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: P1202739

Luminaire Tested: GWC-SB2A-830-U-SL4

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:	P1202739
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-830-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7988 lumens
Efficiency:	N/A
Efficacy:	139.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - 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

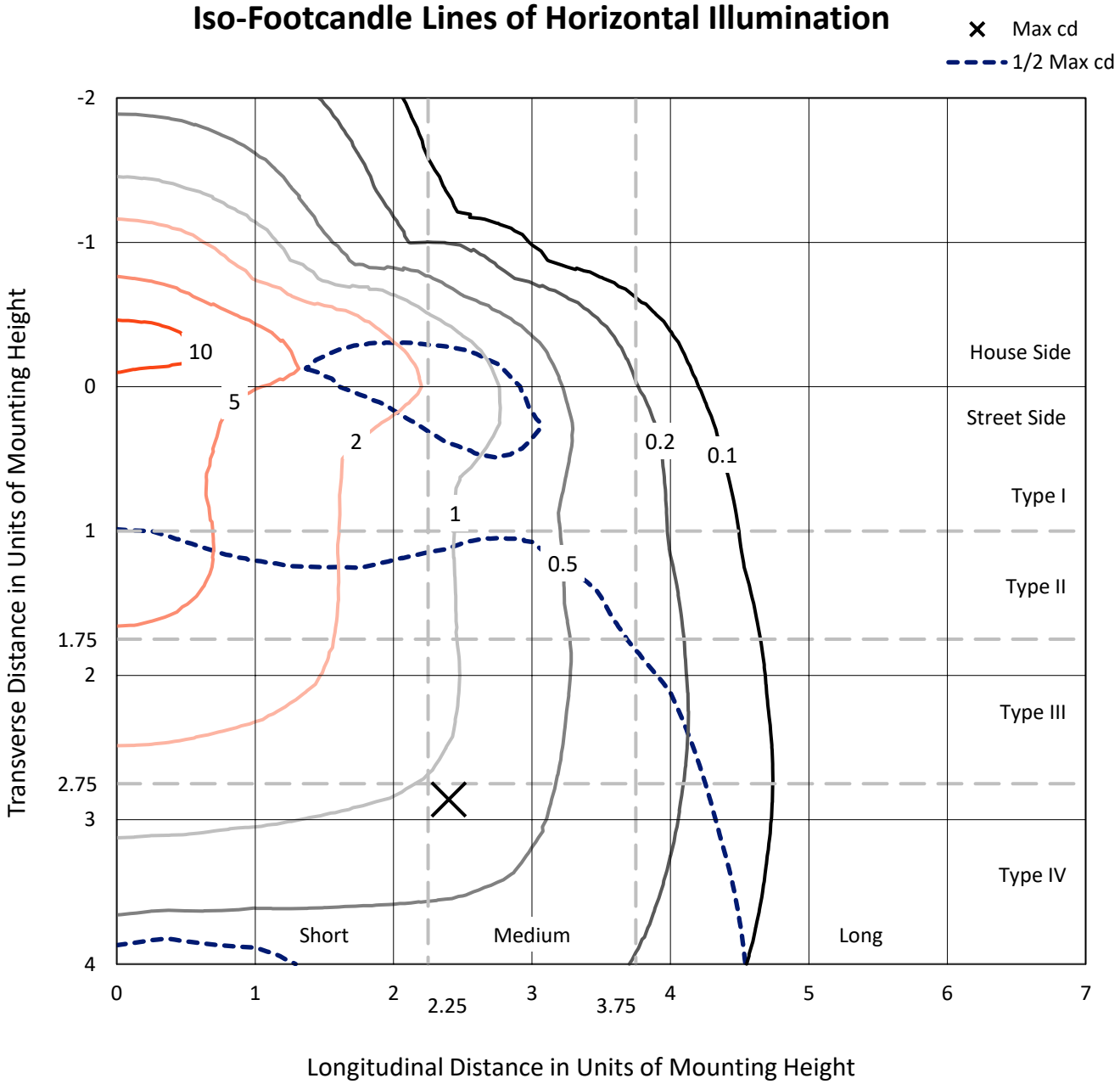


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Scaled Data Report

REPORT NUMBER: P1202739
CATALOG NUMBER: GWC-SB2A-830-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



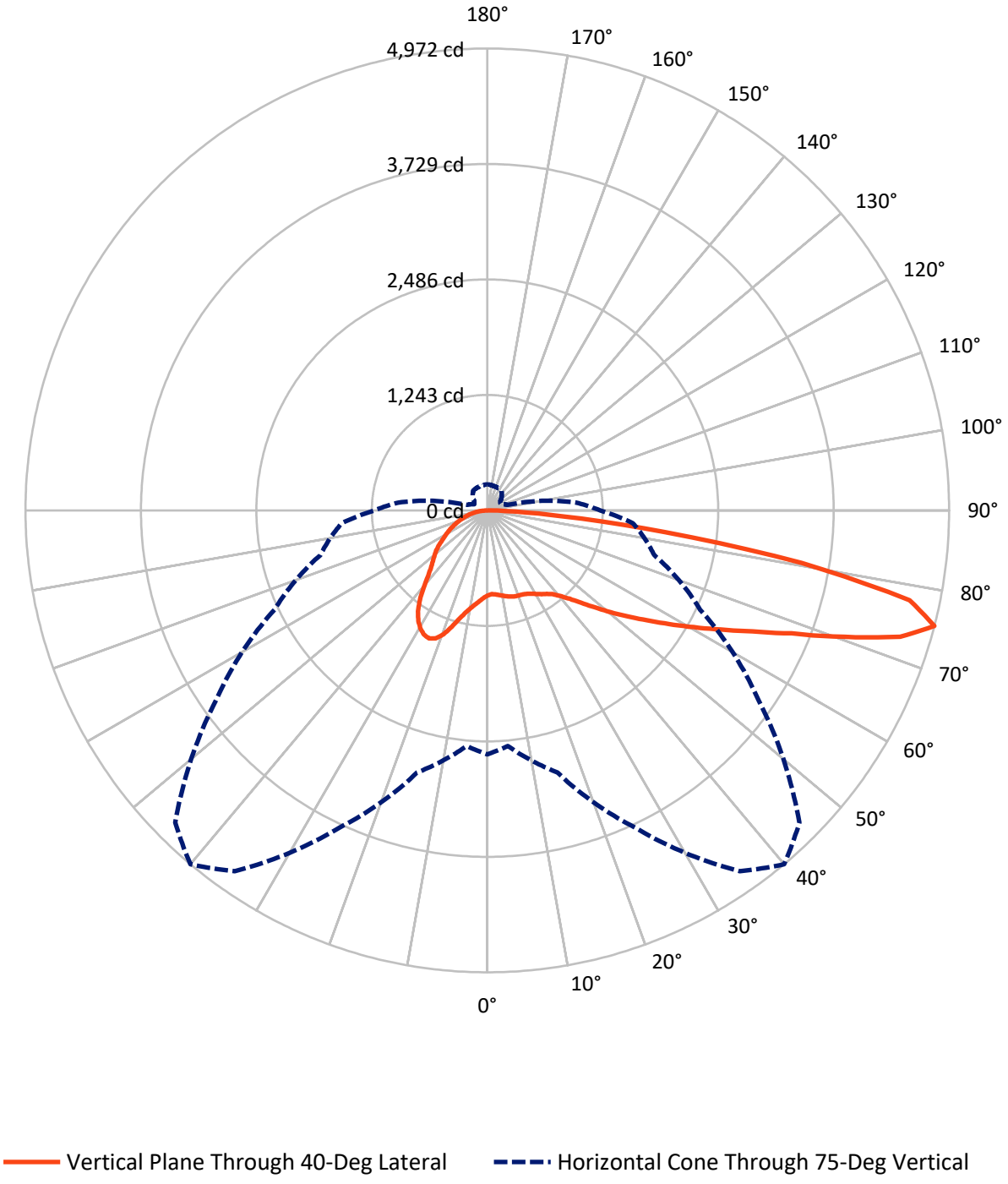
Based on 10 foot mounting height. Maximum calculated value = 8.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

