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

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Peachtree City, GA 30269

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: P1199382

Luminaire Tested: GPC-SB2A-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:	P1199382
	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-SB2A-830-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8196 lumens
Efficiency:	N/A
Efficacy:	143.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

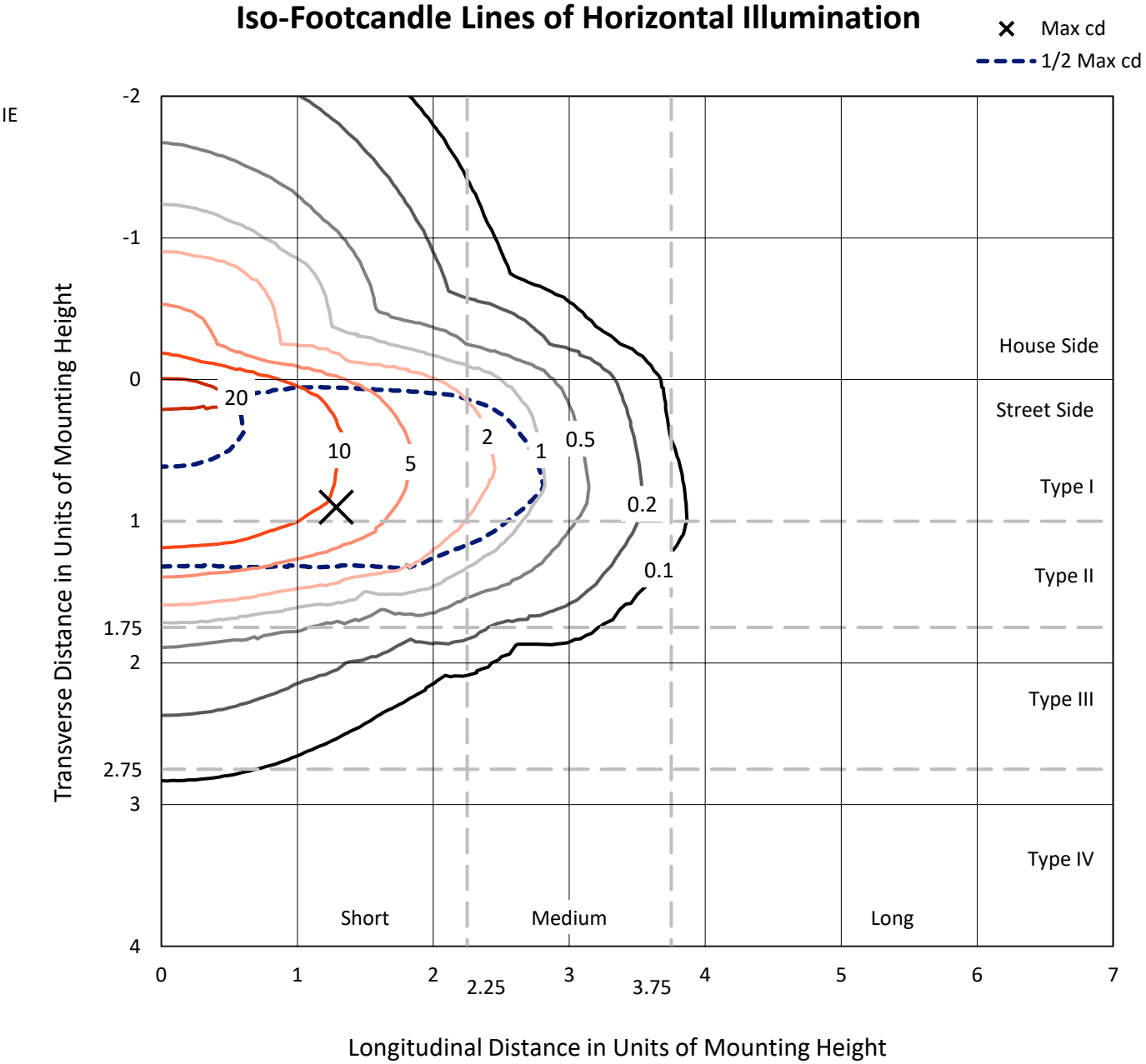


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REPORT NUMBER: P1199382
CATALOG NUMBER: GPC-SB2A-830-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



