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: P1198430

Luminaire Tested: GPC-SB1C-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:	P1198430
	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-SB1C-830-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6880 lumens
Efficiency:	N/A
Efficacy:	126.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

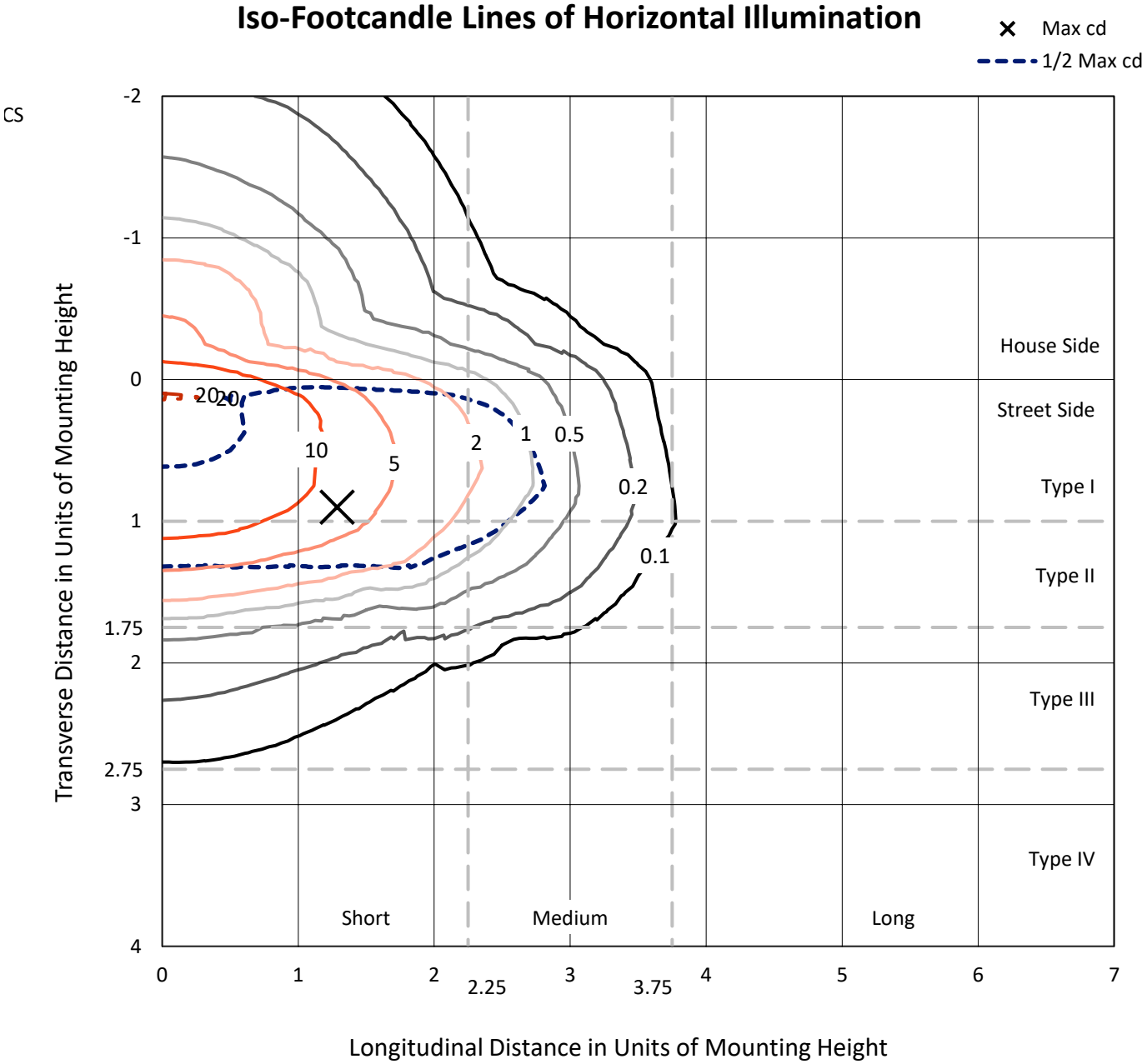


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REPORT NUMBER: P1198430
CATALOG NUMBER: GPC-SB1C-830-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



