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: P1199857

Luminaire Tested: GPC-SB2B-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:	P1199857
	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-SB2B-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 450mA 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:	8625 lumens
Efficiency:	N/A
Efficacy:	116.7 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

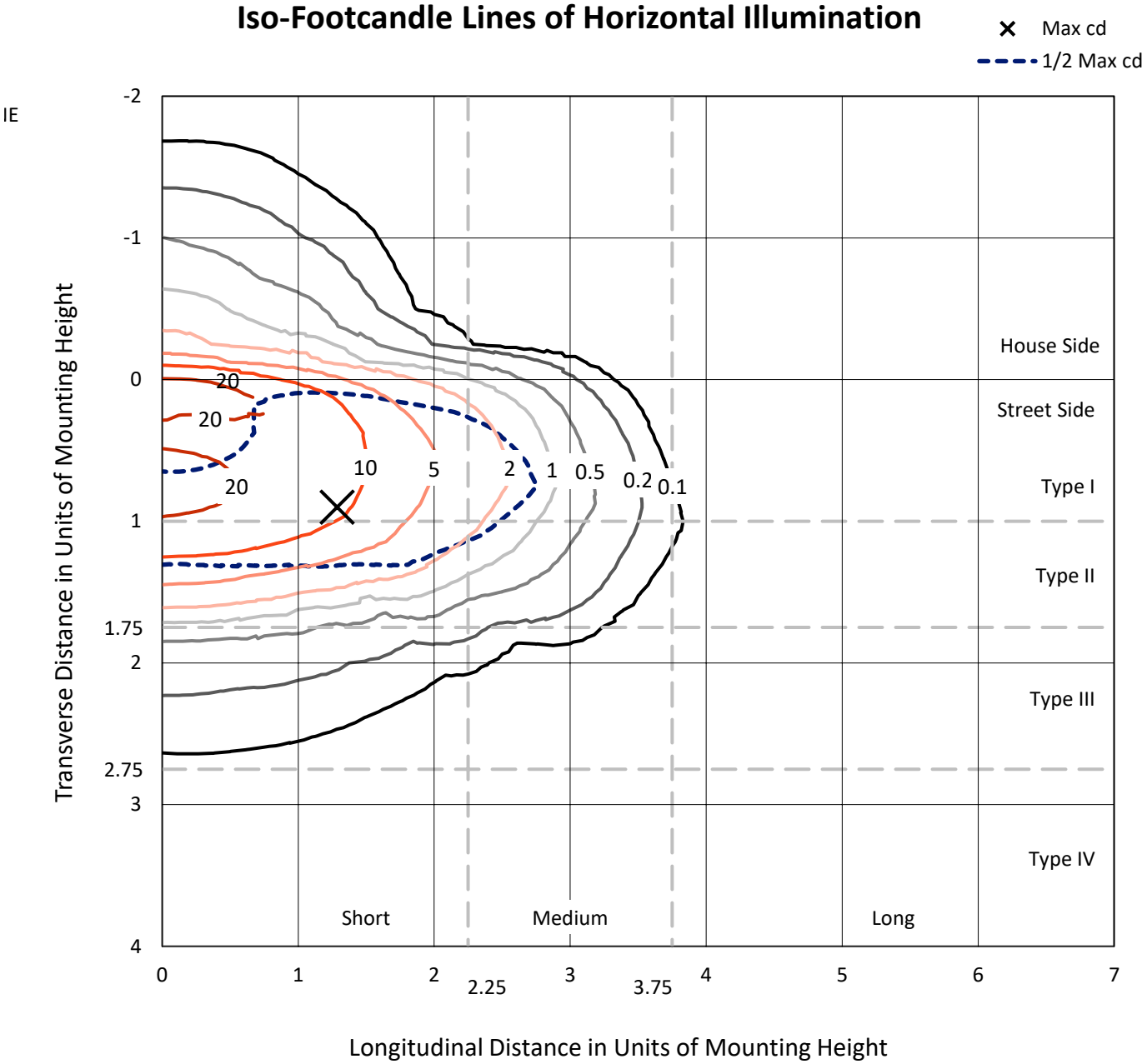


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Scaled Data Report

REPORT NUMBER: P1199857
CATALOG NUMBER: GPC-SB2B-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



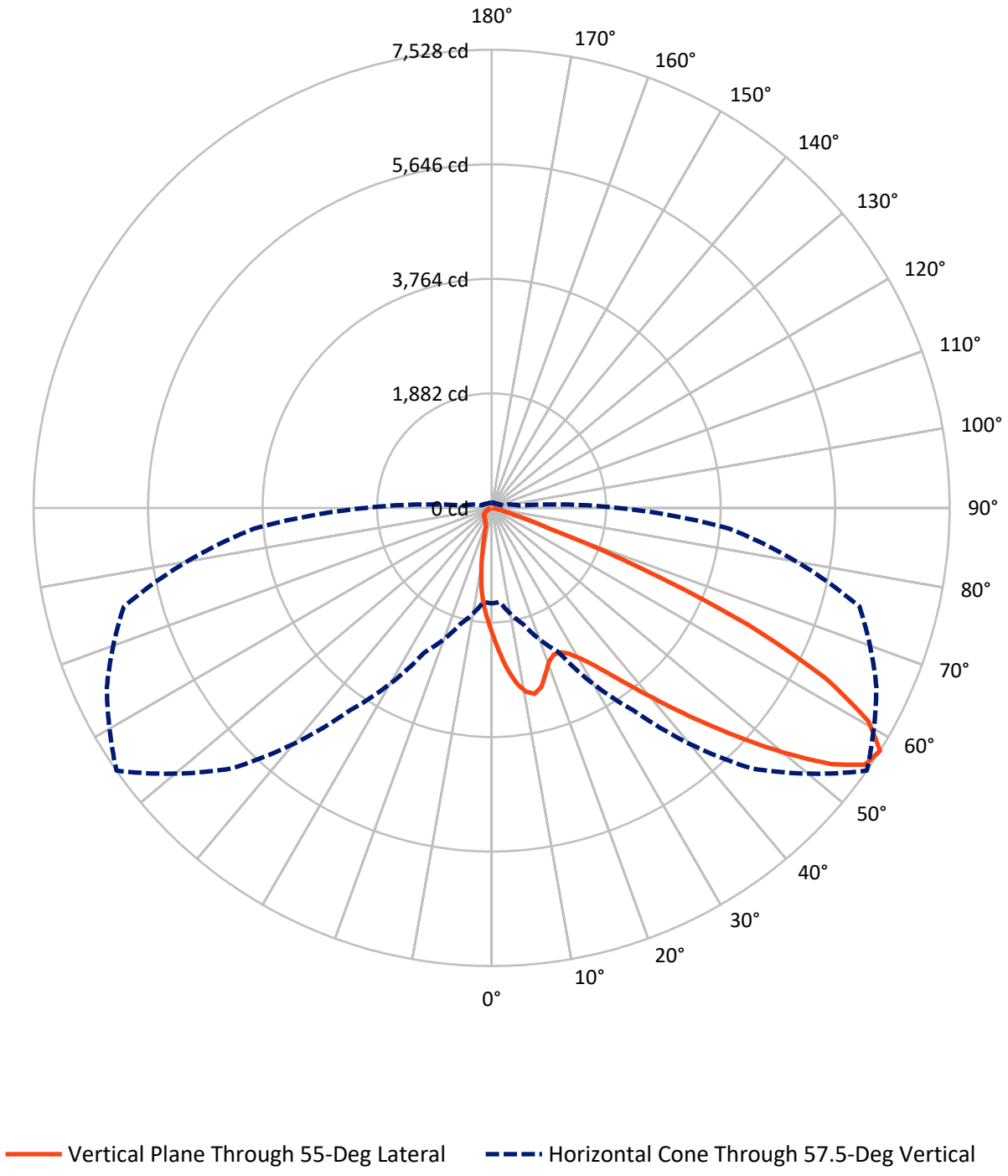
Based on 10 foot mounting height. Maximum calculated value = 29.8 fc
Type II - Short - N/A

