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: P1202749

Luminaire Tested: GWC-SB2A-830-U-T4FT

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:	P1202749
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-830-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7965 lumens
Efficiency:	N/A
Efficacy:	139.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

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

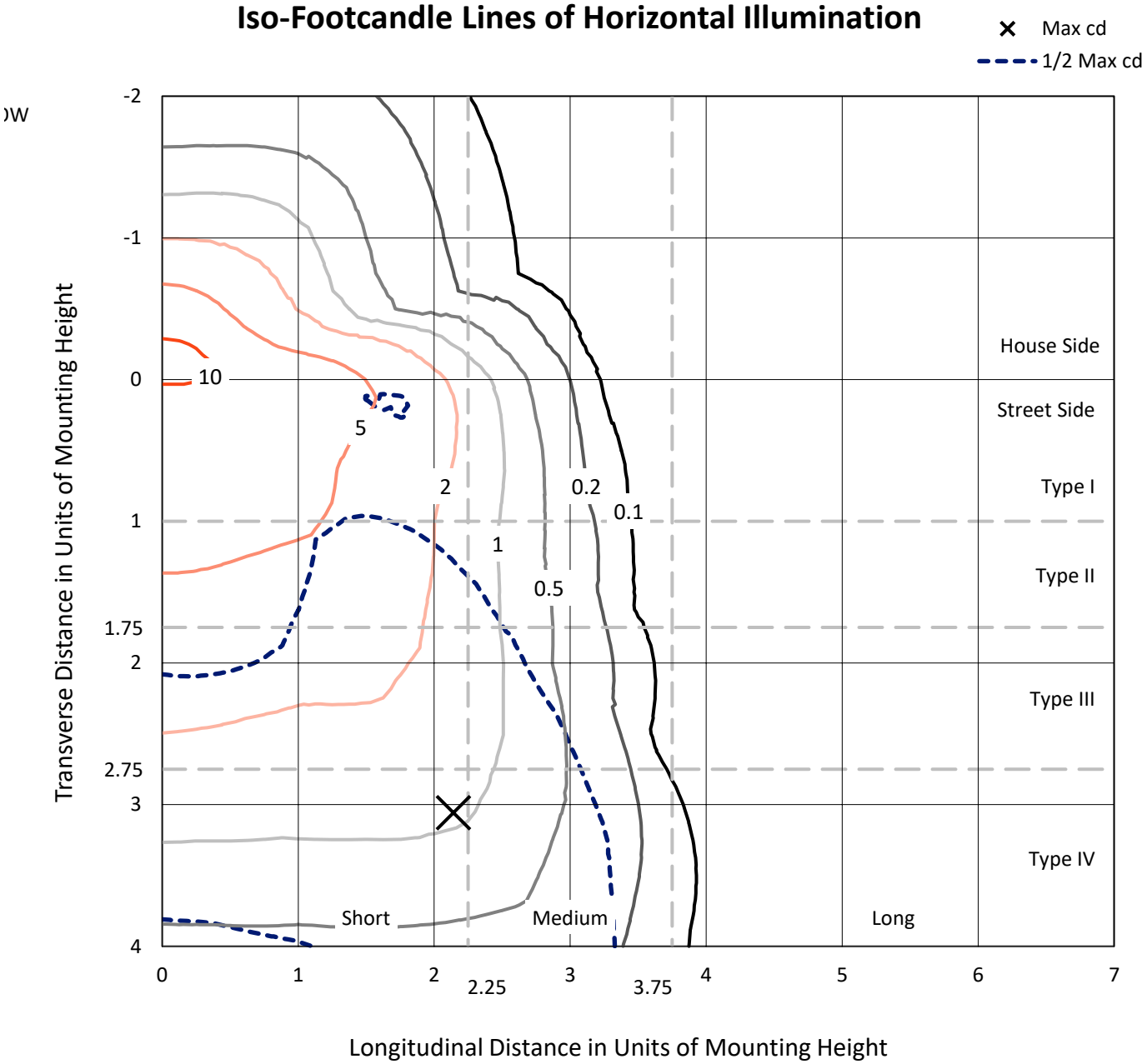


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Scaled Data Report

REPORT NUMBER: P1202749
CATALOG NUMBER: GWC-SB2A-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



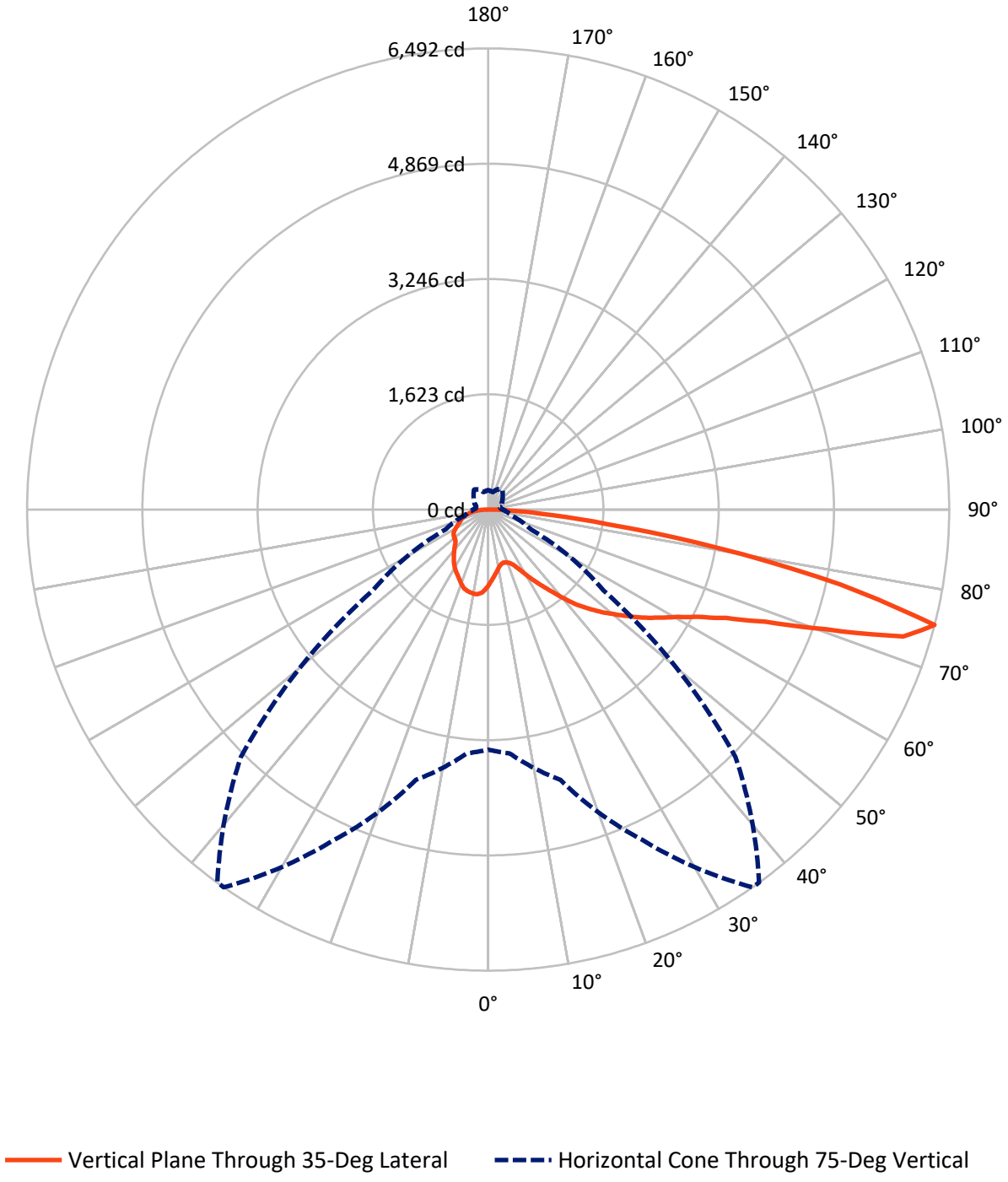
Based on 10 foot mounting height. Maximum calculated value = 8.8 fc
Type IV - Short - N/A

