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: P1200827

Luminaire Tested: GPC-SB2D-830-U-T3R-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:	P1200827
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-830-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15221 lumens
Efficiency:	N/A
Efficacy:	103.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - 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

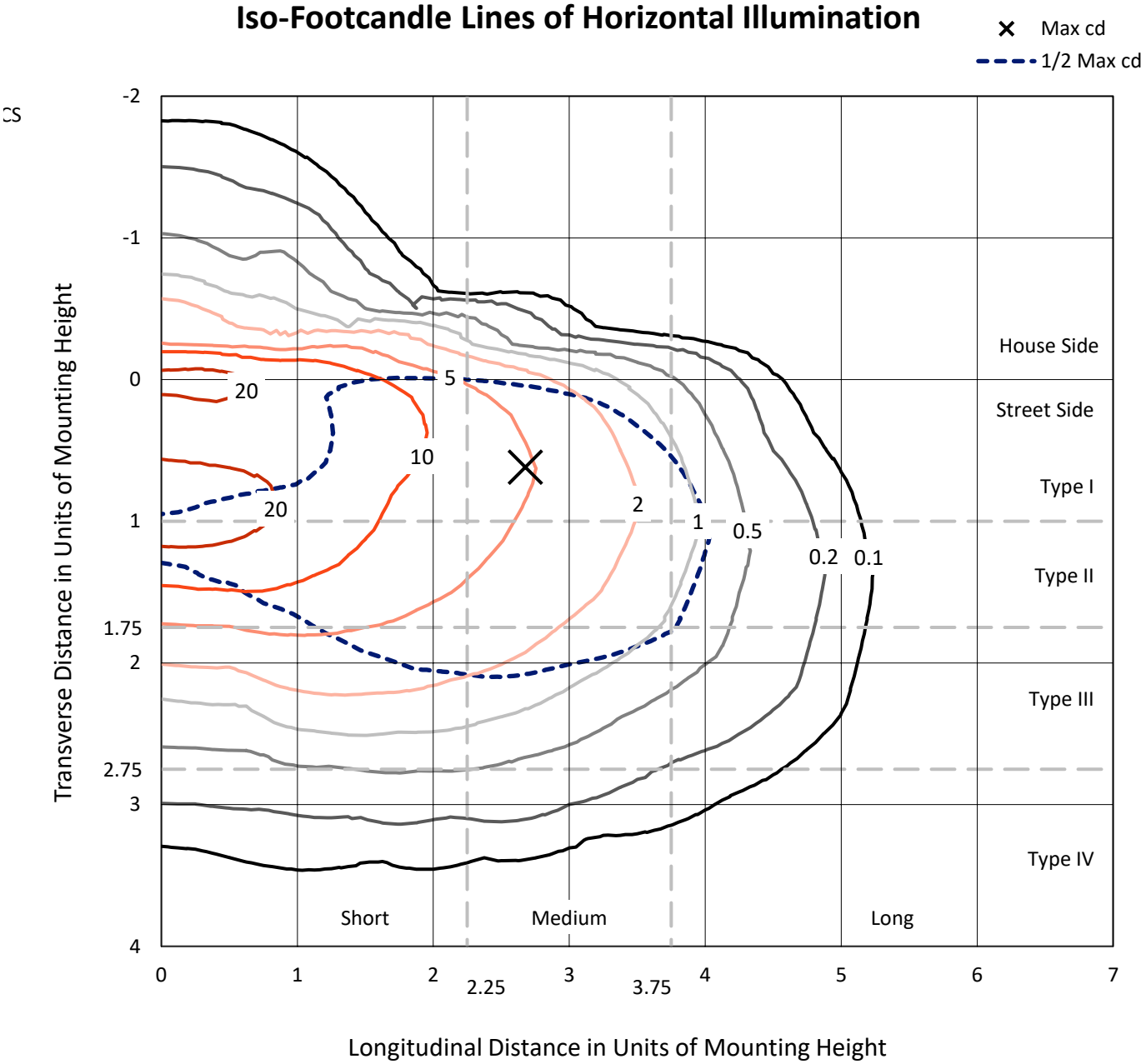


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REPORT NUMBER: P1200827
CATALOG NUMBER: GPC-SB2D-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



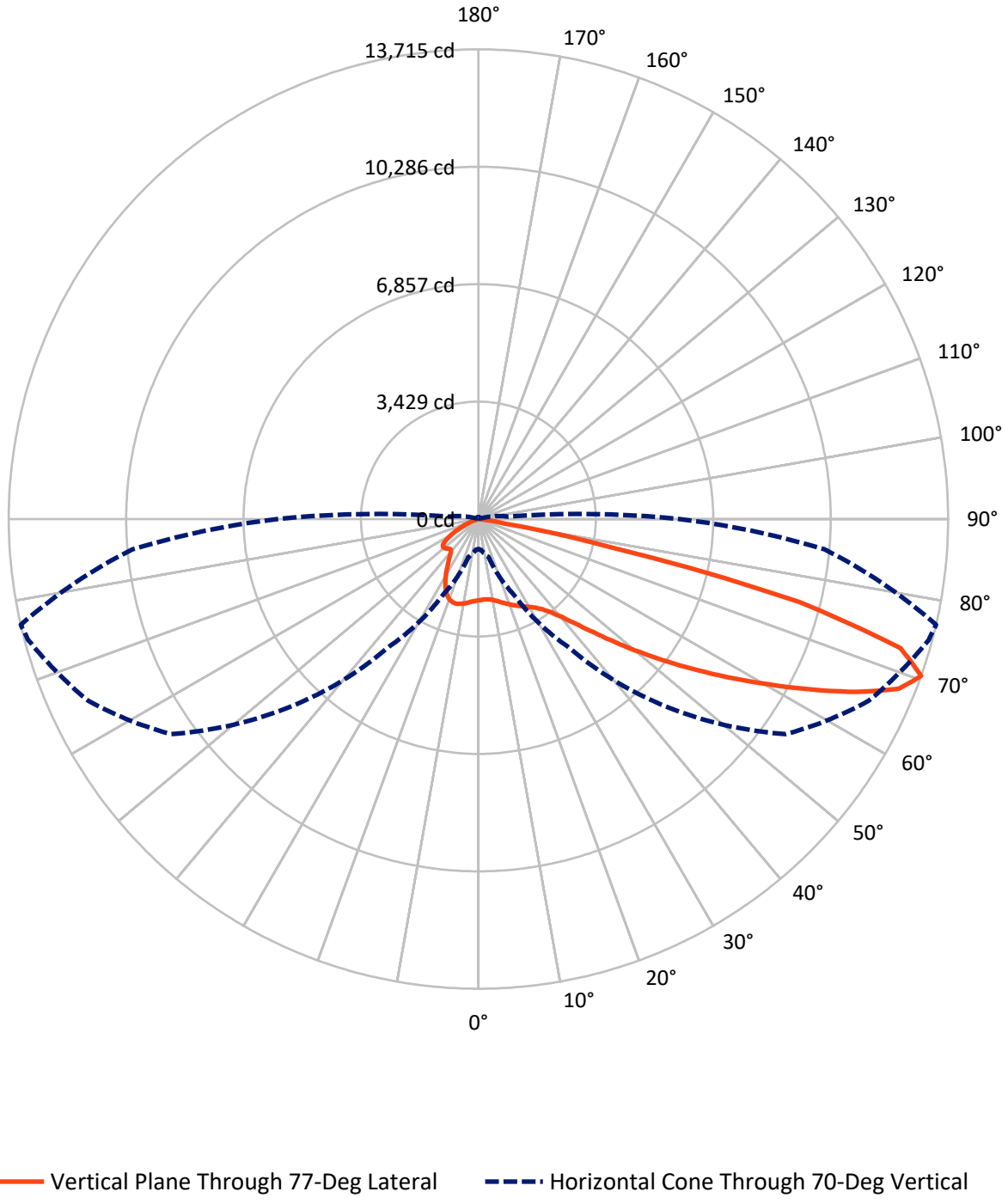
Based on 10 foot mounting height. Maximum calculated value = 27.9 fc
Type III - Medium - N/A