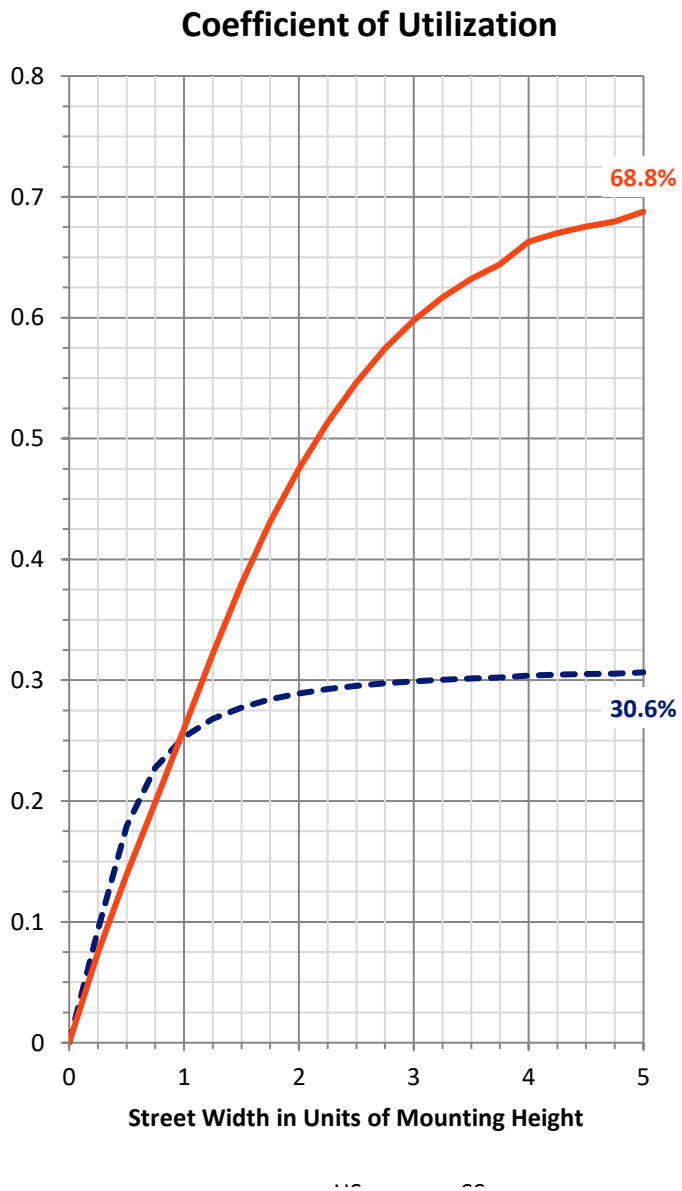
REPORT NUMBER: P1202739
CATALOG NUMBER: GWC-SB2A-830-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2474.9	0.0	2474.9
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	5513.1	0.0	5513.1
	% Fixture	69.0	0.0	69.0
Total	Lumens	7988.0	0.0	7988.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.2	1.1
10°-20°	306.1	3.8
20°-30°	559.0	7.0
30°-40°	792.8	9.9
40°-50°	1070.5	13.4
50°-60°	1440.1	18.0
60°-70°	1827.8	22.9
70°-80°	1658.8	20.8
80°-90°	241.8	3.0
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°	7988.0	100.0
0°-180°	7988.0	100.0