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REPORT NUMBER: P1202749
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Luminous Intensity Polar Plot



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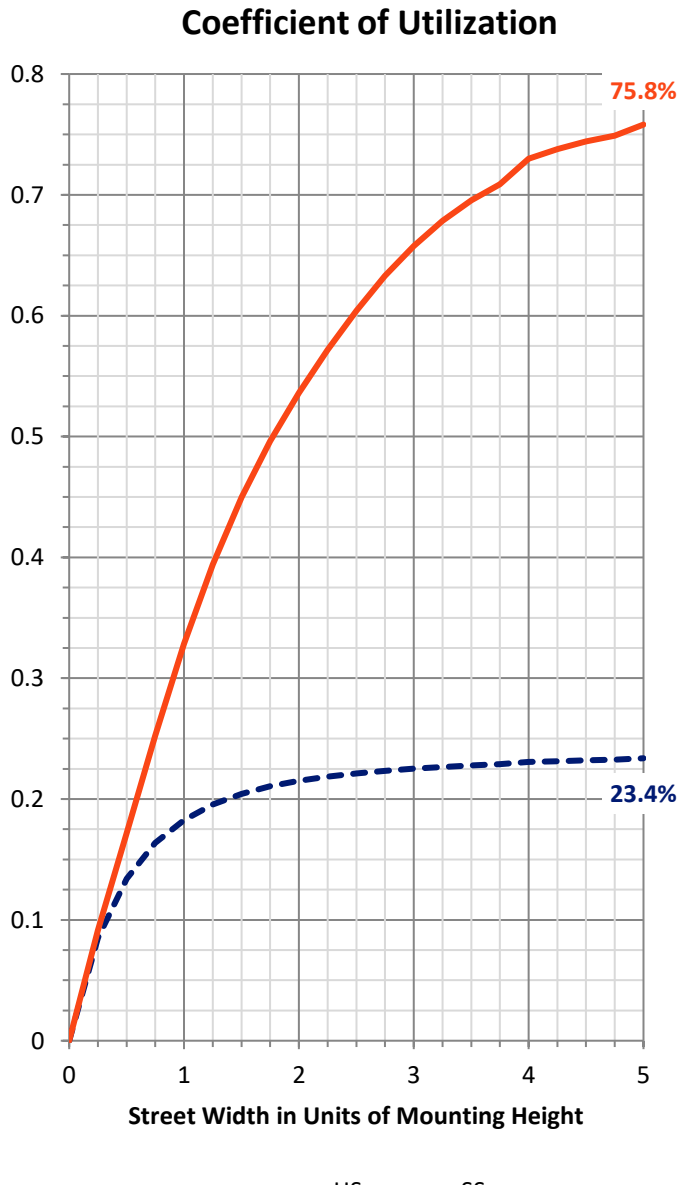
REPORT NUMBER: P1202749
CATALOG NUMBER: GWC-SB2A-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1895.5	0.0	1895.5
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	6069.5	0.0	6069.5
	% Fixture	76.2	0.0	76.2
Total	Lumens	7965.0	0.0	7965.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.5	1.3
10°-20°	289.9	3.6
20°-30°	486.8	6.1
30°-40°	756.5	9.5
40°-50°	1122.8	14.1
50°-60°	1550.1	19.5
60°-70°	1880.7	23.6
70°-80°	1554.2	19.5
80°-90°	223.6	2.8
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°	7965.0	100.0
0°-180°	7965.0	100.0