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REPORT NUMBER: P1200827
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Luminous Intensity Polar Plot



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Scaled Data Report

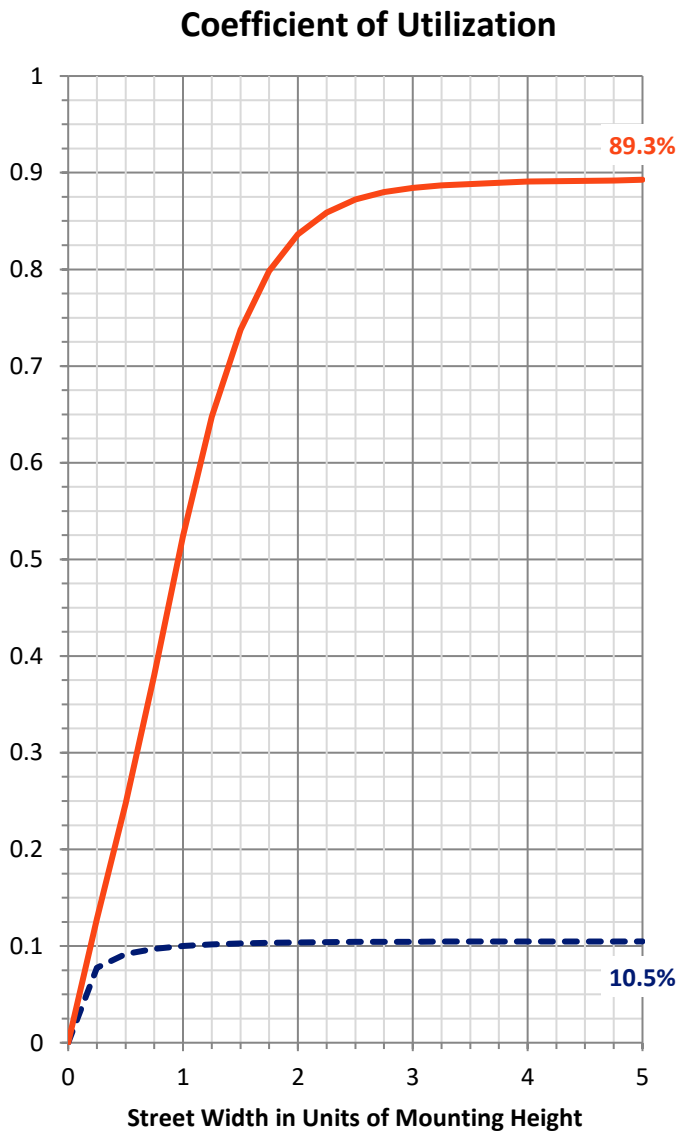
REPORT NUMBER: P1200827
CATALOG NUMBER: GPC-SB2D-830-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1604.5	0.0	1604.5
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	13616.5	0.0	13616.5
	% Fixture	89.5	0.0	89.5
Total	Lumens	15221.0	0.0	15221.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.6	1.3
10°-20°	485.7	3.2
20°-30°	751.3	4.9
30°-40°	1363.3	9.0
40°-50°	2573.4	16.9
50°-60°	3718.3	24.4
60°-70°	3958.0	26.0
70°-80°	2097.5	13.8
80°-90°	68.9	0.5
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°	15221.0	100.0
0°-180°	15221.0	100.0



