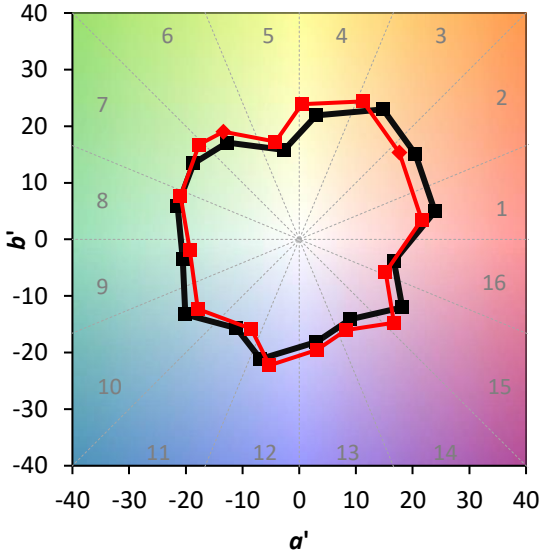
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

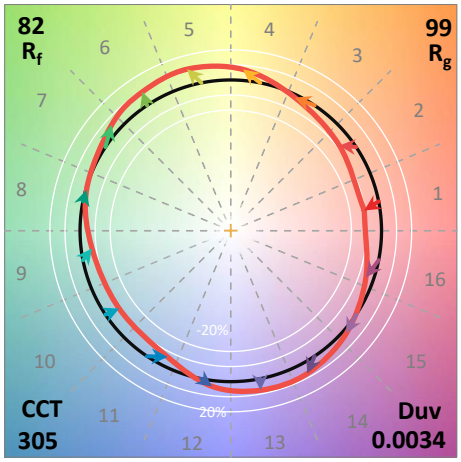
Spectral Power Distribution Comparison

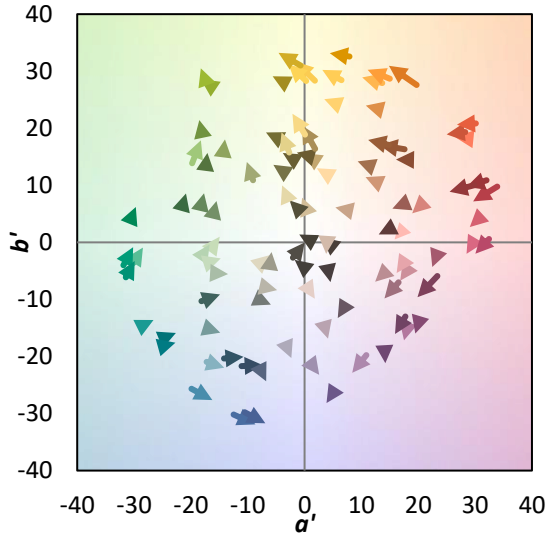


Color Vector Graphics







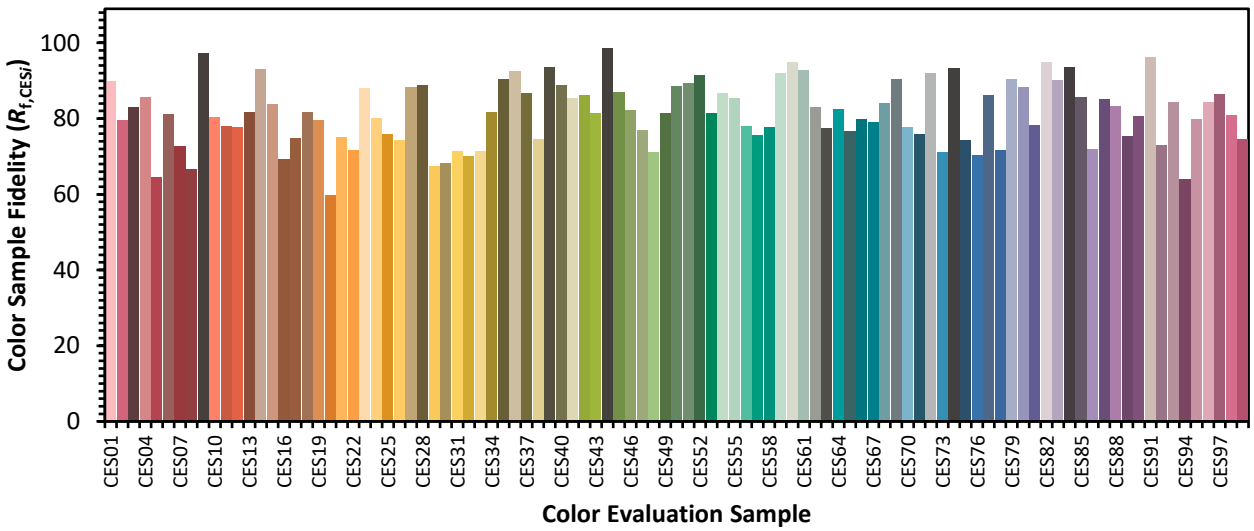


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Individual Sample Fidelity Index ($R_{f,i}$)