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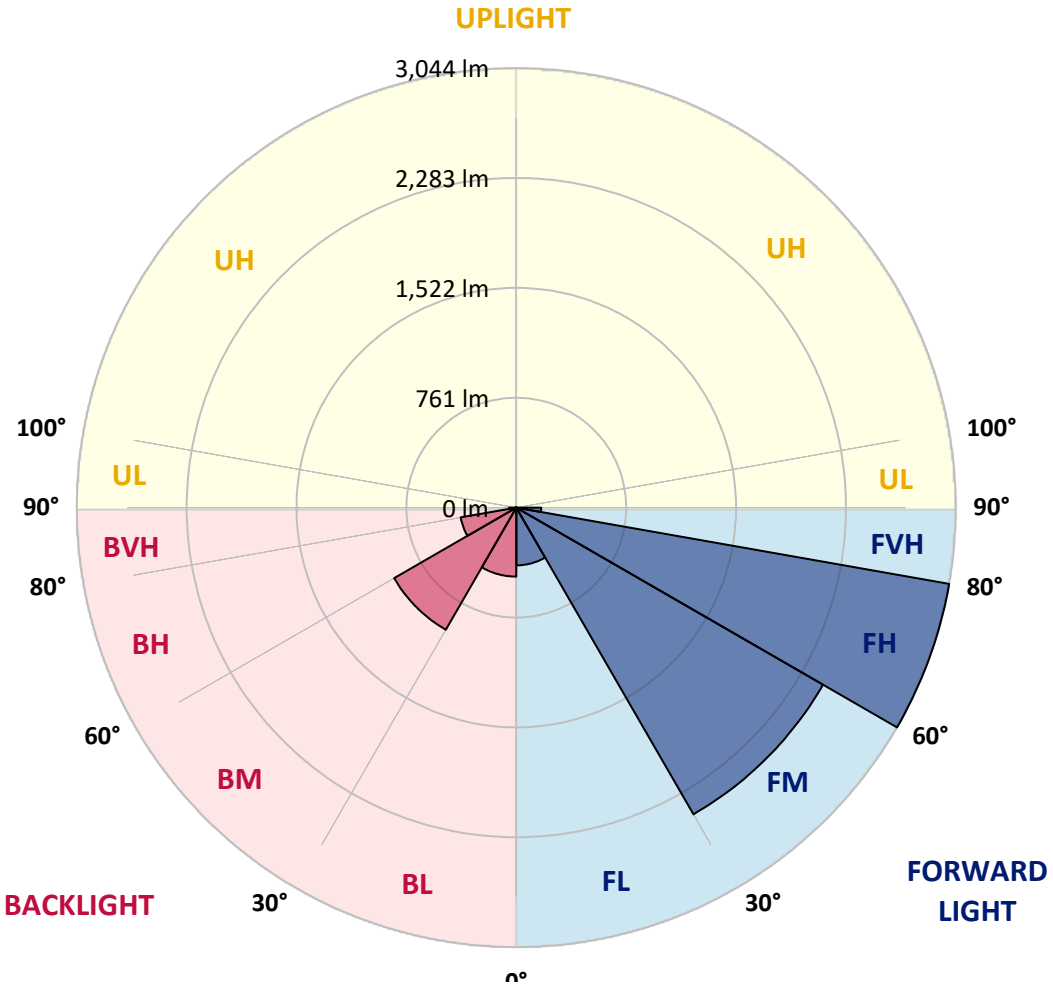
Scaled Data Report