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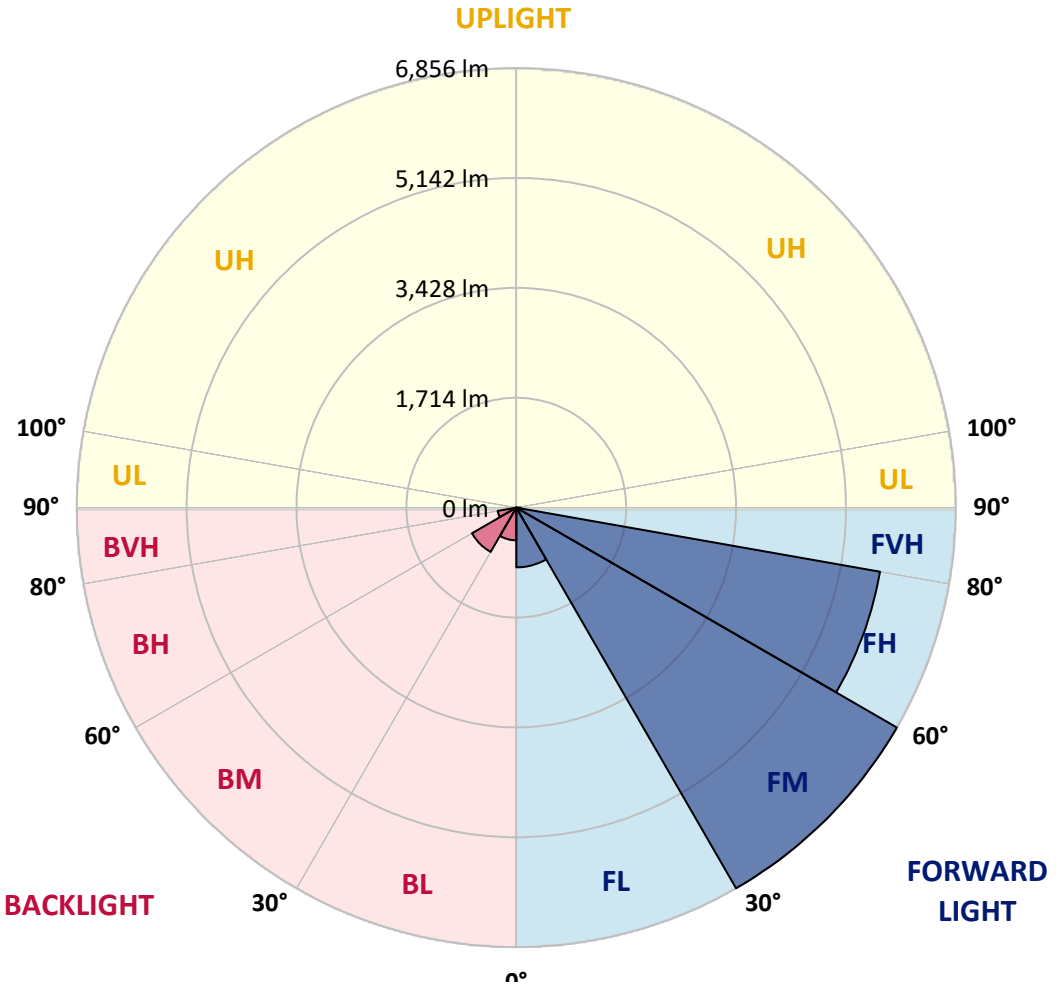
Scaled Data Report