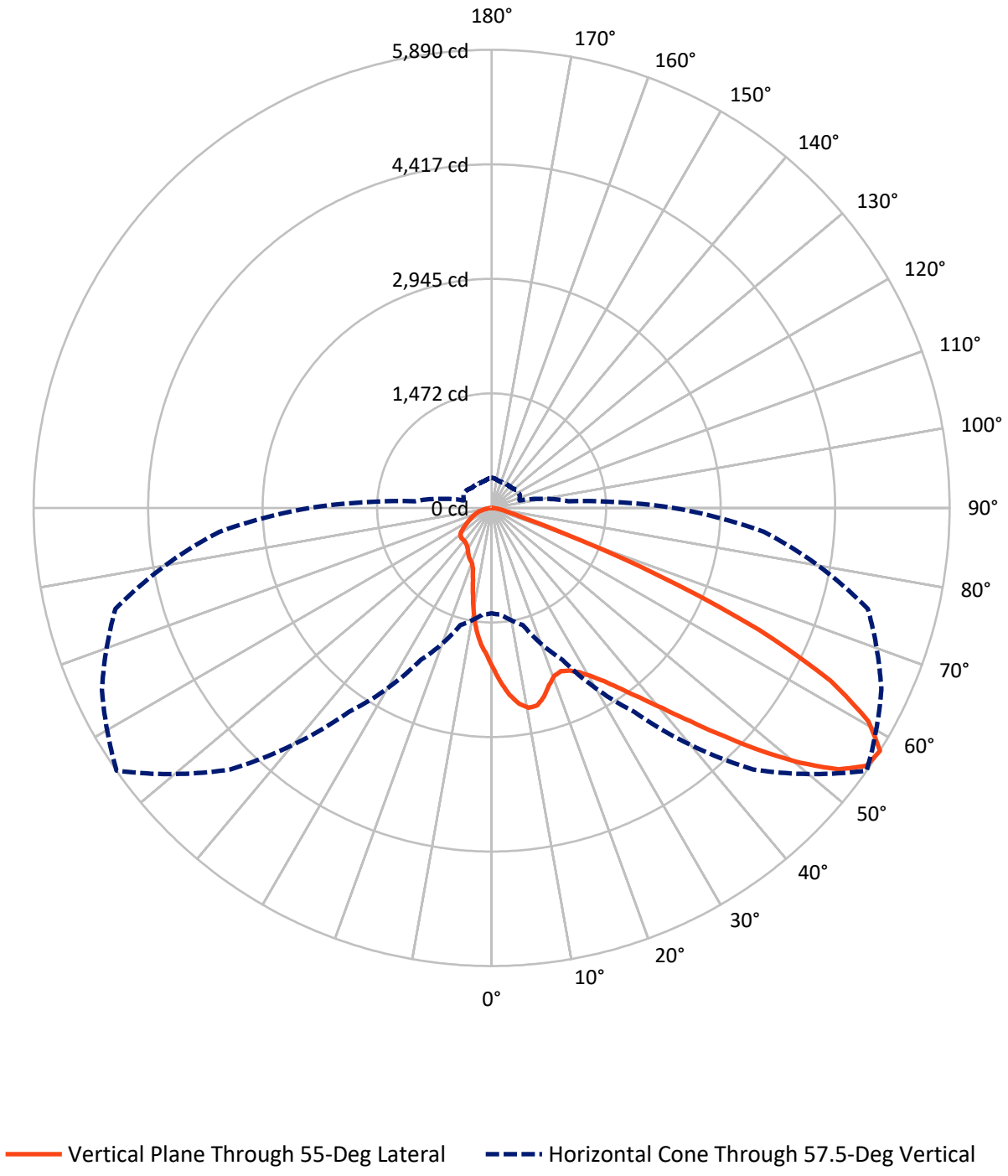
Based on 10 foot mounting height. Maximum calculated value = 24.8 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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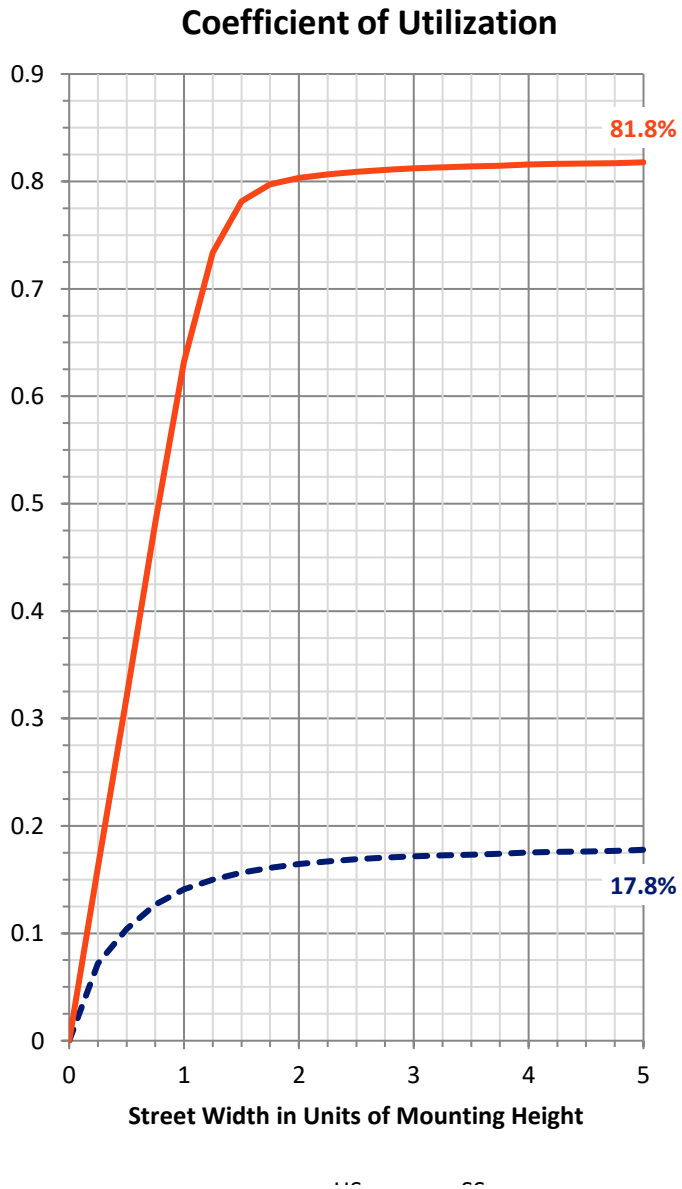
REPORT NUMBER: P1199382
CATALOG NUMBER: GPC-SB2A-830-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1483.0	0.0	1483.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6713.0	0.0	6713.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	8196.0	0.0	8196.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.6	2.3
10°-20°	481.0	5.9
20°-30°	767.5	9.4
30°-40°	1215.2	14.8
40°-50°	1860.0	22.7
50°-60°	1992.2	24.3
60°-70°	1253.3	15.3
70°-80°	370.6	4.5
80°-90°	65.5	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°	8196.0	100.0
0°-180°	8196.0	100.0



