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: P1199381

Luminaire Tested: GPC-SB2A-830-U-AFL-HSS

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:	P1199381
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN
	OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6872 lumens
Efficiency:	N/A
Efficacy:	119.9 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

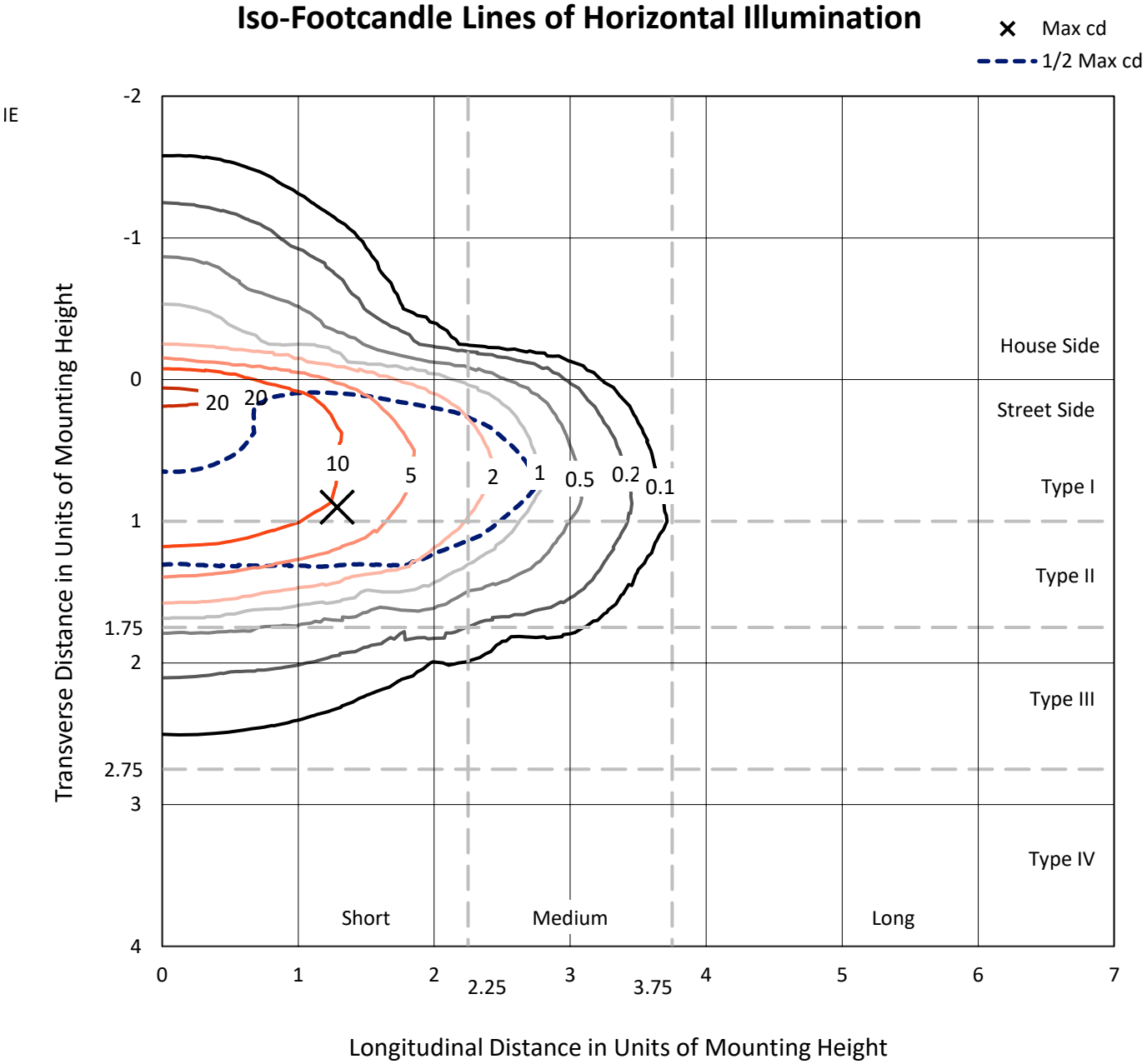


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REPORT NUMBER: P1199381
CATALOG NUMBER: GPC-SB2A-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



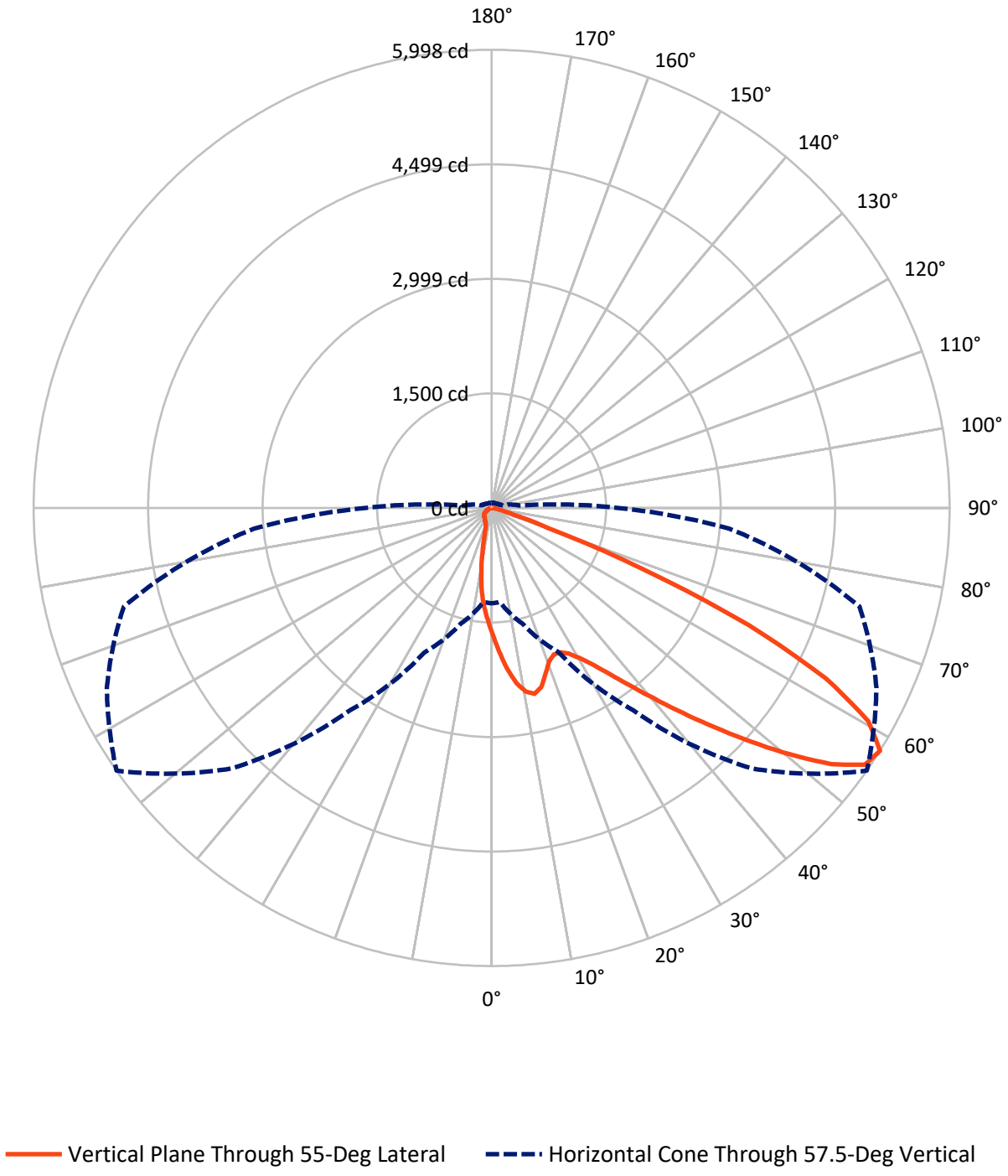
Based on 10 foot mounting height. Maximum calculated value = 23.7 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