REPORT NUMBER: P1200827
CATALOG NUMBER: GPC-SB2D-830-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	931.9	6.1			
FM	(30°-60°)	6856.2	45.0			
FH	(60°-80°)	5761.4	37.9			G3/7500
FVH	(80°-90°)	67.0	0.4			G1/100
BL	(0°-30°)	509.8	3.3	B2/1000		
BM	(30°-60°)	798.7	5.2	B1/1000		
BH	(60°-80°)	294.1	1.9	B1/500		G1/500
BVH	(80°-90°)	1.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	*2374.2*	2374.2
2.5°	2229.1	2249.2	2246.4	2259.8	2264.6	2283.8	2303.1	2329.0	2357.9	*2356.9*	2376.1
5°	2103.1	2123.3	2128.1	2146.4	2169.5	2199.3	2238.7	2290.6	2344.4	*2353.1*	2391.5
7.5°	1954.2	1975.3	1987.8	2024.3	2066.6	2128.1	2192.5	2268.5	2357.9	*2370.4*	2444.4
10°	1805.2	1824.4	1840.7	1892.6	1959.9	2051.2	2156.0	2265.6	2385.7	*2404.0*	2508.8
12.5°	1712.9	1731.1	1749.4	1794.6	1878.2	1989.7	2132.0	2279.0	2431.9	*2457.8*	2596.2
15°	1680.2	1696.5	1711.0	1751.3	1829.2	1956.1	2127.2	2306.9	2490.5	*2525.1*	2702.0
17.5°	1685.0	1693.7	1703.3	1734.0	1810.0	1940.7	2135.8	2355.0	2559.7	*2590.5*	2807.7
20°	1712.9	1717.7	1718.7	1739.8	1807.1	1938.8	2153.1	2401.1	2625.1	*2666.4*	2912.5
22.5°	1748.5	1750.4	1748.5	1762.9	1825.3	1953.2	2176.2	2456.9	2698.1	*2736.6*	3018.2
25°	1914.7	1878.2	1832.1	1804.2	1856.1	1981.1	2210.8	2531.8	2777.9	*2815.4*	3121.1
27.5°	2430.9	2326.1	2160.8	1975.3	1919.5	2021.4	2258.9	2607.8	2858.7	*2892.3*	3231.6
30°	3269.1	3131.6	2851.0	2432.8	2123.3	2106.0	2321.3	2683.7	2944.2	*2980.7*	3349.8
32.5°	4109.2	4075.6	3751.6	3173.0	2581.8	2294.4	2425.1	2786.6	3057.6	*3086.5*	3509.4
35°	4958.9	4890.7	4625.4	4053.4	3288.3	2677.9	2598.2	2921.1	3206.6	*3239.3*	3742.0
37.5°	5609.7	5568.3	5404.0	4933.0	4126.5	3270.1	2894.2	3129.7	3422.9	*3459.4*	4040.0
40°	6184.5	6165.2	6109.5	5799.0	5063.7	4044.8	3354.6	3452.7	3722.8	*3766.0*	4405.2
42.5°	6636.2	6681.4	6713.1	6626.6	6029.7	4929.1	3973.7	3906.4	4140.9	*4185.1*	4870.5
45°	7098.6	7114.0	7241.8	7366.8	6989.0	5853.8	4671.5	4437.9	4660.9	*4715.7*	5428.0
47.5°	7395.6	7457.1	7682.0	7902.1	7795.5	6770.8	5421.3	5065.6	5263.6	*5366.5*	6052.8
50°	7417.7	7534.0	7843.5	8227.0	8382.8	7643.6	6236.4	5780.7	5991.3	*6104.7*	6719.9
52.5°	7049.6	7230.3	7709.9	8271.3	8700.0	8382.8	7079.3	6495.9	6766.0	*6914.0*	7411.9
55°	5404.9	5641.4	7207.2	8031.0	8712.5	8943.1	7900.2	7240.8	7629.2	*7796.4*	8159.8
57.5°	4709.0	4828.2	5666.4	7613.8	8480.8	9169.0	8642.3	7950.2	8568.3	*8775.9*	8866.2
60°	3917.9	4074.6	4752.2	6931.3	8166.5	9191.1	9297.8	8865.3	9586.2	*9819.8*	9514.1
62.5°	2662.6	2832.7	3506.5	5758.6	7736.8	9180.6	9835.2	9807.3	10717.5	*10968.4*	10063.0
65°	1649.4	1756.1	2200.2	4702.3	7136.1	9192.1	10397.5	10951.1	11911.4	*12166.1*	10487.8
67.5°	1303.4	1352.4	1584.1	3610.3	6100.8	8932.6	10958.8	12026.7	13035.0	*13236.9*	10617.6
70°	*875.7*	*905.5*	*1152.5*	*2420.3*	*4538.9*	*7734.9*	*10948.2*	*12566.9*	*13613.7*	*13714.6*	*10144.7*
72.5°	461.4	484.5	673.8	1120.8	2741.4	5498.1	9228.6	11921.0	13037.9	*12886.0*	8671.1
75°	230.7	269.1	453.7	569.0	1170.8	3066.3	5730.8	9398.8	10261.9	*9673.7*	5563.5
77.5°	174.9	211.5	374.9	374.9	407.6	1032.3	2427.1	5126.2	4728.2	*3937.1*	1633.1
80°	111.5	144.2	327.8	283.6	170.1	262.4	632.5	1436.1	1004.5	*764.2*	297.0
82.5°	65.4	94.2	273.0	187.4	95.2	97.1	178.8	305.7	260.5	*202.8*	91.3
85°	26.0	61.5	187.4	74.0	37.5	24.0	53.8	65.4	53.8	*40.4*	23.1
87.5°	0.0	14.4	32.7	0.0	2.9	1.9	3.8	4.8	4.8	*3.8*	7.7
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: P1200827
CATALOG NUMBER: GPC-SB2D-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2384.8	2386.7	2392.5	2393.4	2380.0	2362.7	2355.9	2353.1	2341.5	2340.6	2342.5
5°	2413.6	2422.3	2413.6	2388.6	2329.0	2245.4	2182.0	2130.1	2083.0	2068.5	2059.9
7.5°	2471.3	2479.9	2454.0	2355.9	2206.0	2039.7	1889.7	1784.0	1688.9	1653.3	1638.9
10°	2553.9	2565.5	2483.8	2285.8	2020.5	1753.3	1499.5	1320.7	1181.3	1124.6	1100.6
12.5°	2657.8	2662.6	2500.1	2179.1	1779.2	1397.6	1038.1	846.8	722.8	676.7	662.3
15°	2772.1	2765.4	2502.0	2033.9	1450.5	988.1	677.7	556.5	506.6	491.2	491.2
17.5°	2892.3	2864.4	2463.6	1824.4	1090.0	675.7	502.7	473.9	465.2	461.4	460.4
20°	3010.5	2948.0	2393.4	1550.4	782.4	504.6	456.6	447.9	443.1	441.2	439.3
22.5°	3118.2	3011.5	2273.3	1232.3	568.1	446.0	431.6	423.9	415.2	411.4	410.4
25°	3223.0	3048.0	2104.1	935.3	454.7	417.2	405.6	391.2	379.7	374.9	373.0
27.5°	3324.8	3071.1	1892.6	692.1	405.6	390.3	369.1	348.9	340.3	338.3	336.4
30°	3433.5	3078.8	1652.3	516.2	375.8	356.6	325.9	302.8	298.0	298.9	298.9
32.5°	3566.1	3090.3	1410.1	422.9	350.8	316.2	279.7	255.7	251.8	255.7	254.7
35°	3724.7	3113.4	1176.5	389.3	328.7	274.9	235.5	215.3	211.5	214.4	213.4
37.5°	3940.0	3150.9	958.3	382.6	310.5	240.3	198.0	181.7	181.7	182.6	181.7
40°	4226.5	3250.8	763.2	377.8	300.9	214.4	167.3	160.5	163.4	165.3	165.3
42.5°	4575.4	3463.3	631.5	372.0	290.3	202.8	151.9	149.0	153.8	155.7	155.7
45°	4966.6	3732.4	585.4	362.4	280.7	210.5	145.1	141.3	147.1	148.0	149.0
47.5°	5371.3	3995.8	579.6	351.8	271.1	222.0	143.2	134.6	141.3	142.3	143.2
50°	5780.7	4167.8	585.4	335.5	255.7	222.0	144.2	127.8	133.6	136.5	137.5
52.5°	6193.1	4246.6	581.5	299.9	228.8	208.6	144.2	122.1	127.8	129.8	129.8
55°	6593.0	4231.3	522.9	247.0	194.2	184.6	140.3	117.3	121.1	122.1	122.1
57.5°	6909.2	4016.9	414.3	192.2	157.6	153.8	127.8	111.5	114.4	113.4	113.4
60°	7074.5	3545.9	296.1	148.0	124.0	121.1	112.5	103.8	105.7	100.9	100.0
62.5°	7076.5	2923.1	198.0	117.3	99.0	96.1	96.1	93.2	91.3	81.7	78.8
65°	6925.6	2231.9	131.7	93.2	79.8	75.0	80.7	79.8	73.1	59.6	57.7
67.5°	6583.4	1463.0	100.0	73.1	61.5	58.6	64.4	67.3	62.5	50.0	49.0
70°	*5879.8*	*851.6*	*82.7*	*56.7*	*46.1*	*43.3*	*51.9*	*57.7*	*51.9*	*40.4*	*38.4*
72.5°	4883.9	459.5	67.3	42.3	31.7	28.8	41.3	47.1	41.3	29.8	28.8
75°	3169.1	246.1	51.9	27.9	16.3	18.3	30.8	34.6	28.8	19.2	17.3
77.5°	1064.1	108.6	32.7	13.5	7.7	7.7	18.3	21.1	13.5	6.7	5.8
80°	237.4	45.2	13.5	5.8	2.9	2.9	3.8	3.8	1.9	0.0	0.0
82.5°	77.9	18.3	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.8	6.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.5	1.0	0.0	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	0.0


HS
SS

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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