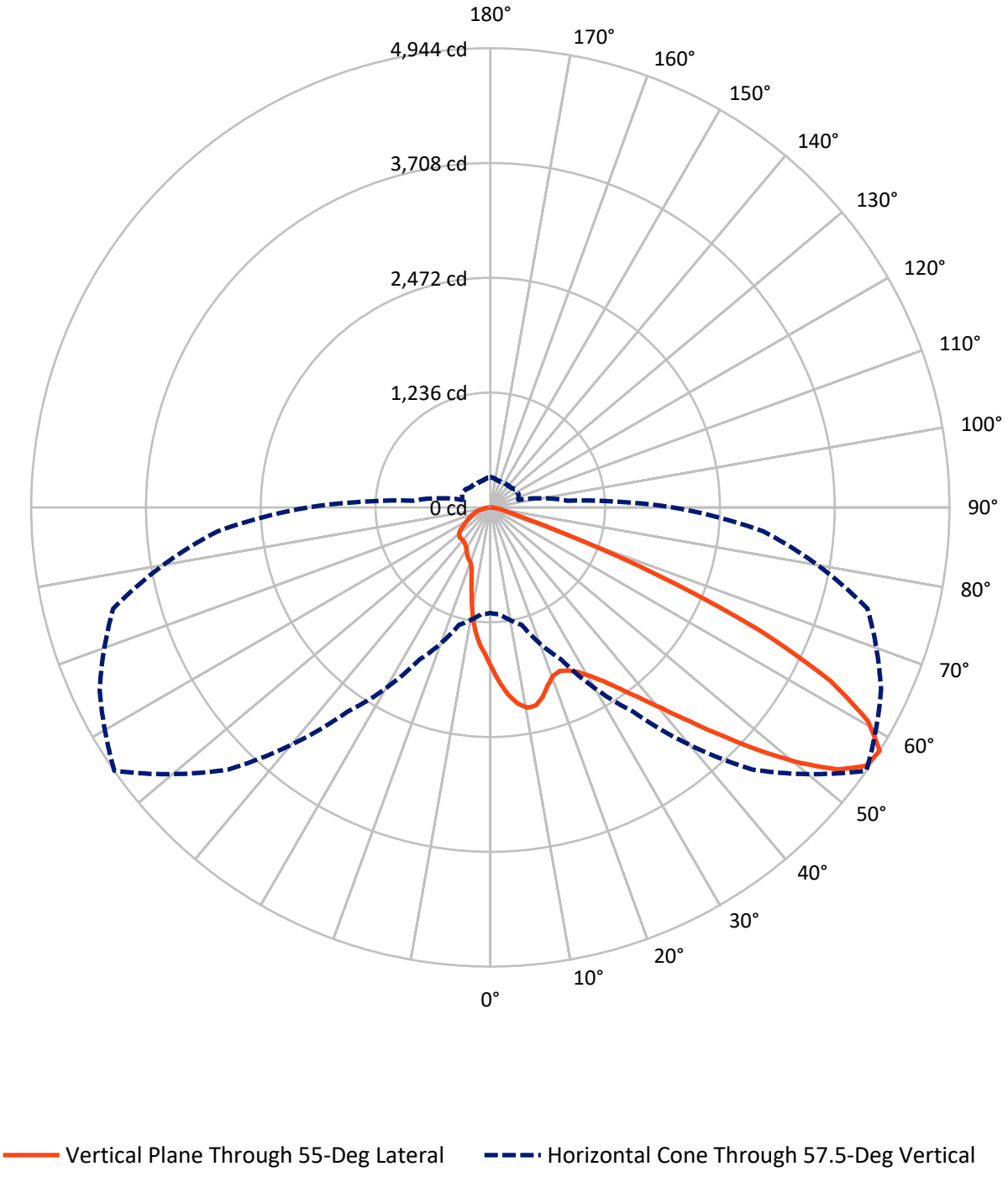
Based on 10 foot mounting height. Maximum calculated value = 20.8 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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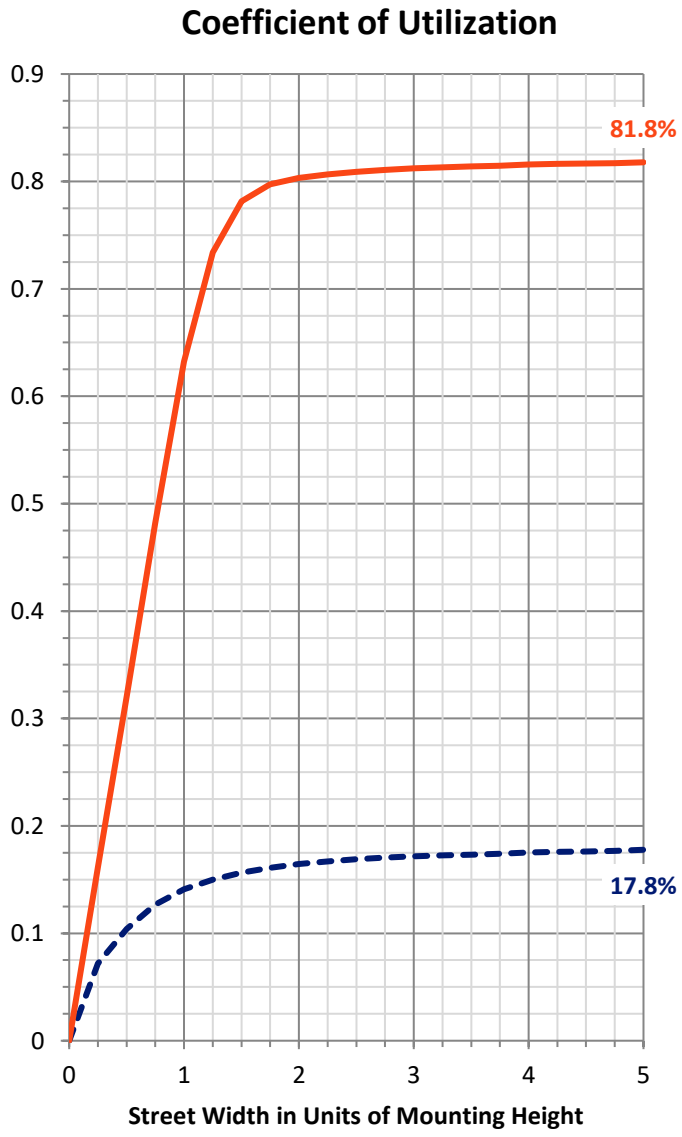
REPORT NUMBER: P1198430
CATALOG NUMBER: GPC-SB1C-830-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1244.9	0.0	1244.9
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	5635.1	0.0	5635.1
	% Fixture	81.9	0.0	81.9
Total	Lumens	6880.0	0.0	6880.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.0	2.3
10°-20°	403.8	5.9
20°-30°	644.3	9.4
30°-40°	1020.1	14.8
40°-50°	1561.3	22.7
50°-60°	1672.3	24.3
60°-70°	1052.1	15.3
70°-80°	311.1	4.5
80°-90°	55.0	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°	6880.0	100.0
0°-180°	6880.0	100.0