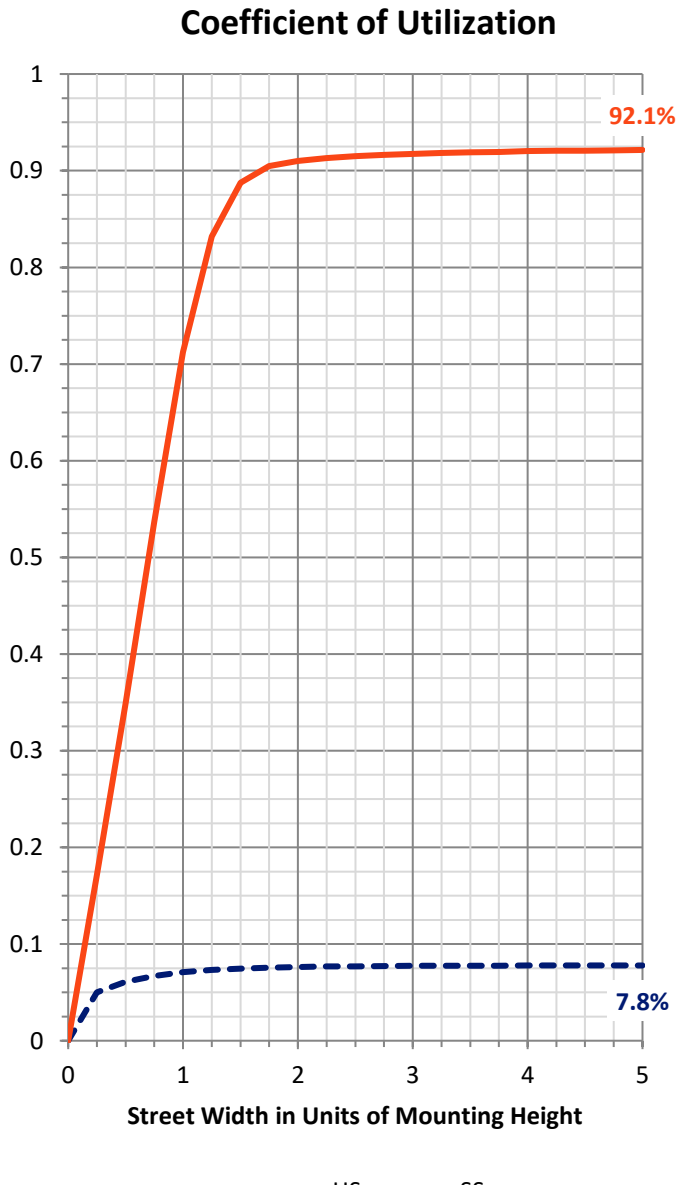
REPORT NUMBER: P1199381
CATALOG NUMBER: GPC-SB2A-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	536.7	0.0	536.7
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	6335.3	0.0	6335.3
	% Fixture	92.2	0.0	92.2
Total	Lumens	6872.0	0.0	6872.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.1	2.2
10°-20°	372.2	5.4
20°-30°	595.5	8.7
30°-40°	1007.9	14.7
40°-50°	1654.7	24.1
50°-60°	1818.7	26.5
60°-70°	1043.2	15.2
70°-80°	213.2	3.1
80°-90°	12.6	0.2
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°	6872.0	100.0
0°-180°	6872.0	100.0



