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: P1198905

Luminaire Tested: GPC-SB1D-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:	P1198905
	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-SB1D-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7838 lumens
Efficiency:	N/A
Efficacy:	98.5 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):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

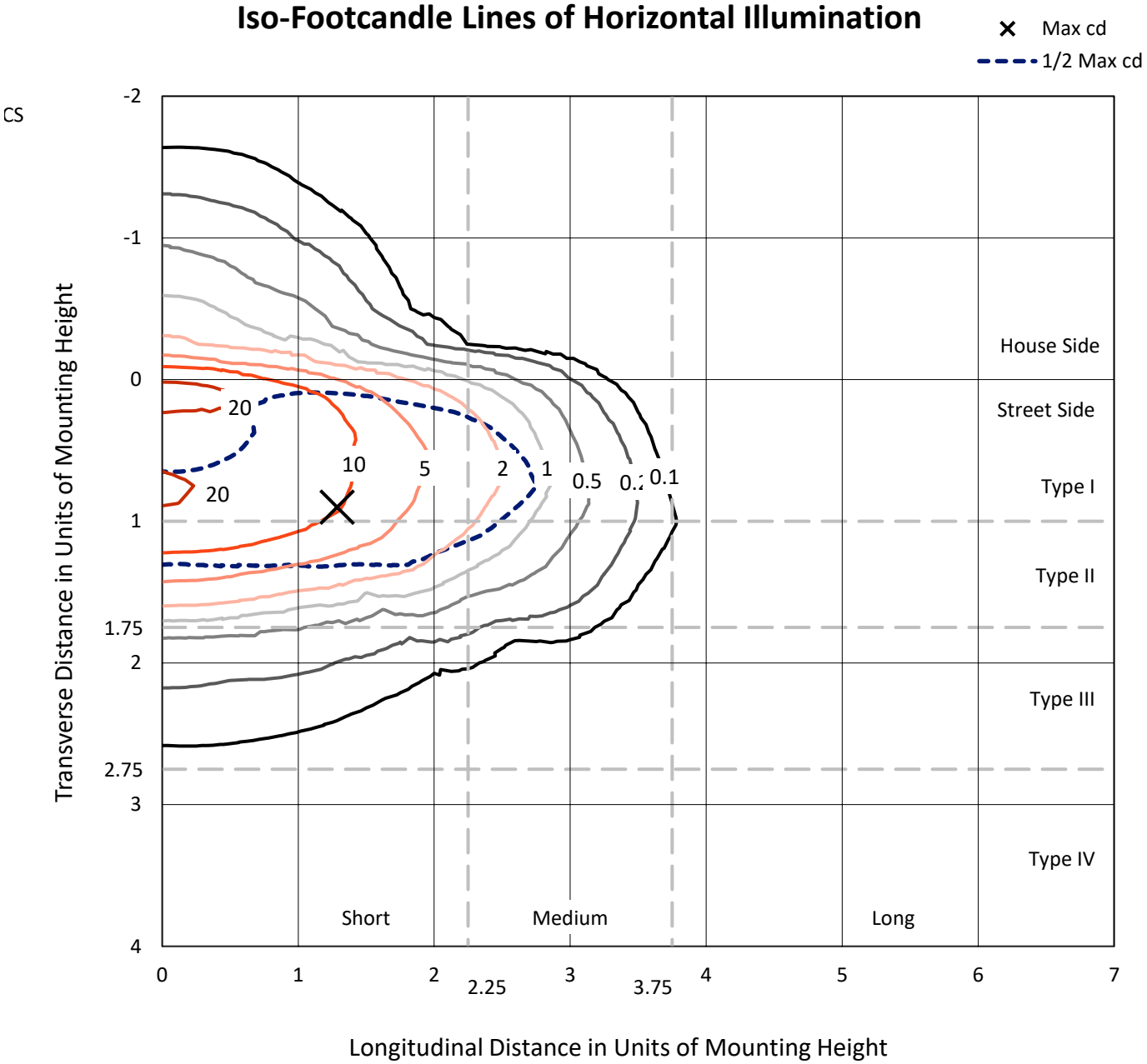


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REPORT NUMBER: P1198905
CATALOG NUMBER: GPC-SB1D-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



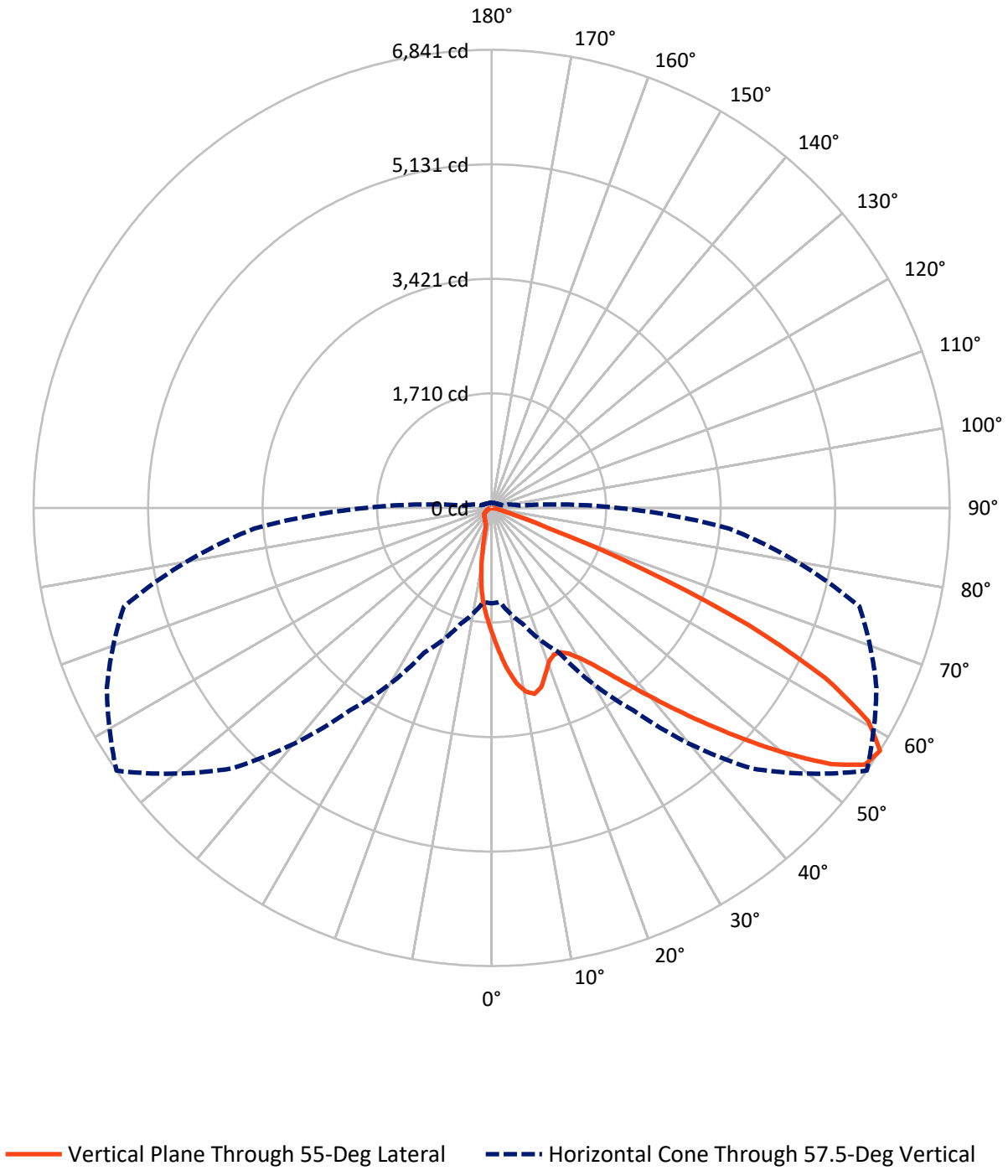
Based on 10 foot mounting height. Maximum calculated value = 27 fc
Type II - Short - N/A