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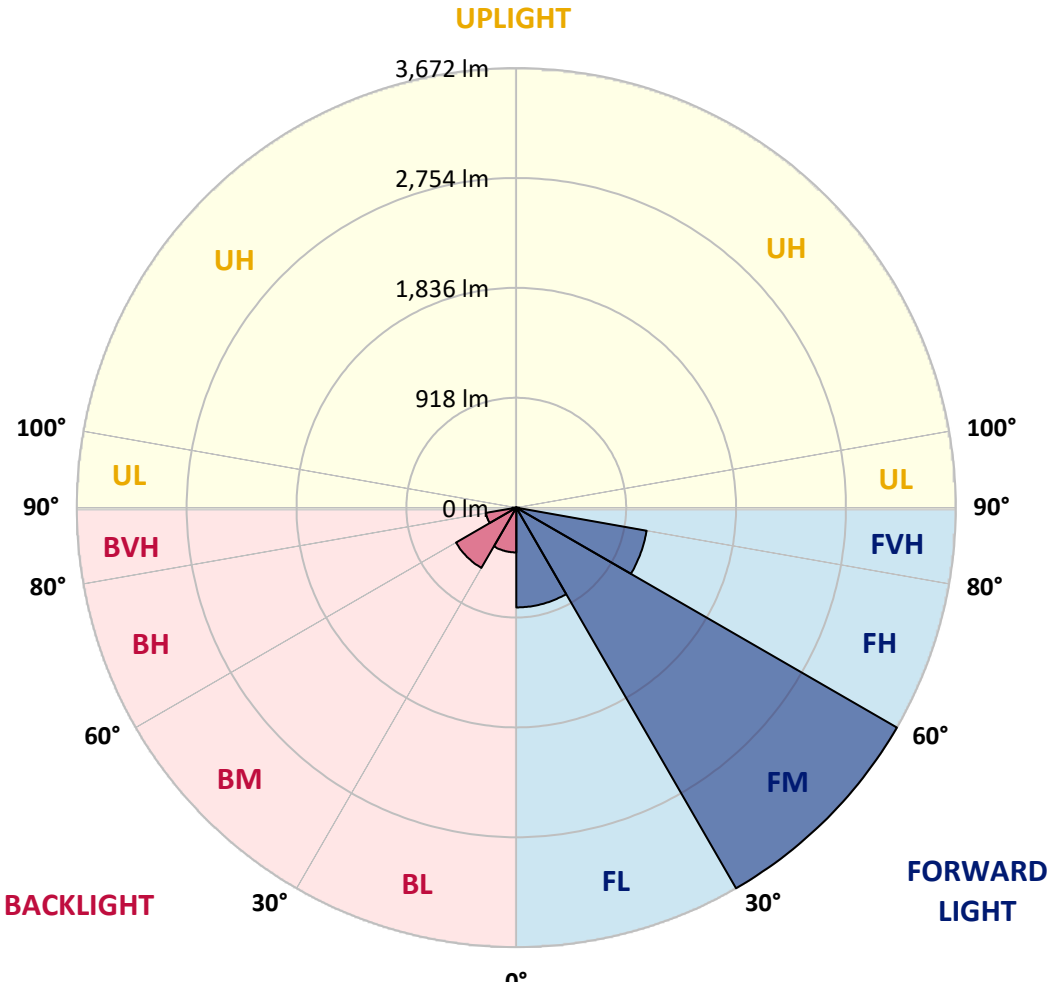
Scaled Data Report

REPORT NUMBER: P1198430
CATALOG NUMBER: GPC-SB1C-830-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	833.9	12.1			
FM	(30°-60°)	3671.9	53.4			
FH	(60°-80°)	1106.1	16.1			G1/1800
FVH	(80°-90°)	23.2	0.3			G1/100
BL	(0°-30°)	374.2	5.4	B1/500		
BM	(30°-60°)	581.9	8.5	B1/1000		
BH	(60°-80°)	257.1	3.7	B1/500		G1/500
BVH	(80°-90°)	31.8	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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REPORT NUMBER: P1198430
CATALOG NUMBER: GPC-SB1C-830-U-AFL

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9
2.5°	1977.8	1976.4	1984.3	1957.6	1939.4	1914.9	1882.5	1841.3	1796.8	1749.9	1729.6
5°	2156.0	2143.6	2151.8	2131.9	2111.9	2074.9	2026.9	1959.7	1877.6	1784.0	1734.2
7.5°	2127.9	2119.4	2140.4	2158.2	2173.1	2168.5	2133.3	2062.9	1956.9	1821.0	1748.8
10°	1901.4	1891.8	1921.3	1982.8	2073.2	2151.8	2194.4	2150.7	2038.0	1861.5	1763.0
12.5°	1701.5	1696.9	1716.4	1766.2	1866.5	2017.3	2186.6	2227.5	2122.2	1909.6	1782.2
15°	1616.1	1610.4	1622.9	1648.1	1712.2	1852.7	2115.5	2280.2	2205.1	1965.0	1812.8
17.5°	1597.3	1590.9	1596.2	1609.4	1650.6	1757.7	2008.1	2306.1	2291.5	2026.9	1838.4
20°	1632.1	1626.8	1627.5	1626.8	1655.6	1740.6	1933.4	2296.2	2366.9	2083.8	1863.3
22.5°	1716.4	1707.5	1707.9	1689.0	1704.7	1770.5	1913.8	2269.5	2434.2	2133.6	1882.2
25°	1853.7	1837.7	1840.9	1792.9	1788.6	1837.4	1944.4	2248.9	2501.0	2173.5	1885.7
27.5°	2041.5	2023.4	2013.8	1942.3	1908.1	1932.3	2006.7	2256.0	2564.3	2208.0	1876.8
30°	2276.3	2254.2	2234.6	2133.3	2071.4	2062.5	2103.4	2302.9	2639.0	2244.2	1861.5
32.5°	2564.0	2538.4	2502.8	2368.4	2281.2	2234.6	2228.6	2386.5	2726.5	2290.5	1853.7
35°	2906.5	2873.1	2822.6	2648.6	2538.4	2443.1	2393.6	2507.1	2846.4	2360.2	1862.6
37.5°	3259.3	3221.6	3175.4	2968.4	2832.9	2692.4	2594.9	2670.7	3006.1	2454.8	1886.1
40°	3584.7	3542.4	3499.4	3315.1	3169.7	3000.4	2841.4	2877.7	3201.3	2567.9	1925.9
42.5°	3776.8	3745.5	3729.1	3629.6	3517.2	3345.4	3148.0	3123.1	3420.8	2698.1	1971.4
45°	3768.3	3755.5	3806.0	3847.2	3820.5	3725.2	3507.2	3394.5	3640.9	2810.8	2013.4
47.5°	3567.0	3575.5	3688.2	3920.1	4022.2	4072.0	3916.2	3660.9	3832.3	2895.1	2032.3
50°	3019.2	3026.3	3287.4	3787.5	4074.1	4354.8	4322.0	3920.8	3980.6	2946.7	2028.0
52.5°	2585.7	2590.3	2702.3	3394.1	3902.7	4497.0	4687.7	4165.9	4089.1	2960.9	2004.2
55°	1947.6	1963.6	2089.2	2662.9	3456.7	4384.3	4910.3	4418.4	4157.7	2962.3	1979.3
57.5°	1137.8	1155.2	1310.3	1807.5	2686.7	3991.3	4944.1	4642.5	4204.3	2950.9	1964.3
60°	557.3	564.8	632.4	950.0	1656.7	3234.1	4672.4	4751.0	4230.3	2944.9	1963.6
62.5°	375.6	374.5	377.4	468.8	816.2	2077.8	4106.1	4561.0	4216.4	2921.8	1956.5
65°	322.9	319.0	308.4	329.0	422.9	950.3	3172.5	3994.1	4110.8	2863.8	1907.8
67.5°	279.2	279.6	279.9	273.5	302.0	438.5	1938.7	3146.2	3731.6	2589.2	1720.0
70°	231.2	234.4	235.8	235.8	246.1	287.7	827.6	2156.4	2943.5	2030.1	1385.3
72.5°	210.6	203.8	204.5	201.0	201.0	219.1	333.3	1222.4	1854.4	1142.0	845.4
75°	171.8	176.1	176.8	174.3	166.1	167.2	197.7	512.9	793.5	473.7	417.9
77.5°	148.3	148.3	149.7	148.0	141.6	125.2	132.0	198.8	269.9	194.2	208.8
80°	119.1	118.8	124.8	128.4	118.4	92.5	84.3	109.9	119.9	85.4	108.5
82.5°	58.0	61.5	85.7	97.8	90.0	66.9	51.6	68.3	64.0	37.7	48.7
85°	33.8	32.0	38.4	54.4	51.6	37.0	24.9	35.6	33.4	19.2	19.6
87.5°	10.7	10.0	7.8	18.5	14.9	10.3	6.8	10.3	9.2	4.3	4.3
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: P1198430
CATALOG NUMBER: GPC-SB1C-830-U-AFL