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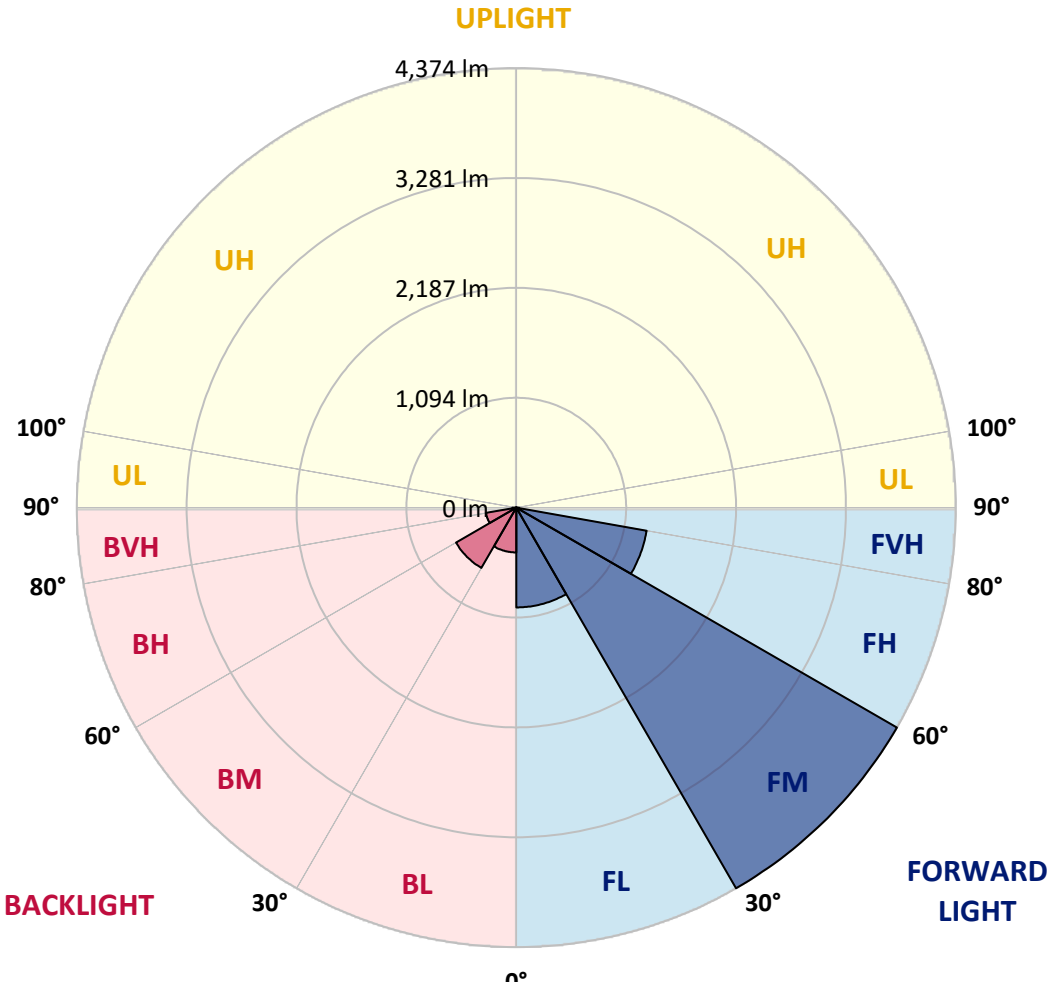
Scaled Data Report

REPORT NUMBER: P1199382
CATALOG NUMBER: GPC-SB2A-830-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	993.4	12.1			
FM	(30°-60°)	4374.3	53.4			
FH	(60°-80°)	1317.7	16.1			G1/1800
FVH	(80°-90°)	27.7	0.3			G1/100
BL	(0°-30°)	445.7	5.4	B1/500		
BM	(30°-60°)	693.2	8.5	B1/1000		
BH	(60°-80°)	306.3	3.7	B1/500		G1/500
BVH	(80°-90°)	37.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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Scaled Data Report

REPORT NUMBER: P1199382
CATALOG NUMBER: GPC-SB2A-830-U-AFL

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7
2.5°	2356.2	2354.5	2363.8	2332.0	2310.4	2281.2	2242.6	2193.5	2140.5	2084.6	2060.4
5°	2568.4	2553.6	2563.4	2539.6	2515.9	2471.8	2414.6	2334.6	2236.7	2125.3	2065.9
7.5°	2535.0	2524.8	2549.8	2571.0	2588.8	2583.3	2541.3	2457.4	2331.2	2169.3	2083.3
10°	2265.1	2253.6	2288.8	2362.1	2469.7	2563.4	2614.2	2562.1	2427.8	2217.6	2100.3
12.5°	2027.0	2021.5	2044.8	2104.1	2223.6	2403.2	2604.9	2653.6	2528.2	2274.8	2123.1
15°	1925.3	1918.5	1933.3	1963.4	2039.7	2207.0	2520.1	2716.3	2626.9	2340.9	2159.6
17.5°	1902.8	1895.2	1901.5	1917.2	1966.4	2093.9	2392.2	2747.2	2729.9	2414.6	2190.1
20°	1944.3	1938.0	1938.8	1938.0	1972.3	2073.6	2303.2	2735.4	2819.7	2482.4	2219.7
22.5°	2044.8	2034.2	2034.6	2012.1	2030.8	2109.2	2279.9	2703.6	2899.8	2541.7	2242.2
25°	2208.3	2189.2	2193.0	2135.8	2130.8	2188.8	2316.3	2679.0	2979.4	2589.2	2246.4
27.5°	2432.0	2410.4	2399.0	2313.8	2273.1	2301.9	2390.5	2687.5	3054.8	2630.3	2235.8
30°	2711.7	2685.4	2662.1	2541.3	2467.6	2457.0	2505.7	2743.4	3143.8	2673.5	2217.6
32.5°	3054.4	3023.9	2981.5	2821.4	2717.6	2662.1	2654.9	2843.0	3248.0	2728.6	2208.3
35°	3462.4	3422.6	3362.4	3155.3	3023.9	2910.4	2851.5	2986.6	3390.8	2811.6	2218.9
37.5°	3882.7	3837.8	3782.8	3536.2	3374.7	3207.4	3091.3	3181.5	3581.1	2924.3	2246.9
40°	4270.4	4220.0	4168.7	3949.3	3776.0	3574.3	3384.9	3428.1	3813.7	3059.1	2294.3
42.5°	4499.2	4461.9	4442.4	4323.8	4189.9	3985.3	3750.1	3720.5	4075.1	3214.2	2348.5
45°	4489.1	4473.8	4534.0	4583.1	4551.3	4437.8	4178.1	4043.7	4337.4	3348.5	2398.5
47.5°	4249.2	4259.4	4393.7	4670.0	4791.6	4850.9	4665.3	4361.1	4565.3	3448.9	2421.0
50°	3596.8	3605.2	3916.2	4511.9	4853.4	5187.7	5148.7	4670.8	4742.0	3510.3	2415.9
52.5°	3080.3	3085.8	3219.2	4043.3	4649.2	5357.2	5584.3	4962.7	4871.2	3527.3	2387.5
55°	2320.2	2339.2	2488.8	3172.2	4117.9	5222.9	5849.5	5263.6	4953.0	3529.0	2357.9
57.5°	1355.4	1376.2	1560.9	2153.2	3200.6	4754.7	5889.8	5530.5	5008.5	3515.4	2340.1
60°	663.9	672.8	753.3	1131.7	1973.6	3852.7	5566.1	5659.7	5039.4	3508.2	2339.2
62.5°	447.4	446.2	449.5	558.4	972.4	2475.2	4891.6	5433.5	5022.9	3480.7	2330.7
65°	384.7	380.1	367.3	391.9	503.8	1132.1	3779.4	4758.1	4897.1	3411.6	2272.7
67.5°	332.6	333.0	333.4	325.8	359.7	522.4	2309.6	3748.0	4445.4	3084.5	2049.0
70°	275.4	279.2	280.9	280.9	293.2	342.8	985.9	2568.9	3506.5	2418.5	1650.3
72.5°	250.8	242.8	243.6	239.4	239.4	261.0	397.0	1456.2	2209.1	1360.5	1007.1
75°	204.6	209.7	210.6	207.6	197.9	199.1	235.6	611.0	945.3	564.4	497.8
77.5°	176.7	176.7	178.4	176.3	168.6	149.1	157.2	236.8	321.6	231.3	248.7
80°	141.9	141.5	148.7	153.0	141.1	110.2	100.4	130.9	142.8	101.7	129.2
82.5°	69.1	73.3	102.1	116.5	107.2	79.7	61.4	81.3	76.3	44.9	58.0
85°	40.3	38.1	45.8	64.8	61.4	44.1	29.7	42.4	39.8	22.9	23.3
87.5°	12.7	11.9	9.3	22.0	17.8	12.3	8.1	12.3	11.0	5.1	5.1
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: P1199382
CATALOG NUMBER: GPC-SB2A-830-U-AFL