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REPORT NUMBER: P1198905
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Luminous Intensity Polar Plot



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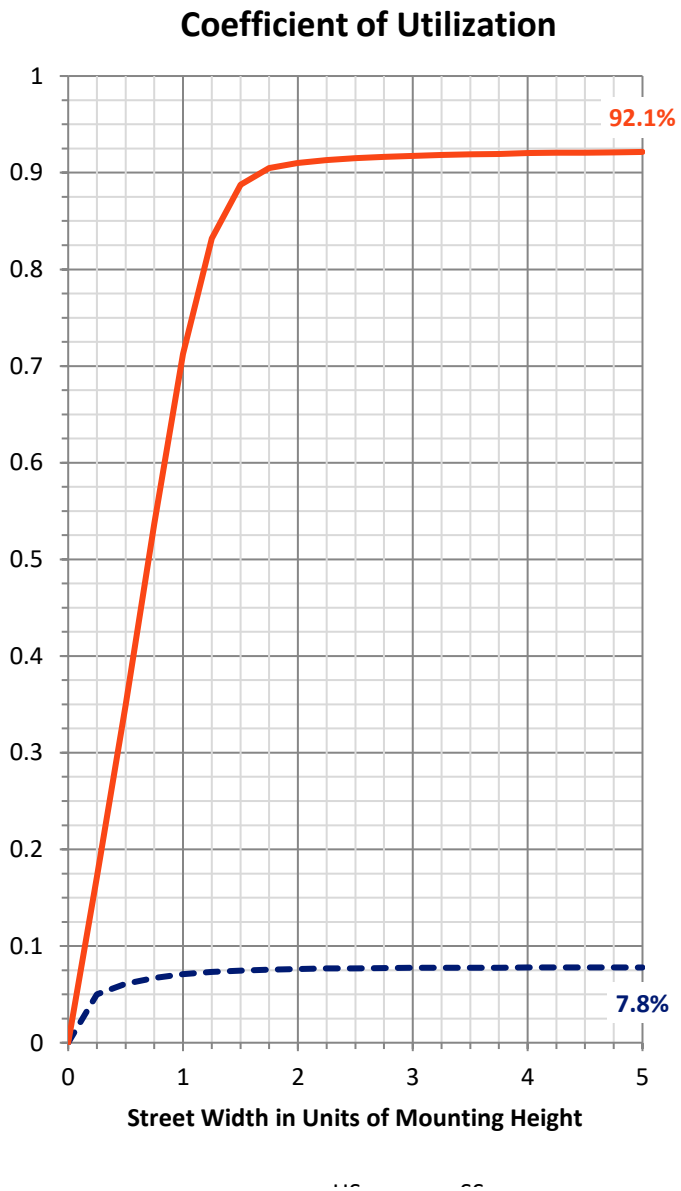
REPORT NUMBER: P1198905
CATALOG NUMBER: GPC-SB1D-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	612.1	0.0	612.1
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	7225.9	0.0	7225.9
	% Fixture	92.2	0.0	92.2
Total	Lumens	7838.0	0.0	7838.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.7	2.2
10°-20°	424.5	5.4
20°-30°	679.2	8.7
30°-40°	1149.6	14.7
40°-50°	1887.4	24.1
50°-60°	2074.3	26.5
60°-70°	1189.8	15.2
70°-80°	243.1	3.1
80°-90°	14.3	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°	7838.0	100.0
0°-180°	7838.0	100.0