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9	1723.9
2.5°	1704.3	1662.4	1620.8	1582.7	1559.6	1544.6	1529.7	1513.0	1506.6	1497.0
5°	1687.3	1606.2	1534.0	1471.7	1415.2	1370.7	1325.9	1289.6	1273.3	1284.3
7.5°	1677.3	1559.9	1448.6	1334.5	1224.6	1136.7	1060.2	1006.5	982.3	988.4
10°	1668.4	1507.7	1338.0	1157.7	999.8	890.9	812.7	771.8	756.5	759.7
12.5°	1660.2	1449.0	1204.6	967.4	799.5	727.7	705.3	705.6	708.5	710.6
15°	1658.8	1378.2	1055.6	801.0	691.4	686.8	711.0	726.3	734.4	736.9
17.5°	1656.7	1293.6	903.7	687.5	665.1	696.4	718.8	728.8	735.2	735.5
20°	1648.1	1186.1	763.6	633.4	659.4	686.4	700.3	708.1	713.5	715.2
22.5°	1621.8	1066.6	654.4	609.3	636.6	658.3	674.7	683.6	686.8	688.9
25°	1574.5	932.9	579.0	586.1	605.0	632.4	645.5	647.3	646.2	649.4
27.5°	1512.6	789.6	532.1	554.8	579.0	602.5	609.6	608.5	606.4	610.0
30°	1438.0	660.8	502.2	519.6	552.7	574.0	580.4	578.0	573.7	577.6
32.5°	1359.0	555.5	477.7	495.1	531.0	552.0	558.4	555.9	552.7	555.9
35°	1285.4	481.9	454.9	478.7	513.9	534.6	542.7	543.1	543.1	547.0
37.5°	1217.8	438.9	436.0	468.4	502.2	520.7	532.4	533.1	517.8	518.9
40°	1155.2	420.8	427.5	461.7	490.8	508.6	509.3	469.5	441.4	440.7
42.5°	1104.0	417.2	430.0	460.9	482.6	483.3	433.2	402.3	394.4	394.8
45°	1056.0	416.1	435.7	460.9	470.5	417.5	383.8	375.6	376.3	379.1
47.5°	1002.3	411.9	436.8	454.5	435.7	371.3	361.4	357.8	356.4	357.1
50°	943.6	396.6	423.2	441.7	375.9	351.4	338.9	337.9	339.7	340.7
52.5°	881.7	371.7	400.1	418.6	348.6	334.0	320.1	322.6	330.4	332.9
55°	841.1	342.5	369.5	372.4	329.3	317.6	305.9	311.6	326.1	330.8
57.5°	*830.5*	*311.6*	*334.7*	*331.5*	*304.8*	*303.4*	*296.3*	*301.2*	*319.7*	*326.5*
60°	827.3	283.8	300.5	298.0	281.0	287.7	286.0	288.4	294.8	297.0
62.5°	802.4	261.8	269.9	266.4	259.6	271.4	275.6	270.3	275.3	277.8
65°	739.1	244.0	240.1	237.6	240.4	251.1	259.6	249.0	253.6	260.7
67.5°	634.5	219.8	209.1	212.0	220.9	226.6	237.6	225.5	229.4	241.5
70°	513.2	189.2	179.6	187.8	196.3	208.1	209.8	201.7	210.9	224.4
72.5°	363.1	158.3	151.5	168.2	171.1	186.4	182.5	178.5	191.3	196.0
75°	251.8	127.7	123.8	136.6	146.9	160.0	157.2	161.8	188.9	191.0
77.5°	159.3	99.2	96.7	104.9	119.1	133.7	138.4	191.0	322.6	335.4
80°	92.5	74.0	71.1	77.5	90.0	103.5	133.4	234.4	212.7	210.2
82.5°	51.6	50.9	47.3	49.1	60.1	74.7	188.5	165.0	134.1	138.4
85°	24.2	29.9	25.6	24.5	33.8	87.5	125.9	94.3	62.6	61.2
87.5°	6.4	5.7	5.7	6.4	14.2	75.4	50.1	40.2	23.8	23.1
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