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REPORT NUMBER: P1199857
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Luminous Intensity Polar Plot



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Scaled Data Report

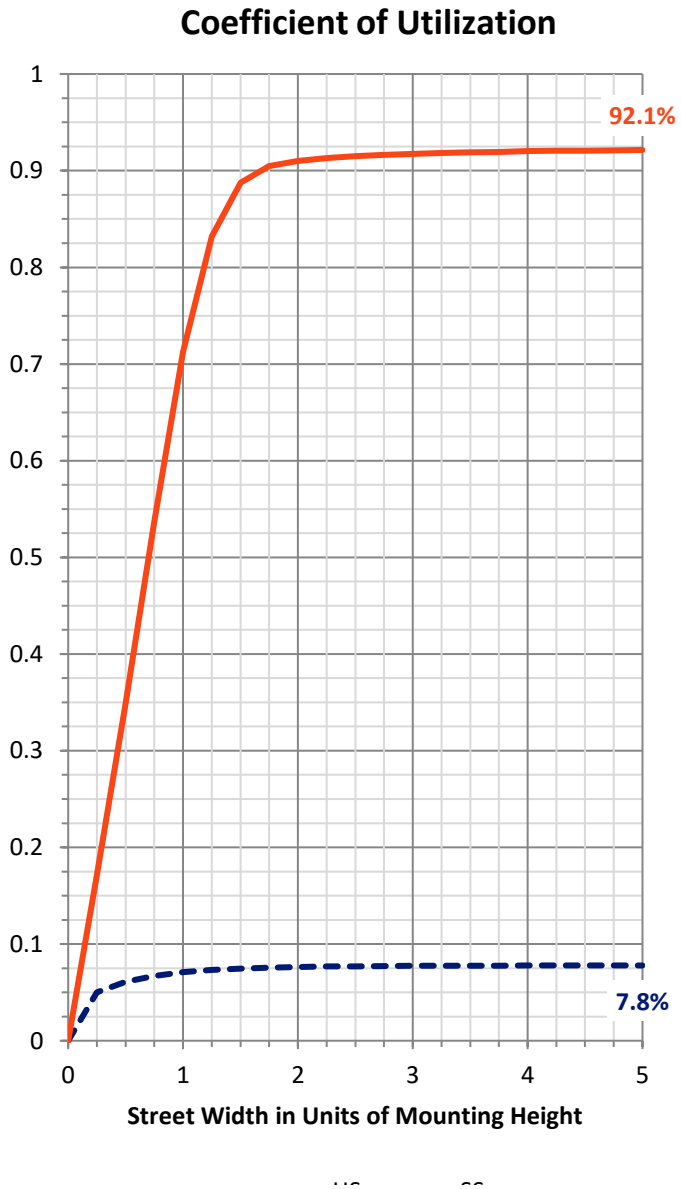
REPORT NUMBER: P1199857
CATALOG NUMBER: GPC-SB2B-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	673.6	0.0	673.6
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	7951.4	0.0	7951.4
	% Fixture	92.2	0.0	92.2
Total	Lumens	8625.0	0.0	8625.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.4	2.2
10°-20°	467.1	5.4
20°-30°	747.4	8.7
30°-40°	1265.0	14.7
40°-50°	2076.9	24.1
50°-60°	2282.6	26.5
60°-70°	1309.3	15.2
70°-80°	267.5	3.1
80°-90°	15.8	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°	8625.0	100.0
0°-180°	8625.0	100.0