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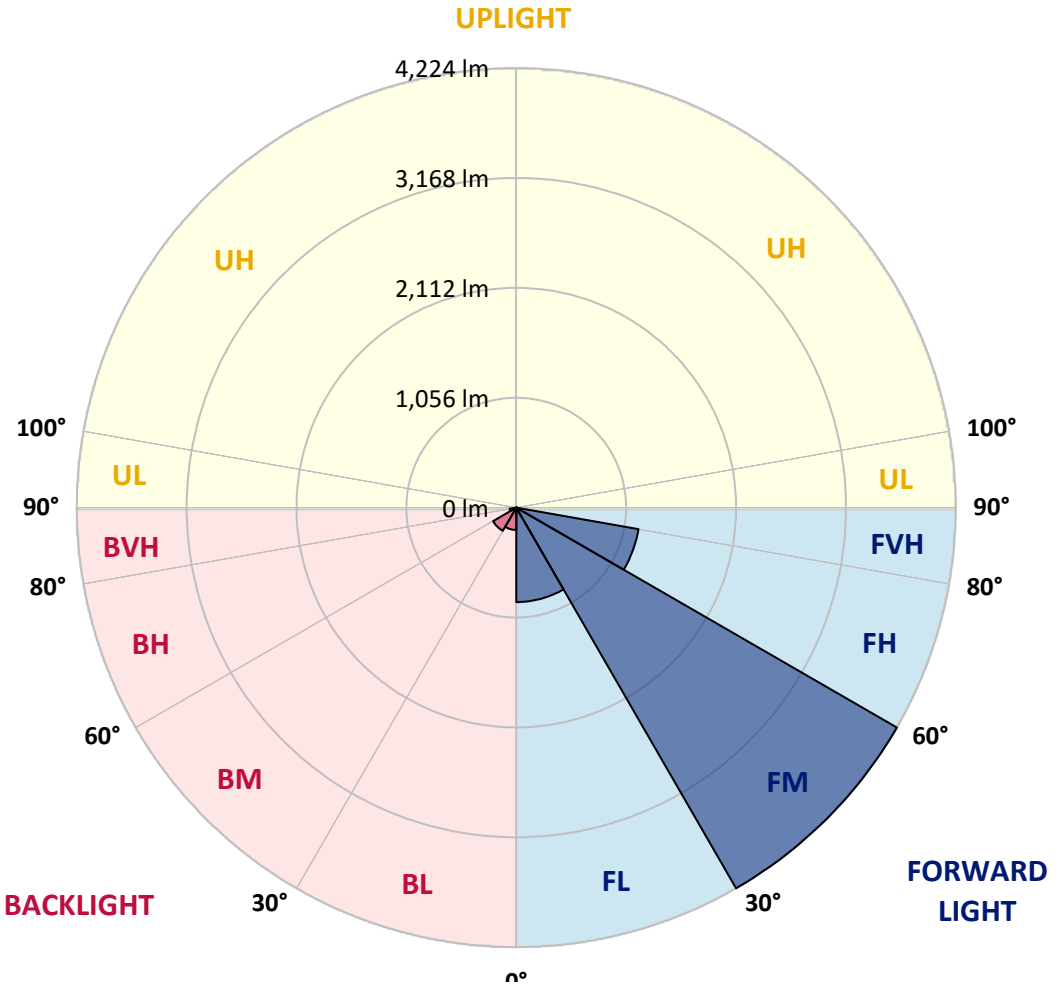
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	907.5	13.2			
FM	(30°-60°)	4223.6	61.5			
FH	(60°-80°)	1192.5	17.4			G1/1800
FVH	(80°-90°)	11.7	0.2			G1/100
BL	(0°-30°)	214.3	3.1	B1/500		
BM	(30°-60°)	257.7	3.8	B1/1000		
BH	(60°-80°)	63.8	0.9	B0/110		G0/110
BVH	(80°-90°)	0.8	0.0			G0/10
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: P1199381
CATALOG NUMBER: GPC-SB2A-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0
2.5°	2054.7	2028.9	2025.1	2020.0	1970.8	1934.0	1880.6	1822.1	1756.4	1689.5	1659.8
5°	2373.8	2353.5	2349.6	2325.9	2270.0	2207.3	2112.4	1992.4	1870.0	1725.9	1664.0
7.5°	2435.7	2431.9	2449.2	2448.4	2440.8	2391.2	2311.1	2168.3	1984.4	1770.8	1675.1
10°	2159.8	2169.6	2221.3	2266.6	2389.1	2460.2	2442.9	2325.1	2102.2	1822.1	1687.3
12.5°	1908.5	1897.1	1934.0	1985.2	2127.6	2339.5	2497.5	2456.0	2236.9	1880.1	1705.6
15°	1750.9	1746.2	1767.0	1790.7	1899.2	2112.8	2434.0	2562.4	2366.6	1948.8	1733.1
17.5°	1700.5	1696.7	1703.0	1709.0	1779.3	1944.6	2282.7	2627.6	2490.8	2027.2	1763.6
20°	1741.6	1736.5	1735.6	1731.0	1760.2	1872.9	2145.8	2632.3	2602.2	2098.4	1789.9
22.5°	1861.5	1855.6	1834.8	1816.2	1818.7	1882.7	2084.8	2585.7	2686.1	2164.9	1806.4
25°	2078.9	2069.1	2025.9	1963.2	1923.4	1950.5	2094.1	2524.2	2766.2	2217.0	1798.4
27.5°	2350.9	2338.2	2282.7	2189.5	2098.4	2065.3	2161.5	2481.9	2832.7	2256.8	1781.0
30°	2617.5	2600.9	2546.3	2473.8	2340.7	2236.5	2283.1	2500.5	2912.0	2298.4	1758.1
32.5°	2905.2	2889.5	2817.0	2727.2	2617.0	2476.8	2449.7	2591.6	3009.0	2356.4	1742.0
35°	3269.2	3244.6	3141.6	3019.2	2902.2	2760.3	2675.1	2748.8	3138.2	2445.0	1750.9
37.5°	3683.6	3650.5	3539.5	3370.4	3217.9	3059.0	2949.7	2964.9	3327.6	2563.6	1778.4
40°	4074.3	4044.2	3941.6	3782.3	3590.8	3398.0	3281.5	3247.6	3589.1	2708.1	1826.8
42.5°	4308.6	4281.5	4238.3	4170.9	4009.4	3812.8	3665.8	3592.5	3898.4	2881.0	1885.7
45°	4321.7	4298.0	4356.1	4434.5	4402.7	4271.7	4092.5	3958.2	4209.0	3043.3	1946.7
47.5°	4111.6	4095.5	4271.7	4545.5	4681.9	4737.0	4571.7	4293.4	4465.4	3159.8	1971.7
50°	3538.7	3532.7	3895.5	4398.0	4788.3	5144.6	5077.3	4605.2	4664.1	3220.0	1947.9
52.5°	3068.3	3046.7	3258.2	3926.0	4633.6	5359.1	5571.4	4911.2	4803.1	3231.5	1892.4
55°	2327.2	2308.1	2573.4	3136.1	4134.9	5282.8	5932.8	5226.9	4902.7	3202.2	1792.9
57.5°	1248.3	1236.5	1571.7	2087.4	3232.3	4825.1	5998.1	5560.8	4986.6	3124.7	1653.4
60°	486.0	483.9	609.3	1012.7	1964.5	3925.5	5668.8	5761.2	5039.1	3029.3	1536.9
62.5°	294.1	300.4	320.8	454.7	867.8	2438.6	4909.9	5533.2	5074.3	2942.0	1440.7
65°	243.2	243.7	246.2	312.3	415.7	1020.4	3696.3	4783.2	4987.4	2786.5	1304.3
67.5°	208.5	212.3	222.0	247.9	293.2	447.5	2128.0	3705.2	4459.0	2424.7	1091.6