REPORT NUMBER: P1202749
CATALOG NUMBER: GWC-SB2A-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	399.4	5.0			
FM	(30°-60°)	2452.8	30.8			
FH	(60°-80°)	3044.1	38.2			G2/5000
FVH	(80°-90°)	173.2	2.2			G2/225
BL	(0°-30°)	477.7	6.0	B1/500		
BM	(30°-60°)	976.7	12.3	B1/1000		
BH	(60°-80°)	390.8	4.9	B1/500		G1/500
BVH	(80°-90°)	50.3	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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REPORT NUMBER: P1202749
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1061.4	1061.4	1061.4	1061.4	*1061.4*	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4
2.5°	978.7	984.7	987.3	986.0	*992.5*	991.6	1000.7	1011.9	1027.4	1042.4	1064.4
5°	903.4	909.8	915.4	920.6	*933.1*	937.0	951.2	972.7	1001.1	1030.0	1066.1
7.5°	833.2	838.8	847.4	856.9	*878.0*	881.8	905.5	939.1	978.7	1020.9	1070.9
10°	775.9	781.5	790.6	801.3	*827.6*	832.3	862.5	907.2	958.9	1012.3	1076.0
12.5°	751.4	753.1	758.3	769.0	*791.8*	794.9	828.0	879.3	939.5	1005.8	1083.8
15°	750.1	753.5	754.0	759.6	*778.5*	779.8	810.4	861.2	927.5	1004.6	1095.4
17.5°	763.0	765.6	761.7	765.1	*781.1*	783.2	807.3	852.6	923.6	1010.2	1115.2
20°	797.4	799.6	788.0	783.2	*794.9*	796.6	820.3	858.2	927.5	1021.8	1142.3
22.5°	870.6	871.9	843.5	824.1	*825.0*	825.9	846.5	881.0	942.5	1042.9	1176.8
25°	984.7	983.9	938.7	901.2	*879.7*	874.9	888.7	918.0	968.0	1070.9	1221.1
27.5°	1118.2	1111.8	1066.6	1010.6	*963.6*	956.8	953.7	966.2	1004.1	1107.9	1275.4
30°	1268.9	1262.9	1214.2	1141.0	*1076.0*	1064.8	1036.4	1030.0	1057.9	1158.3	1350.7
32.5°	1434.3	1430.4	1372.3	1283.6	*1196.6*	1183.7	1135.9	1118.7	1140.6	1234.5	1455.8
35°	1572.9	1569.5	1521.3	1430.0	*1323.6*	1307.7	1259.0	1239.7	1250.8	1332.2	1593.2
37.5°	1698.2	1696.5	1655.2	1583.3	*1473.5*	1454.1	1399.4	1392.9	1390.8	1461.0	1759.8
40°	1814.5	1810.2	1767.1	1729.2	*1647.8*	1630.2	1582.0	1576.4	1560.0	1619.4	1948.4
42.5°	1943.2	1932.0	1869.6	1851.9	*1830.0*	1815.3	1786.5	1787.4	1751.2	1798.1	2148.2
45°	2048.3	2041.8	1977.7	1967.3	*1991.0*	1985.0	2010.0	2016.4	1946.2	1985.4	2355.7
47.5°	2161.1	2155.1	2100.8	2093.5	*2157.7*	2159.4	2247.6	2249.8	2136.6	2180.0	2563.7
50°	2300.2	2291.6	2237.7	2246.8	*2318.7*	2325.2	2486.6	2472.0	2311.8	2377.7	2769.9
52.5°	2391.9	2397.1	2385.4	2400.1	*2498.2*	2504.3	2721.7	2684.3	2485.3	2572.7	2972.3
55°	2459.5	2469.8	2506.0	2539.6	*2687.7*	2693.7	2943.5	2886.2	2629.1	2753.6	3162.6
57.5°	2546.5	2531.8	2599.4	2664.9	*2867.7*	2883.6	3159.2	3080.8	2756.6	2909.5	3293.1
60°	2671.3	2661.0	2713.5	2810.4	*3069.2*	3094.6	3387.4	3256.1	2850.0	3033.0	3318.5
62.5°	2924.5	2898.7	2906.9	2992.6	*3323.2*	3356.8	3644.9	3408.9	2896.5	3081.3	3182.4
65°	3303.0	3258.7	3217.3	3276.7	*3681.1*	3714.2	3935.5	3529.1	2879.3	2987.8	2821.2
67.5°	3779.7	3735.7	3684.9	3740.9	*4208.1*	4234.4	4294.2	3596.7	2743.7	2627.9	2182.6
70°	4172.8	4156.4	4217.1	4447.5	*5049.9*	5050.8	4754.1	3540.7	2372.1	1863.1	1262.9
72.5°	4120.7	4110.8	4430.7	5142.9	*6110.9*	6088.0	5189.4	3117.0	1597.9	840.5	473.2
75°	*3380.5*	*3444.7*	*3940.3*	*5130.4*	*6491.9*	*6488.9*	*4922.9*	*1981.5*	*660.9*	*348.3*	*244.6*
77.5°	1812.8	1914.4	2558.1	3787.8	*5068.0*	5144.2	3461.0	693.2	283.8	223.0	169.2
80°	591.2	679.9	1019.6	1928.6	*3293.1*	3278.9	1483.4	272.1	194.2	158.0	117.1
82.5°	251.0	261.4	455.6	910.7	*1690.0*	1663.8	472.4	156.3	136.5	108.1	72.3
85°	98.2	109.8	201.1	421.1	*732.0*	716.1	170.5	77.5	87.4	70.6	43.1
87.5°	32.3	39.2	71.9	144.2	*227.8*	219.6	41.8	26.7	37.9	32.3	15.5
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: P1202749
CATALOG NUMBER: GWC-SB2A-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4
2.5°	1070.4	1077.3	1085.5	1097.6	1107.9	1116.5	1125.5	1131.1	1133.3	1139.8	1139.3
5°	1078.2	1093.3	1113.5	1133.3	1152.7	1164.3	1174.6	1179.8	1184.5	1188.0	1188.8
7.5°	1091.1	1110.5	1142.3	1168.2	1184.5	1194.0	1200.9	1199.2	1200.9	1201.8	1203.1
10°	1102.3	1129.4	1167.3	1191.9	1204.3	1204.8	1203.1	1197.0	1194.0	1194.4	1195.3
12.5°	1115.6	1145.8	1186.7	1207.4	1210.8	1201.3	1194.0	1183.7	1179.8	1178.1	1177.2
15°	1133.7	1168.2	1207.8	1215.5	1206.9	1194.9	1182.4	1165.6	1157.0	1150.1	1152.2
17.5°	1155.7	1193.6	1224.2	1218.6	1200.0	1180.2	1160.0	1134.6	1116.9	1109.6	1110.0
20°	1186.3	1220.3	1236.6	1212.1	1184.1	1154.0	1119.5	1088.5	1072.2	1064.8	1064.0
22.5°	1223.3	1256.0	1248.7	1200.9	1161.3	1113.1	1070.0	1047.2	1039.0	1033.8	1034.7
25°	1267.6	1295.6	1257.3	1184.5	1123.8	1058.8	1025.7	1018.3	1014.5	1010.6	1010.6
27.5°	1325.3	1340.4	1263.8	1160.4	1065.3	1001.1	989.1	990.3	989.1	982.6	983.9
30°	1401.6	1398.5	1269.8	1121.2	998.1	949.0	949.9	955.5	956.3	952.0	954.2
32.5°	1501.9	1471.3	1272.8	1070.4	933.9	903.4	904.2	910.3	914.6	907.2	910.7
35°	1623.3	1556.1	1268.1	1006.7	884.4	859.9	853.4	855.1	856.4	849.5	854.3
37.5°	1765.0	1651.3	1247.0	936.1	843.5	817.2	803.5	791.8	785.0	778.5	782.8
40°	1920.4	1755.1	1208.2	867.2	797.9	772.0	751.4	729.4	706.2	697.5	701.4
42.5°	2083.2	1861.8	1161.3	801.3	745.3	724.2	702.3	670.4	635.5	617.9	620.0
45°	2252.0	1971.2	1115.2	736.3	691.5	682.5	657.1	618.7	580.9	558.5	556.7
47.5°	2417.3	2074.6	1047.6	670.9	641.1	651.0	631.2	595.9	553.7	518.4	514.5
50°	2575.3	2171.4	937.0	604.5	600.2	641.6	622.6	571.8	523.6	478.4	474.5
52.5°	2732.1	2249.8	795.3	544.3	578.3	639.0	611.4	555.5	496.5	449.1	443.9
55°	2865.1	2290.3	658.8	492.6	546.4	617.0	598.1	536.1	458.1	407.8	403.5
57.5°	2940.9	2257.6	545.1	441.8	502.5	580.9	575.3	494.7	412.5	373.7	368.6
60°	2908.2	2124.9	452.1	397.4	460.7	541.7	535.6	453.8	377.6	341.0	335.9
62.5°	2727.8	1872.2	378.5	358.7	422.8	501.6	496.0	422.4	350.9	315.6	310.0
65°	2364.3	1523.0	321.2	326.4	384.5	453.4	461.6	396.1	329.8	295.4	289.8
67.5°	1803.3	1103.2	276.4	298.4	347.1	406.0	429.7	377.2	312.2	279.4	274.3
70°	1027.8	626.5	238.5	271.3	313.9	362.1	405.2	362.1	293.2	266.1	262.7
72.5°	389.7	287.6	206.2	244.1	282.0	325.1	378.1	338.4	271.3	251.0	247.6
75°	*208.0*	*175.2*	*173.5*	*212.3*	*245.4*	*288.9*	*344.0*	*315.2*	*254.9*	*265.2*	*273.9*
77.5°	141.7	124.0	145.1	181.7	205.4	248.9	307.9	279.9	220.9	220.0	202.8
80°	98.2	87.8	118.0	146.4	158.9	209.3	268.7	240.3	180.0	167.9	160.6
82.5°	59.0	57.3	88.3	109.4	112.4	161.5	222.6	201.5	147.3	128.3	129.2
85°	32.3	34.0	56.4	64.2	65.4	112.8	174.4	155.9	113.2	95.2	96.0
87.5°	9.0	11.6	20.7	25.4	31.4	58.6	103.8	92.6	56.8	39.6	39.6
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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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