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7	2053.7
2.5°	2030.3	1980.4	1930.8	1885.4	1857.9	1840.1	1822.3	1802.4	1794.8	1783.3
5°	2010.0	1913.4	1827.4	1753.3	1685.9	1632.9	1579.5	1536.3	1516.8	1530.0
7.5°	1998.1	1858.3	1725.7	1589.7	1458.8	1354.1	1263.0	1199.1	1170.2	1177.4
10°	1987.6	1796.0	1593.9	1379.1	1191.0	1061.4	968.1	919.4	901.2	905.0
12.5°	1977.8	1726.1	1435.1	1152.5	952.5	866.9	840.2	840.6	844.0	846.5
15°	1976.1	1641.8	1257.5	954.2	823.7	818.2	847.0	865.2	874.9	877.9
17.5°	1973.6	1541.0	1076.6	819.0	792.3	829.6	856.3	868.2	875.8	876.2
20°	1963.4	1413.0	909.7	754.6	785.5	817.7	834.3	843.6	849.9	852.1
22.5°	1932.1	1270.7	779.6	725.8	758.4	784.3	803.8	814.3	818.2	820.7
25°	1875.7	1111.4	689.8	698.3	720.7	753.3	769.0	771.1	769.9	773.7
27.5°	1802.0	940.6	633.8	661.0	689.8	717.7	726.2	724.9	722.4	726.6
30°	1713.0	787.2	598.3	619.0	658.4	683.8	691.5	688.5	683.4	688.1
32.5°	1618.9	661.8	569.0	589.8	632.6	657.6	665.2	662.2	658.4	662.2
35°	1531.2	574.1	541.9	570.3	612.2	636.8	646.6	647.0	647.0	651.6
37.5°	1450.7	522.8	519.5	558.0	598.3	620.3	634.3	635.1	616.9	618.2
40°	1376.2	501.2	509.3	550.0	584.7	605.9	606.7	559.3	525.8	525.0
42.5°	1315.2	497.0	512.2	549.1	575.0	575.8	516.1	479.2	469.9	470.3
45°	1258.0	495.7	519.0	549.1	560.5	497.4	457.2	447.4	448.3	451.7
47.5°	1194.0	490.6	520.3	541.5	519.0	442.3	430.5	426.2	424.5	425.4
50°	1124.1	472.4	504.2	526.2	447.8	418.6	403.8	402.5	404.6	405.9
52.5°	1050.3	442.8	476.7	498.7	415.2	397.8	381.3	384.3	393.6	396.6
55°	1002.0	408.0	440.2	443.6	392.3	378.4	364.4	371.2	388.5	394.0
57.5°	*989.3*	*371.2*	*398.7*	*394.9*	*363.1*	*361.4*	*352.9*	*358.9*	*380.9*	*389.0*
60°	985.5	338.1	358.0	355.1	334.7	342.8	340.7	343.6	351.2	353.8
62.5°	955.9	311.8	321.6	317.3	309.3	323.3	328.4	322.0	327.9	330.9
65°	880.4	290.7	286.0	283.0	286.4	299.1	309.3	296.6	302.1	310.6
67.5°	755.9	261.8	249.1	252.5	263.1	269.9	283.0	268.6	273.3	287.7
70°	611.4	225.4	214.0	223.7	233.9	247.9	250.0	240.2	251.3	267.4
72.5°	432.6	188.5	180.5	200.4	203.8	222.0	217.4	212.7	227.9	233.5
75°	300.0	152.1	147.4	162.7	175.0	190.7	187.3	192.8	225.0	227.5
77.5°	189.8	118.2	115.2	125.0	141.9	159.3	164.8	227.5	384.3	399.5
80°	110.2	88.1	84.7	92.4	107.2	123.3	158.9	279.2	253.4	250.4
82.5°	61.4	60.6	56.4	58.5	71.6	89.0	224.6	196.6	159.7	164.8
85°	28.8	35.6	30.5	29.2	40.3	104.2	150.0	112.3	74.6	72.9
87.5°	7.6	6.8	6.8	7.6	16.9	89.8	59.7	47.9	28.4	27.5
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