70°	164.4	169.5	181.8	203.8	226.3	280.1	786.5	2465.3	3406.5	1827.6	825.4
72.5°	138.6	138.1	144.5	165.7	179.7	197.0	302.6	1381.4	1979.7	872.5	408.5
75°	107.2	111.4	119.5	138.6	147.0	142.8	164.0	504.7	709.3	264.4	139.0
77.5°	83.9	87.3	94.5	113.1	121.6	101.3	94.5	180.5	228.0	94.9	62.7
80°	37.7	40.7	64.4	83.5	99.2	69.9	51.3	92.4	101.3	43.2	31.8
82.5°	6.8	11.4	37.7	44.1	50.8	45.3	26.7	47.9	49.6	17.4	11.0
85°	0.4	0.8	13.1	16.1	20.3	14.8	8.1	19.1	16.5	5.9	4.2
87.5°	0.0	0.0	0.0	0.4	0.4	2.1	2.5	3.4	2.5	2.1	1.7
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: P1199381
CATALOG NUMBER: GPC-SB2A-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0	1656.0
2.5°	1629.3	1569.1	1510.6	1462.8	1434.8	1387.3	1356.0	1350.9	1337.8	1349.2
5°	1597.9	1490.3	1381.4	1283.9	1203.9	1100.5	1023.3	990.7	962.3	972.1
7.5°	1583.1	1413.2	1243.7	1077.2	906.0	740.7	617.8	566.5	527.6	533.1
10°	1563.2	1333.1	1067.4	813.2	583.9	420.8	336.0	304.7	287.3	287.7
12.5°	1547.9	1237.3	862.7	551.3	355.5	268.7	242.4	234.8	229.7	230.1
15°	1540.3	1124.6	660.6	367.4	254.2	227.5	221.2	217.8	214.4	214.0
17.5°	1527.6	999.2	483.5	268.2	222.5	213.1	207.6	203.8	199.6	198.7
20°	1508.5	856.8	353.4	226.7	208.5	201.3	193.6	188.6	183.5	182.6
22.5°	1473.3	706.4	271.6	209.8	198.3	190.3	180.9	175.0	169.9	169.1
25°	1408.1	565.3	228.8	199.2	189.4	179.7	169.5	161.4	156.8	155.9
27.5°	1325.5	444.1	207.6	189.4	178.0	169.1	157.6	150.0	145.8	144.9
30°	1228.0	342.0	195.3	178.4	164.4	156.8	146.6	140.3	137.7	137.7
32.5°	1122.9	273.3	190.3	167.4	152.5	144.1	136.0	133.5	132.6	132.2
35°	1024.2	237.3	187.7	158.5	142.0	133.9	130.5	130.9	132.6	132.6
37.5°	936.5	225.9	186.4	152.1	132.6	125.4	127.5	131.4	129.7	129.7
40°	857.2	227.1	185.6	147.5	125.0	120.8	125.0	122.0	117.8	117.4
42.5°	796.6	237.7	183.9	143.6	120.3	117.4	115.7	111.0	110.6	111.4
45°	752.6	247.0	183.5	142.0	115.3	109.7	107.6	103.0	111.4	113.6
47.5°	700.4	247.0	183.5	136.0	106.8	104.7	101.3	96.2	104.7	106.8
50°	633.1	231.4	176.3	129.2	100.0	98.7	92.8	86.4	84.7	86.0
52.5°	547.9	203.0	158.1	119.9	93.2	90.7	83.5	78.8	77.5	77.5
55°	450.9	169.9	133.5	106.4	86.0	81.4	76.3	74.2	72.9	72.0
57.5°	*366.5*	*139.4*	*107.2*	*94.5*	*79.2*	*73.3*	*71.6*	*69.1*	*67.0*	*65.7*
60°	300.9	109.7	88.6	83.9	72.5	67.0	66.5	63.1	57.6	56.8
62.5°	232.2	80.5	74.6	72.9	65.7	61.0	60.2	53.4	44.9	43.2
65°	164.0	62.7	60.2	64.0	58.5	54.2	52.1	42.0	33.1	31.8
67.5°	115.3	52.5	47.5	55.9	50.8	45.3	44.1	35.6	27.5	26.7
70°	82.2	42.8	39.0	47.9	40.7	39.8	37.3	29.7	22.5	21.6
72.5°	58.1	32.6	30.1	41.5	28.0	34.3	30.5	22.9	16.9	16.1
75°	42.8	23.3	21.2	24.2	20.3	25.8	21.6	15.3	10.6	10.2
77.5°	31.4	14.8	12.7	11.9	11.9	16.1	11.9	6.4	4.7	4.2
80°	22.0	6.8	5.9	5.1	4.7	3.8	1.7	0.8	0.4	0.4
82.5°	13.1	3.0	3.0	2.1	1.3	0.0	0.0	0.0	0.0	0.0
85°	3.0	1.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