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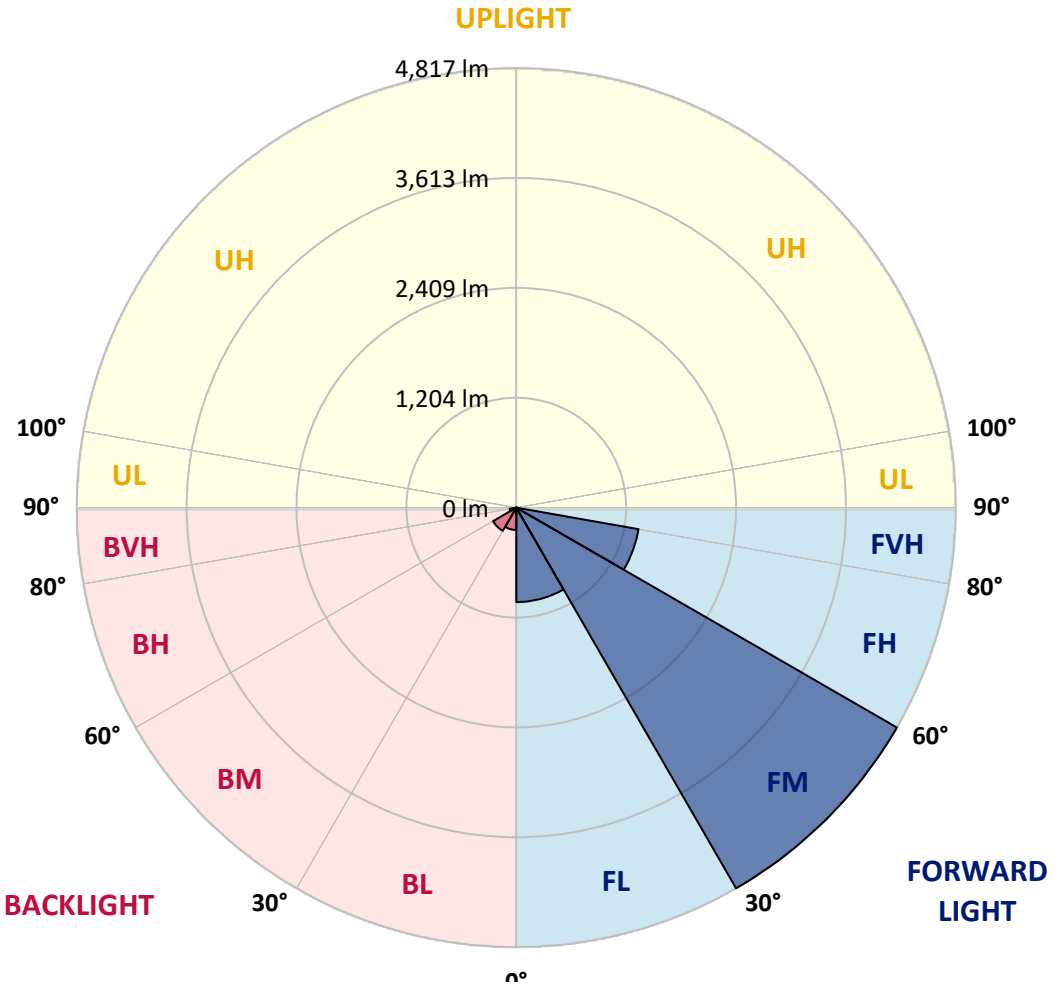
Scaled Data Report

REPORT NUMBER: P1198905
CATALOG NUMBER: GPC-SB1D-830-U-AFL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1035.1	13.2			
FM	(30°-60°)	4817.3	61.5			
FH	(60°-80°)	1360.2	17.4			G1/1800
FVH	(80°-90°)	13.4	0.2			G1/100
BL	(0°-30°)	244.4	3.1	B1/500		
BM	(30°-60°)	294.0	3.8	B1/1000		
BH	(60°-80°)	72.8	0.9	B0/110		G0/110
BVH	(80°-90°)	1.0	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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Scaled Data Report