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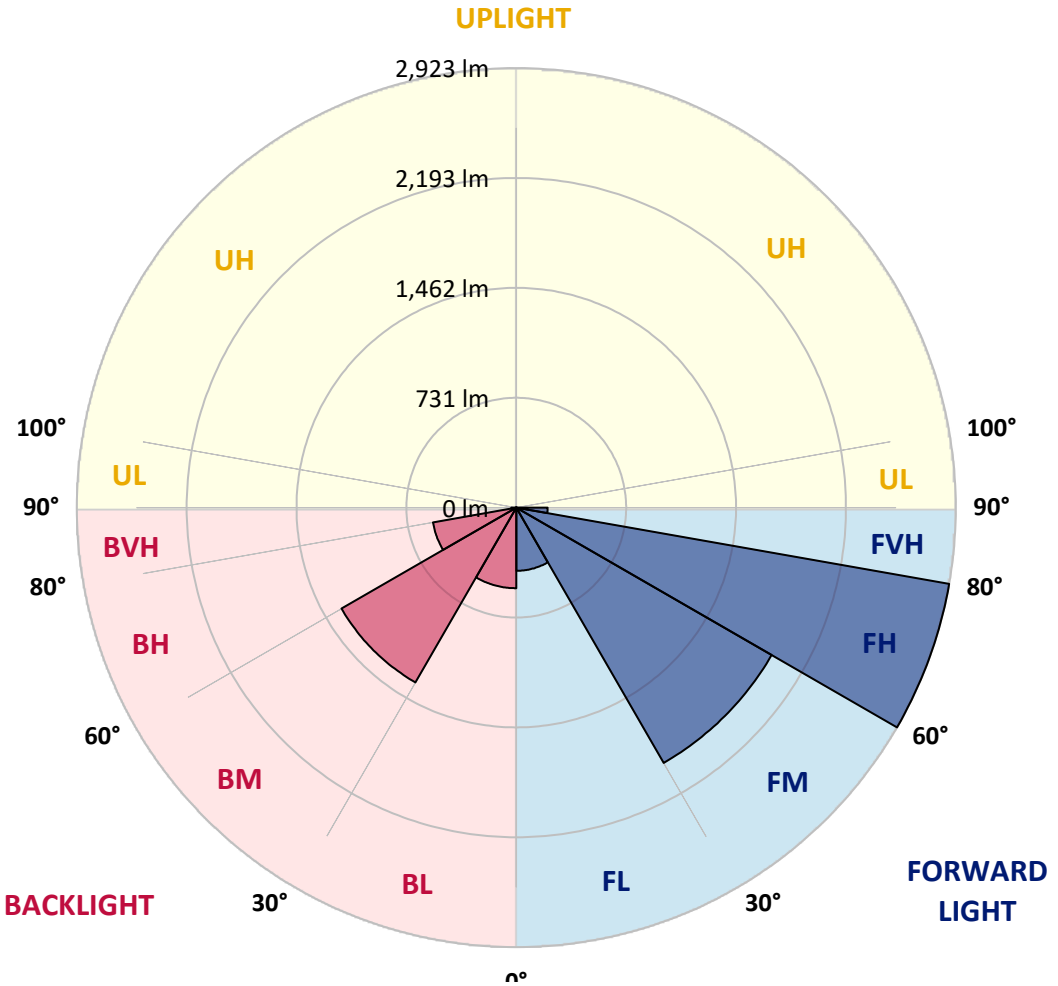
Scaled Data Report

REPORT NUMBER: P1202739
CATALOG NUMBER: GWC-SB2A-830-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	420.2	5.3			
FM	(30°-60°)	1960.9	24.5			
FH	(60°-80°)	2923.5	36.6			G2/5000
FVH	(80°-90°)	208.5	2.6			G2/225
BL	(0°-30°)	536.1	6.7	B2/1000		
BM	(30°-60°)	1342.4	16.8	B2/2500		
BH	(60°-80°)	563.1	7.0	B2/1000		G2/1000
BVH	(80°-90°)	33.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Medium



