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: P1202365

Luminaire Tested: GWC-SB1D-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:	P1202365
	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-SB1D-830-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9112 lumens
Efficiency:	N/A
Efficacy:	114.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

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

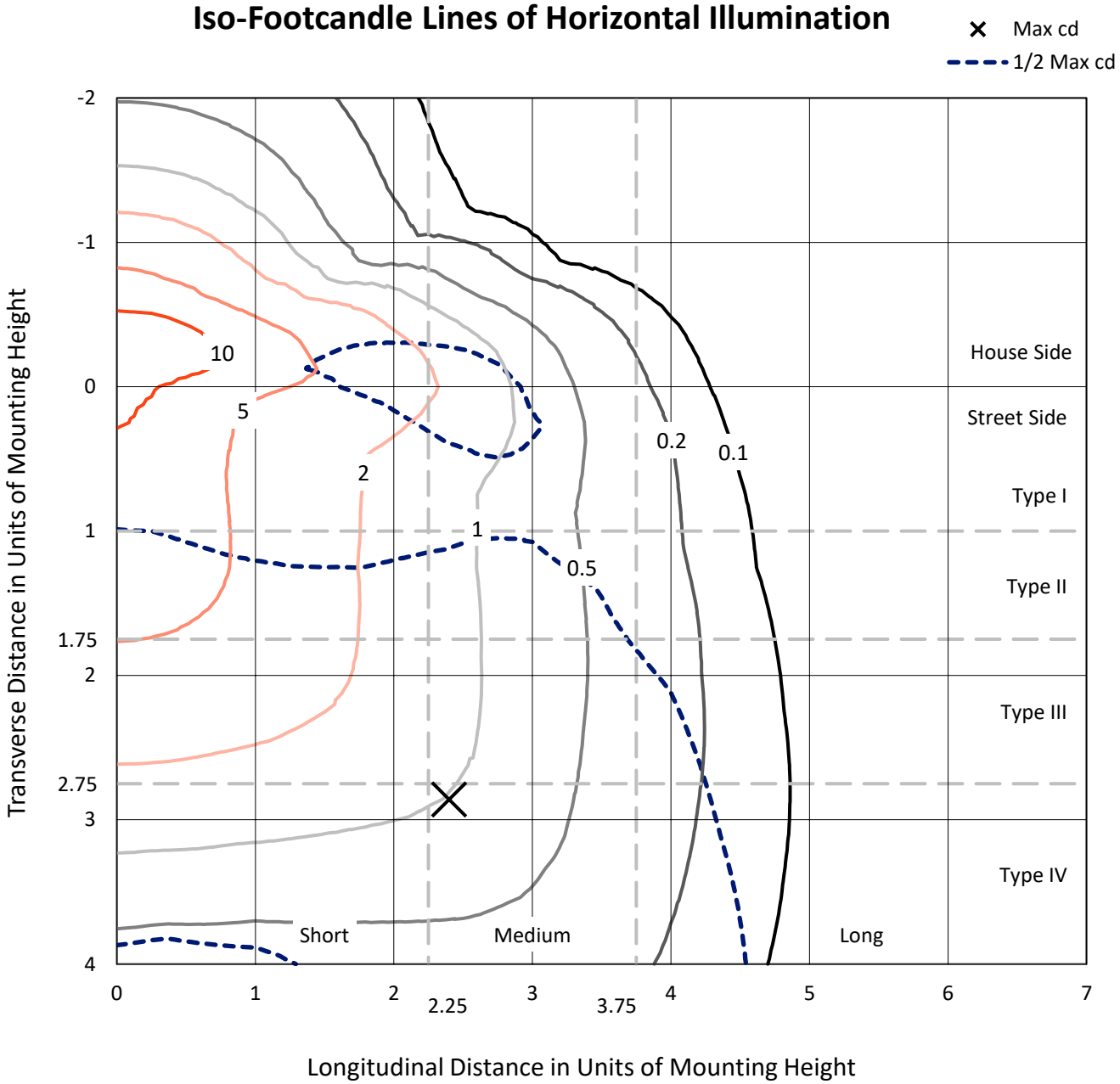


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REPORT NUMBER: P1202365
CATALOG NUMBER: GWC-SB1D-830-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