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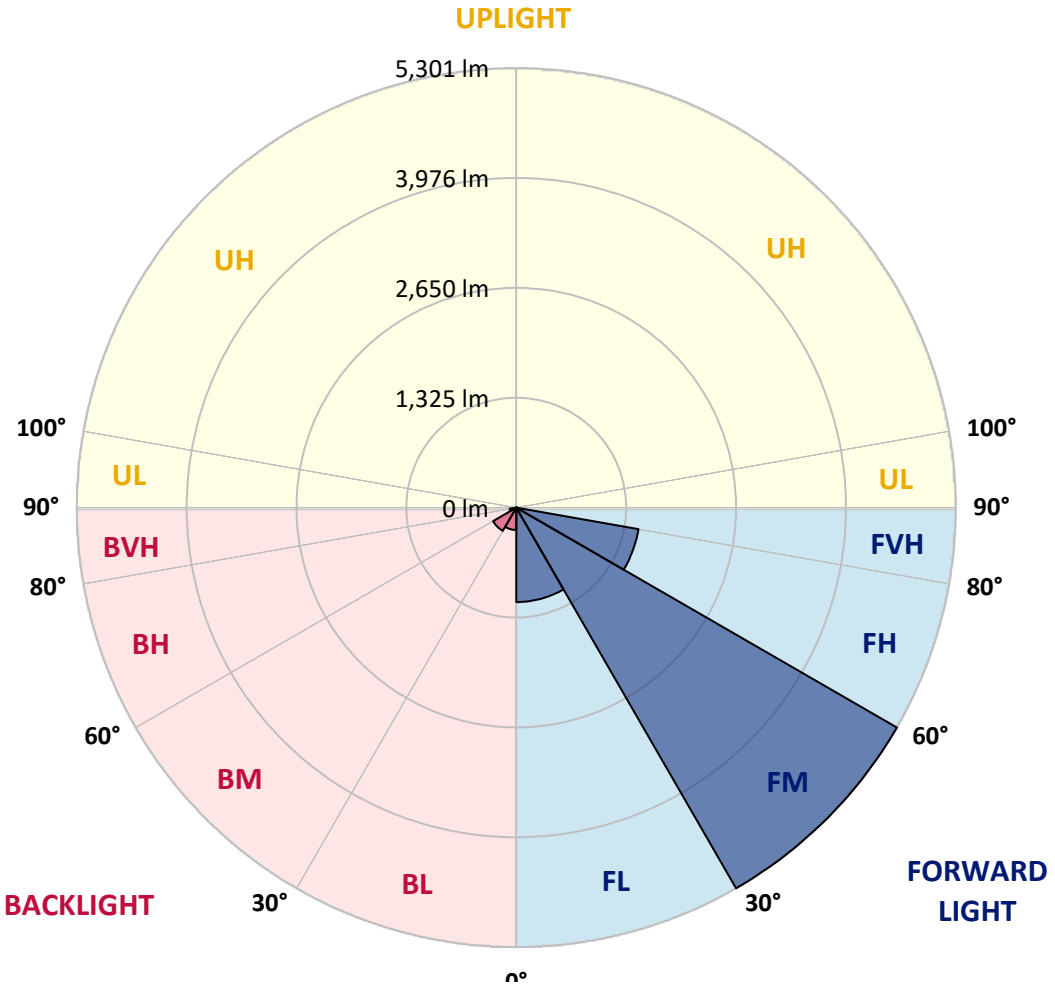
Scaled Data Report