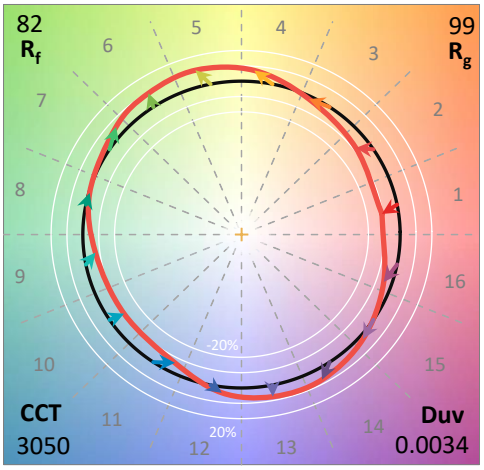
Test Information

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

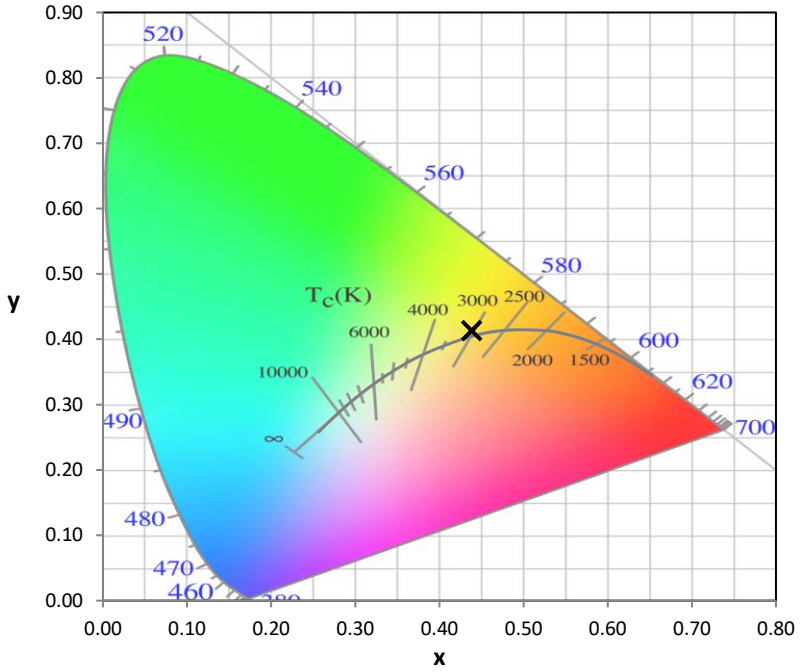
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

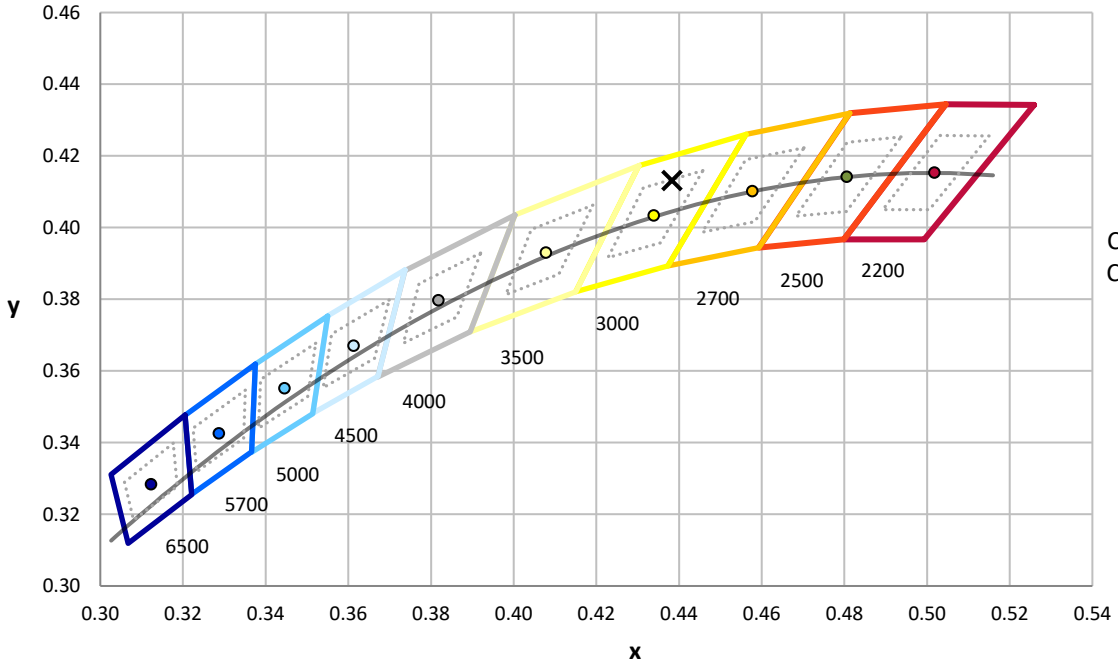
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