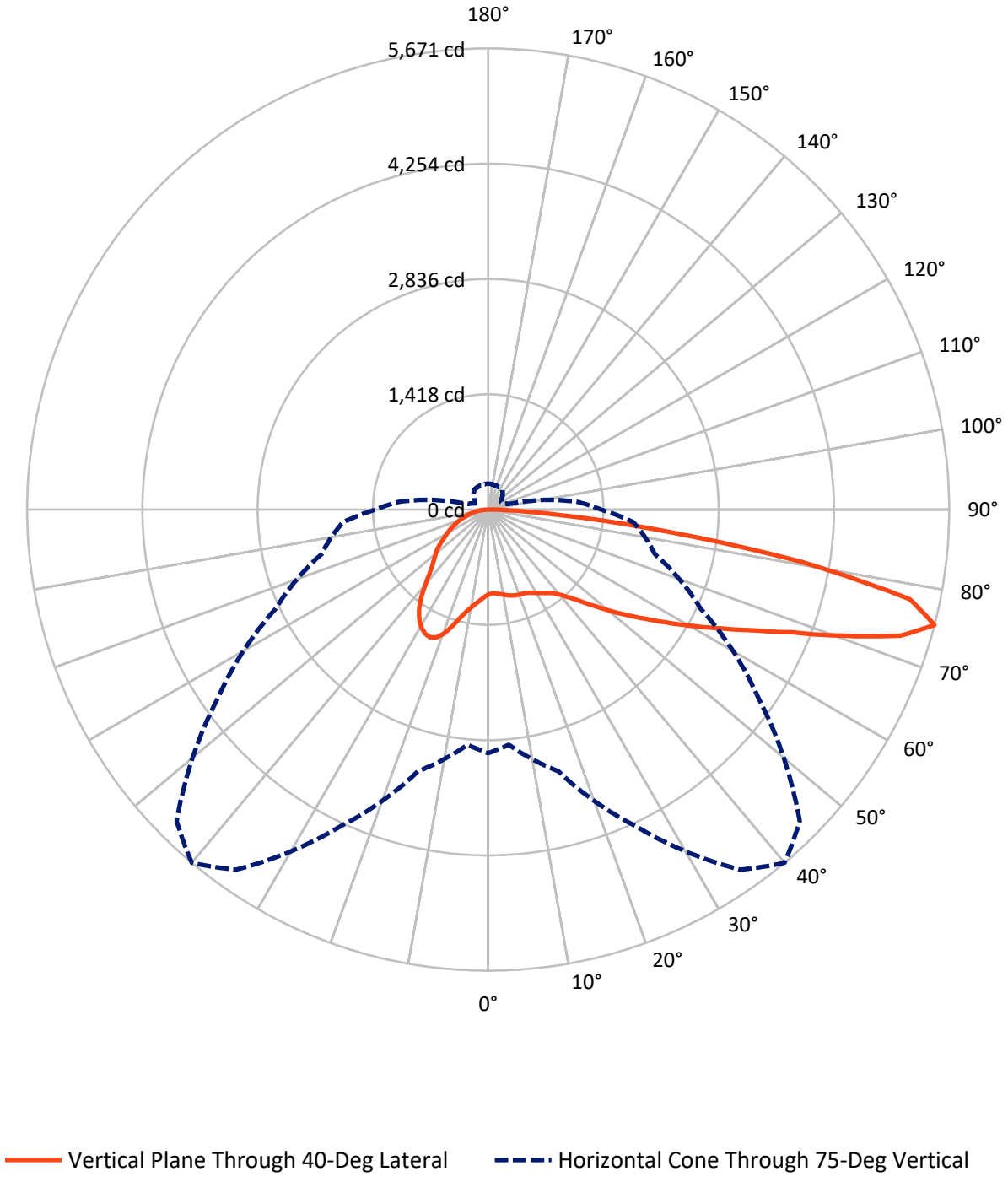
Based on 10 foot mounting height. Maximum calculated value = 9.8 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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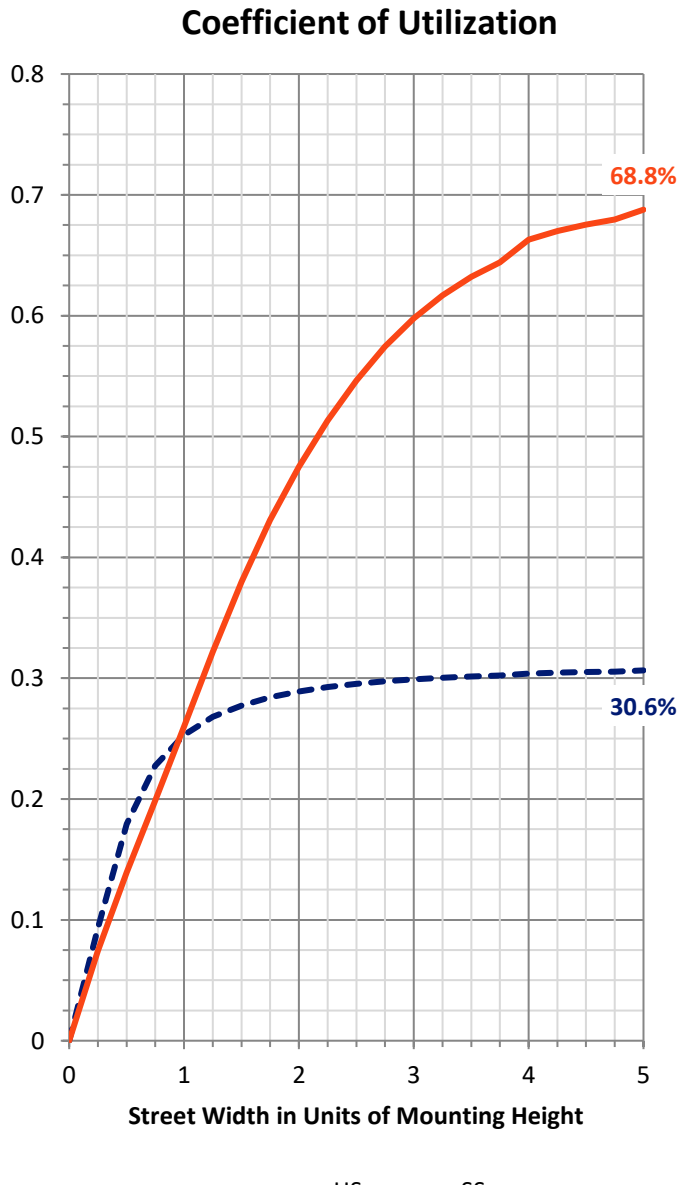
REPORT NUMBER: P1202365
CATALOG NUMBER: GWC-SB1D-830-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2823.2	0.0	2823.2
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6288.8	0.0	6288.8
	% Fixture	69.0	0.0	69.0
Total	Lumens	9112.0	0.0	9112.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.0	1.1
10°-20°	349.2	3.8
20°-30°	637.6	7.0
30°-40°	904.3	9.9
40°-50°	1221.1	13.4
50°-60°	1642.7	18.0
60°-70°	2085.0	22.9
70°-80°	1892.2	20.8
80°-90°	275.8	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°	9112.0	100.0
0°-180°	9112.0	100.0