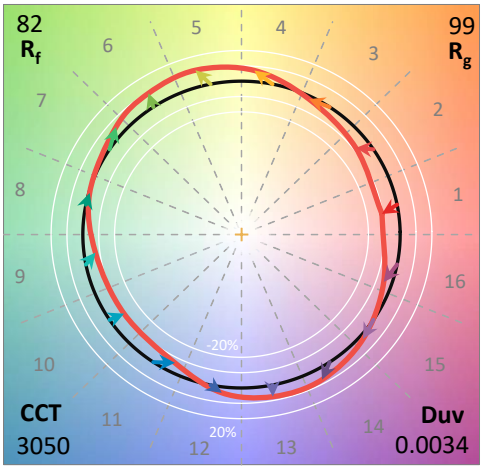
Test Information

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

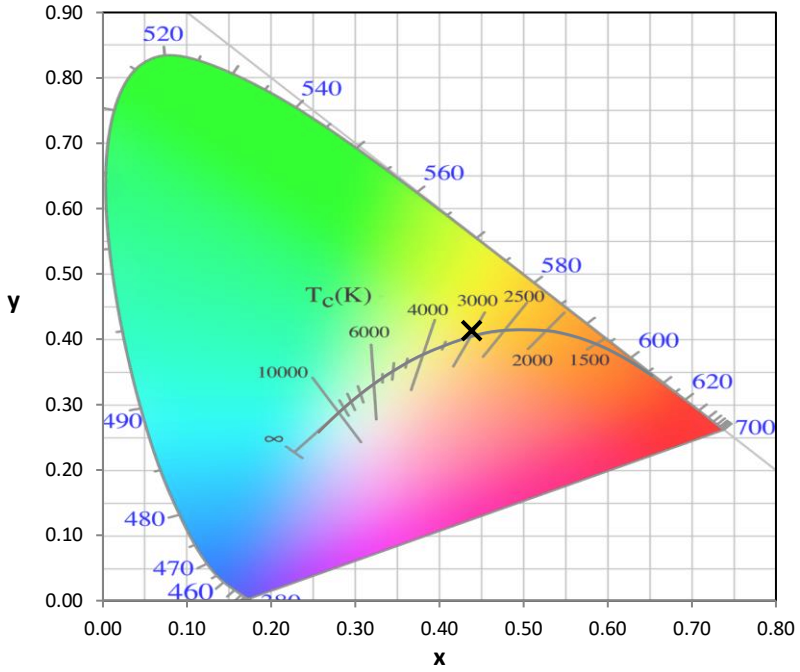
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

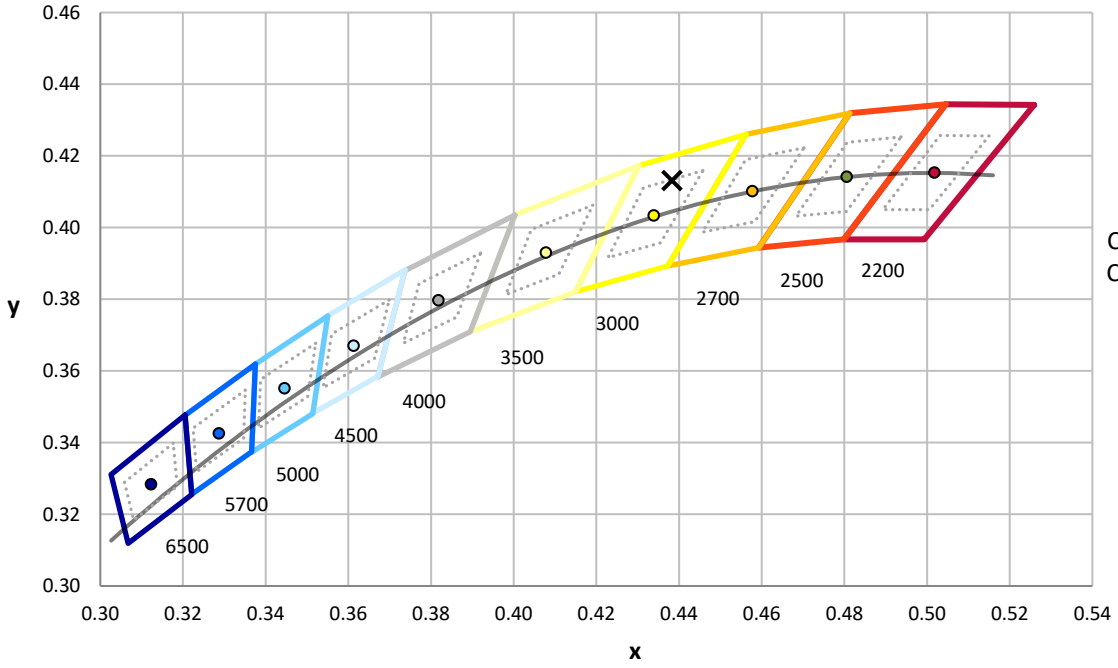
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