REPORT NUMBER: P1198905
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8
2.5°	2343.6	2314.1	2309.7	2303.9	2247.9	2205.8	2144.9	2078.2	2003.3	1926.9	1893.1
5°	2707.5	2684.3	2679.9	2652.9	2589.1	2517.5	2409.3	2272.5	2132.8	1968.5	1897.9
7.5°	2778.1	2773.7	2793.5	2792.5	2783.8	2727.3	2636.0	2473.1	2263.3	2019.7	1910.5
10°	2463.4	2474.5	2533.5	2585.2	2724.9	2806.1	2786.3	2651.9	2397.7	2078.2	1924.5
12.5°	2176.8	2163.8	2205.8	2264.3	2426.7	2668.3	2848.6	2801.2	2551.4	2144.4	1945.3
15°	1997.0	1991.7	2015.4	2042.5	2166.2	2409.8	2776.1	2922.6	2699.3	2222.7	1976.7
17.5°	1939.5	1935.2	1942.4	1949.2	2029.4	2217.9	2603.6	2997.0	2840.9	2312.1	2011.5
20°	1986.4	1980.6	1979.6	1974.3	2007.7	2136.2	2447.5	3002.3	2968.0	2393.3	2041.5
22.5°	2123.2	2116.4	2092.7	2071.5	2074.4	2147.3	2377.9	2949.1	3063.7	2469.2	2060.3
25°	2371.1	2360.0	2310.7	2239.2	2193.7	2224.7	2388.5	2879.1	3155.0	2528.7	2051.2
27.5°	2681.4	2666.9	2603.6	2497.2	2393.3	2355.6	2465.4	2830.7	3230.9	2574.1	2031.3
30°	2985.4	2966.5	2904.2	2821.5	2669.8	2550.9	2604.1	2852.0	3321.3	2621.5	2005.2
32.5°	3313.6	3295.7	3213.0	3110.6	2984.9	2824.9	2794.0	2955.9	3432.0	2687.7	1986.9
35°	3728.7	3700.7	3583.2	3443.6	3310.2	3148.3	3051.1	3135.2	3579.4	2788.7	1997.0
37.5°	4201.4	4163.7	4037.1	3844.2	3670.2	3489.0	3364.3	3381.7	3795.4	2924.0	2028.4
40°	4647.0	4612.7	4495.7	4314.0	4095.5	3875.6	3742.7	3704.1	4093.6	3088.8	2083.5
42.5°	4914.3	4883.3	4834.0	4757.2	4573.1	4348.8	4181.1	4097.5	4446.4	3286.0	2150.7
45°	4929.3	4902.2	4968.4	5057.8	5021.6	4872.2	4667.8	4514.6	4800.7	3471.1	2220.3
47.5°	4689.5	4671.2	4872.2	5184.4	5340.1	5402.9	5214.4	4896.9	5093.1	3604.0	2248.8
50°	4036.1	4029.3	4443.0	5016.2	5461.4	5867.8	5791.0	5252.6	5319.8	3672.7	2221.8
52.5°	3499.6	3475.0	3716.1	4477.8	5285.0	6112.4	6354.5	5601.5	5478.3	3685.7	2158.5
55°	2654.3	2632.6	2935.1	3577.0	4716.1	6025.4	6766.8	5961.6	5591.9	3652.4	2044.9
57.5°	1423.8	1410.3	1792.6	2380.8	3686.7	5503.4	6841.2	6342.4	5687.6	3563.9	1885.9
60°	554.4	551.9	695.0	1155.1	2240.6	4477.4	6465.7	6571.0	5747.5	3455.2	1753.0
62.5°	335.4	342.7	365.9	518.6	989.8	2781.4	5600.1	6311.0	5787.6	3355.6	1643.2
65°	277.4	277.9	280.8	356.2	474.1	1163.8	4215.9	5455.6	5688.5	3178.2	1487.6
67.5°	237.8	242.1	253.3	282.7	334.4	510.4	2427.2	4226.0	5085.8	2765.5	1245.0
70°	187.5	193.3	207.3	232.5	258.1	319.5	897.0	2811.9	3885.3	2084.5	941.5
72.5°	158.0	157.6	164.8	189.0	204.9	224.7	345.1	1575.6	2258.0	995.1	465.9
75°	122.3	127.1	136.3	158.0	167.7	162.9	187.0	575.6	809.1	301.6	158.5
77.5°	95.7	99.6	107.8	129.0	138.7	115.5	107.8	205.9	260.0	108.3	71.5
80°	43.0	46.4	73.5	95.2	113.1	79.7	58.5	105.4	115.5	49.3	36.2
82.5°	7.7	13.0	43.0	50.3	58.0	51.7	30.4	54.6	56.5	19.8	12.6
85°	0.5	1.0	15.0	18.4	23.2	16.9	9.2	21.7	18.8	6.8	4.8
87.5°	0.0	0.0	0.0	0.5	0.5	2.4	2.9	3.9	2.9	2.4	1.9
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: P1198905
CATALOG NUMBER: GPC-SB1D-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8	1888.8
2.5°	1858.3	1789.7	1723.0	1668.4	1636.5	1582.3	1546.6	1540.8	1525.8	1538.9
5°	1822.6	1699.8	1575.6	1464.4	1373.1	1255.1	1167.2	1130.0	1097.6	1108.7
7.5°	1805.6	1611.8	1418.5	1228.6	1033.3	844.8	704.7	646.2	601.7	608.0
10°	1782.9	1520.5	1217.5	927.5	666.0	479.9	383.3	347.5	327.7	328.2
12.5°	1765.5	1411.3	984.0	628.8	405.5	306.4	276.5	267.8	262.0	262.4
15°	1756.8	1282.7	753.5	419.0	290.0	259.5	252.3	248.4	244.6	244.1
17.5°	1742.3	1139.6	551.5	305.9	253.7	243.1	236.8	232.5	227.6	226.7
20°	1720.6	977.2	403.1	258.6	237.8	229.6	220.9	215.1	209.3	208.3
22.5°	1680.5	805.7	309.8	239.2	226.2	217.0	206.4	199.6	193.8	192.8
25°	1606.0	644.7	261.0	227.2	216.0	204.9	193.3	184.1	178.8	177.9
27.5°	1511.8	506.5	236.8	216.0	203.0	192.8	179.8	171.1	166.3	165.3
30°	1400.6	390.0	222.8	203.5	187.5	178.8	167.2	160.0	157.1	157.1
32.5°	1280.8	311.7	217.0	190.9	174.0	164.3	155.1	152.2	151.3	150.8
35°	1168.2	270.7	214.1	180.8	161.9	152.7	148.9	149.3	151.3	151.3
37.5°	1068.1	257.6	212.7	173.5	151.3	143.1	145.5	149.8	147.9	147.9
40°	977.7	259.1	211.7	168.2	142.6	137.7	142.6	139.2	134.4	133.9
42.5°	908.6	271.1	209.8	163.8	137.3	133.9	131.9	126.6	126.1	127.1
45°	858.4	281.8	209.3	161.9	131.5	125.2	122.8	117.4	127.1	129.5
47.5°	798.9	281.8	209.3	155.1	121.8	119.4	115.5	109.7	119.4	121.8
50°	722.1	263.9	201.1	147.4	114.1	112.6	105.8	98.6	96.7	98.1
52.5°	624.9	231.5	180.3	136.8	106.3	103.4	95.2	89.9	88.4	88.4
55°	514.2	193.8	152.2	121.3	98.1	92.8	87.0	84.6	83.1	82.2
57.5°	*418.1*	*159.0*	*122.3*	*107.8*	*90.4*	*83.6*	*81.7*	*78.8*	*76.4*	*74.9*
60°	343.1	125.2	101.0	95.7	82.6	76.4	75.9	72.0	65.7	64.8
62.5°	264.9	91.8	85.1	83.1	74.9	69.6	68.6	60.9	51.2	49.3
65°	187.0	71.5	68.6	73.0	66.7	61.9	59.4	47.8	37.7	36.2
67.5°	131.5	59.9	54.1	63.8	58.0	51.7	50.3	40.6	31.4	30.4
70°	93.8	48.8	44.5	54.6	46.4	45.4	42.5	33.8	25.6	24.6
72.5°	66.2	37.2	34.3	47.4	31.9	39.1	34.8	26.1	19.3	18.4
75°	48.8	26.6	24.2	27.5	23.2	29.5	24.6	17.4	12.1	11.6
77.5°	35.8	16.9	14.5	13.5	13.5	18.4	13.5	7.2	5.3	4.8
80°	25.1	7.7	6.8	5.8	5.3	4.3	1.9	1.0	0.5	0.5
82.5°	15.0	3.4	3.4	2.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	3.4	1.4	1.4	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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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