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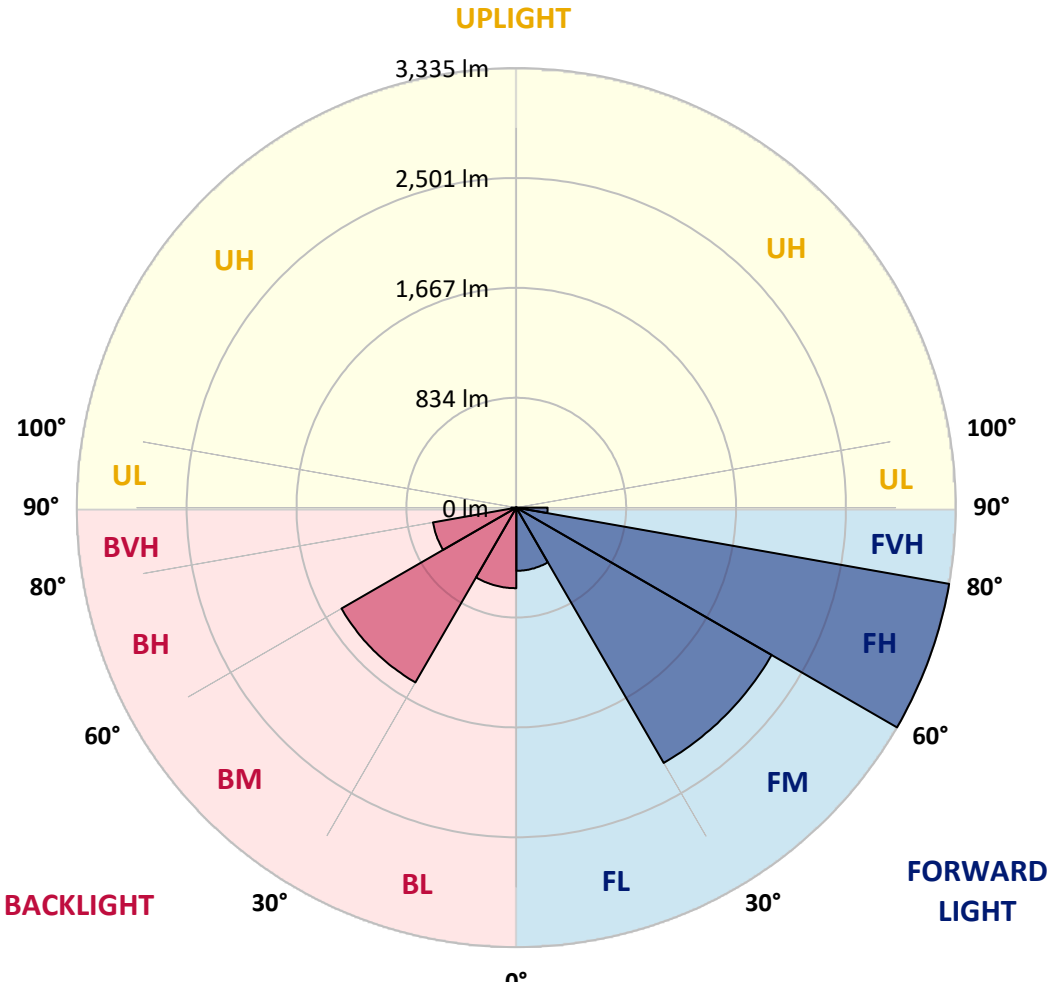
Scaled Data Report