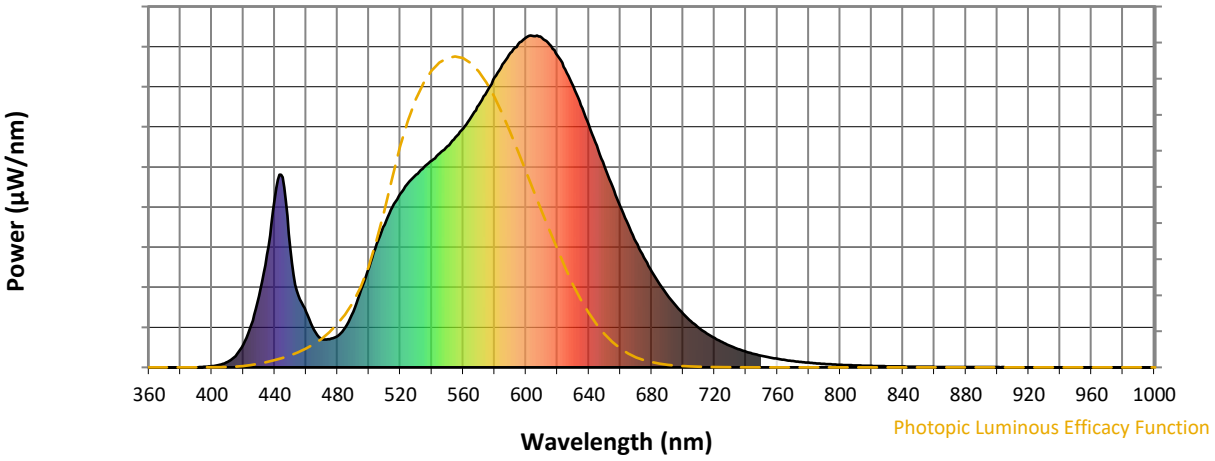


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

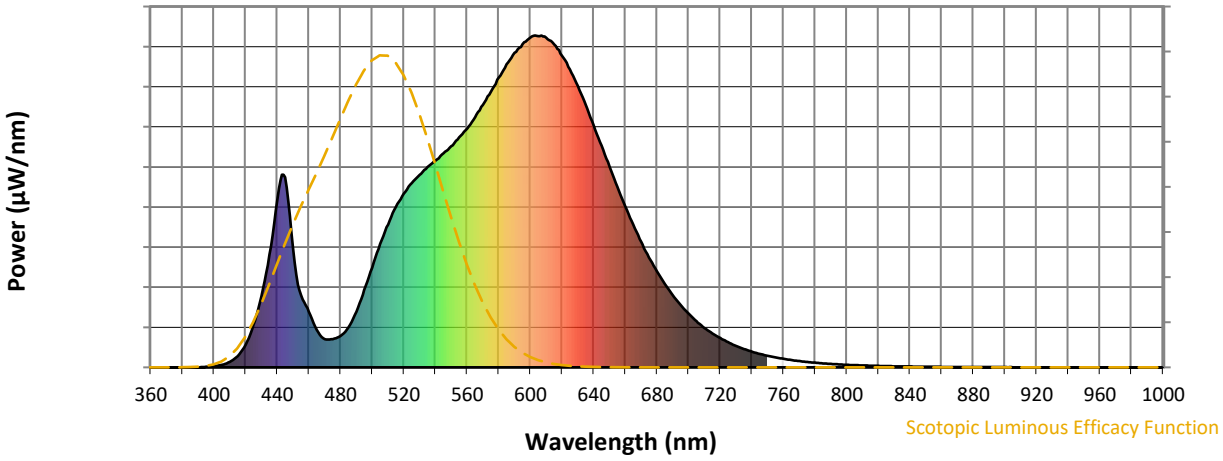


Photopic Lumens: NR

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

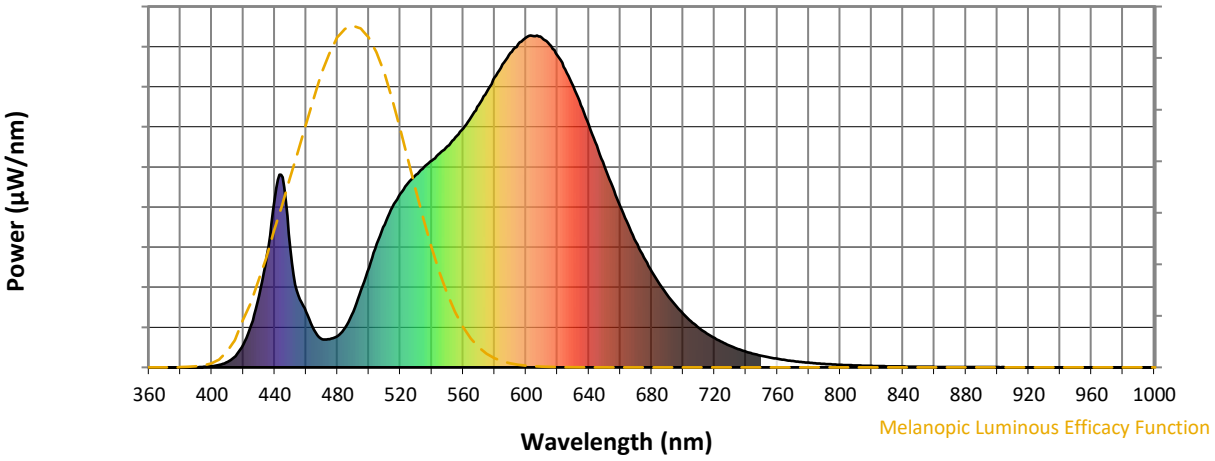


Scotopic Lumens: NR **S/P: 1.27**

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			

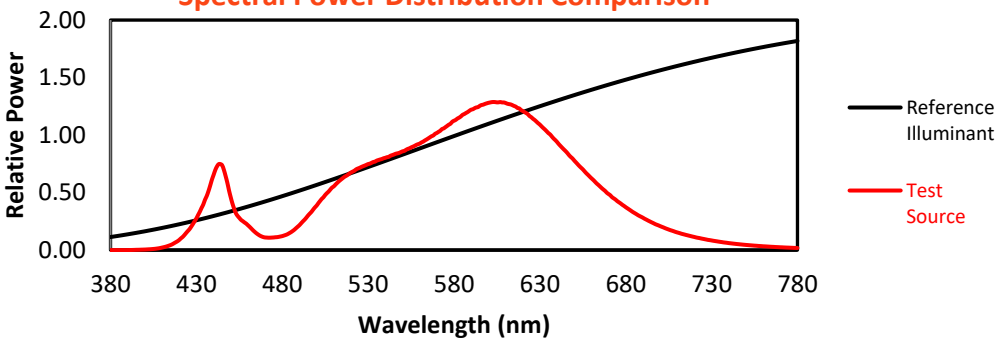
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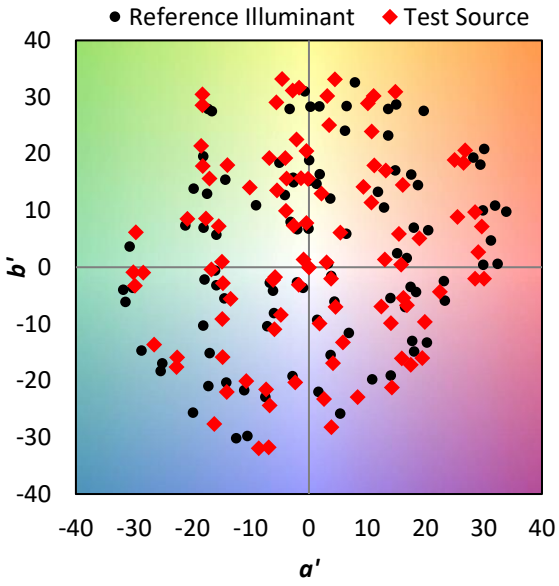
Summary

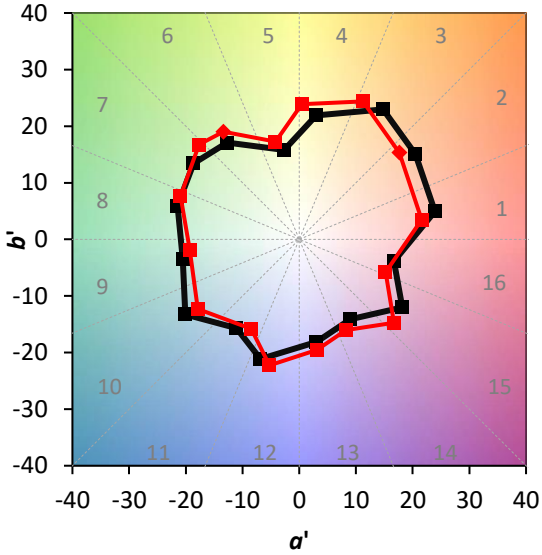
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