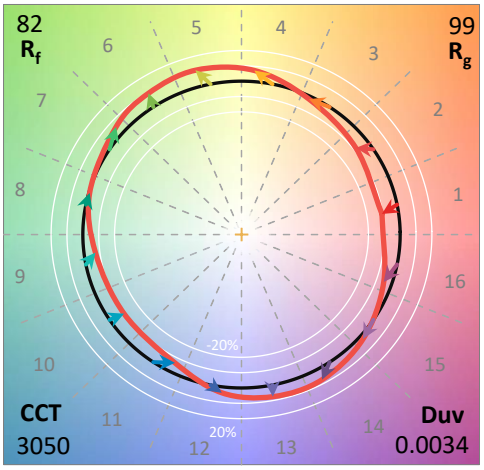
Test Information

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

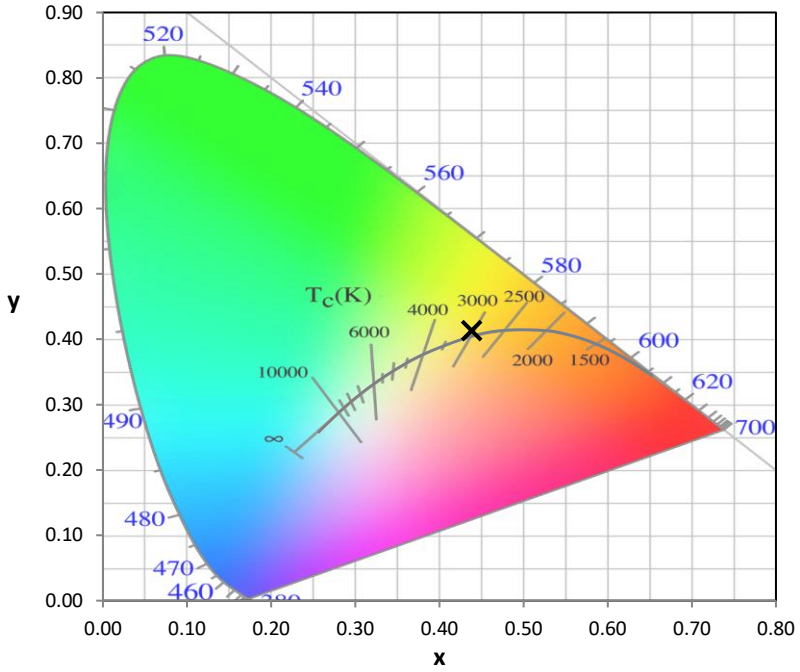
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

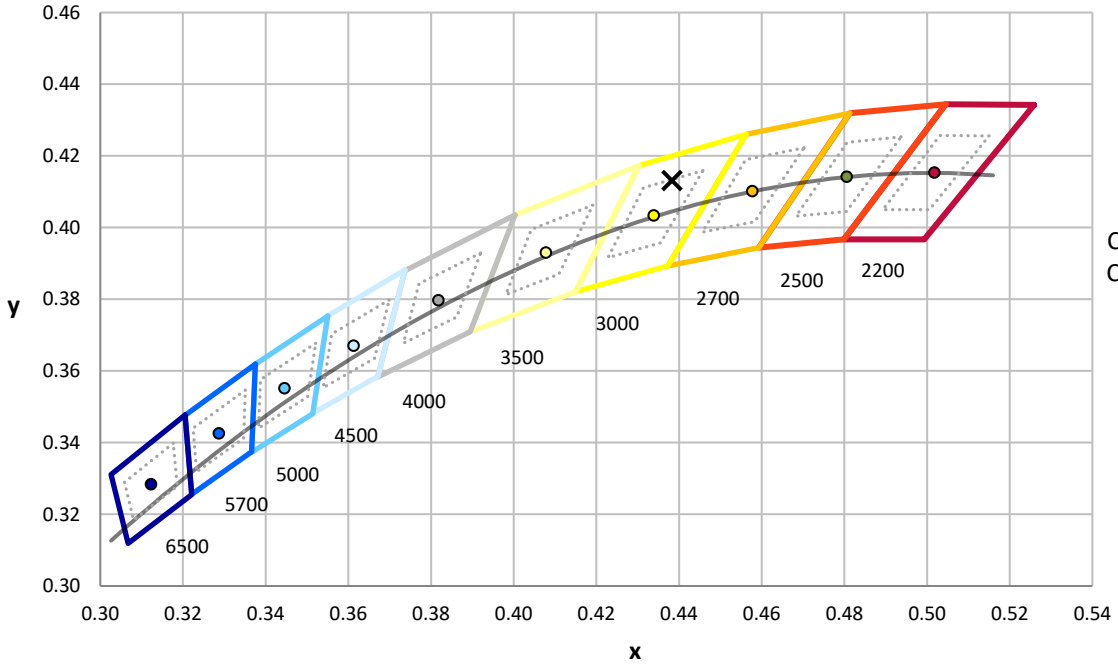
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