REPORT NUMBER: P1202365
CATALOG NUMBER: GWC-SB1D-830-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	479.3	5.3			
FM	(30°-60°)	2236.8	24.5			
FH	(60°-80°)	3334.9	36.6			G2/5000
FVH	(80°-90°)	237.8	2.6			G3/500
BL	(0°-30°)	611.5	6.7	B2/1000		
BM	(30°-60°)	1531.3	16.8	B2/2500		
BH	(60°-80°)	642.4	7.0	B2/1000		G2/1000
BVH	(80°-90°)	38.0	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-G3
Type IV Medium



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REPORT NUMBER: P1202365
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1042.0	1042.0	1042.0	1042.0	1042.0	*1042.0*	1042.0	1042.0	1042.0	1042.0	1042.0
2.5°	1026.0	1031.8	1030.4	1028.4	1028.4	*1028.9*	1028.4	1031.8	1035.2	1038.6	1043.9
5°	1036.7	1042.5	1039.6	1037.1	1035.2	*1034.7*	1033.3	1032.8	1034.7	1039.1	1046.3
7.5°	1057.4	1063.2	1058.9	1054.5	1050.7	*1048.7*	1046.8	1043.9	1042.5	1044.9	1055.0
10°	1080.6	1086.4	1081.1	1073.4	1067.1	*1064.7*	1062.8	1059.9	1057.9	1059.4	1070.5
12.5°	1103.8	1109.6	1102.4	1091.7	1083.5	*1082.1*	1079.7	1078.7	1078.2	1077.7	1088.8
15°	1125.6	1130.4	1121.2	1108.7	1100.0	*1097.5*	1095.1	1096.6	1099.0	1101.9	1114.5
17.5°	1142.5	1147.3	1133.8	1117.4	1109.1	*1108.2*	1106.7	1111.6	1118.3	1125.6	1141.0
20°	1158.0	1162.8	1145.4	1123.2	1113.5	*1113.5*	1114.0	1124.1	1133.8	1144.4	1165.7
22.5°	1179.7	1183.6	1162.3	1131.9	1117.8	*1118.8*	1122.7	1132.8	1144.9	1159.4	1188.9
25°	1212.1	1215.0	1188.9	1148.3	1132.3	*1135.2*	1138.6	1143.5	1155.1	1172.0	1211.6
27.5°	1264.3	1266.7	1232.4	1177.3	1153.1	*1158.0*	1162.8	1159.4	1164.7	1179.2	1230.0
30°	1337.7	1339.2	1295.7	1222.7	1188.4	*1190.8*	1191.8	1177.8	1167.6	1179.2	1243.0
32.5°	1424.7	1424.3	1372.5	1277.8	1228.5	*1226.1*	1217.9	1190.3	1166.7	1176.8	1254.6
35°	1559.6	1554.3	1487.6	1355.1	1273.9	*1259.0*	1239.6	1204.4	1171.5	1174.4	1264.8
37.5°	1782.9	1766.4	1674.1	1481.8	1341.6	*1303.4*	1274.9	1227.1	1182.1	1173.4	1276.8
40°	2034.6	2013.9	1912.4	1655.3	1443.1	*1381.7*	1335.8	1259.4	1199.5	1177.8	1294.7
42.5°	2333.3	2303.8	2194.6	1859.7	1571.7	*1482.7*	1413.6	1300.5	1225.1	1191.8	1318.9
45°	2700.1	2661.0	2506.3	2090.2	1733.6	*1615.1*	1522.8	1362.9	1264.3	1218.9	1355.1
47.5°	3070.8	3080.5	2860.6	2354.1	1927.8	*1778.5*	1659.6	1456.6	1321.3	1262.3	1413.6
50°	3464.7	3471.5	3212.9	2646.5	2148.2	*1963.1*	1813.3	1561.5	1400.6	1324.2	1501.1
52.5°	3772.1	3773.0	3532.8	2952.4	2377.8	*2166.1*	1979.1	1681.4	1492.4	1406.4	1617.6
55°	3964.4	3962.0	3757.1	3241.9	2641.7	*2379.2*	2162.7	1817.6	1604.5	1503.0	1764.0
57.5°	4104.1	4096.8	3911.7	3490.8	2922.9	*2631.0*	2370.5	1972.3	1736.9	1618.0	1956.8
60°	4157.2	4152.9	4016.6	3705.9	3218.7	*2909.4*	2610.2	2145.3	1887.2	1753.9	2204.8
62.5°	4177.5	4185.8	4119.5	3914.2	3535.3	*3217.7*	2873.6	2352.2	2056.4	1907.5	2466.2
65°	4249.1	4264.1	4250.5	4186.7	3892.9	*3578.7*	3223.0	2598.2	2241.0	2072.3	2739.3
67.5°	4390.7	4405.7	4411.5	4512.9	4329.8	*4028.7*	3659.0	2904.6	2457.0	2243.4	2944.7
70°	4387.3	4382.9	4485.4	4772.5	4876.9	*4651.6*	4246.7	3281.5	2714.6	2385.5	2970.8
72.5°	3993.4	3958.6	4200.7	4769.6	5332.1	*5302.2*	4964.3	3767.7	2936.9	2402.9	2577.9
75°	*2995.9*	*2903.1*	*3330.8*	*4298.4*	*5408.0*	*5671.4*	*5420.6*	*4069.3*	*2884.3*	*2123.1*	*1794.0*
77.5°	1281.2	1187.9	1692.0	3182.0	4840.1	*5301.7*	5002.0	3550.2	2302.4	1404.0	881.0
80°	335.4	334.9	511.3	1442.6	3291.7	*3915.1*	3434.7	2292.7	1315.5	501.7	243.1
82.5°	138.7	135.3	188.0	561.1	1608.4	*2197.0*	1793.0	1022.6	475.1	135.8	80.7
85°	51.7	51.2	91.3	193.8	567.4	*906.2*	655.8	261.5	118.4	66.2	36.2
87.5°	14.5	14.0	19.8	67.2	138.2	*209.7*	112.1	43.0	33.3	26.1	10.6
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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Scaled Data Report