0

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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

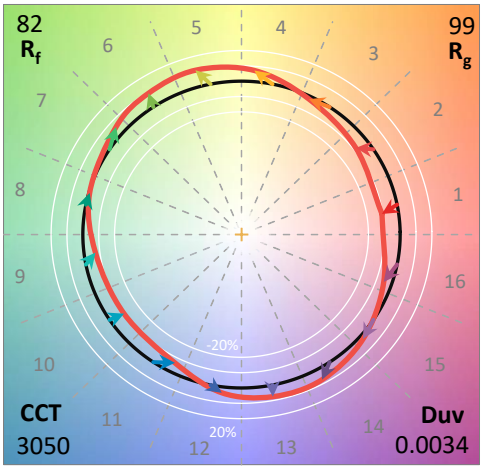
Test Information

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

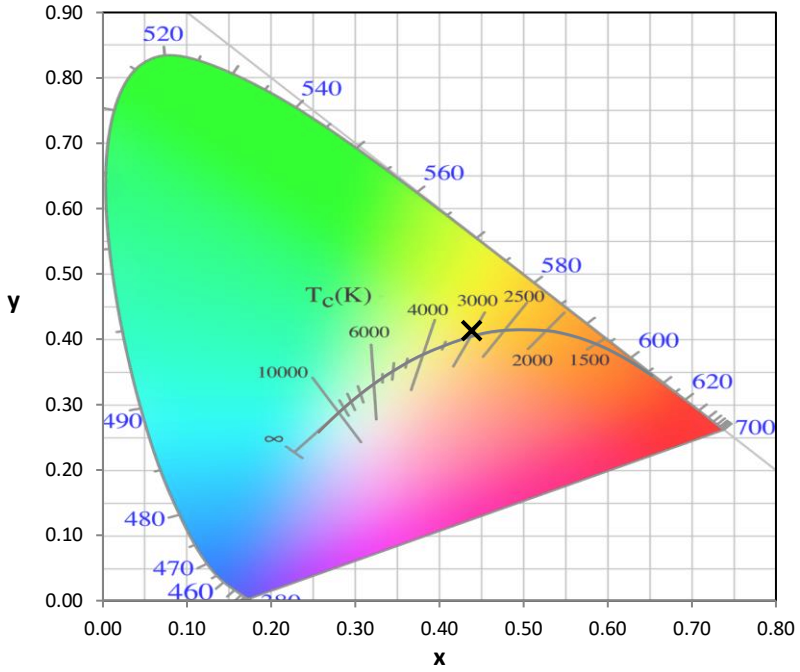
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

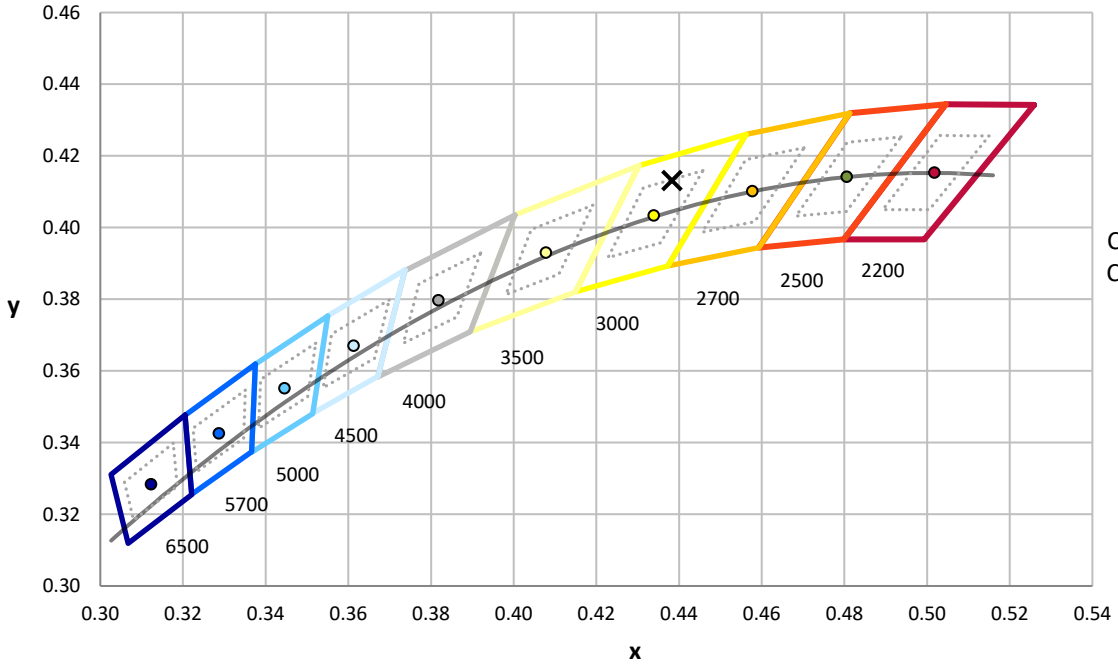
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