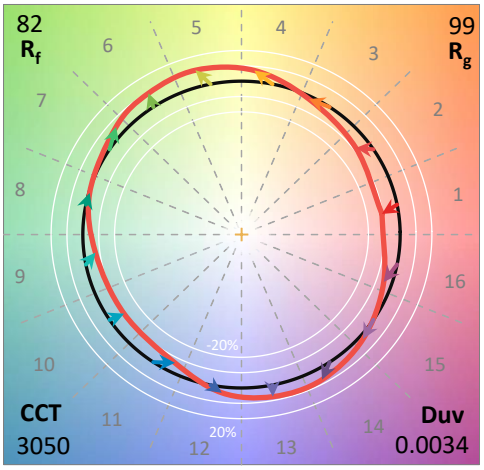
Test Information

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

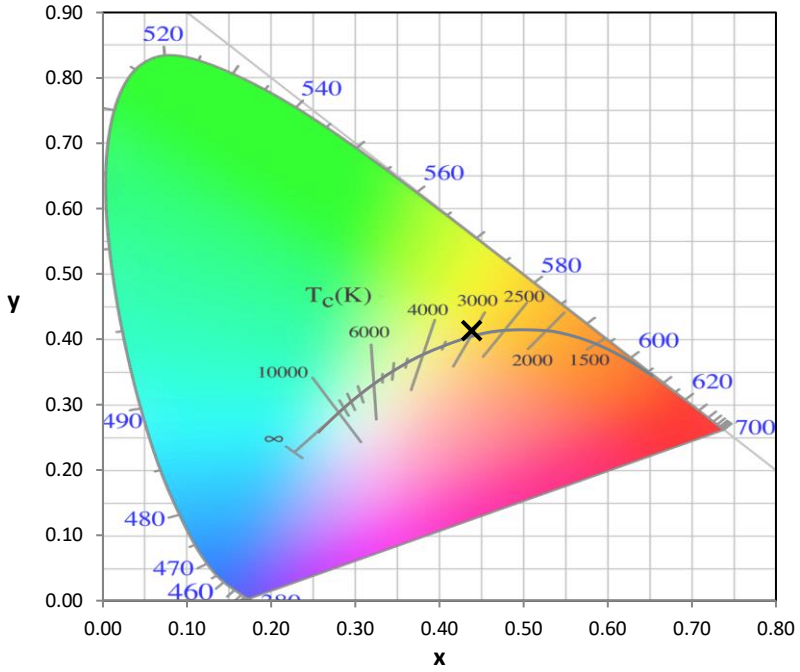
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

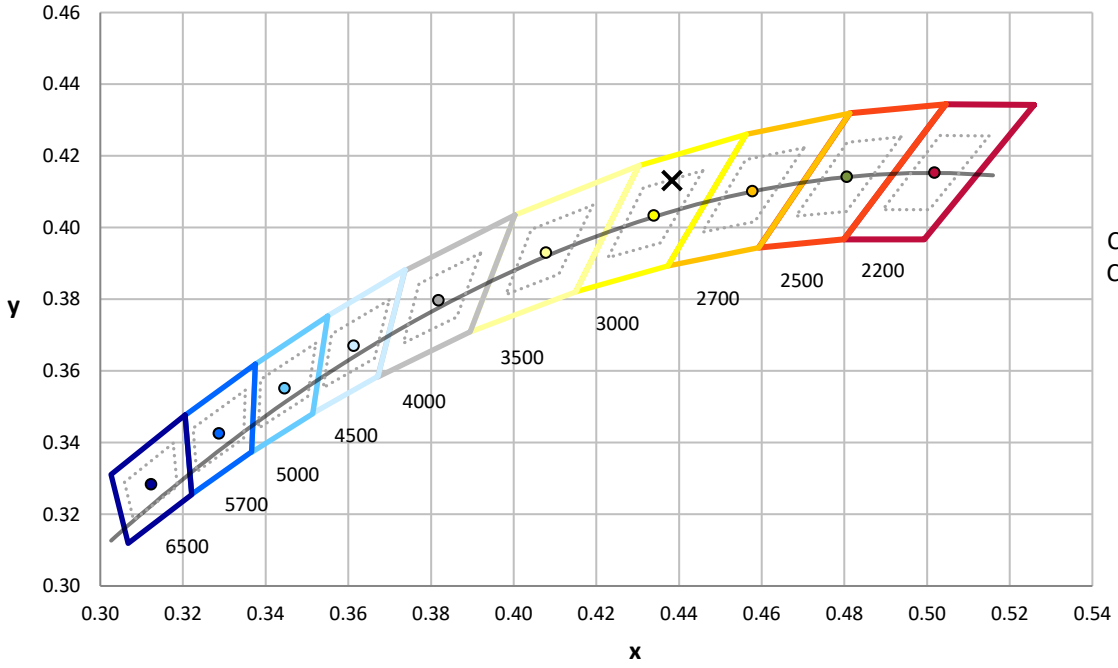
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