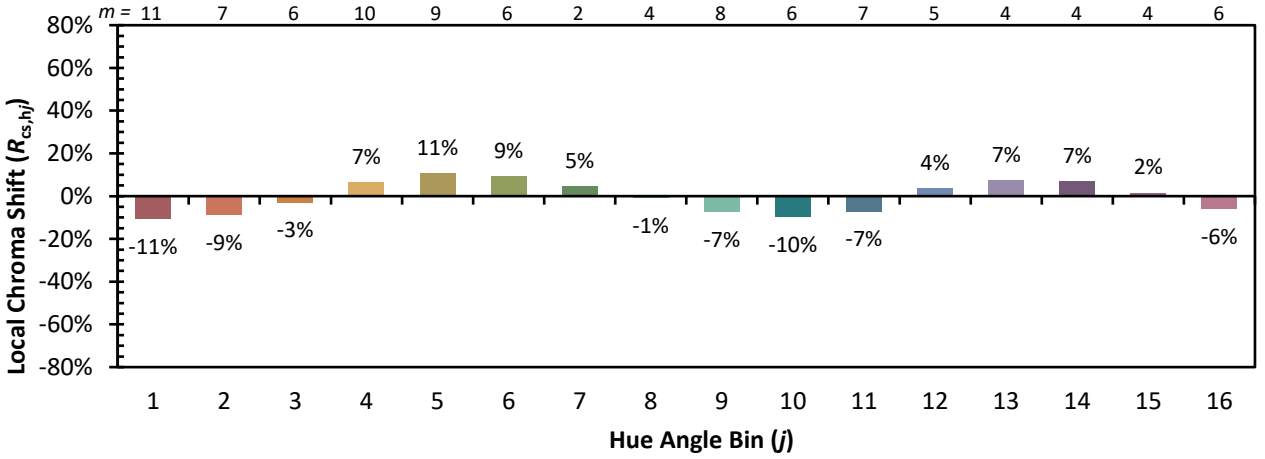
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