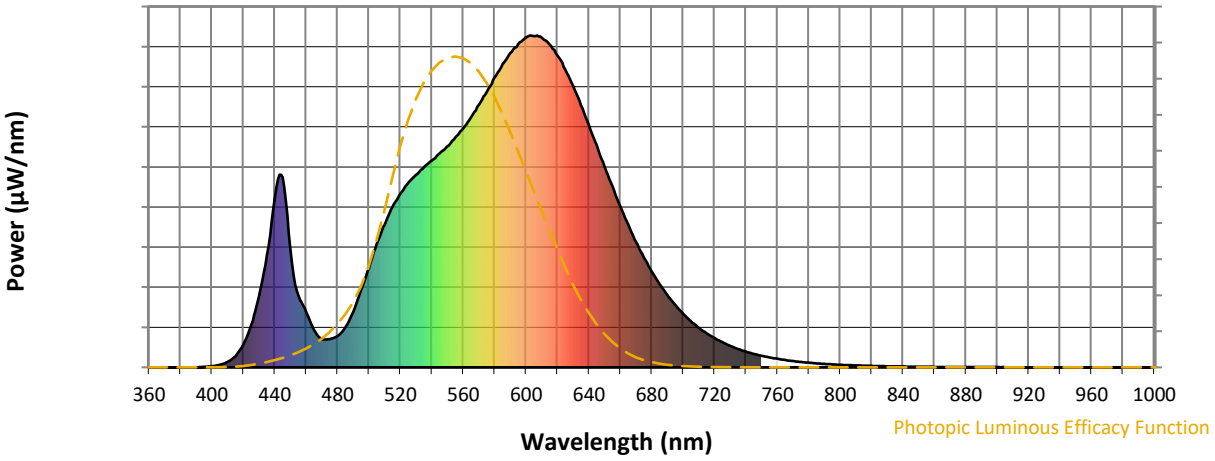


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

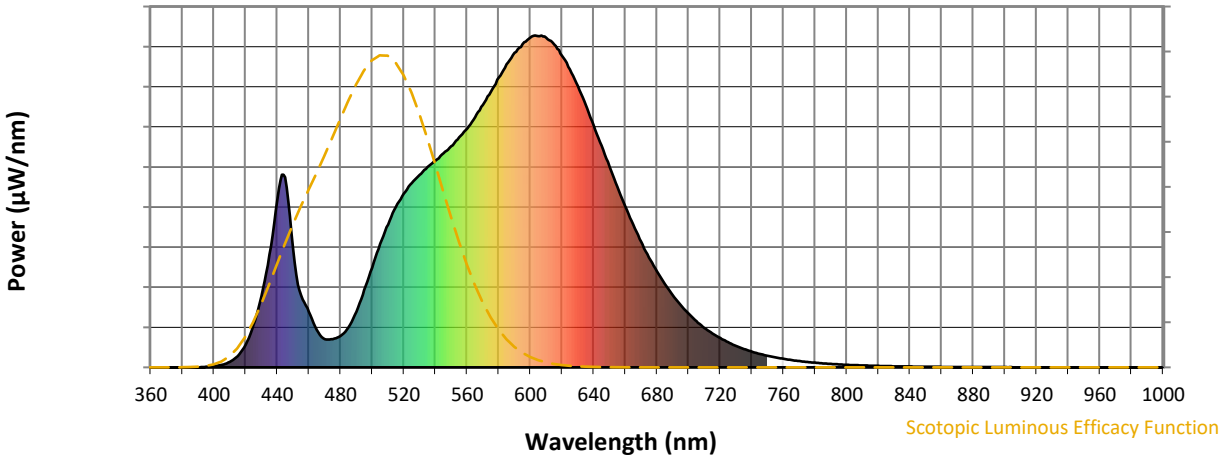


Photopic Lumens: NR

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

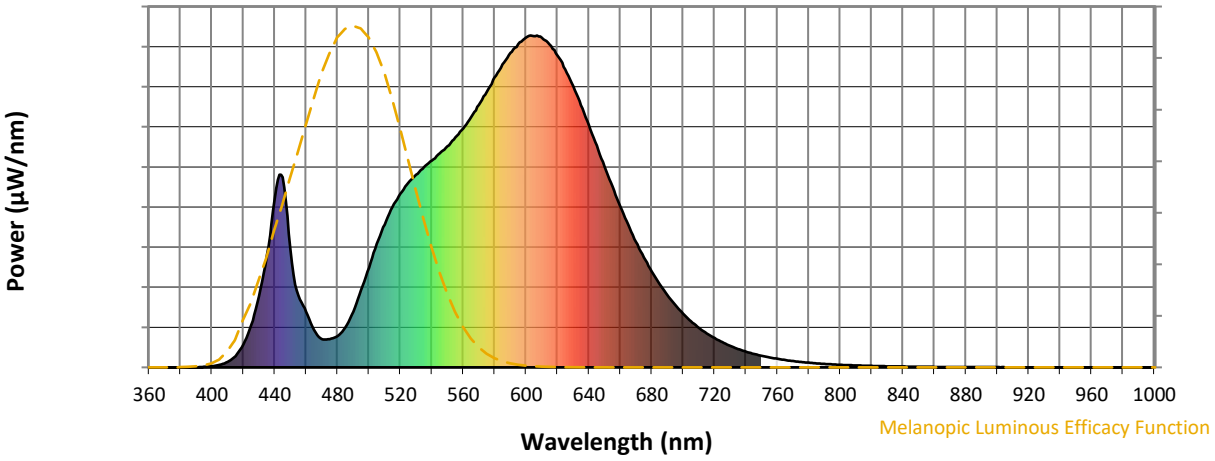


Scotopic Lumens: NR **S/P: 1.27**

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			

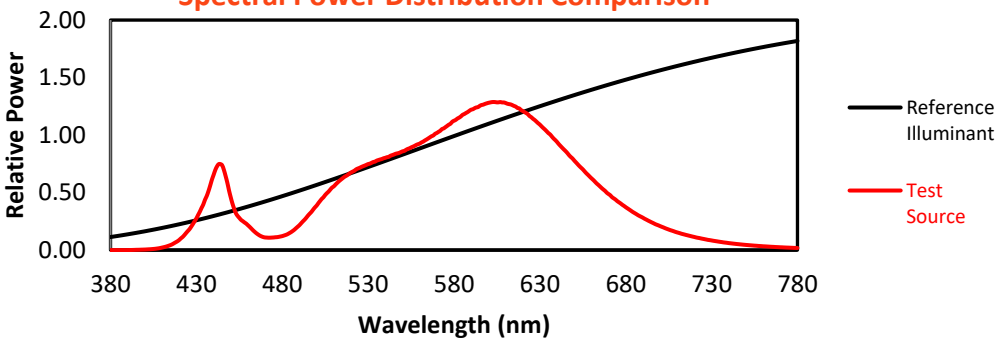
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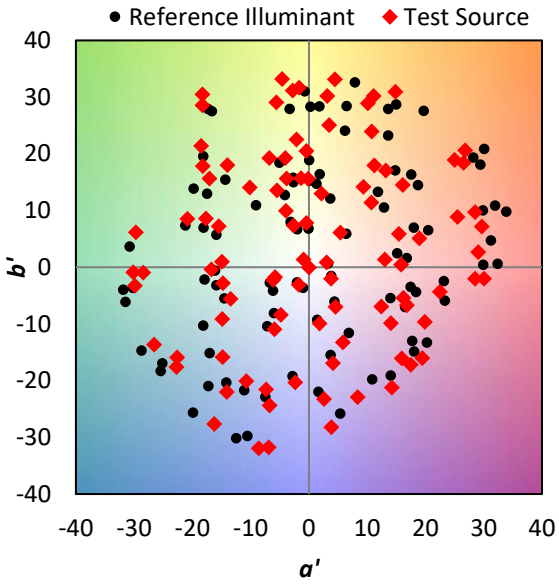
Summary

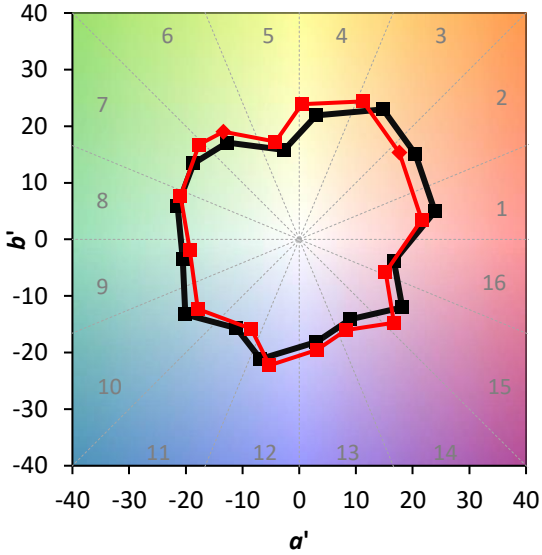
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