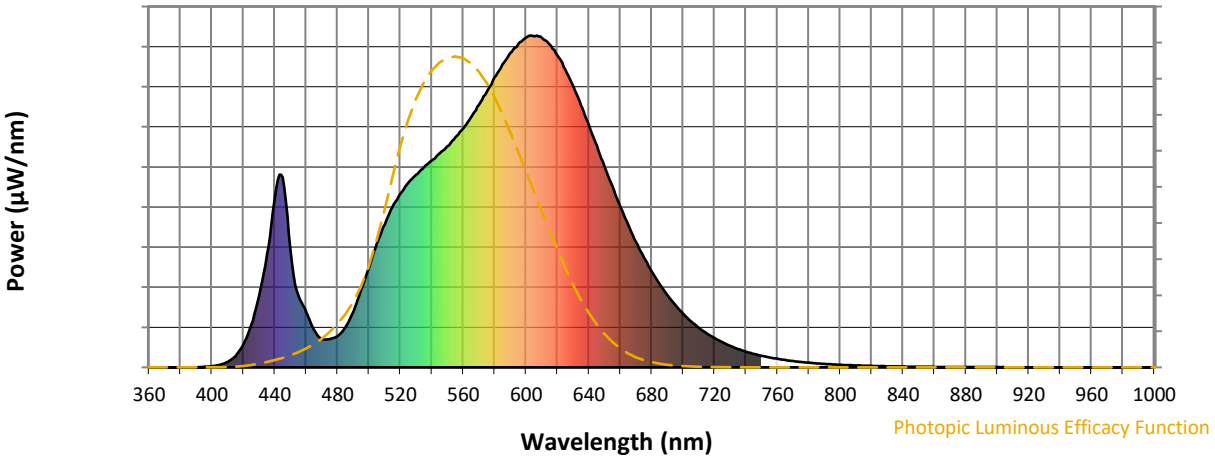


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

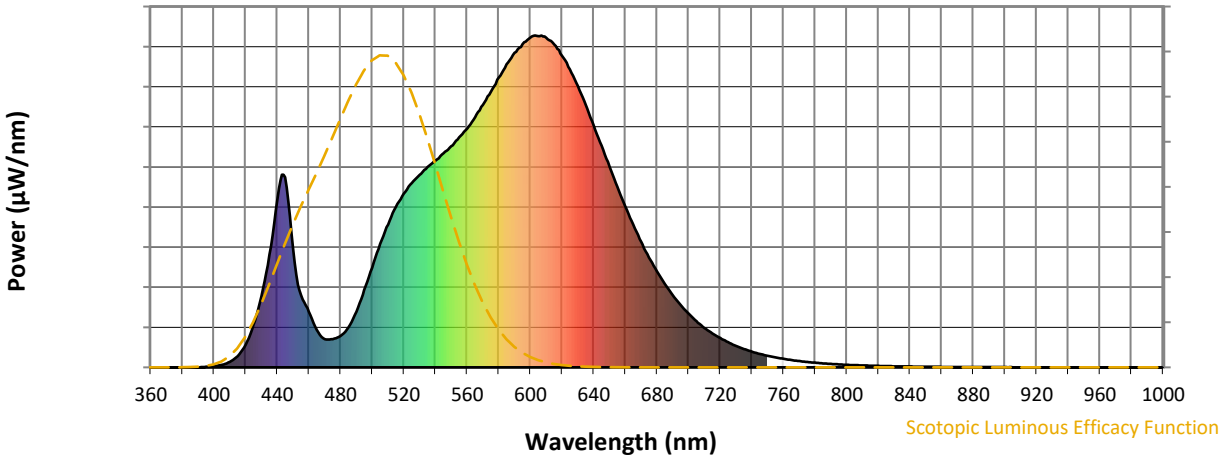


Photopic Lumens: NR

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

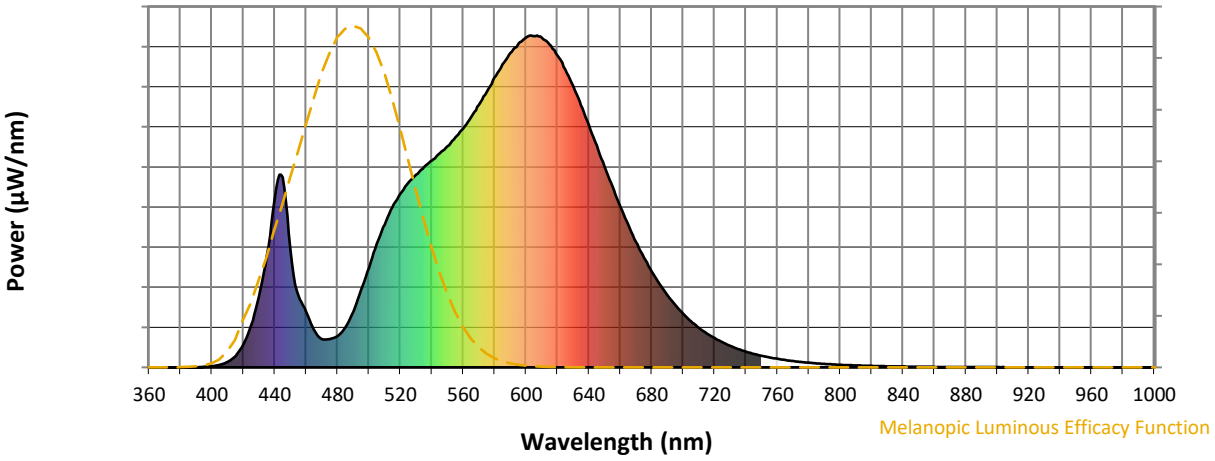


Scotopic Lumens: NR **S/P: 1.27**

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			

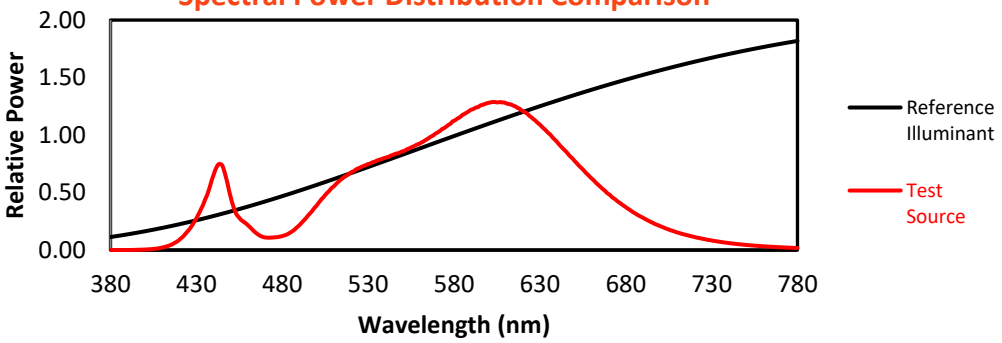
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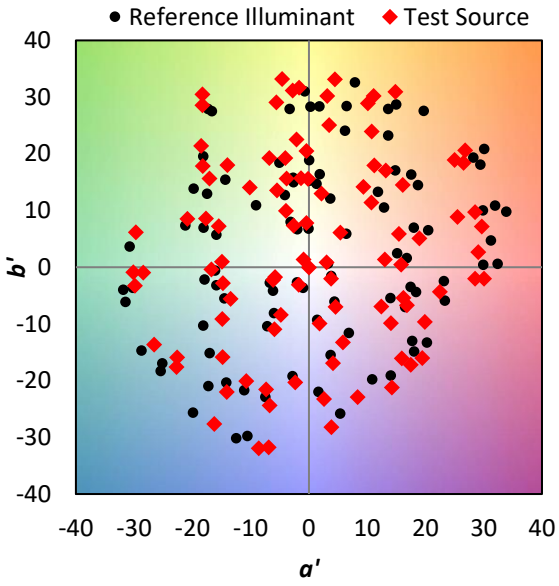
Summary

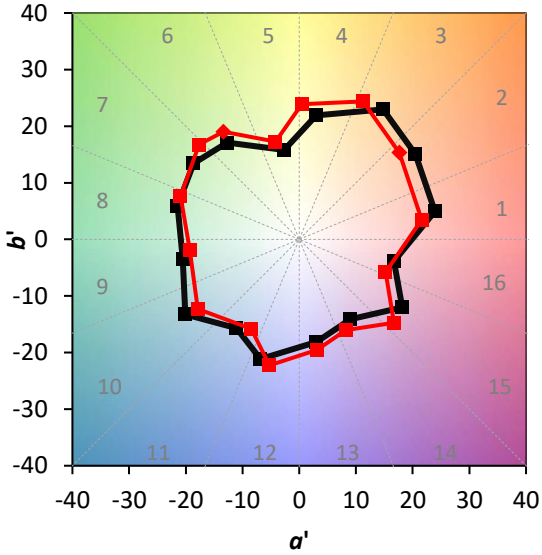
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