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Scaled Data Report

REPORT NUMBER: P1202739
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	913.4	913.4	913.4	913.4	913.4	*913.4*	913.4	913.4	913.4	913.4	913.4
2.5°	899.5	904.5	903.3	901.6	901.6	*902.0*	901.6	904.5	907.5	910.5	915.1
5°	908.8	913.9	911.3	909.2	907.5	*907.1*	905.8	905.4	907.1	910.9	917.3
7.5°	927.0	932.1	928.3	924.5	921.1	*919.4*	917.7	915.1	913.9	916.0	924.9
10°	947.3	952.4	947.8	941.0	935.5	*933.4*	931.7	929.1	927.4	928.7	938.4
12.5°	967.7	972.8	966.4	957.1	949.9	*948.6*	946.5	945.6	945.2	944.8	954.5
15°	986.7	991.0	982.9	971.9	964.3	*962.2*	960.0	961.3	963.4	966.0	977.0
17.5°	1001.6	1005.8	993.9	979.5	972.3	*971.5*	970.2	974.4	980.4	986.7	1000.3
20°	1015.1	1019.4	1004.1	984.6	976.1	*976.1*	976.6	985.5	993.9	1003.3	1021.9
22.5°	1034.2	1037.6	1018.9	992.2	980.0	*980.8*	984.2	993.1	1003.7	1016.4	1042.2
25°	1062.6	1065.1	1042.2	1006.6	992.7	*995.2*	998.2	1002.4	1012.6	1027.4	1062.1
27.5°	1108.3	1110.4	1080.4	1032.1	1010.9	*1015.1*	1019.4	1016.4	1021.1	1033.8	1078.2
30°	1172.7	1174.0	1135.9	1071.9	1041.8	*1043.9*	1044.8	1032.5	1023.6	1033.8	1089.7
32.5°	1249.0	1248.6	1203.2	1120.2	1077.0	*1074.9*	1067.7	1043.5	1022.7	1031.6	1099.9
35°	1367.2	1362.5	1304.1	1188.0	1116.8	*1103.7*	1086.7	1055.8	1027.0	1029.5	1108.8
37.5°	1562.9	1548.5	1467.6	1299.0	1176.1	*1142.6*	1117.6	1075.7	1036.3	1028.7	1119.3
40°	1783.7	1765.4	1676.5	1451.1	1265.1	*1211.3*	1171.0	1104.1	1051.6	1032.5	1135.0
42.5°	2045.5	2019.6	1923.9	1630.3	1377.8	*1299.8*	1239.2	1140.1	1074.0	1044.8	1156.2
45°	2367.1	2332.7	2197.2	1832.4	1519.7	*1415.9*	1335.0	1194.8	1108.3	1068.5	1188.0
47.5°	2692.0	2700.5	2507.7	2063.7	1690.0	*1559.1*	1454.9	1276.9	1158.3	1106.6	1239.2
50°	3037.3	3043.2	2816.6	2320.0	1883.2	*1721.0*	1589.6	1368.9	1227.8	1160.9	1315.9
52.5°	3306.8	3307.6	3097.0	2588.2	2084.5	*1898.9*	1734.9	1474.0	1308.3	1232.9	1418.0
55°	3475.4	3473.3	3293.6	2842.0	2315.8	*2085.7*	1895.9	1593.4	1406.6	1317.6	1546.4
57.5°	3597.8	3591.5	3429.2	3060.2	2562.4	*2306.5*	2078.1	1729.0	1522.7	1418.5	1715.5
60°	3644.4	3640.6	3521.1	3248.7	2821.7	*2550.5*	2288.3	1880.7	1654.4	1537.5	1932.8
62.5°	3662.2	3669.4	3611.4	3431.3	3099.2	*2820.8*	2519.2	2062.0	1802.7	1672.2	2162.0
65°	3724.9	3738.1	3726.2	3670.3	3412.7	*3137.3*	2825.5	2277.7	1964.6	1816.7	2401.4
67.5°	3849.1	3862.2	3867.3	3956.3	3795.7	*3531.7*	3207.6	2546.3	2154.0	1966.7	2581.4
70°	3846.1	3842.3	3932.1	4183.8	4275.3	*4077.9*	3722.8	2876.7	2379.8	2091.2	2604.3
72.5°	3500.8	3470.3	3682.6	4181.2	4674.4	*4648.1*	4352.0	3303.0	2574.7	2106.5	2259.9
75°	*2626.3*	*2545.0*	*2920.0*	*3768.1*	*4740.9*	*4971.8*	*4751.9*	*3567.3*	*2528.5*	*1861.2*	*1572.7*
77.5°	1123.2	1041.4	1483.3	2789.5	4243.1	*4647.7*	4385.0	3112.3	2018.4	1230.8	772.4
80°	294.0	293.6	448.2	1264.7	2885.6	*3432.2*	3011.0	2009.9	1153.2	439.8	213.1
82.5°	121.6	118.6	164.8	491.9	1410.0	*1926.0*	1571.8	896.5	416.5	119.1	70.8
85°	45.3	44.9	80.1	169.9	497.4	*794.4*	574.9	229.2	103.8	58.0	31.8
87.5°	12.7	12.3	17.4	58.9	121.2	*183.9*	98.3	37.7	29.2	22.9	9.3
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: P1202739
CATALOG NUMBER: GWC-SB2A-830-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	913.4	913.4	913.4	913.4	913.4	913.4	913.4	913.4	913.4	913.4	913.4
2.5°	916.4	918.5	922.3	925.3	929.1	933.4	939.3	943.1	946.9	949.5	947.8
5°	920.2	924.9	934.6	944.4	955.8	966.4	978.7	987.6	994.8	996.9	997.7
7.5°	928.7	936.3	952.8	969.4	987.6	1005.0	1022.7	1038.0	1050.3	1054.9	1055.4
10°	943.5	953.7	977.0	1000.3	1024.4	1051.1	1074.0	1096.0	1113.4	1120.6	1121.0
12.5°	962.2	974.9	1005.4	1037.6	1071.0	1107.9	1137.6	1164.7	1186.3	1196.0	1196.0
15°	986.3	1002.8	1041.8	1085.0	1134.2	1185.4	1223.1	1253.2	1277.4	1289.2	1288.4
17.5°	1012.6	1034.6	1083.8	1149.0	1219.3	1286.7	1330.8	1352.8	1377.8	1389.2	1388.8
20°	1038.0	1065.1	1135.4	1230.3	1324.0	1395.6	1431.2	1437.1	1438.8	1440.1	1443.5
22.5°	1064.3	1100.7	1200.3	1332.9	1433.3	1482.9	1487.9	1462.5	1426.9	1410.4	1415.1
25°	1093.1	1141.4	1285.0	1446.0	1527.3	1533.3	1494.3	1432.4	1365.1	1334.1	1338.8
27.5°	1121.0	1188.4	1386.7	1554.0	1595.1	1543.0	1459.1	1371.4	1290.1	1257.5	1261.3
30°	1149.0	1242.2	1499.0	1648.5	1626.1	1518.9	1403.6	1305.8	1224.0	1189.7	1193.5
32.5°	1177.4	1304.9	1628.2	1716.7	1620.5	1467.6	1334.6	1232.0	1160.0	1124.0	1128.7
35°	1209.6	1382.0	1750.6	1754.0	1583.7	1392.2	1243.5	1143.9	1081.2	1052.4	1058.8
37.5°	1251.5	1479.9	1858.7	1763.3	1519.3	1281.6	1130.4	1039.7	988.0	974.9	984.2
40°	1303.6	1597.7	1941.3	1748.5	1424.0	1147.3	1006.6	934.2	905.0	907.9	918.1
42.5°	1371.4	1729.4	1999.3	1710.4	1291.4	1008.8	898.2	866.0	880.0	891.8	902.8
45°	1459.6	1866.3	2035.3	1645.5	1141.4	891.4	834.2	841.8	852.4	853.7	862.2
47.5°	1572.2	2004.8	2059.0	1547.7	988.4	808.8	793.5	795.2	793.1	784.2	791.0
50°	1712.9	2139.5	2080.2	1418.0	858.4	757.1	736.8	730.8	701.6	672.8	676.6
52.5°	1873.1	2263.3	2089.1	1257.0	757.1	713.9	680.8	643.6	588.9	580.0	583.0
55°	2051.0	2377.7	2066.3	1059.2	671.9	658.4	608.4	563.5	557.6	549.9	551.2
57.5°	2263.7	2500.9	2019.6	838.4	584.7	593.6	544.8	549.9	539.3	527.5	525.4
60°	2496.3	2628.5	1937.9	637.2	494.4	512.6	528.3	527.9	524.9	515.2	511.8
62.5°	2705.6	2712.4	1776.9	488.1	415.2	449.9	492.7	492.3	489.8	484.3	482.1
65°	2830.1	2699.6	1508.3	384.3	350.0	398.3	444.4	447.8	448.2	447.8	447.8
67.5°	2808.1	2550.9	1139.7	305.9	296.1	345.7	396.6	401.2	404.6	405.5	406.3
70°	2559.0	2224.3	743.1	244.0	248.3	299.5	351.2	355.9	358.9	362.2	363.9
72.5°	1994.7	1635.4	425.4	197.4	206.3	259.7	306.3	311.8	313.5	319.9	322.4
75°	*1215.5*	*961.7*	*229.6*	*155.5*	*169.5*	*222.0*	*261.8*	*268.2*	*271.2*	*278.8*	*279.6*
77.5°	577.9	416.5	130.9	121.2	136.4	181.3	221.2	228.4	220.3	224.5	221.2
80°	195.3	154.6	82.6	92.4	104.2	141.5	177.1	184.3	167.4	166.5	164.8
82.5°	68.2	62.7	52.5	61.4	67.4	101.3	133.9	143.2	124.6	124.1	118.2
85°	26.7	25.4	29.2	33.5	40.2	62.3	88.1	92.8	76.7	61.9	61.0
87.5°	5.5	5.9	7.2	7.6	12.3	21.6	31.8	39.0	30.9	26.3	24.1
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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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