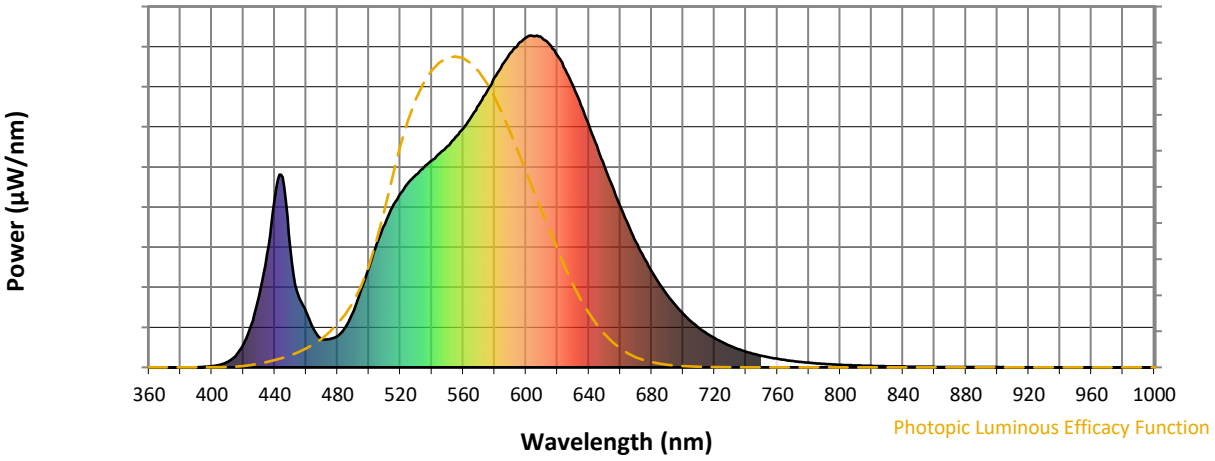


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

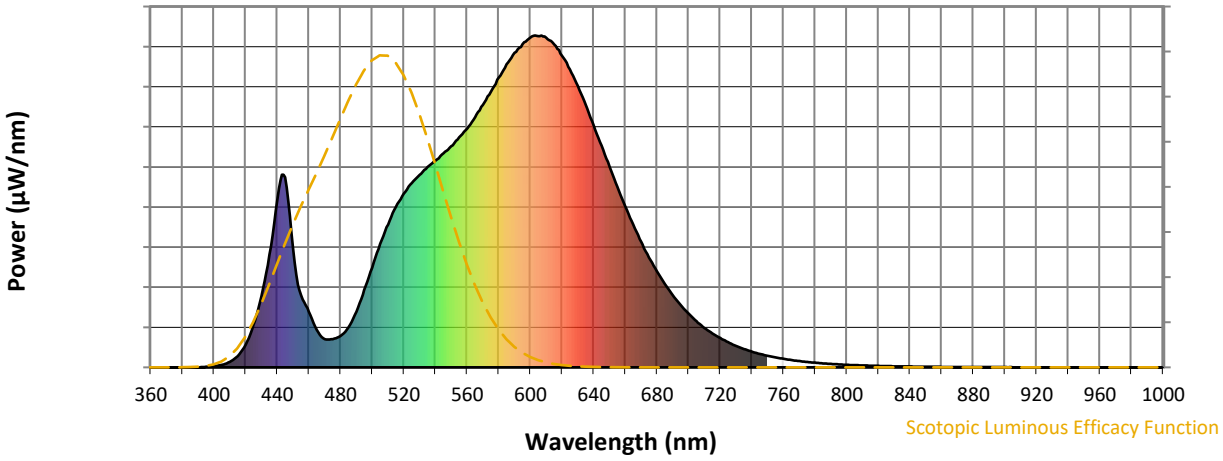


Photopic Lumens: NR

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

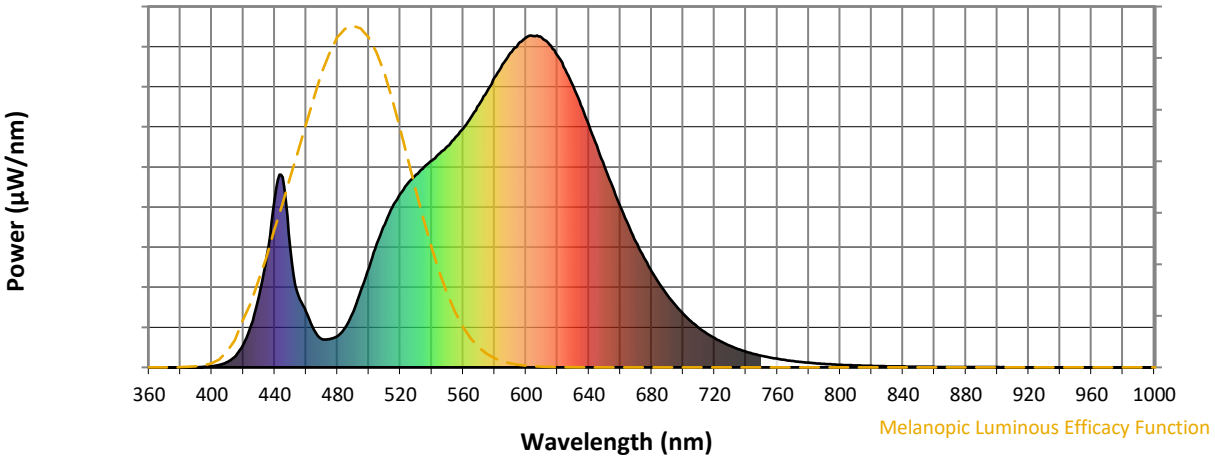


Scotopic Lumens: NR **S/P: 1.27**

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			

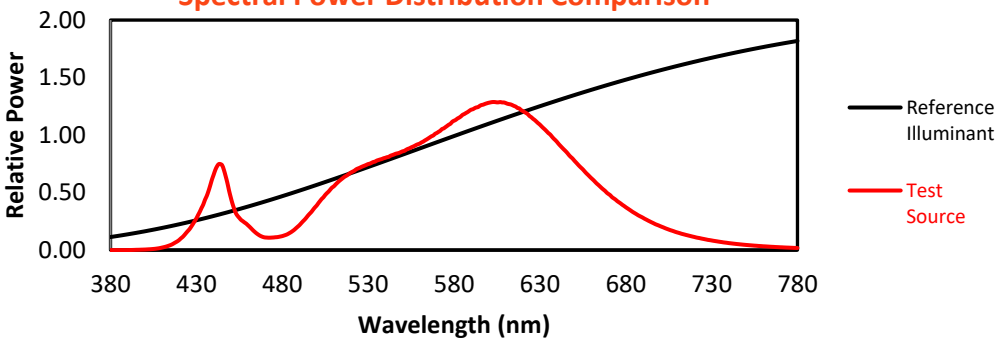
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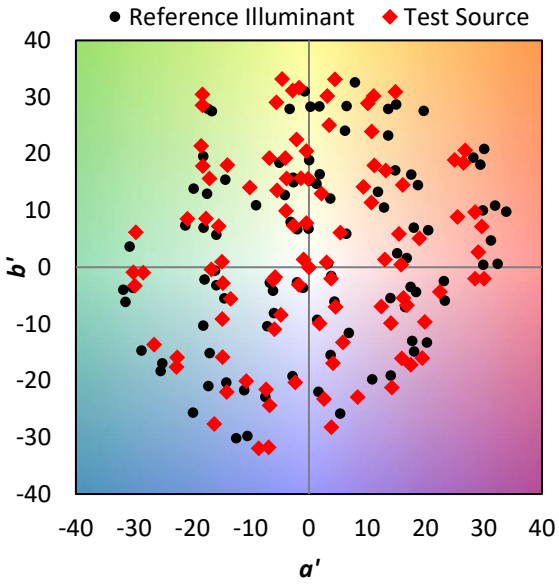
Summary

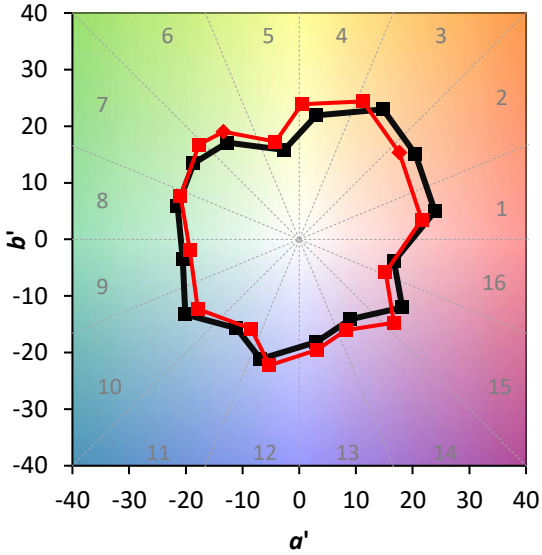
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