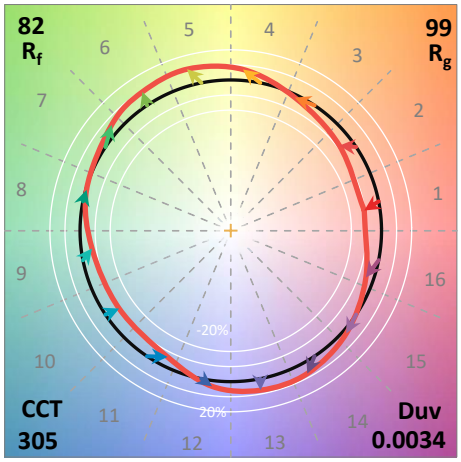
Spectral Power Distribution Comparison

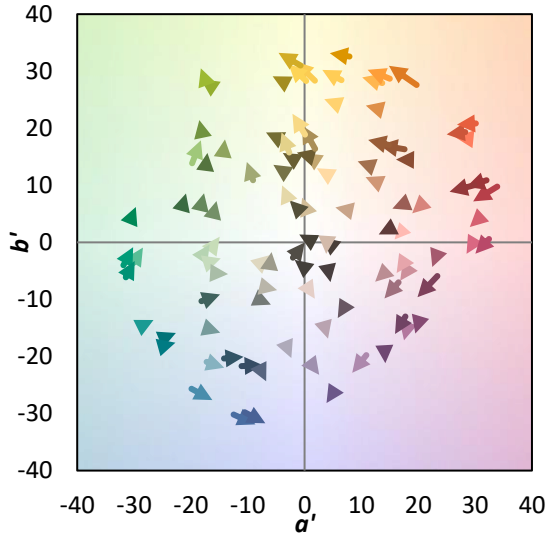


Color Vector Graphics







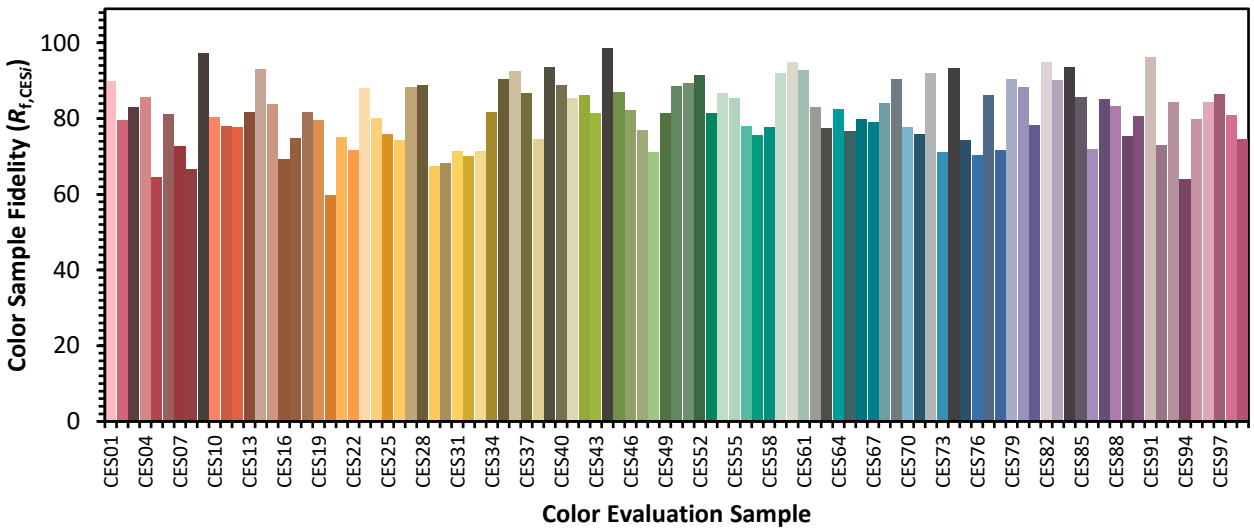


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Individual Sample Fidelity Index ($R_{f,i}$)

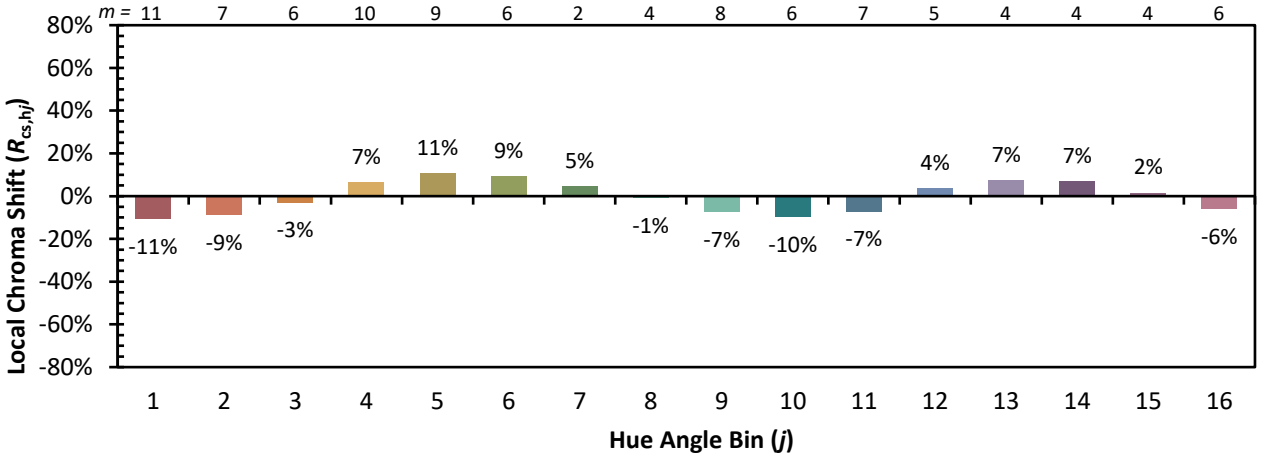
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