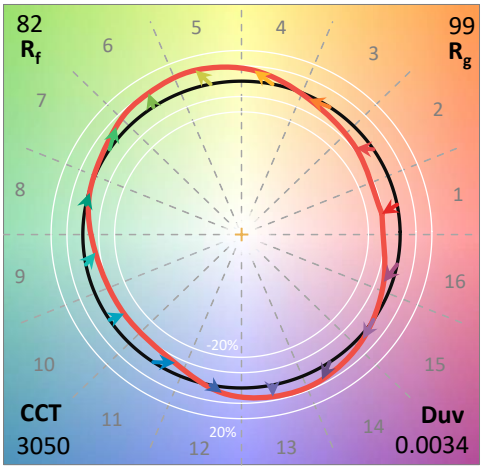
Test Information

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

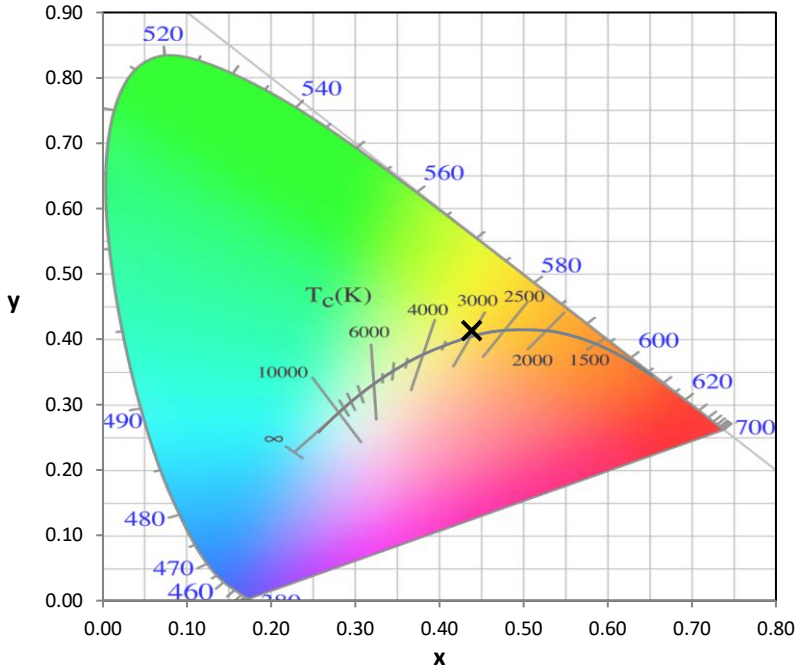
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

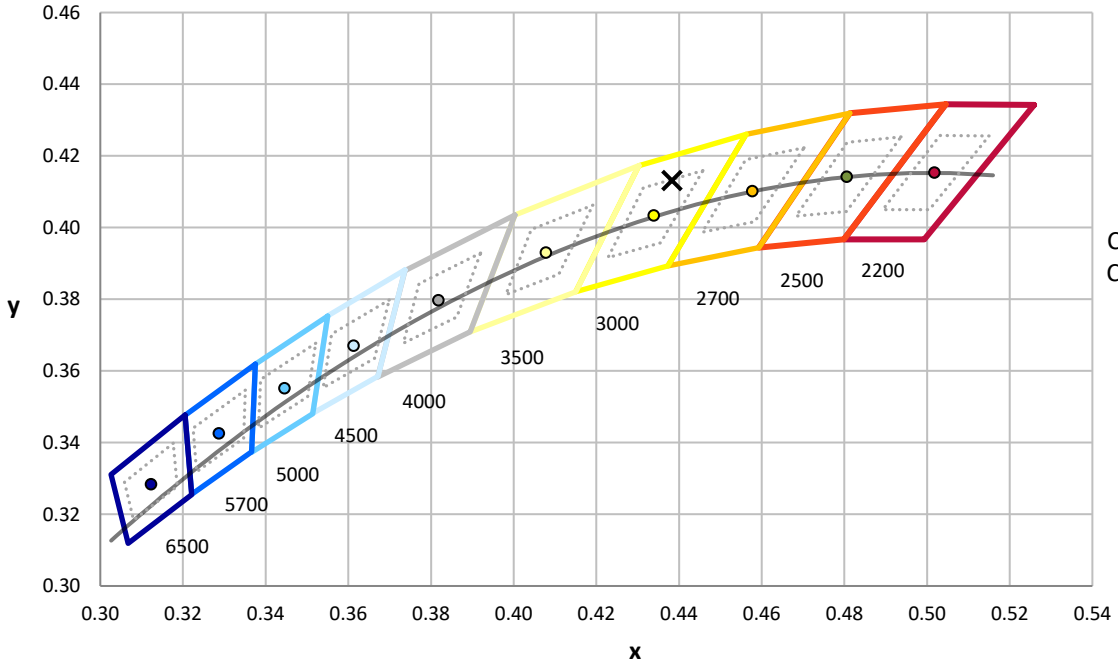
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