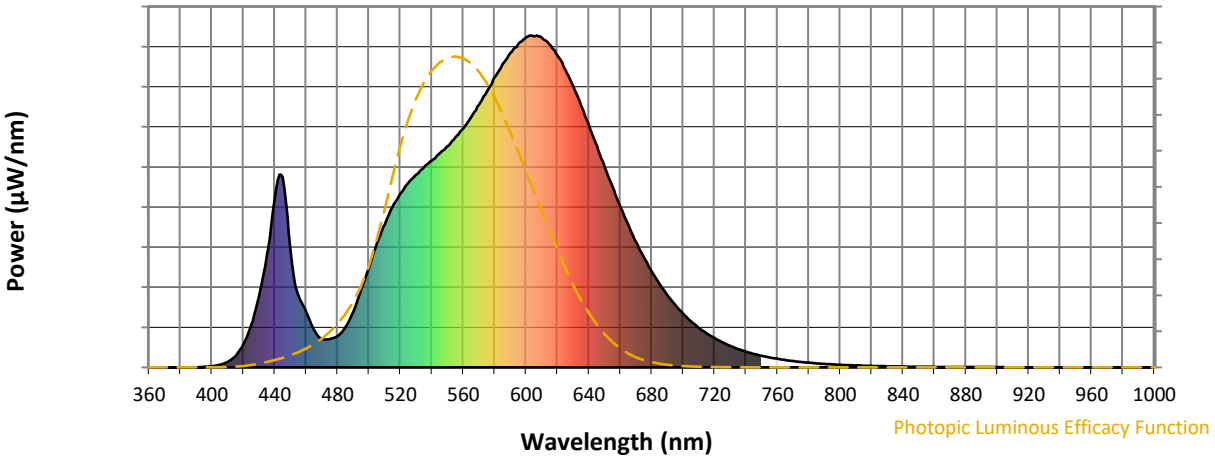


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

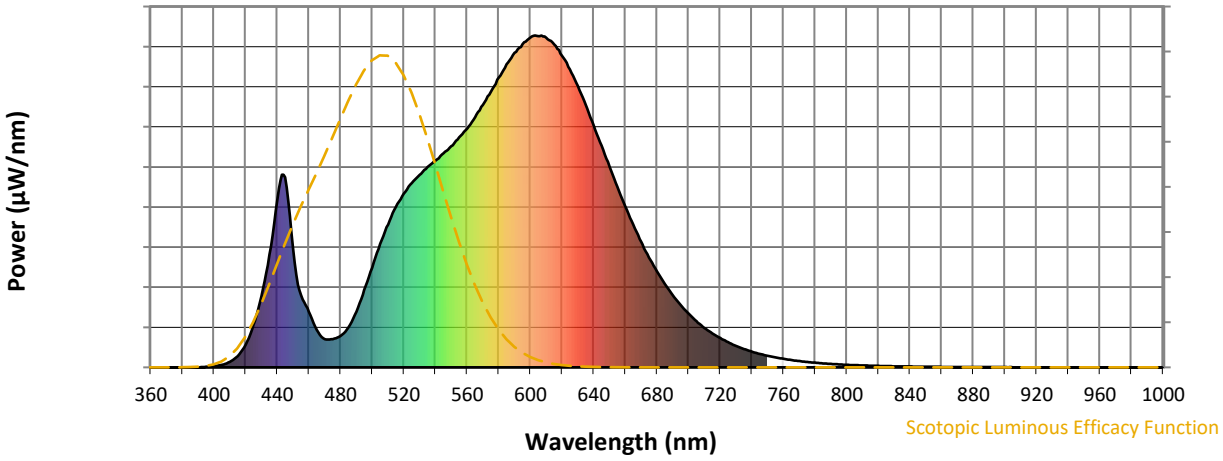


Photopic Lumens: NR

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

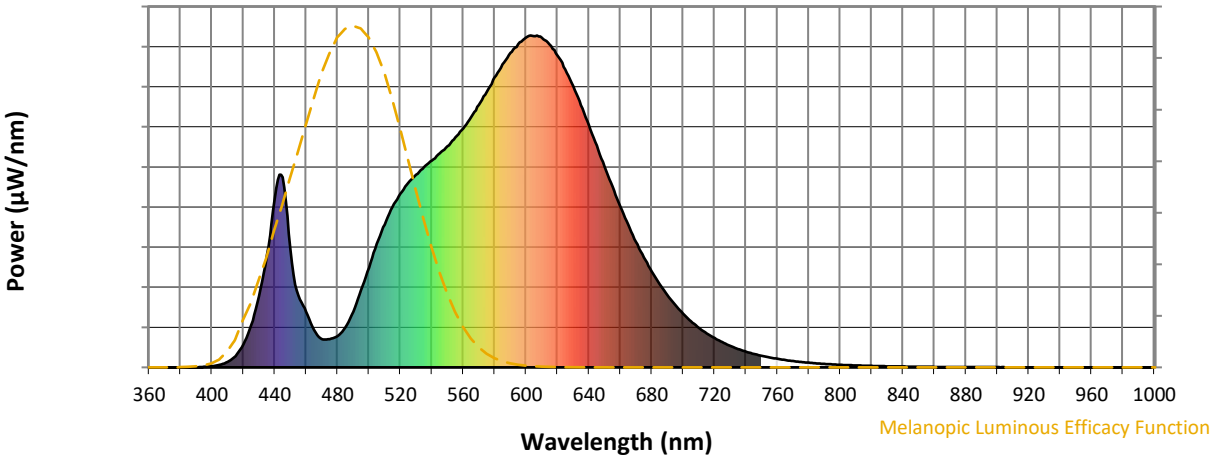


Scotopic Lumens: NR **S/P: 1.27**

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			

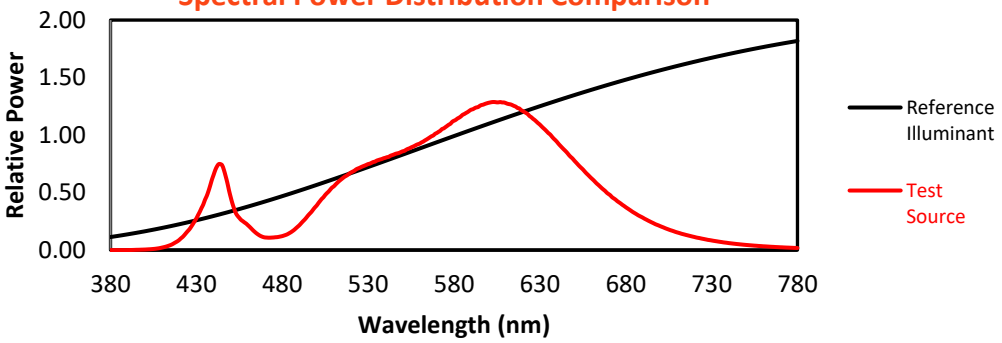
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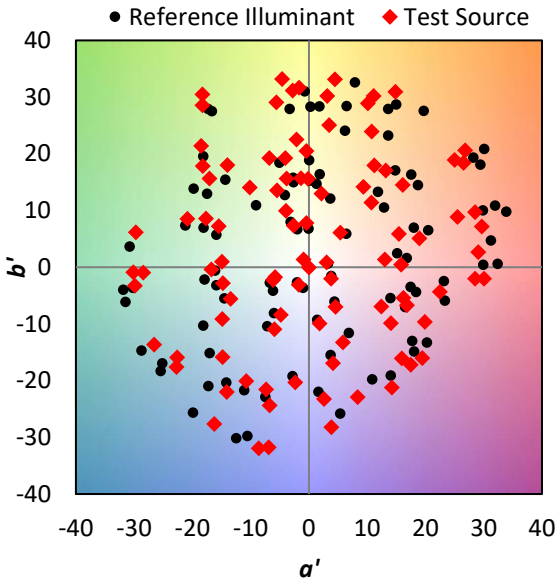
Summary

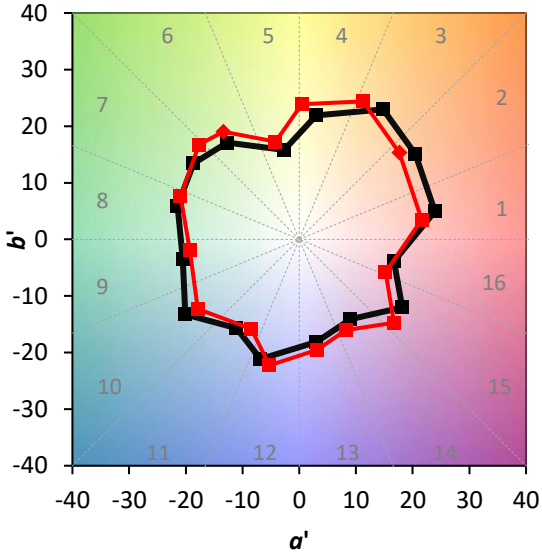
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