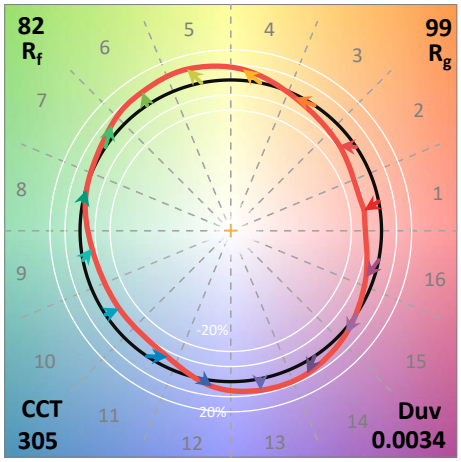
Spectral Power Distribution Comparison

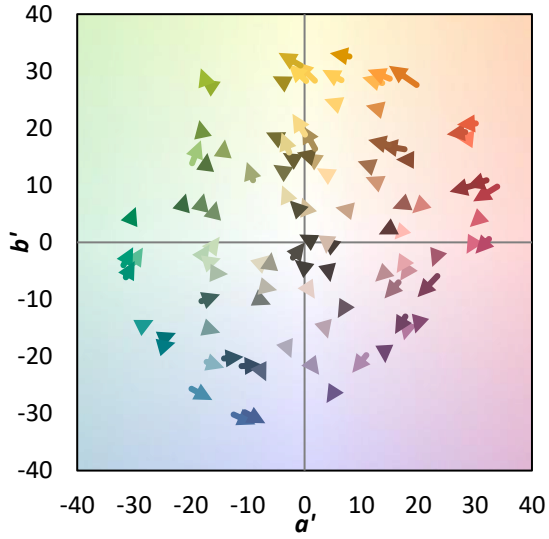


Color Vector Graphics







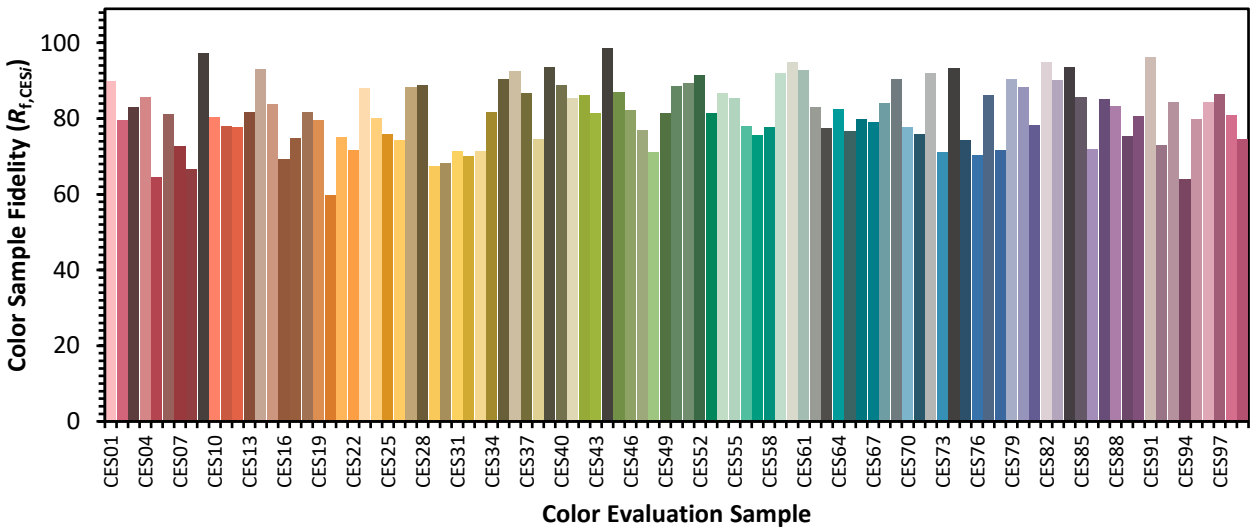


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Individual Sample Fidelity Index ($R_{f,i}$)

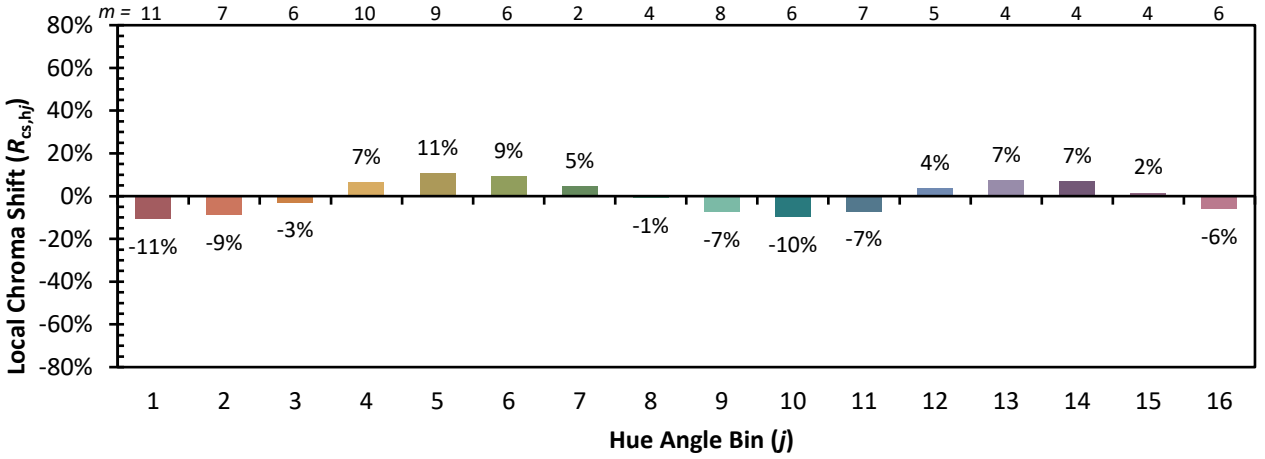
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