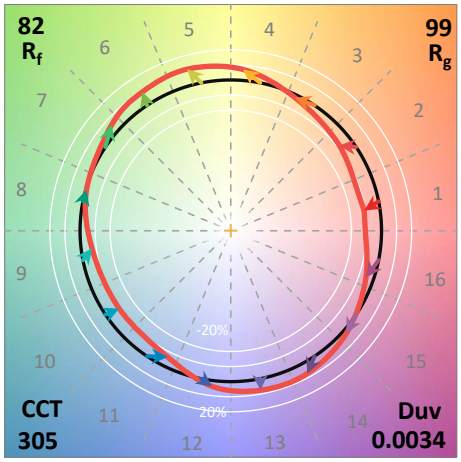
Spectral Power Distribution Comparison

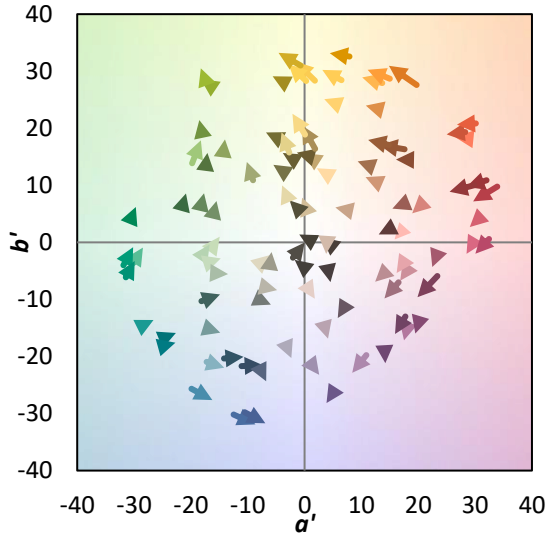


Color Vector Graphics







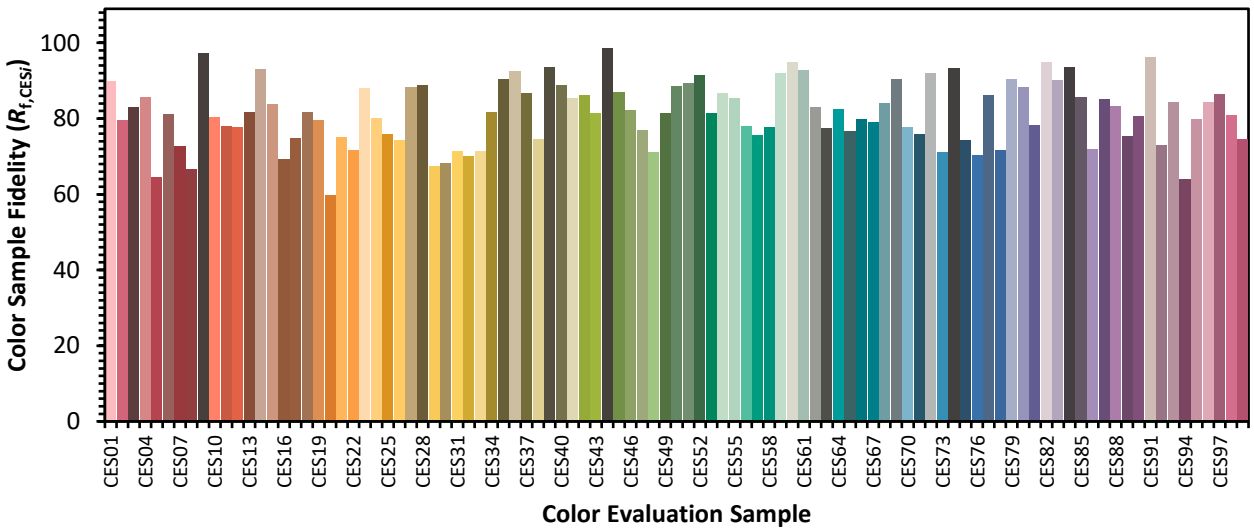


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Individual Sample Fidelity Index ($R_{f,i}$)

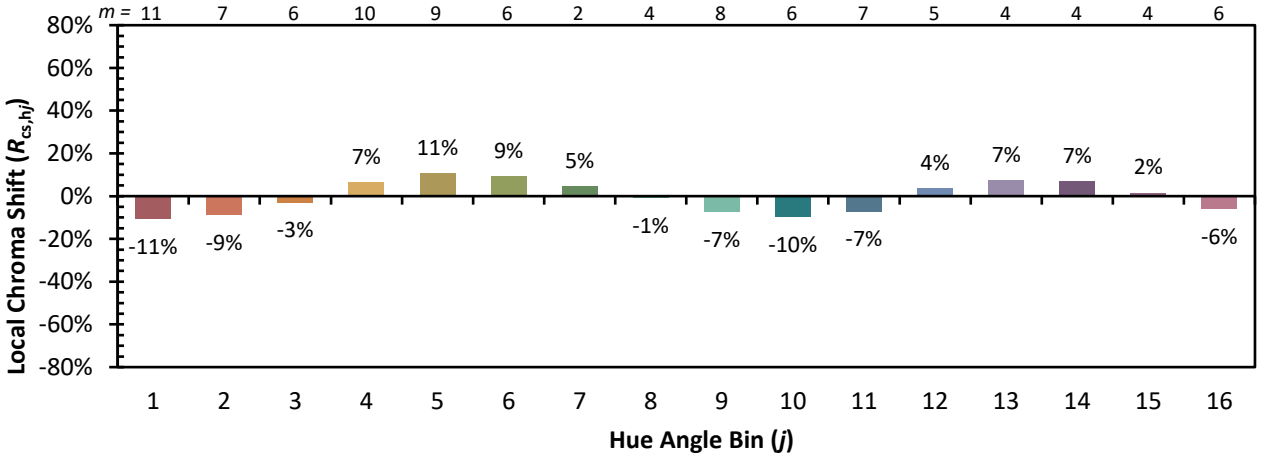
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