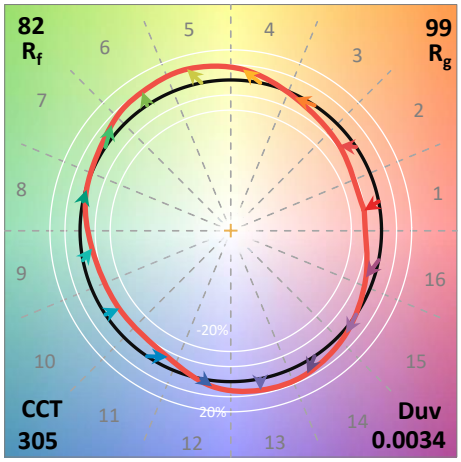
Spectral Power Distribution Comparison

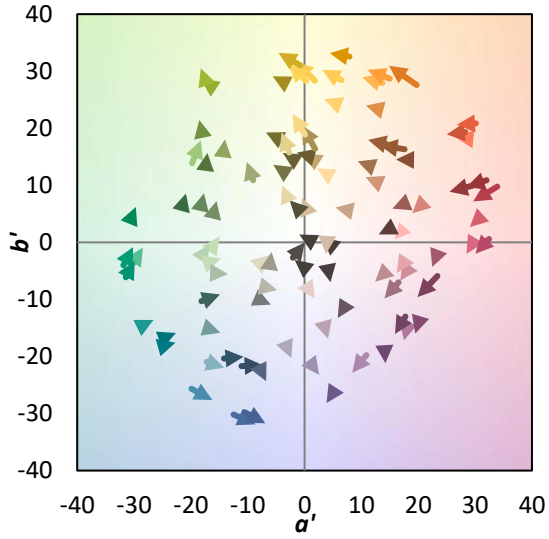


Color Vector Graphics







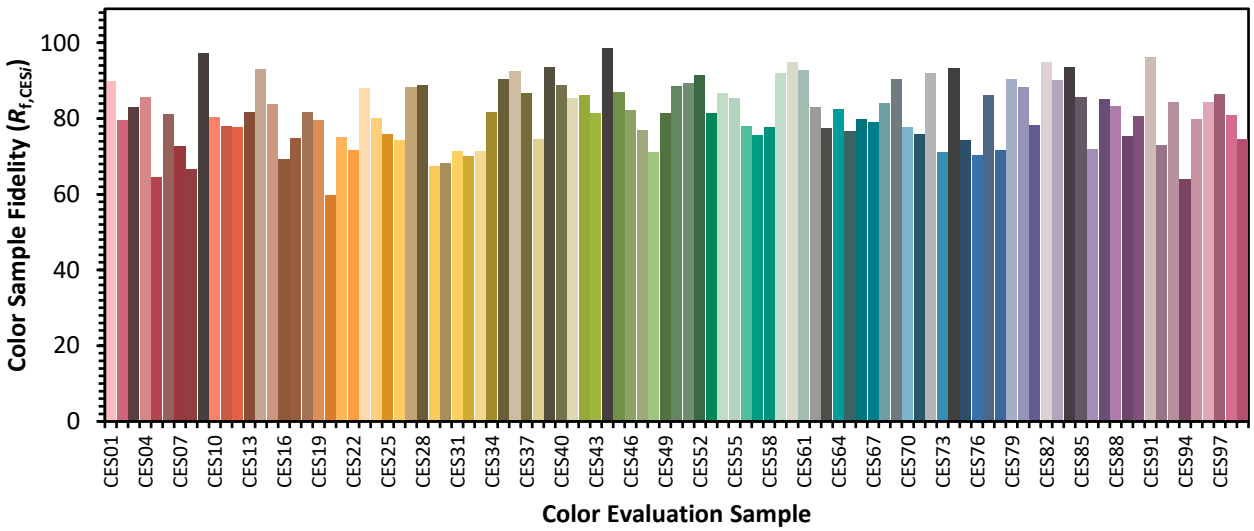


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Individual Sample Fidelity Index ($R_{f,i}$)

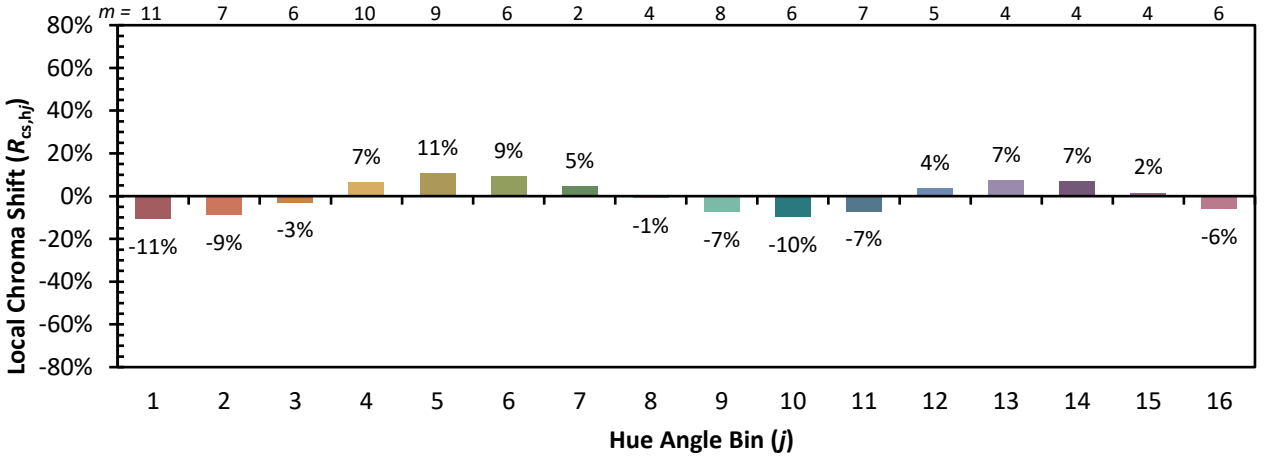
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