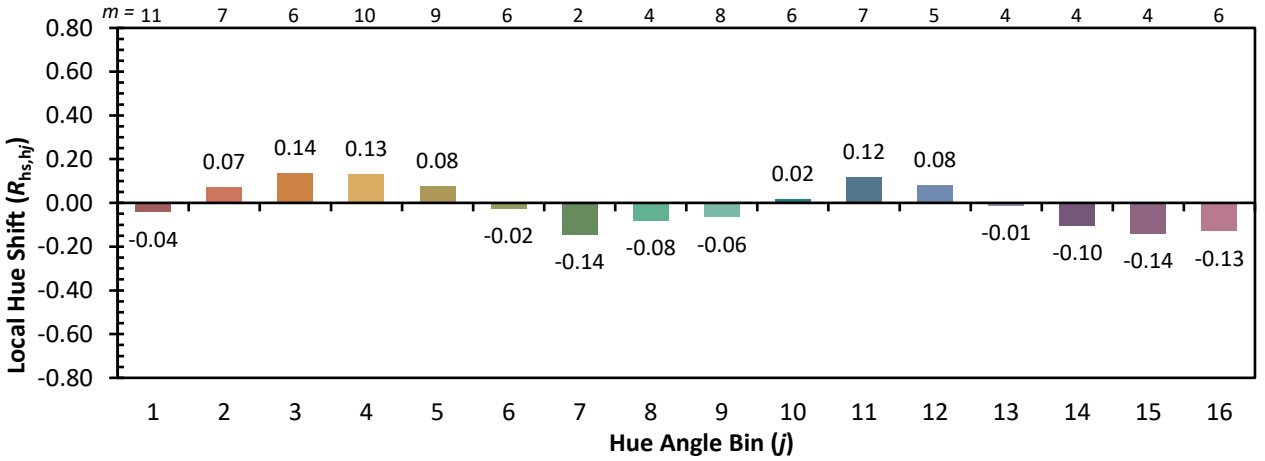


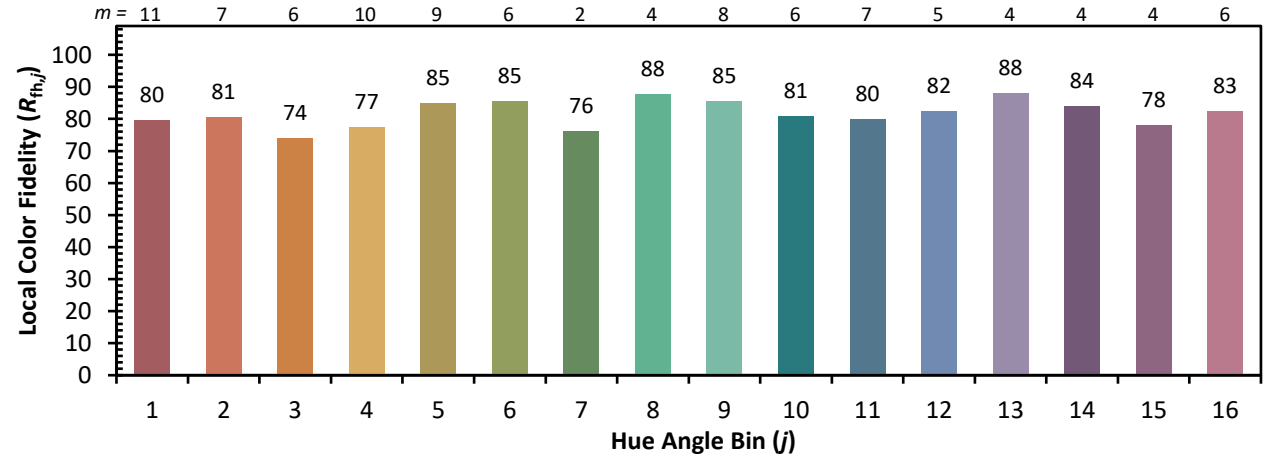
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Color Rendition by Hue-Angle Bin



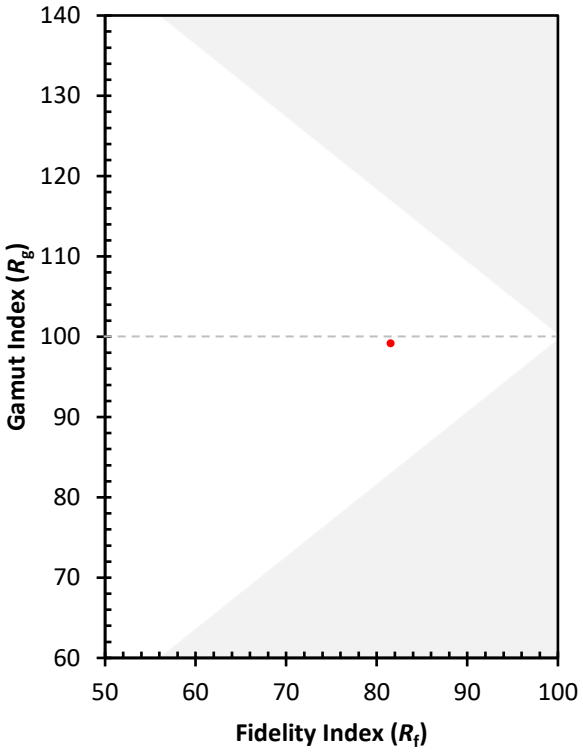


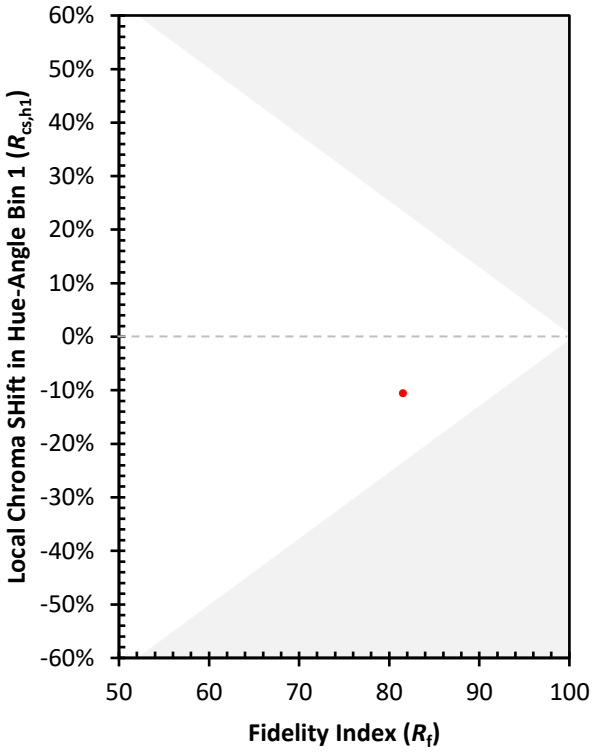


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Measure Comparisons





(END OF REPORT)