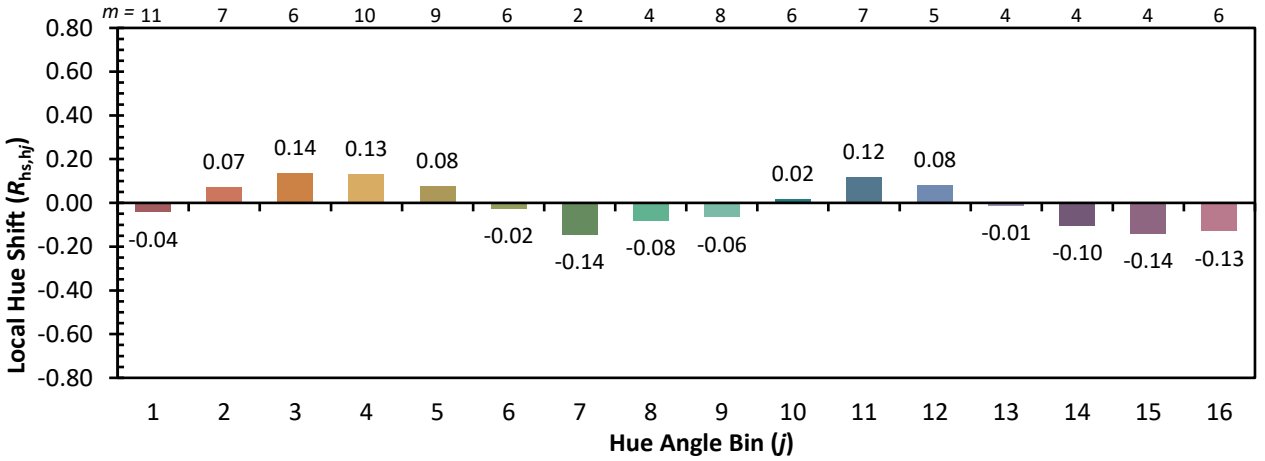


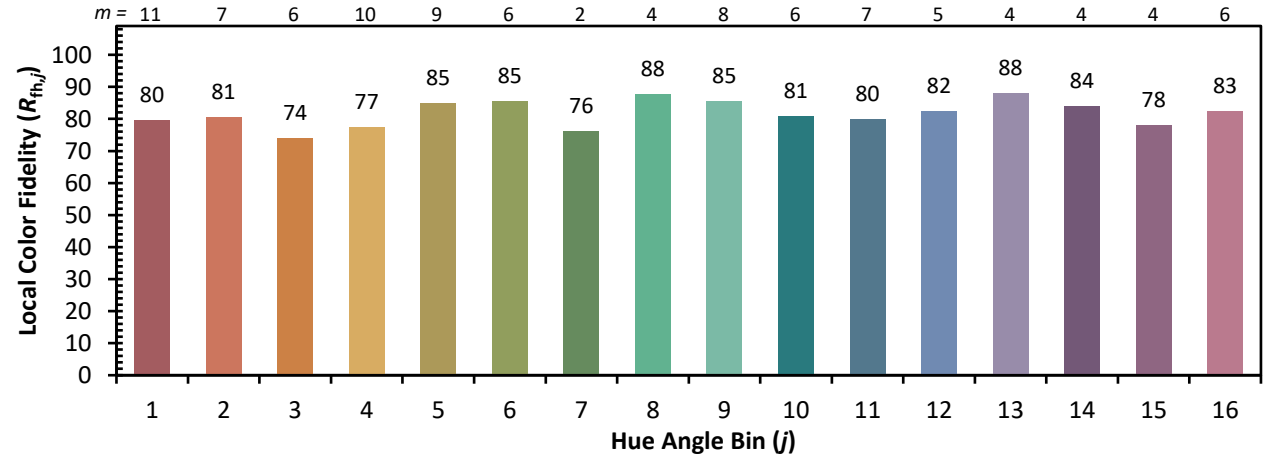
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Color Rendition by Hue-Angle Bin



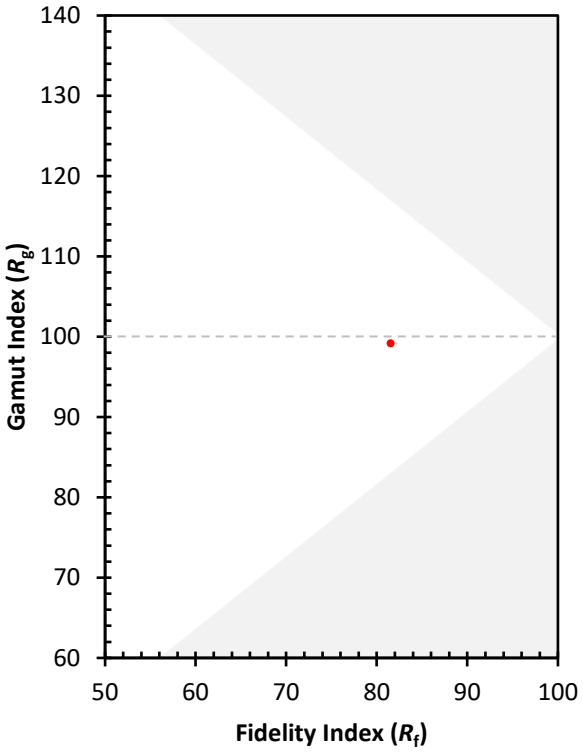


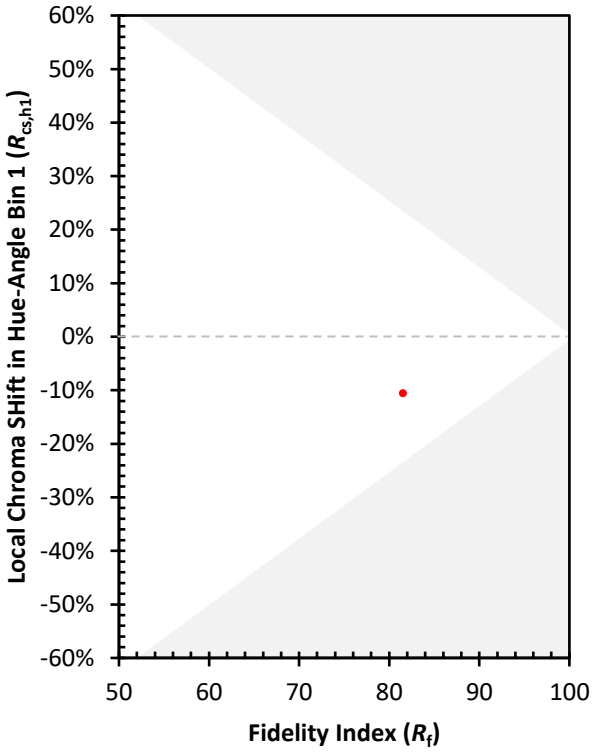


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Measure Comparisons





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