REPORT NUMBER: P1202365
CATALOG NUMBER: GWC-SB1D-830-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0	1042.0
2.5°	1045.4	1047.8	1052.1	1055.5	1059.9	1064.7	1071.4	1075.8	1080.1	1083.0	1081.1
5°	1049.7	1055.0	1066.1	1077.2	1090.3	1102.4	1116.4	1126.5	1134.8	1137.2	1138.1
7.5°	1059.4	1068.1	1086.9	1105.8	1126.5	1146.4	1166.7	1184.1	1198.1	1203.4	1203.9
10°	1076.3	1087.9	1114.5	1141.0	1168.6	1199.0	1225.1	1250.3	1270.1	1278.3	1278.8
12.5°	1097.5	1112.0	1146.8	1183.6	1221.8	1263.8	1297.6	1328.6	1353.2	1364.3	1364.3
15°	1125.1	1143.9	1188.4	1237.7	1293.8	1352.2	1395.3	1429.6	1457.1	1470.6	1469.7
17.5°	1155.1	1180.2	1236.3	1310.7	1390.9	1467.7	1518.0	1543.1	1571.7	1584.7	1584.2
20°	1184.1	1215.0	1295.2	1403.5	1510.3	1592.0	1632.5	1639.3	1641.2	1642.7	1646.6
22.5°	1214.0	1255.6	1369.2	1520.4	1635.0	1691.5	1697.3	1668.3	1627.7	1608.9	1614.2
25°	1246.9	1302.0	1465.8	1649.5	1742.3	1749.0	1704.6	1634.0	1557.2	1521.9	1527.2
27.5°	1278.8	1355.6	1581.8	1772.7	1819.6	1760.1	1664.4	1564.4	1471.6	1434.4	1438.7
30°	1310.7	1417.0	1709.9	1880.5	1854.9	1732.6	1601.1	1489.5	1396.2	1357.1	1361.4
32.5°	1343.1	1488.5	1857.3	1958.3	1848.6	1674.1	1522.4	1405.4	1323.2	1282.2	1287.5
35°	1379.8	1576.5	1996.9	2000.8	1806.5	1588.1	1418.5	1304.9	1233.4	1200.5	1207.7
37.5°	1427.6	1688.1	2120.2	2011.4	1733.1	1461.9	1289.4	1186.0	1127.0	1112.0	1122.7
40°	1487.1	1822.5	2214.4	1994.5	1624.3	1308.7	1148.3	1065.7	1032.3	1035.7	1047.3
42.5°	1564.4	1972.8	2280.6	1951.0	1473.1	1150.7	1024.6	987.8	1003.8	1017.3	1029.9
45°	1664.9	2128.9	2321.7	1877.1	1302.0	1016.8	951.6	960.3	972.4	973.8	983.5
47.5°	1793.5	2286.9	2348.8	1765.5	1127.5	922.6	905.2	907.1	904.7	894.6	902.3
50°	1953.9	2440.6	2372.9	1617.6	979.1	863.6	840.4	833.7	800.3	767.5	771.8
52.5°	2136.6	2581.7	2383.1	1433.9	863.6	814.3	776.6	734.1	671.8	661.6	665.0
55°	2339.6	2712.2	2357.0	1208.2	766.5	751.0	694.0	642.8	636.0	627.3	628.8
57.5°	2582.2	2852.9	2303.8	956.4	666.9	677.1	621.5	627.3	615.2	601.7	599.3
60°	2847.5	2998.3	2210.6	726.9	564.0	584.8	602.7	602.2	598.8	587.7	583.8
62.5°	3086.3	3094.0	2026.9	556.7	473.6	513.3	562.1	561.6	558.7	552.4	550.0
65°	3228.4	3079.5	1720.5	438.3	399.2	454.3	507.0	510.8	511.3	510.8	510.8
67.5°	3203.2	2909.9	1300.0	348.9	337.8	394.4	452.4	457.7	461.5	462.5	463.5
70°	2919.1	2537.3	847.7	278.4	283.2	341.7	400.6	406.0	409.3	413.2	415.1
72.5°	2275.3	1865.5	485.2	225.2	235.4	296.3	349.4	355.7	357.6	364.9	367.8
75°	*1386.6*	*1097.1*	*261.9*	*177.4*	*193.3*	*253.2*	*298.7*	*305.9*	*309.3*	*318.0*	*319.0*
77.5°	659.2	475.1	149.3	138.2	155.6	206.8	252.3	260.5	251.3	256.1	252.3
80°	222.8	176.4	94.2	105.4	118.9	161.4	202.0	210.2	190.9	189.9	188.0
82.5°	77.8	71.5	59.9	70.1	76.8	115.5	152.7	163.4	142.1	141.6	134.8
85°	30.4	29.0	33.3	38.2	45.9	71.0	100.5	105.8	87.5	70.6	69.6
87.5°	6.3	6.8	8.2	8.7	14.0	24.6	36.2	44.5	35.3	30.0	27.5
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