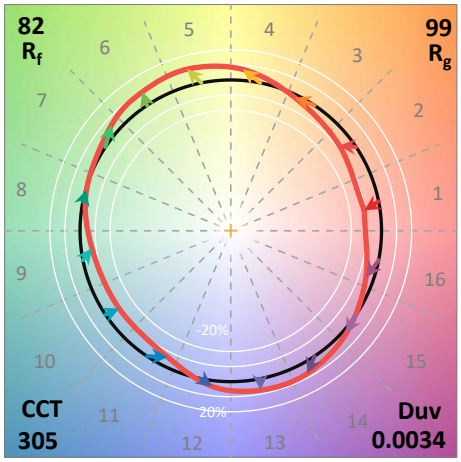
Spectral Power Distribution Comparison

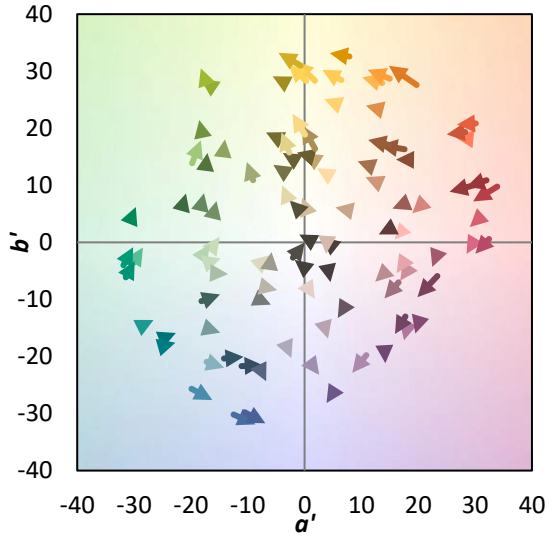


Color Vector Graphics







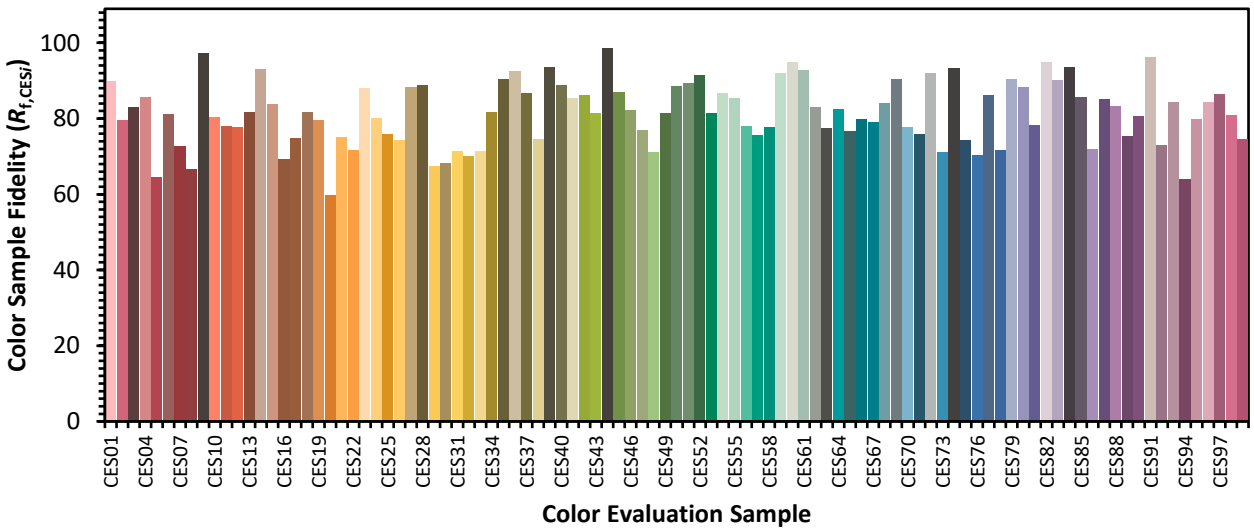


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Individual Sample Fidelity Index ($R_{f,i}$)

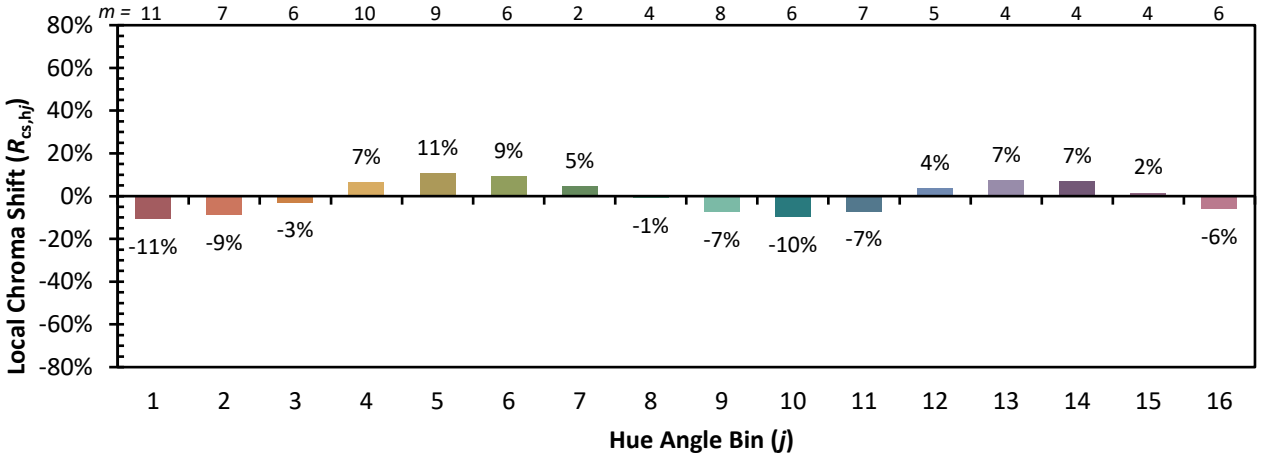
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