REPORT NUMBER: P1199857
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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°)	1139.0	13.2			
FM	(30°-60°)	5301.0	61.5			
FH	(60°-80°)	1496.7	17.4			G1/1800
FVH	(80°-90°)	14.7	0.2			G1/100
BL	(0°-30°)	268.9	3.1	B1/500		
BM	(30°-60°)	323.5	3.8	B1/1000		
BH	(60°-80°)	80.1	0.9	B0/110		G0/110
BVH	(80°-90°)	1.1	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: P1199857
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4
2.5°	2578.9	2546.4	2541.6	2535.3	2473.6	2427.3	2360.3	2286.9	2204.5	2120.4	2083.2
5°	2979.3	2953.8	2949.0	2919.2	2849.0	2770.3	2651.2	2500.7	2347.0	2166.2	2088.5
7.5°	3057.0	3052.2	3074.0	3072.9	3063.4	3001.1	2900.6	2721.4	2490.6	2222.5	2102.3
10°	2710.8	2723.0	2787.9	2844.8	2998.5	3087.8	3066.0	2918.2	2638.4	2286.9	2117.8
12.5°	2395.4	2381.0	2427.3	2491.6	2670.3	2936.3	3134.6	3082.5	2807.6	2359.8	2140.6
15°	2197.5	2191.7	2217.8	2247.5	2383.7	2651.7	3054.9	3216.0	2970.3	2445.9	2175.2
17.5°	2134.3	2129.5	2137.4	2144.9	2233.2	2440.6	2865.0	3297.9	3126.1	2544.3	2213.5
20°	2185.8	2179.5	2178.4	2172.5	2209.2	2350.7	2693.2	3303.8	3266.0	2633.6	2246.5
22.5°	2336.4	2328.9	2302.8	2279.4	2282.6	2362.9	2616.6	3245.3	3371.3	2717.1	2267.2
25°	2609.2	2597.0	2542.7	2464.0	2414.0	2448.0	2628.3	3168.1	3471.8	2782.6	2257.1
27.5°	2950.6	2934.7	2865.0	2748.0	2633.6	2592.2	2712.9	3115.0	3555.3	2832.6	2235.3
30°	3285.1	3264.4	3195.8	3104.9	2937.9	2807.0	2865.5	3138.4	3654.8	2884.7	2206.6
32.5°	3646.3	3626.6	3535.6	3422.9	3284.6	3108.6	3074.5	3252.7	3776.6	2957.5	2186.4
35°	4103.1	4072.3	3943.0	3789.3	3642.5	3464.4	3357.5	3450.0	3938.8	3068.7	2197.5
37.5°	4623.2	4581.8	4442.4	4230.2	4038.8	3839.3	3702.1	3721.3	4176.5	3217.6	2232.1
40°	5113.6	5075.8	4947.1	4747.2	4506.8	4264.8	4118.5	4076.0	4504.6	3399.0	2292.7
42.5°	5407.7	5373.7	5319.4	5234.9	5032.2	4785.5	4600.9	4508.9	4892.9	3615.9	2366.7
45°	5424.2	5394.4	5467.3	5565.7	5525.8	5361.4	5136.5	4967.9	5282.7	3819.6	2443.3
47.5°	5160.4	5140.2	5361.4	5705.0	5876.2	5945.4	5738.0	5388.6	5604.5	3965.9	2474.6
50°	4441.4	4433.9	4889.2	5519.9	6009.7	6457.0	6372.5	5780.0	5853.9	4041.4	2444.8
52.5°	3851.0	3823.9	4089.3	4927.5	5815.6	6726.1	6992.6	6164.0	6028.4	4055.8	2375.2
55°	2920.8	2896.9	3229.8	3936.1	5189.6	6630.4	7446.2	6560.2	6153.3	4019.1	2250.2
57.5°	1566.8	1551.9	1972.6	2619.8	4056.8	6056.0	7528.1	6979.3	6258.6	3921.8	2075.2
60°	610.0	607.4	764.8	1271.1	2465.6	4926.9	7114.9	7230.8	6324.6	3802.1	1929.0
62.5°	369.1	377.1	402.6	570.7	1089.2	3060.7	6162.4	6944.7	6368.7	3692.5	1808.2
65°	305.3	305.8	309.0	392.0	521.7	1280.7	4639.2	6003.4	6259.7	3497.3	1637.0
67.5°	261.7	266.4	278.7	311.1	368.0	561.6	2670.9	4650.4	5596.5	3043.2	1370.0
70°	206.4	212.7	228.2	255.8	284.0	351.5	987.1	3094.2	4275.4	2293.8	1036.0
72.5°	173.9	173.4	181.4	207.9	225.5	247.3	379.7	1733.8	2484.7	1095.0	512.7
75°	134.6	139.9	150.0	173.9	184.5	179.2	205.8	633.4	890.3	331.9	174.4
77.5°	105.3	109.6	118.6	142.0	152.6	127.1	118.6	226.6	286.1	119.1	78.7
80°	47.3	51.1	80.8	104.8	124.4	87.8	64.4	115.9	127.1	54.2	39.9
82.5°	8.5	14.4	47.3	55.3	63.8	56.9	33.5	60.1	62.2	21.8	13.8
85°	0.5	1.1	16.5	20.2	25.5	18.6	10.1	23.9	20.7	7.4	5.3
87.5°	0.0	0.0	0.0	0.5	0.5	2.7	3.2	4.3	3.2	2.7	2.1
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: P1199857
CATALOG NUMBER: GPC-SB2B-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4	2078.4
2.5°	2044.9	1969.4	1896.0	1835.9	1800.8	1741.2	1701.9	1695.5	1679.0	1693.4
5°	2005.6	1870.5	1733.8	1611.5	1510.9	1381.2	1284.4	1243.4	1207.8	1220.0
7.5°	1986.9	1773.7	1560.9	1351.9	1137.1	929.6	775.4	711.1	662.1	669.0
10°	1961.9	1673.2	1339.7	1020.6	732.9	528.1	421.7	382.4	360.6	361.1
12.5°	1942.8	1553.0	1082.8	691.9	446.2	337.2	304.2	294.6	288.3	288.8
15°	1933.2	1411.5	829.1	461.1	319.1	285.6	277.6	273.4	269.1	268.6
17.5°	1917.3	1254.1	606.8	336.7	279.2	267.5	260.6	255.8	250.5	249.4
20°	1893.3	1075.4	443.6	284.5	261.7	252.6	243.0	236.7	230.3	229.2
22.5°	1849.2	886.6	340.9	263.3	248.9	238.8	227.1	219.6	213.3	212.2
25°	1767.3	709.5	287.2	250.0	237.7	225.5	212.7	202.6	196.8	195.7
27.5°	1663.6	557.4	260.6	237.7	223.4	212.2	197.8	188.3	183.0	181.9
30°	1541.3	429.2	245.2	223.9	206.4	196.8	184.0	176.0	172.8	172.8
32.5°	1409.4	343.0	238.8	210.1	191.5	180.8	170.7	167.5	166.5	165.9
35°	1285.4	297.8	235.6	198.9	178.2	168.1	163.8	164.3	166.5	166.5
37.5°	1175.4	283.5	234.0	190.9	166.5	157.4	160.1	164.9	162.7	162.7
40°	1075.9	285.1	232.9	185.1	156.9	151.6	156.9	153.2	147.9	147.3
42.5°	999.9	298.4	230.8	180.3	151.0	147.3	145.2	139.3	138.8	139.9
45°	944.5	310.1	230.3	178.2	144.7	137.7	135.1	129.2	139.9	142.5
47.5°	879.1	310.1	230.3	170.7	134.0	131.4	127.1	120.7	131.4	134.0
50°	794.6	290.4	221.2	162.2	125.5	123.9	116.5	108.5	106.4	108.0
52.5°	687.7	254.7	198.4	150.5	117.0	113.8	104.8	98.9	97.3	97.3
55°	565.9	213.3	167.5	133.5	108.0	102.1	95.7	93.1	91.5	90.4
57.5°	*460.0*	*175.0*	*134.6*	*118.6*	*99.5*	*92.0*	*89.9*	*86.7*	*84.0*	*82.4*
60°	377.6	137.7	111.2	105.3	90.9	84.0	83.5	79.2	72.3	71.3
62.5°	291.4	101.0	93.6	91.5	82.4	76.6	75.5	67.0	56.4	54.2
65°	205.8	78.7	75.5	80.3	73.4	68.1	65.4	52.7	41.5	39.9
67.5°	144.7	65.9	59.6	70.2	63.8	56.9	55.3	44.7	34.6	33.5
70°	103.2	53.7	48.9	60.1	51.1	50.0	46.8	37.2	28.2	27.1
72.5°	72.9	41.0	37.8	52.1	35.1	43.1	38.3	28.7	21.3	20.2
75°	53.7	29.3	26.6	30.3	25.5	32.4	27.1	19.1	13.3	12.8
77.5°	39.4	18.6	16.0	14.9	14.9	20.2	14.9	8.0	5.9	5.3
80°	27.7	8.5	7.4	6.4	5.9	4.8	2.1	1.1	0.5	0.5
82.5°	16.5	3.7	3.7	2.7	1.6	0.0	0.0	0.0	0.0	0.0
85°	3.7	1.6	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	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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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