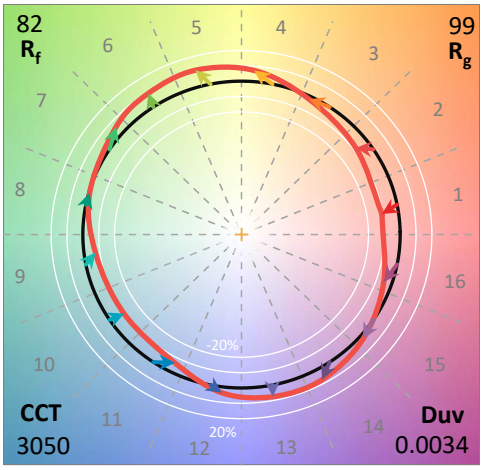
Test Information

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

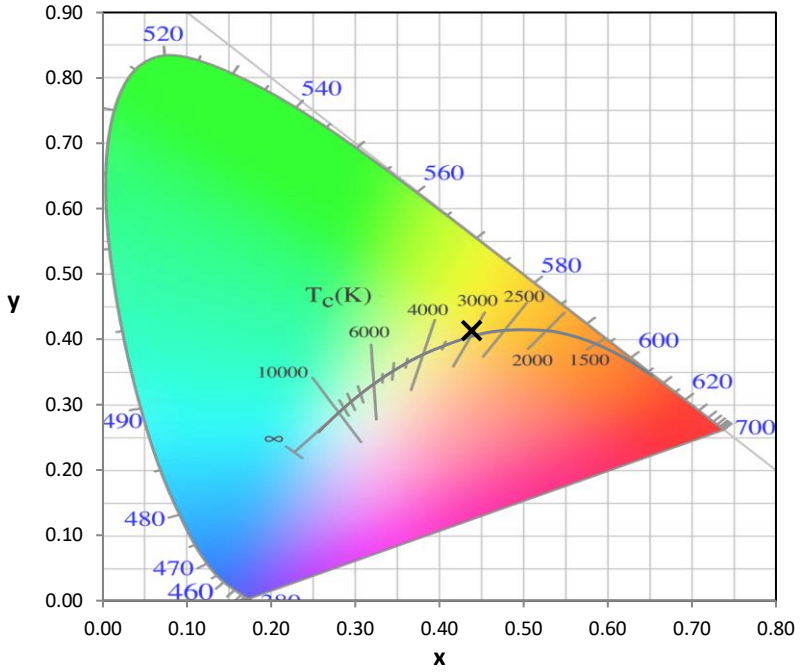
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

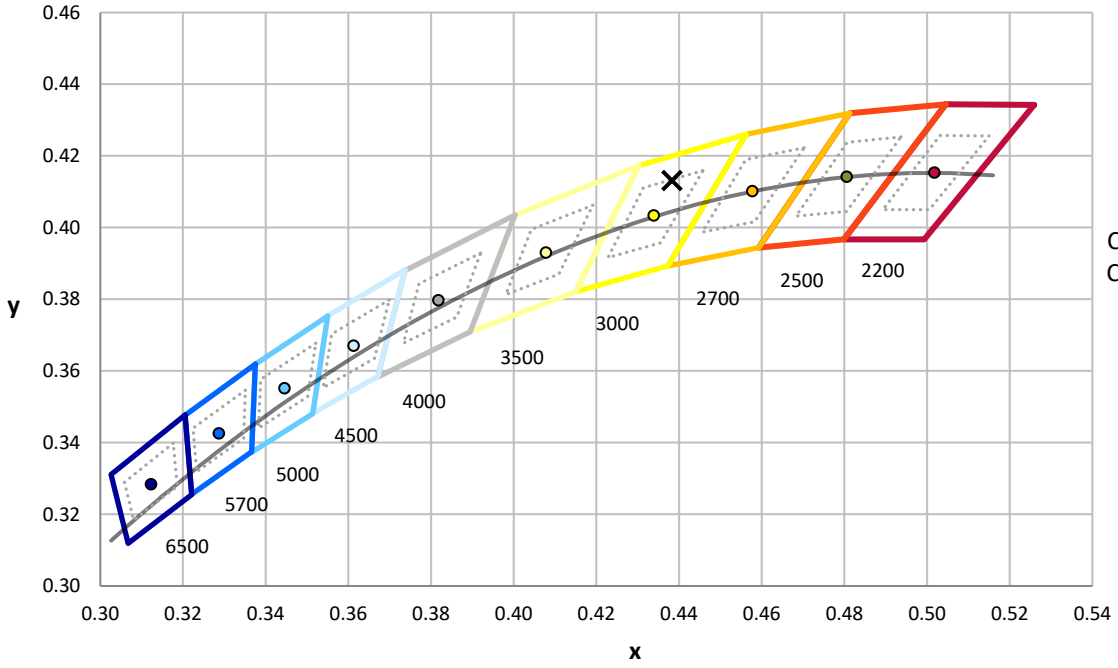
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