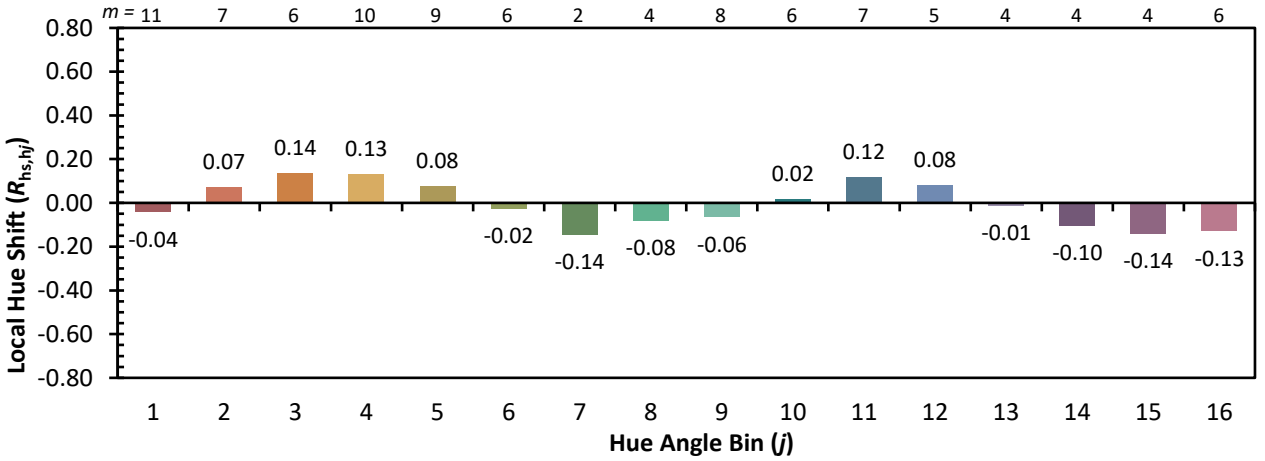


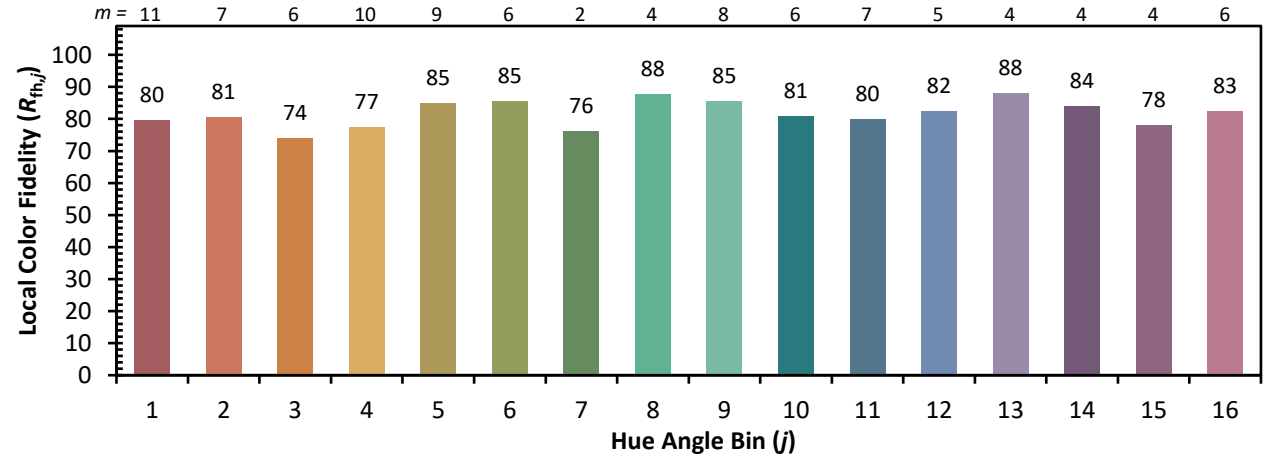
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Color Rendition by Hue-Angle Bin



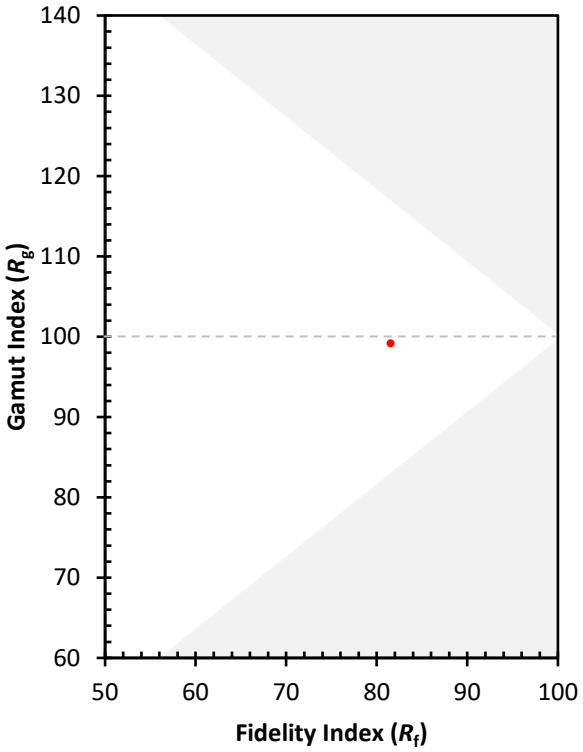


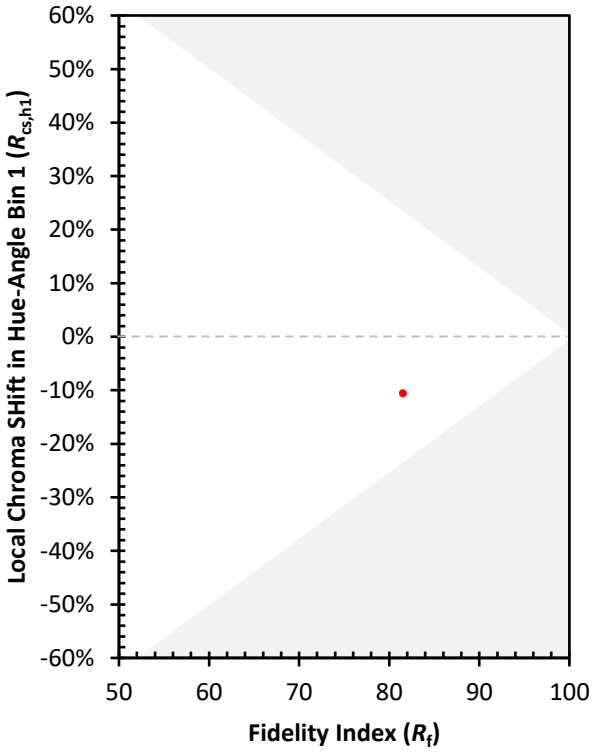


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Measure Comparisons





(END OF REPORT)