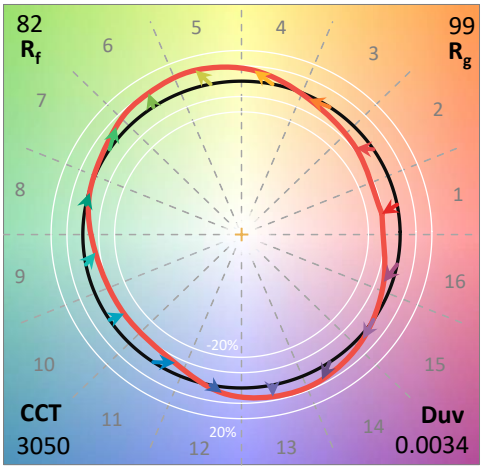
Test Information

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

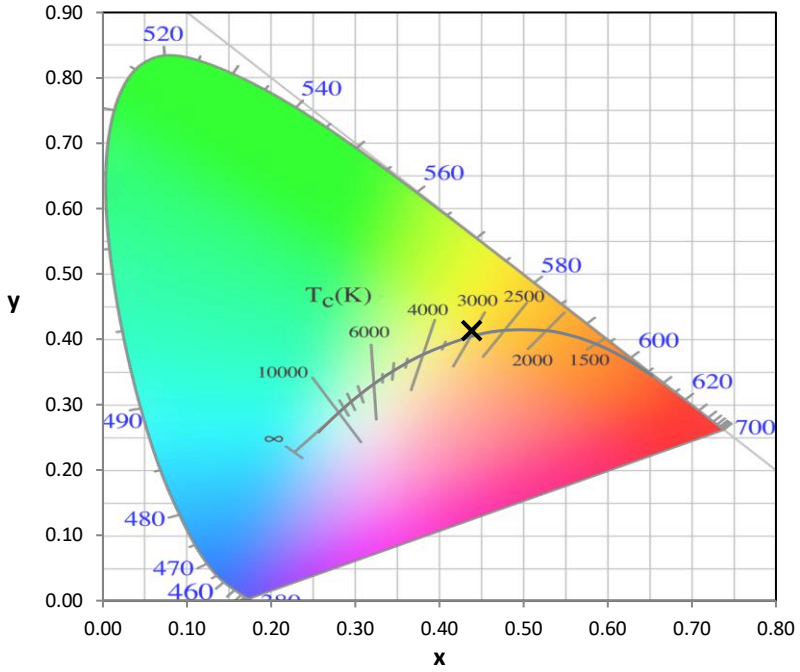
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

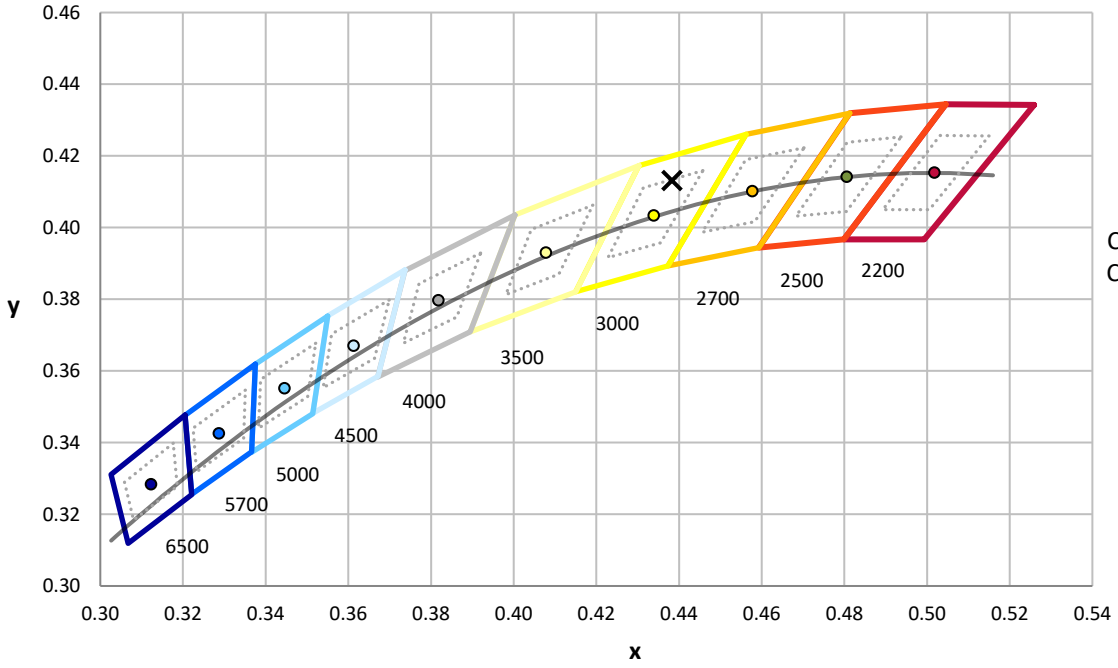
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