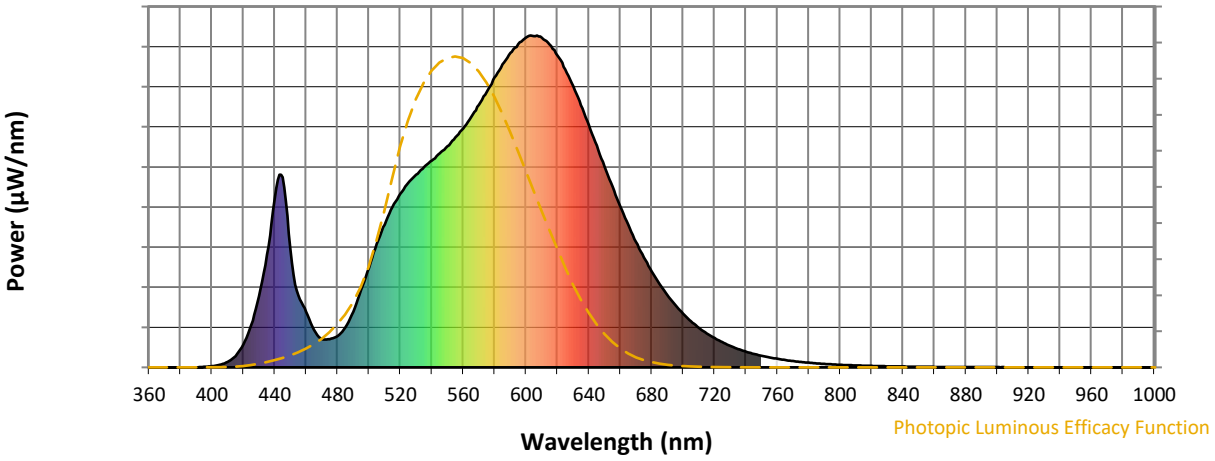


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

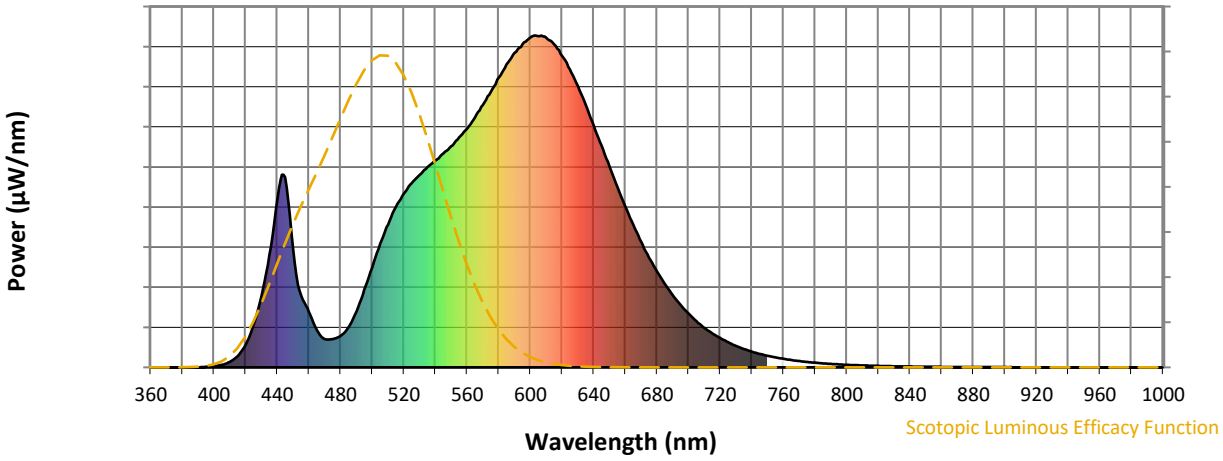


Photopic Lumens: NR

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

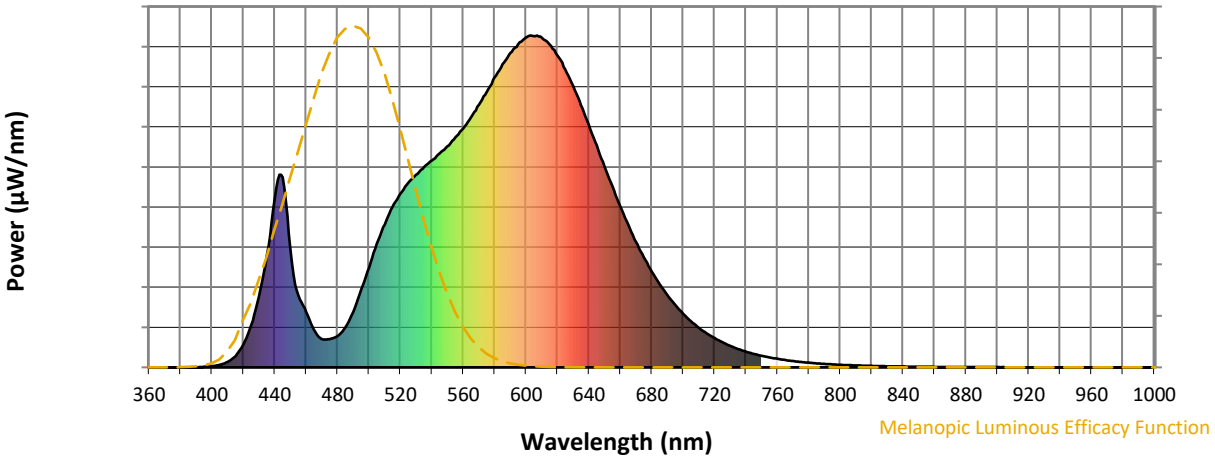


Scotopic Lumens: NR **S/P: 1.27**

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			

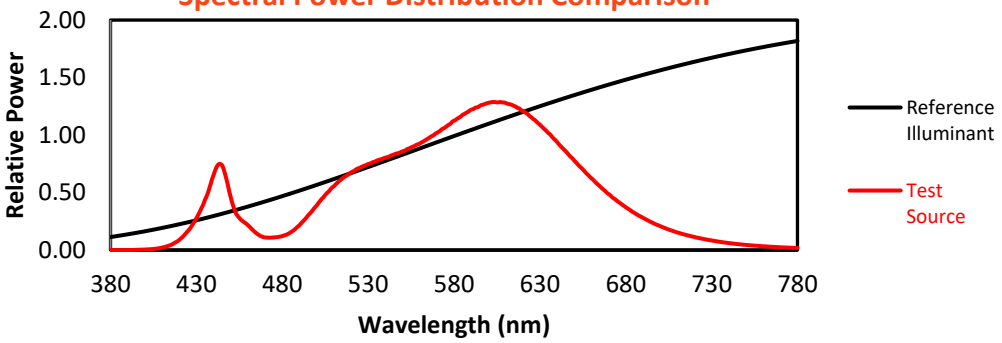
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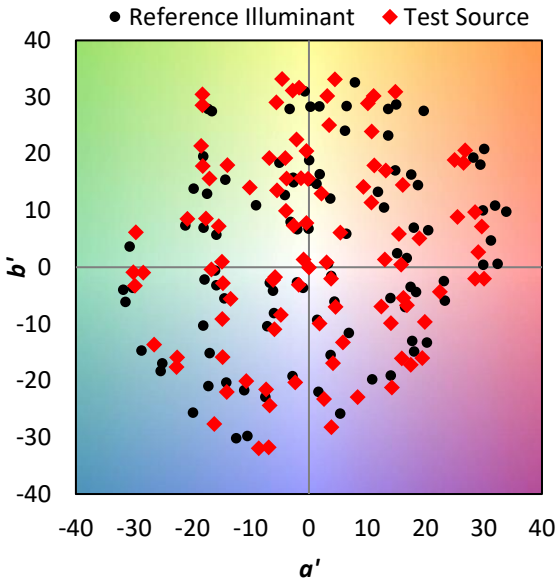
Summary

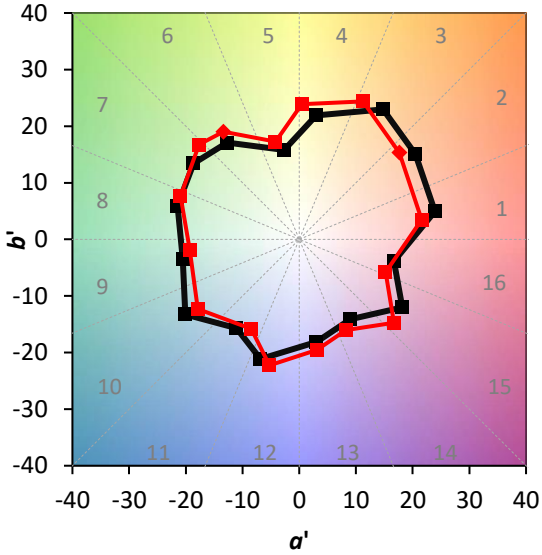
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