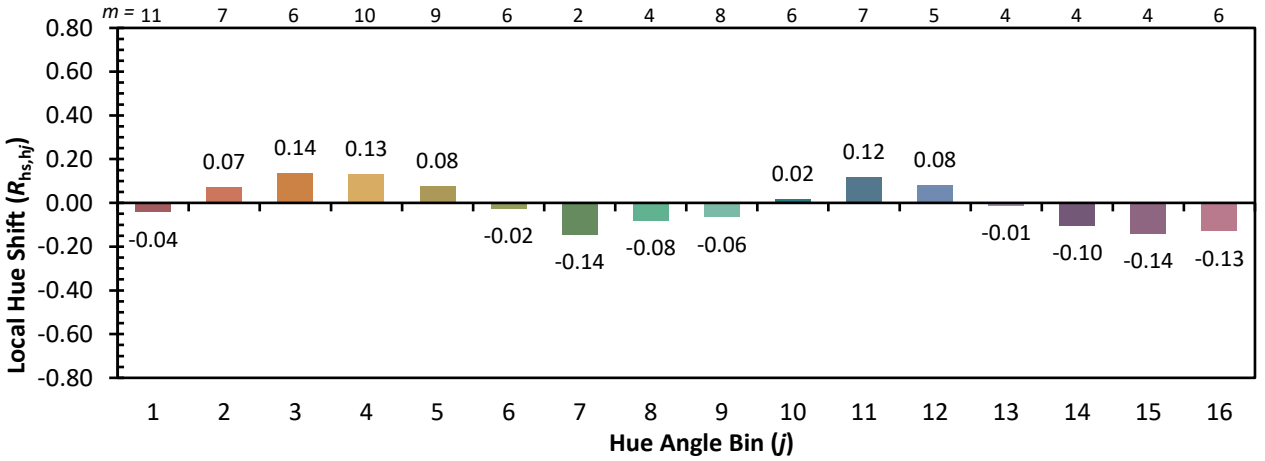


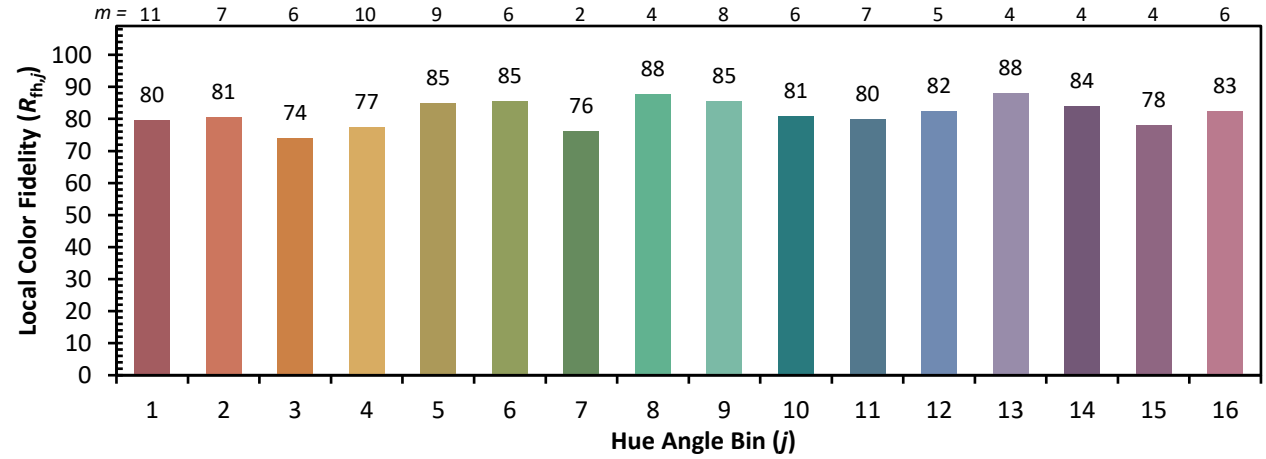
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Color Rendition by Hue-Angle Bin



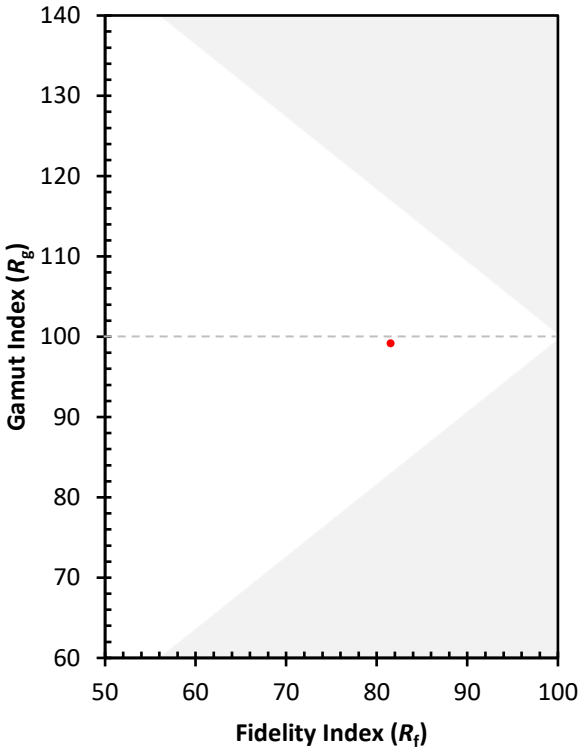


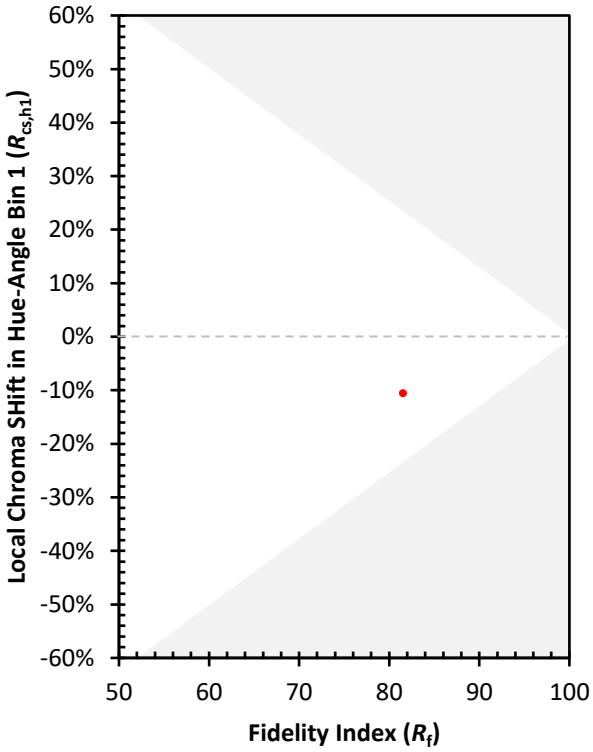


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Measure Comparisons





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