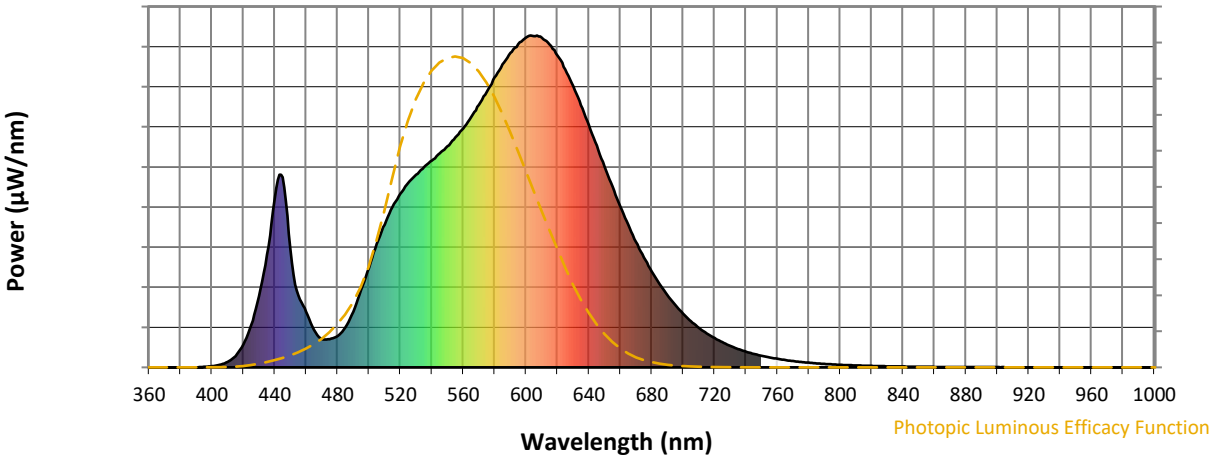


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

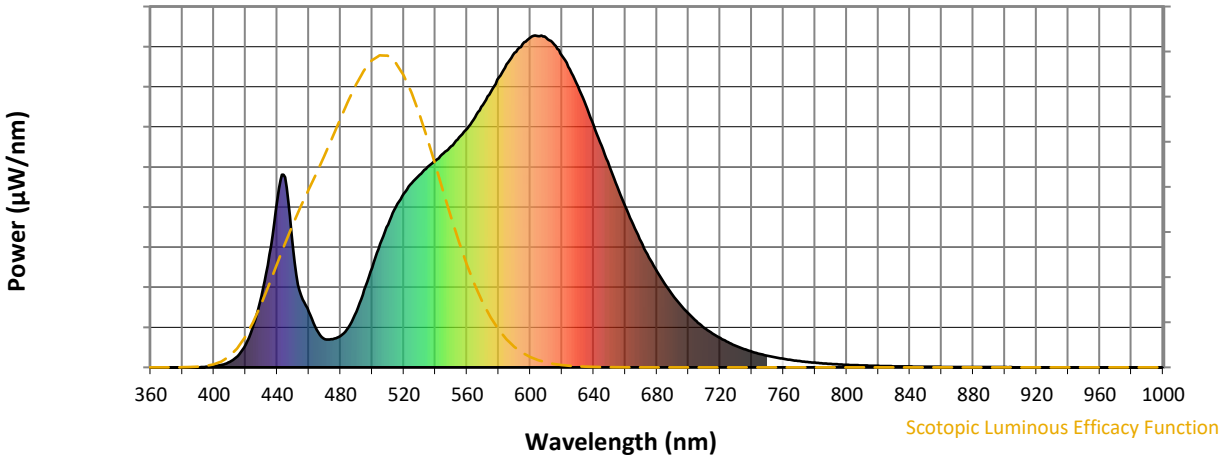


Photopic Lumens: NR

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

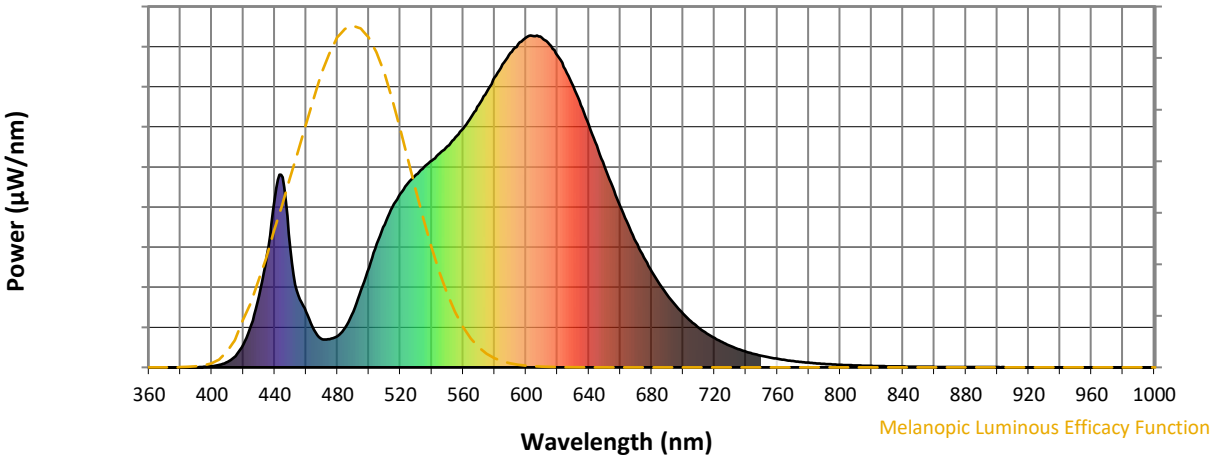


Scotopic Lumens: NR **S/P: 1.27**

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			

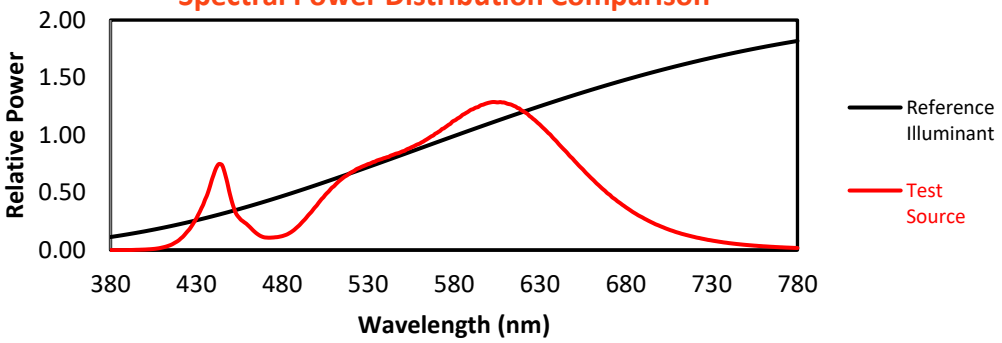
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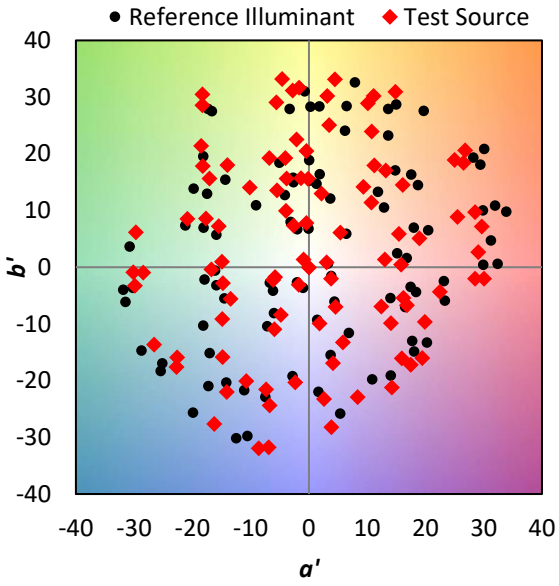
Summary

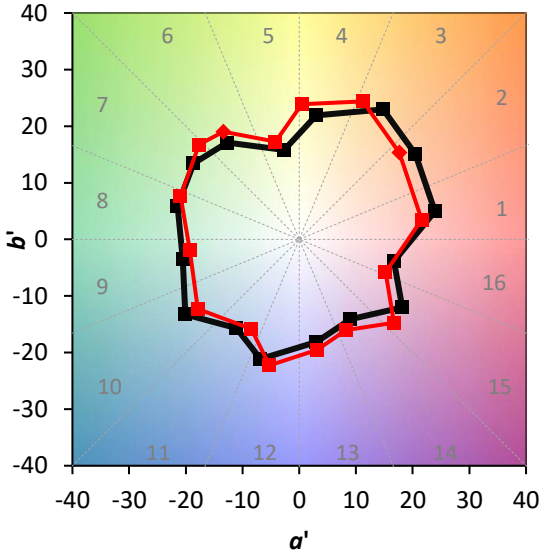
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