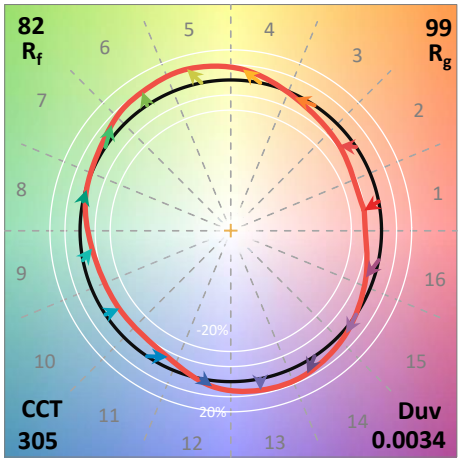
Spectral Power Distribution Comparison

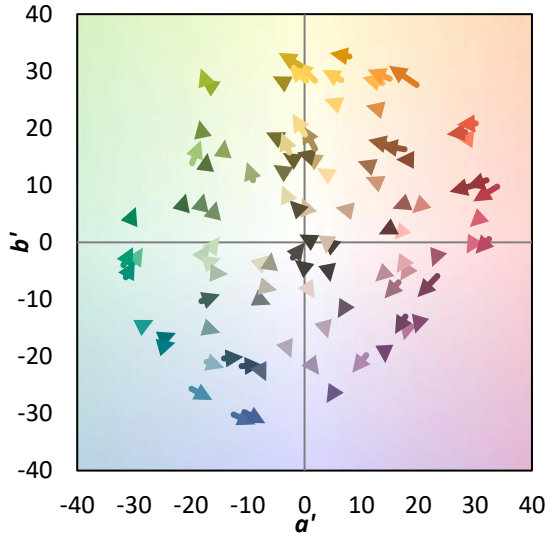


Color Vector Graphics







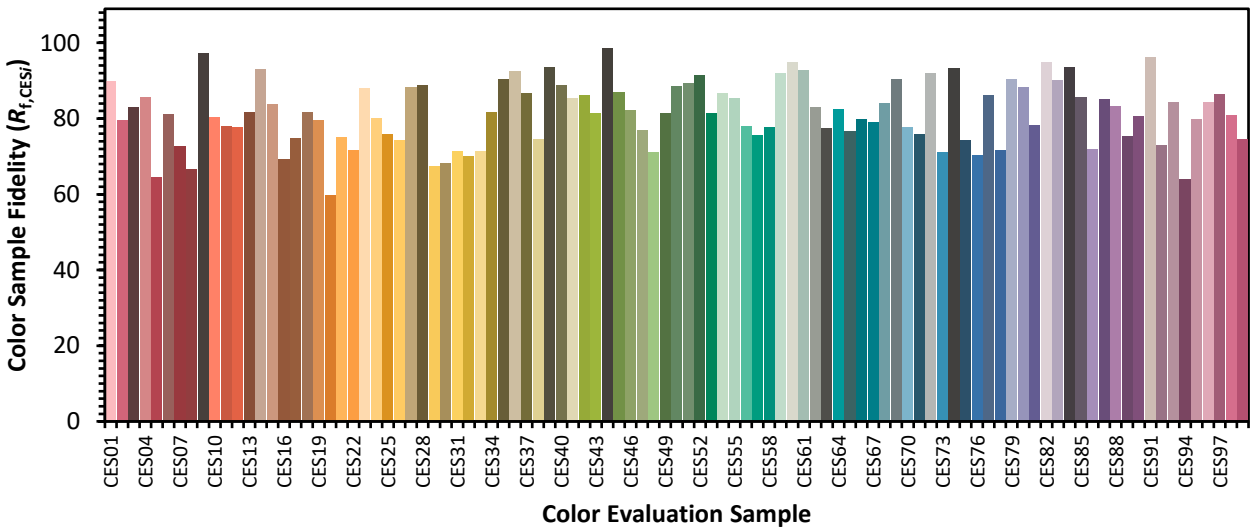


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Individual Sample Fidelity Index ($R_{f,i}$)

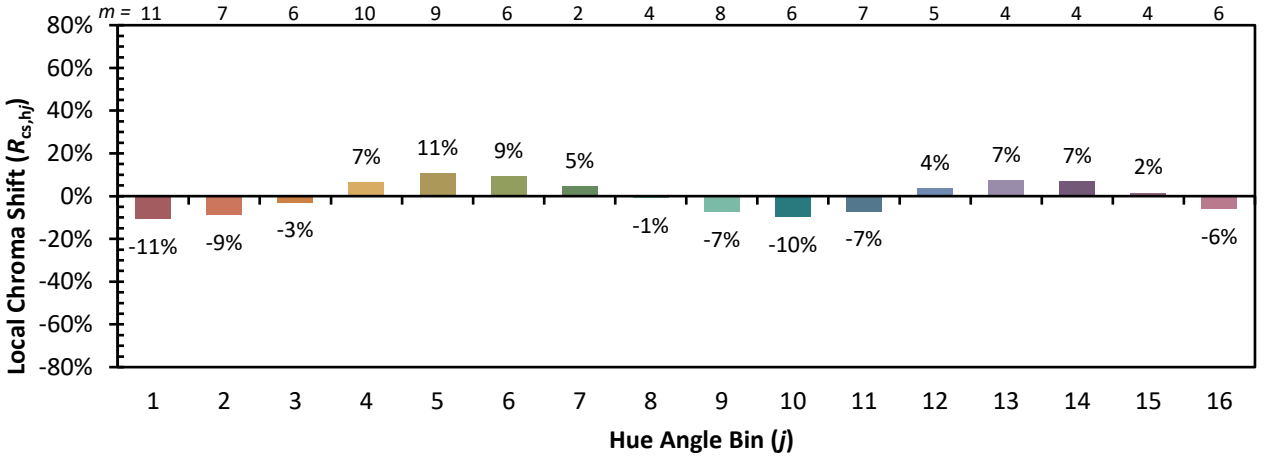
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