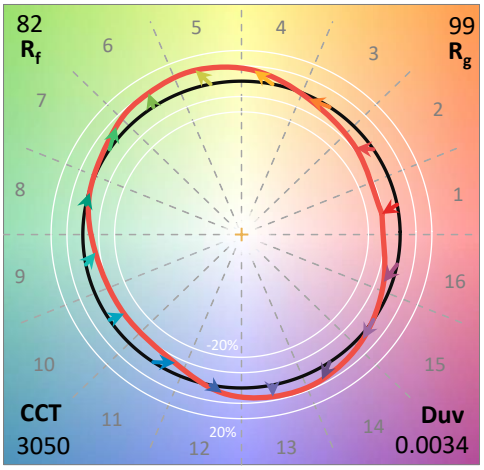
Test Information

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

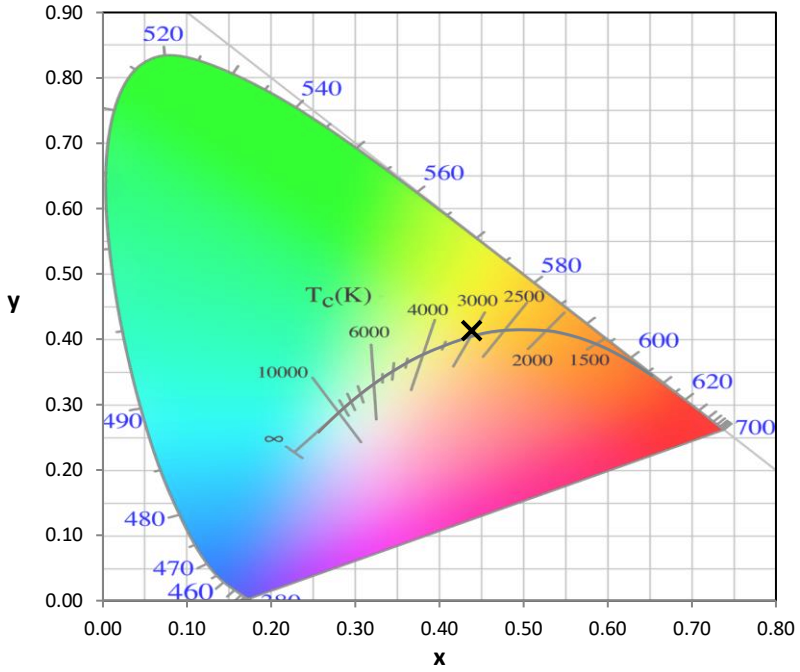
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

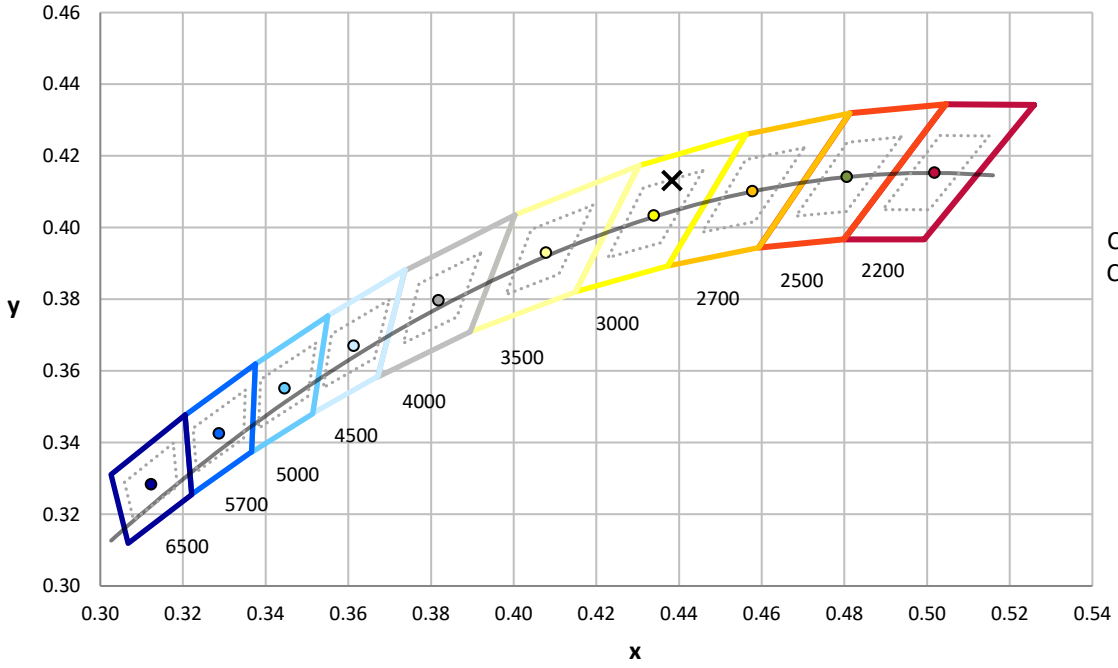
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