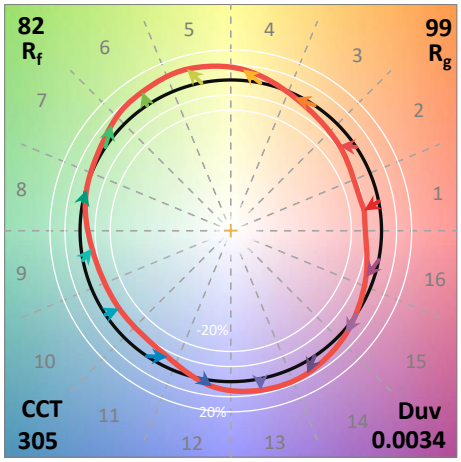
Spectral Power Distribution Comparison

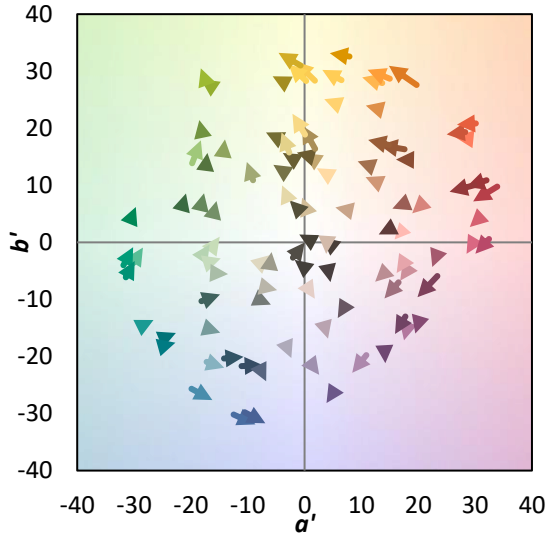


Color Vector Graphics







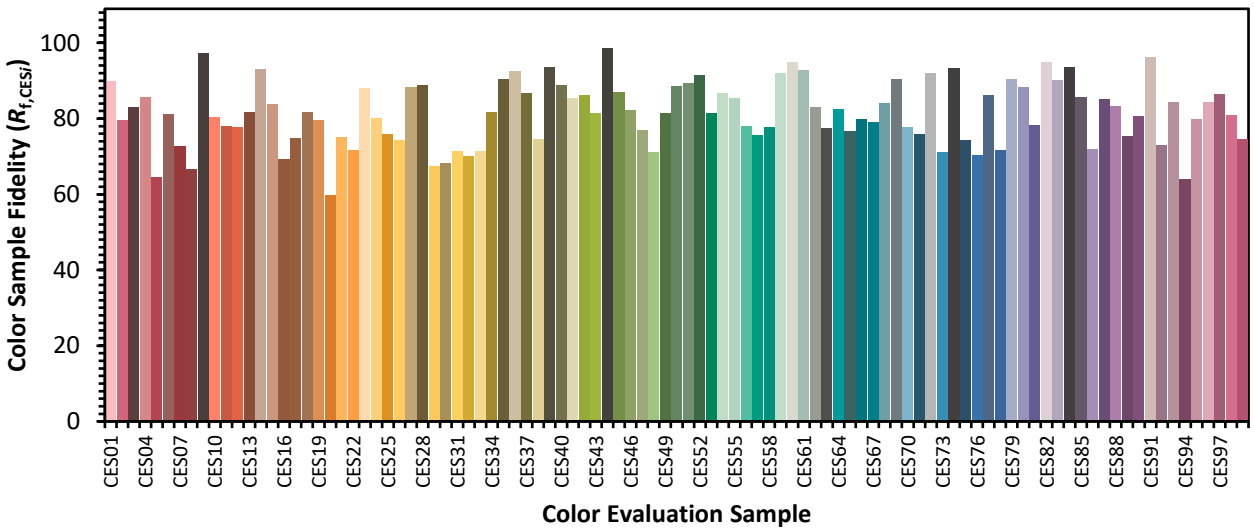


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Individual Sample Fidelity Index ($R_{f,i}$)

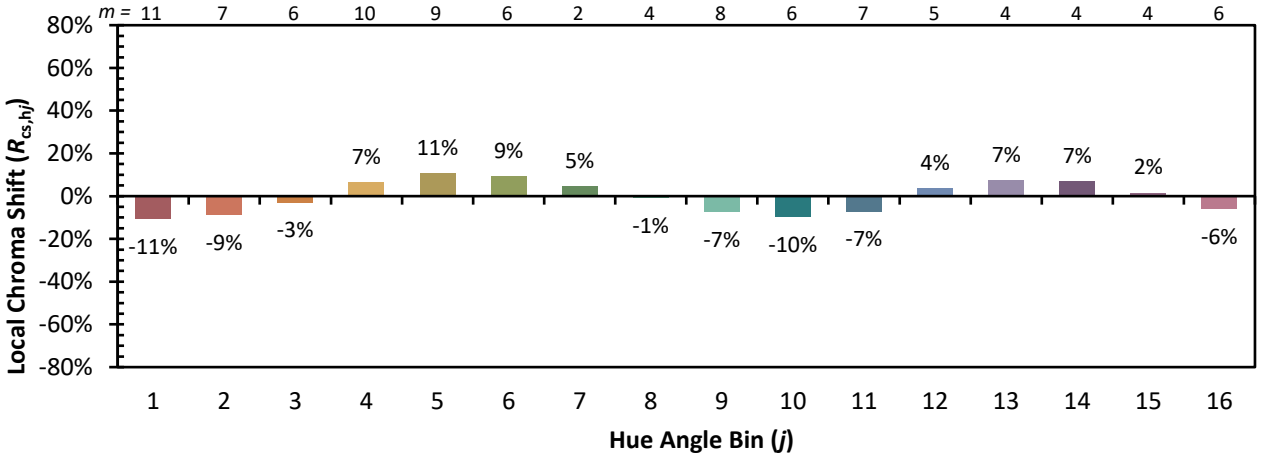
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