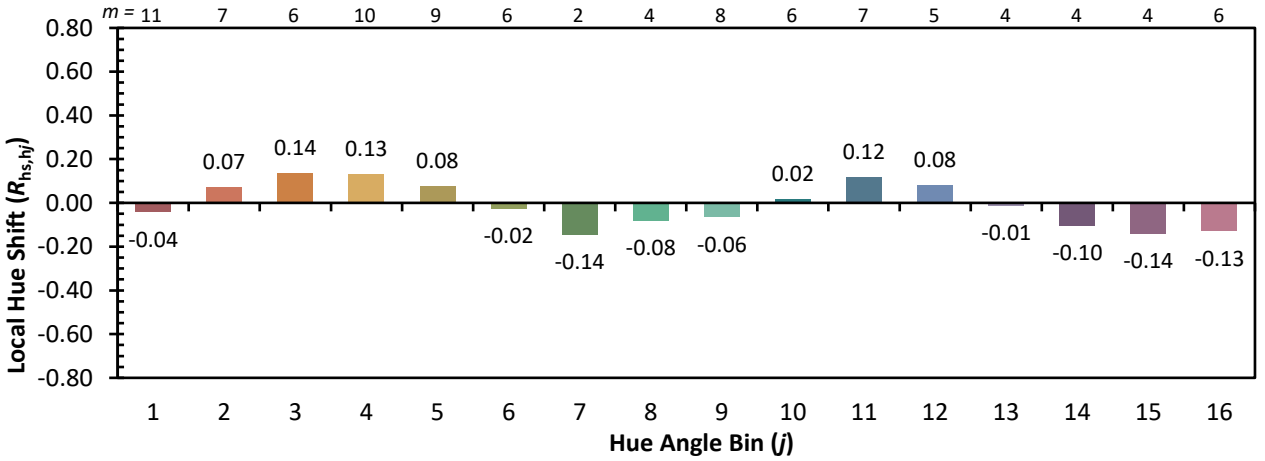


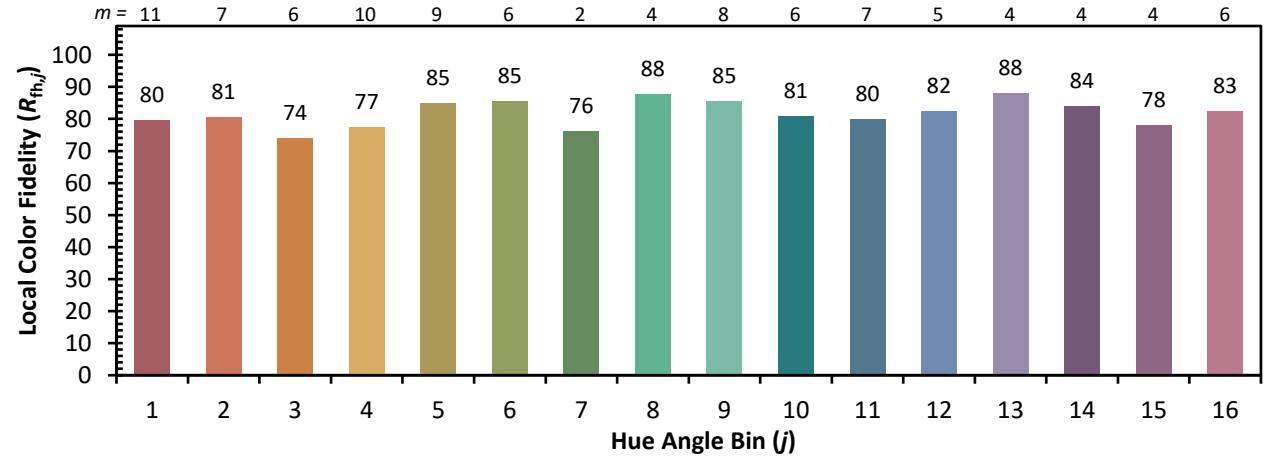
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Color Rendition by Hue-Angle Bin



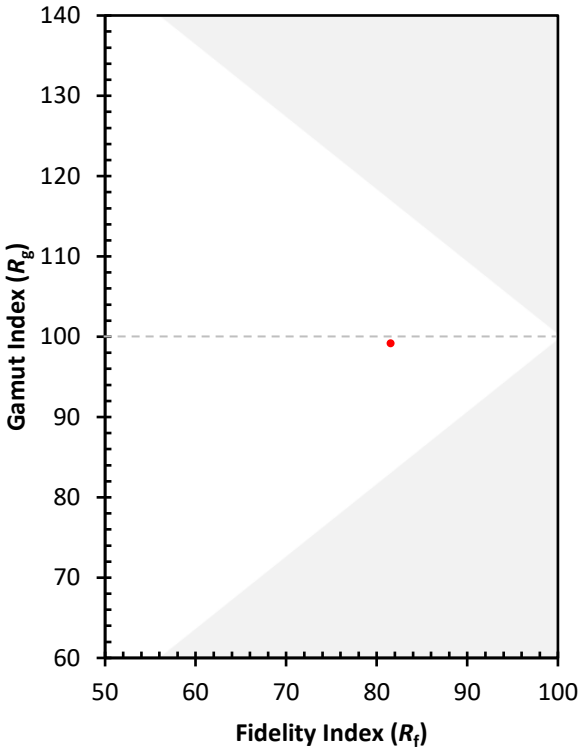


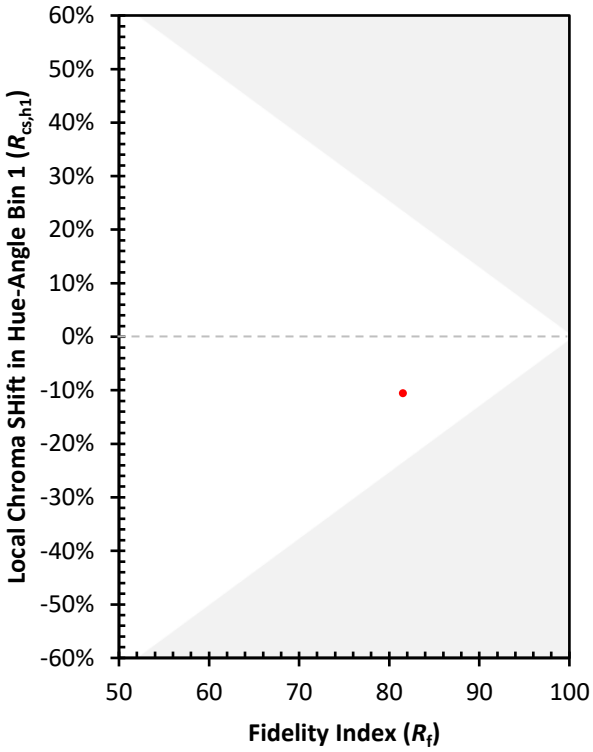


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Measure Comparisons





(END OF REPORT)