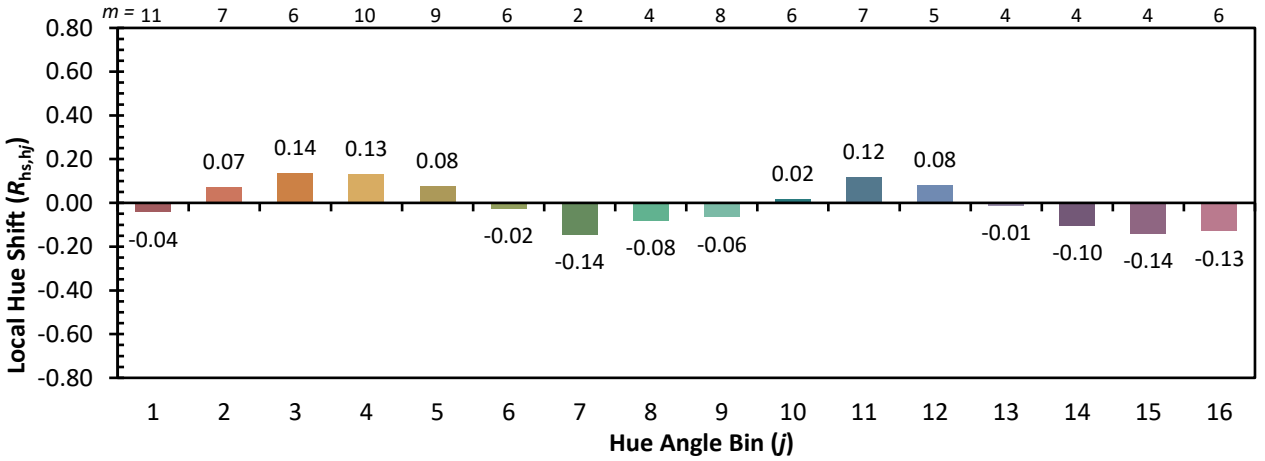


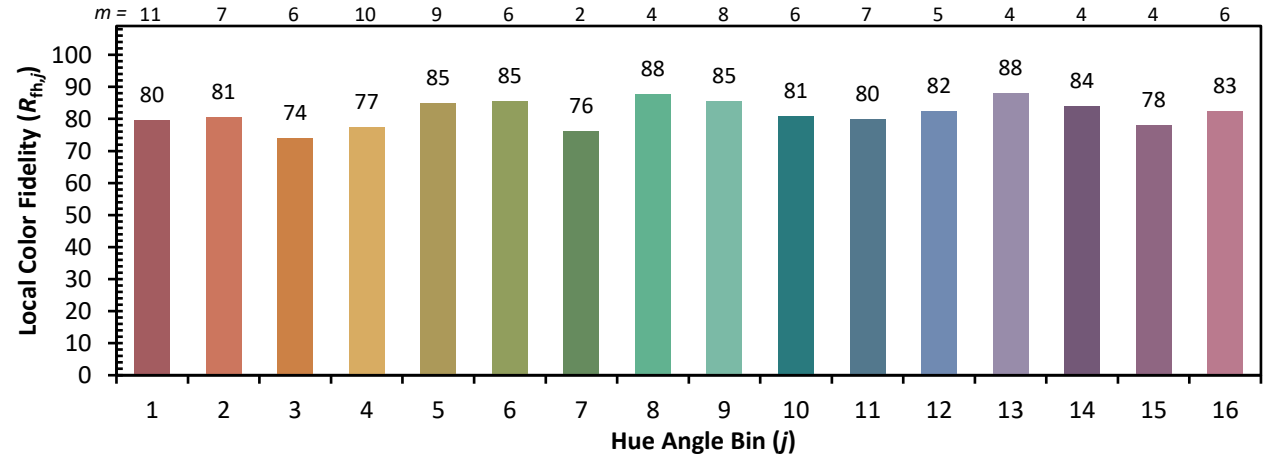
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Color Rendition by Hue-Angle Bin



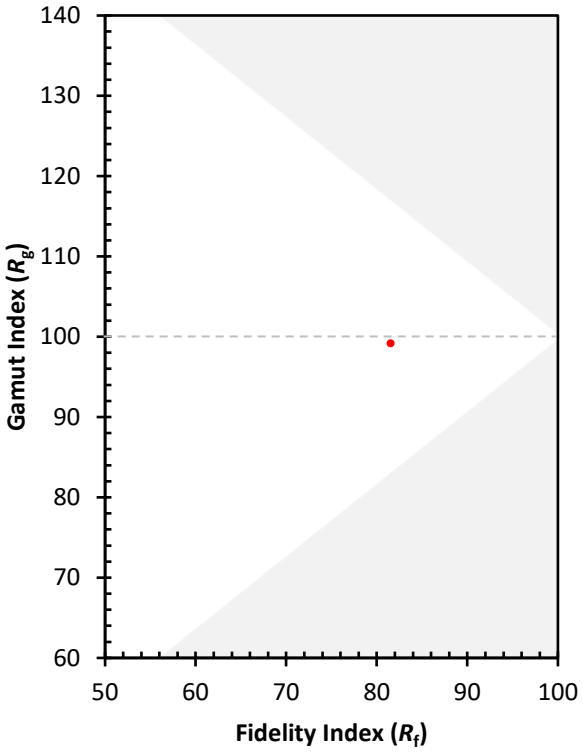


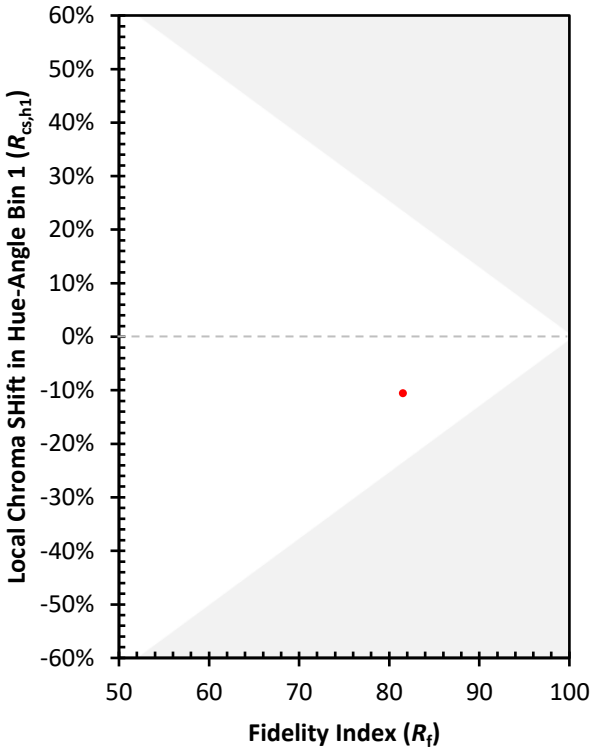


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Measure Comparisons





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