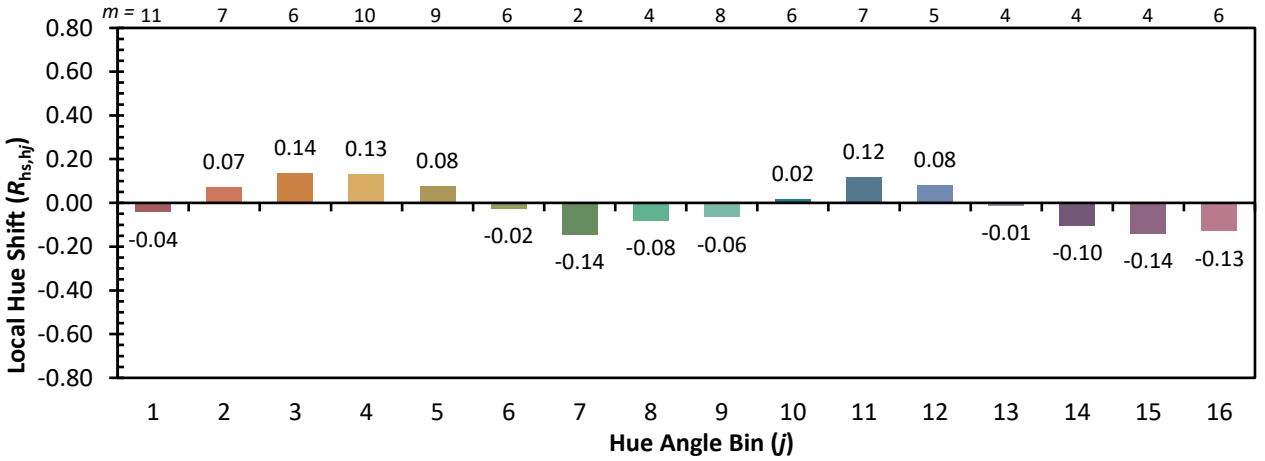


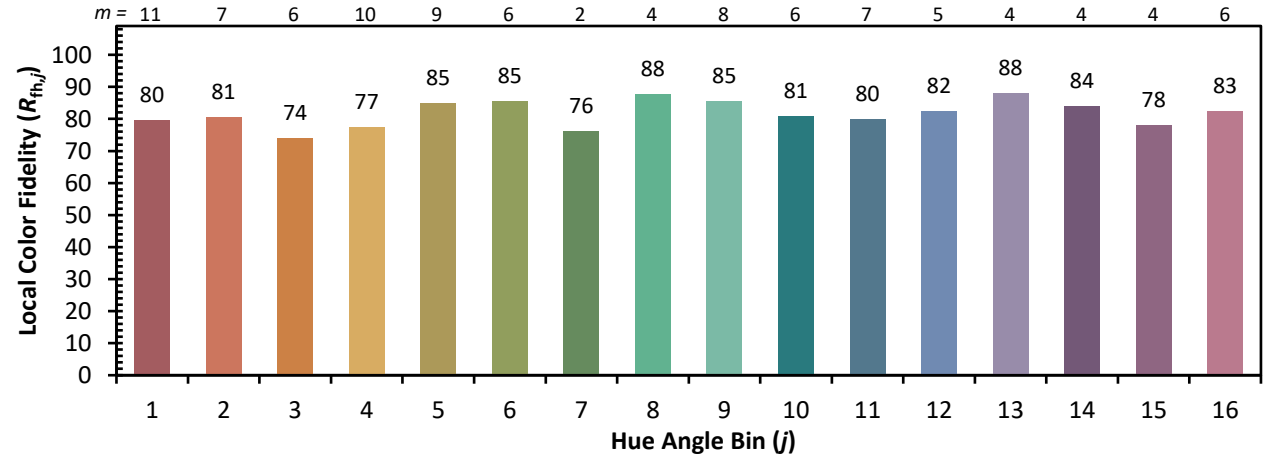
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Color Rendition by Hue-Angle Bin



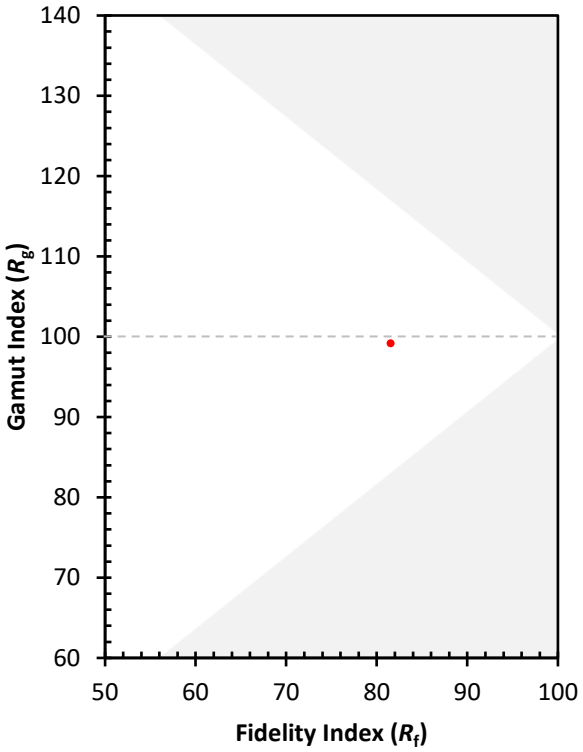


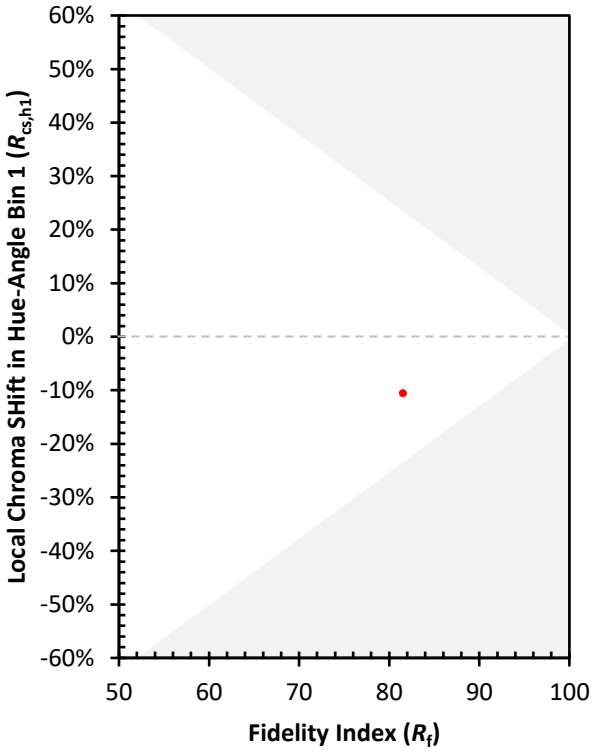


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Measure Comparisons





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