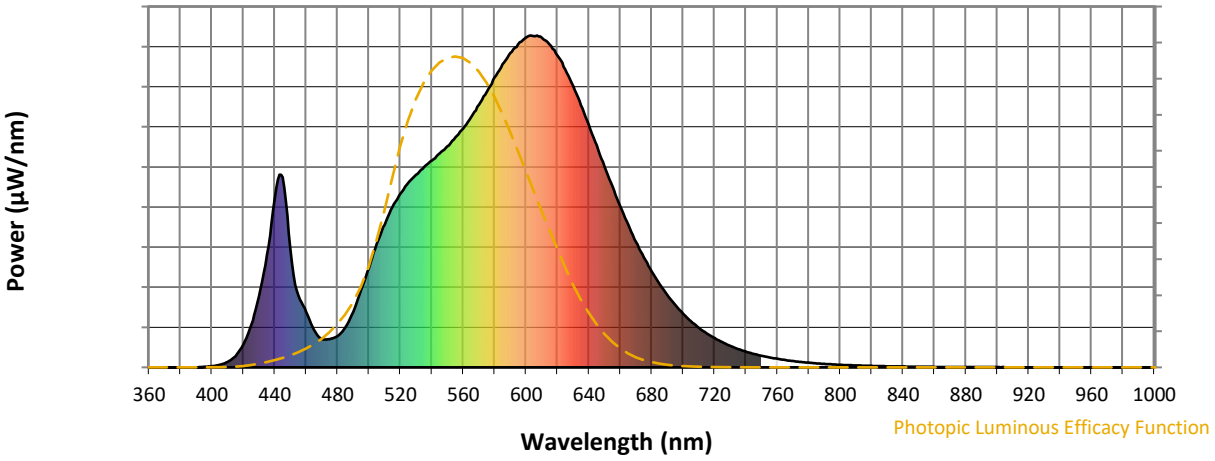


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

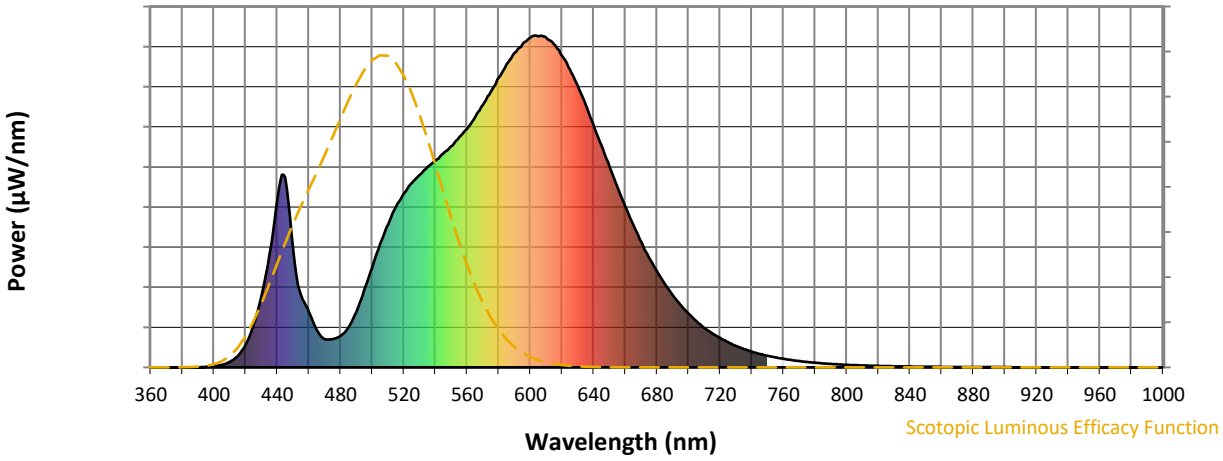


Photopic Lumens: NR

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

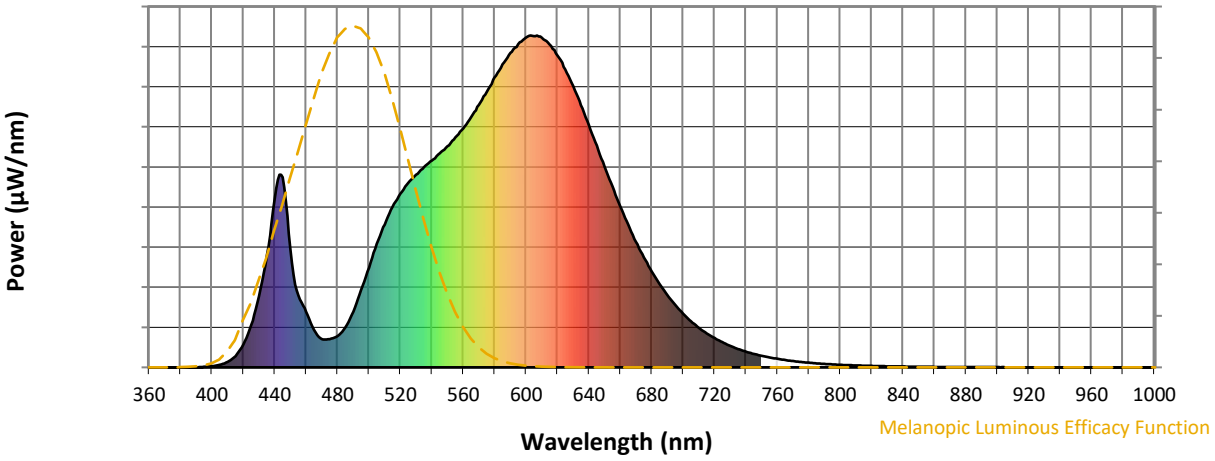


Scotopic Lumens: NR **S/P: 1.27**

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			

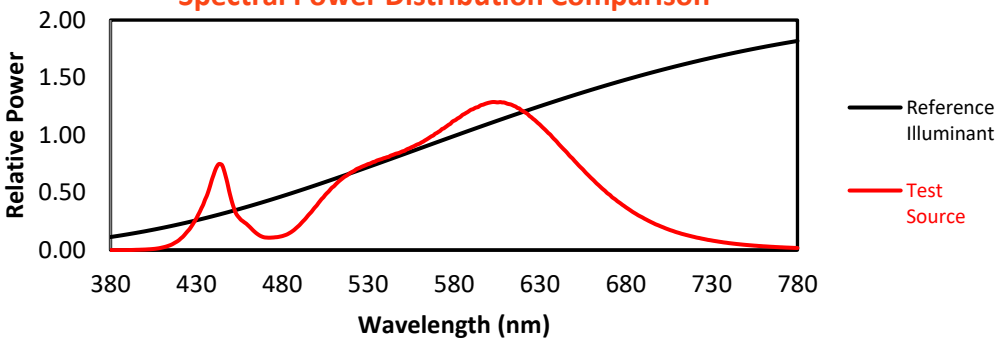
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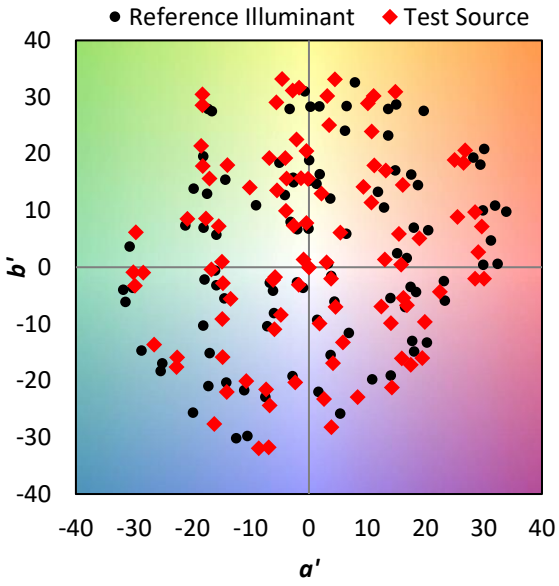
Summary

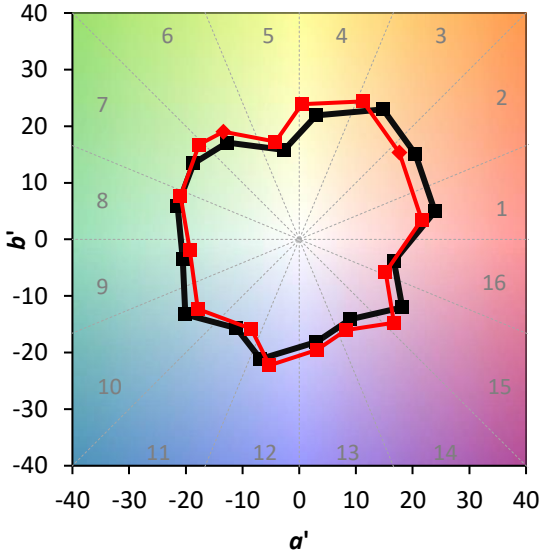
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