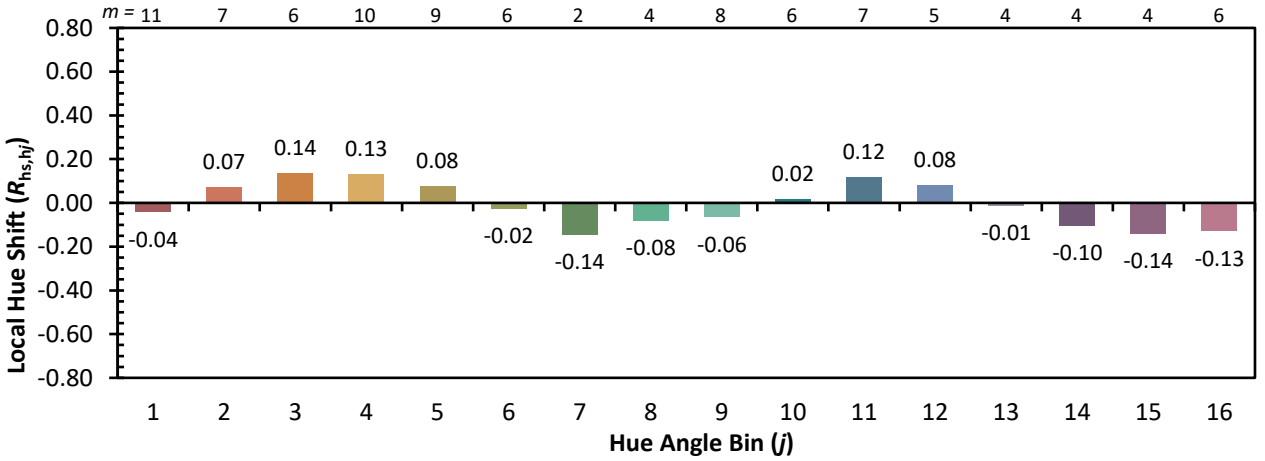


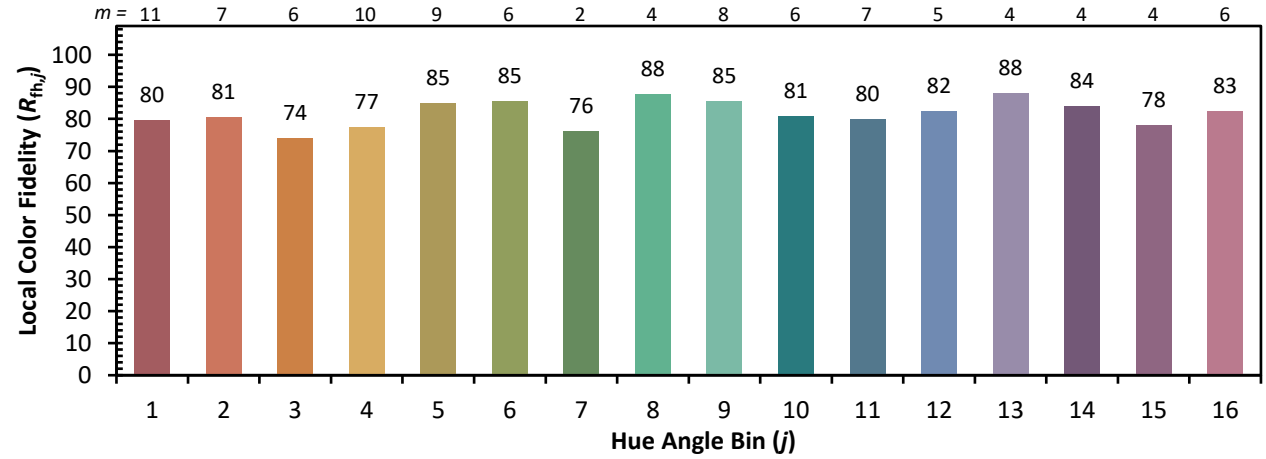
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Color Rendition by Hue-Angle Bin



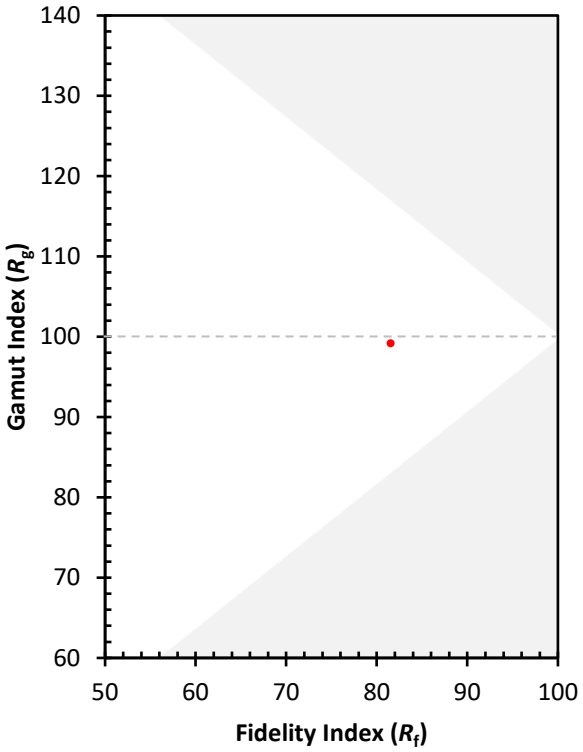


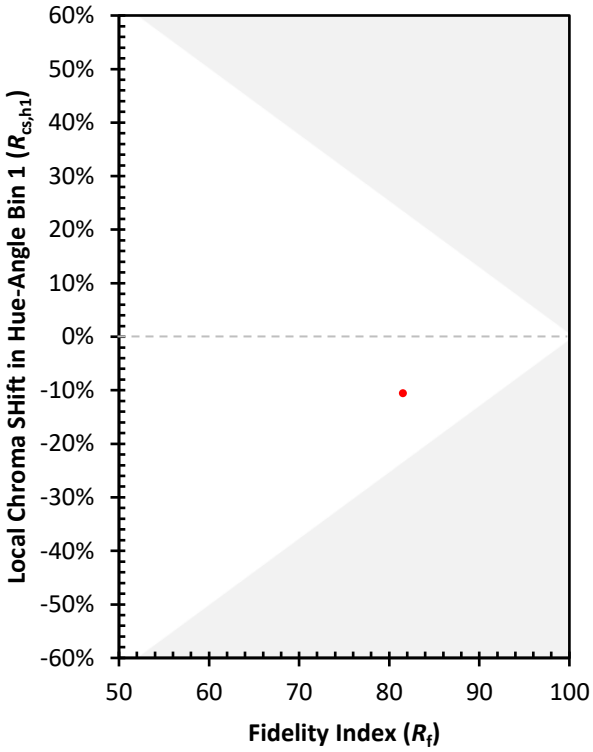


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Measure Comparisons





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