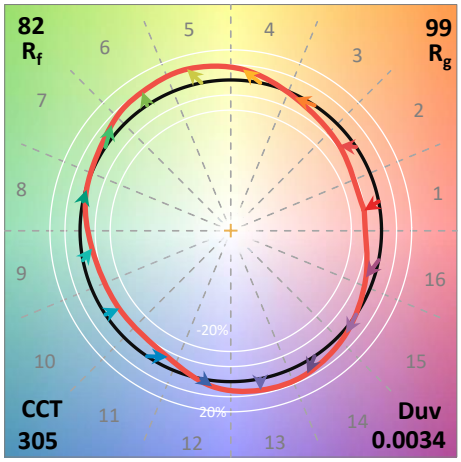
Spectral Power Distribution Comparison

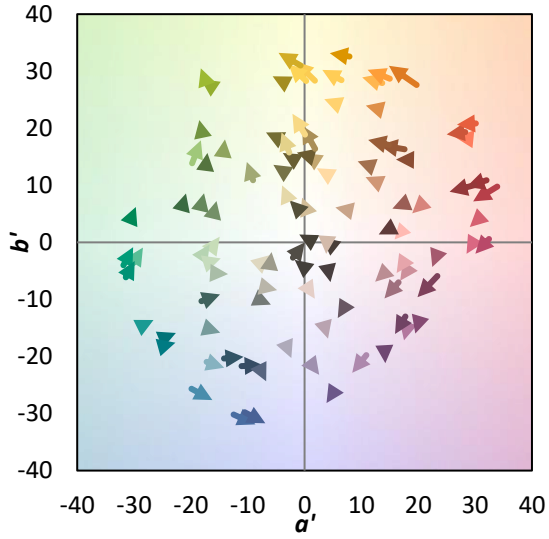


Color Vector Graphics







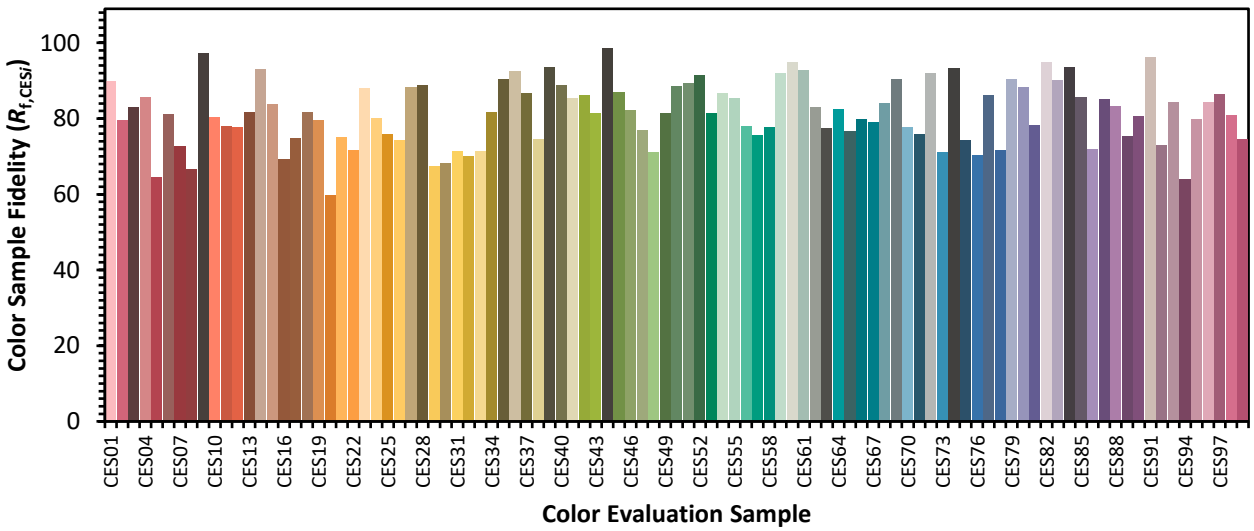


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Individual Sample Fidelity Index ($R_{f,i}$)

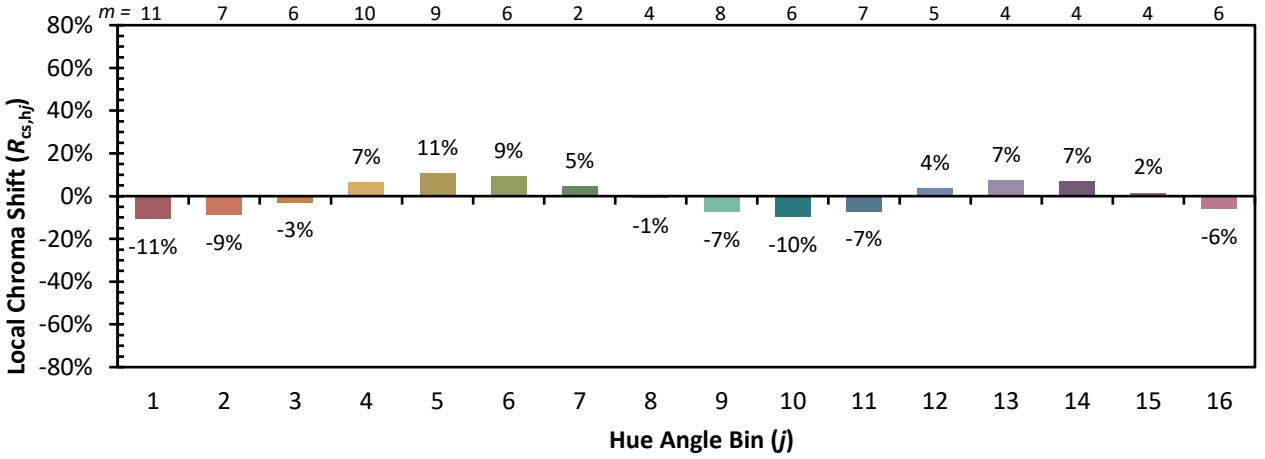
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

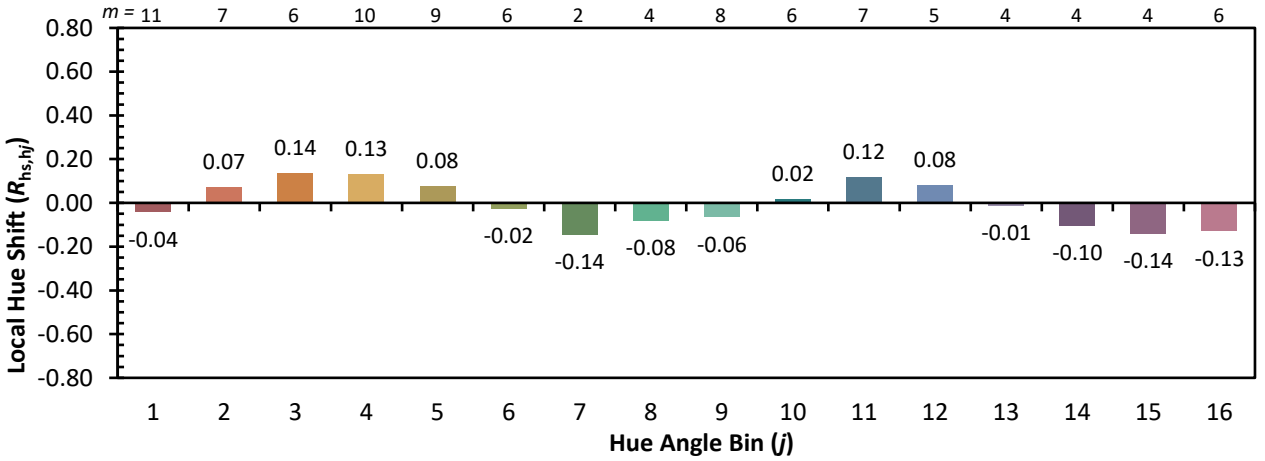


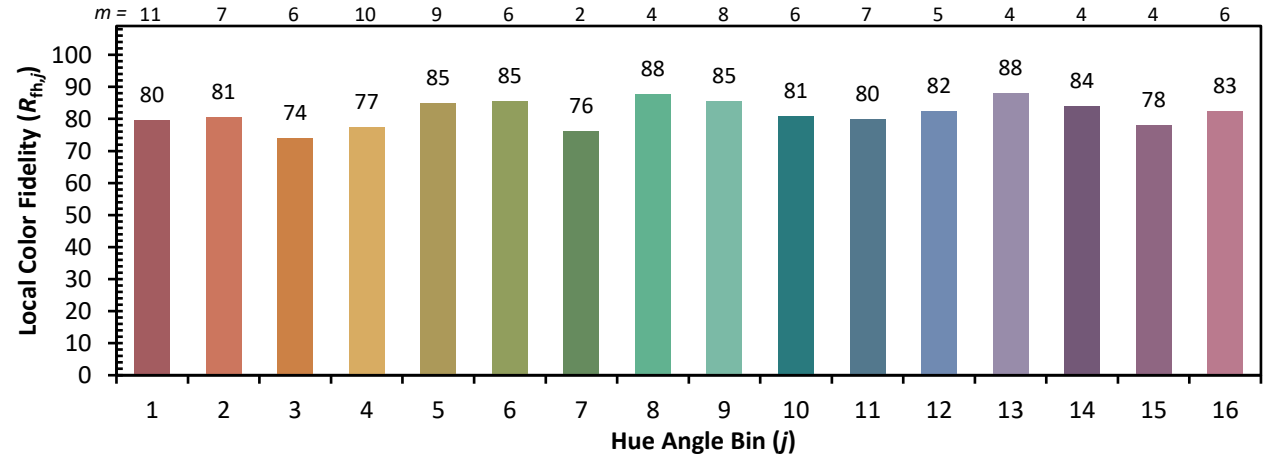
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Color Rendition by Hue-Angle Bin



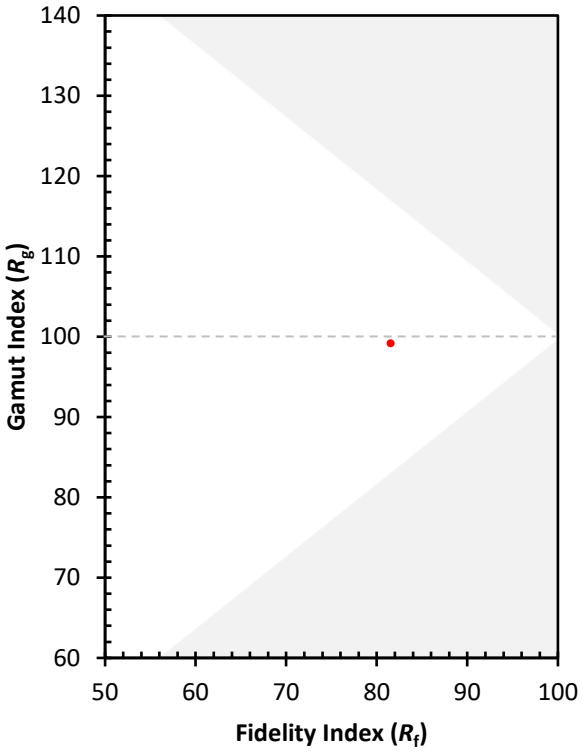


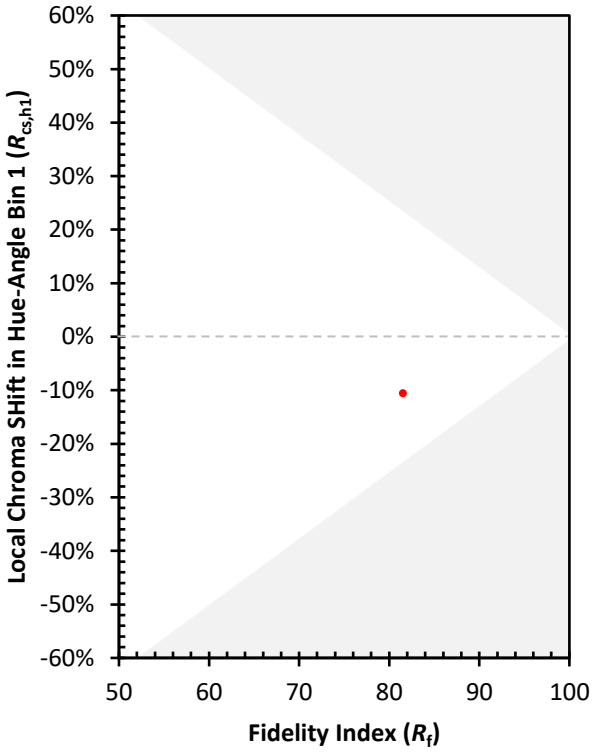


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Measure Comparisons





(END OF REPORT)