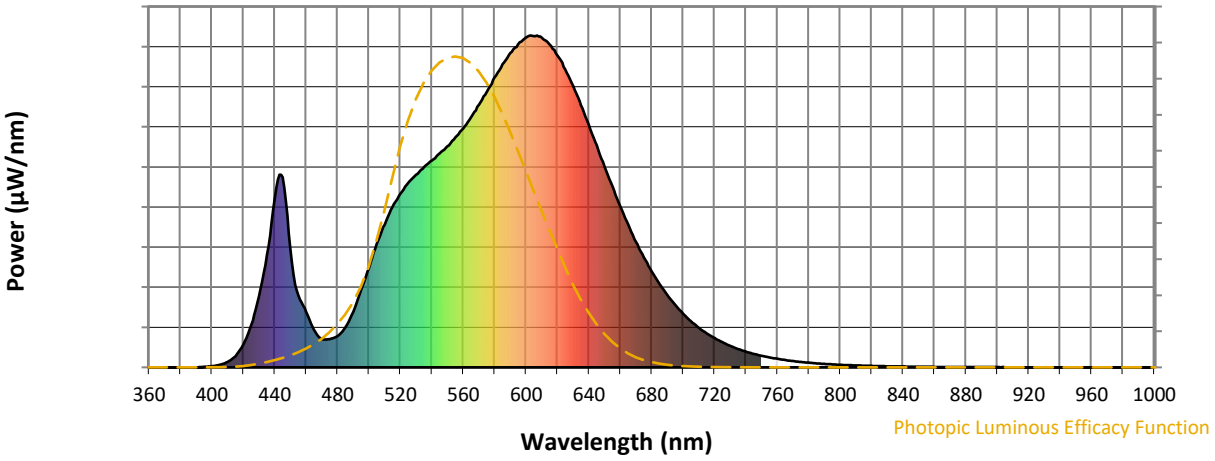


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

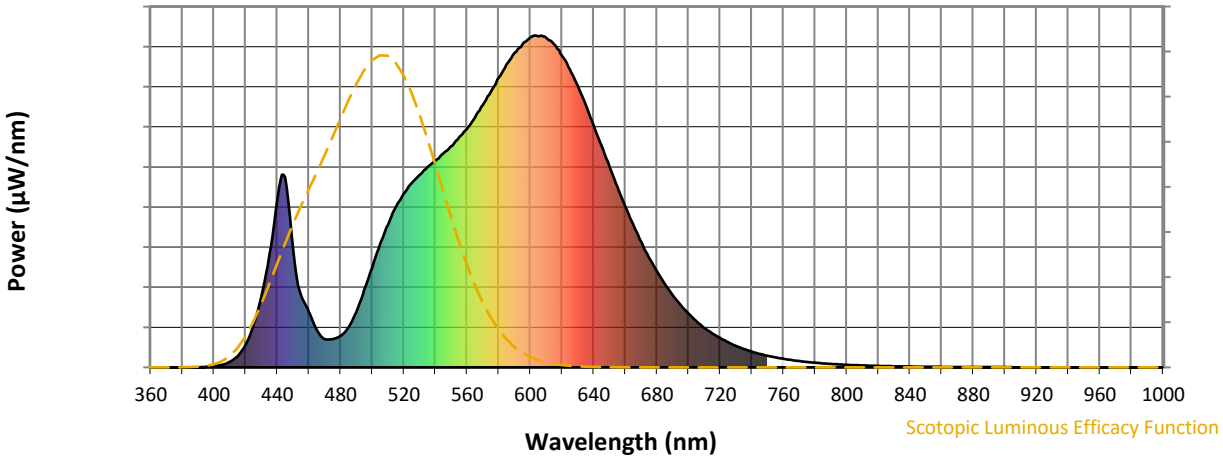


Photopic Lumens: NR

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

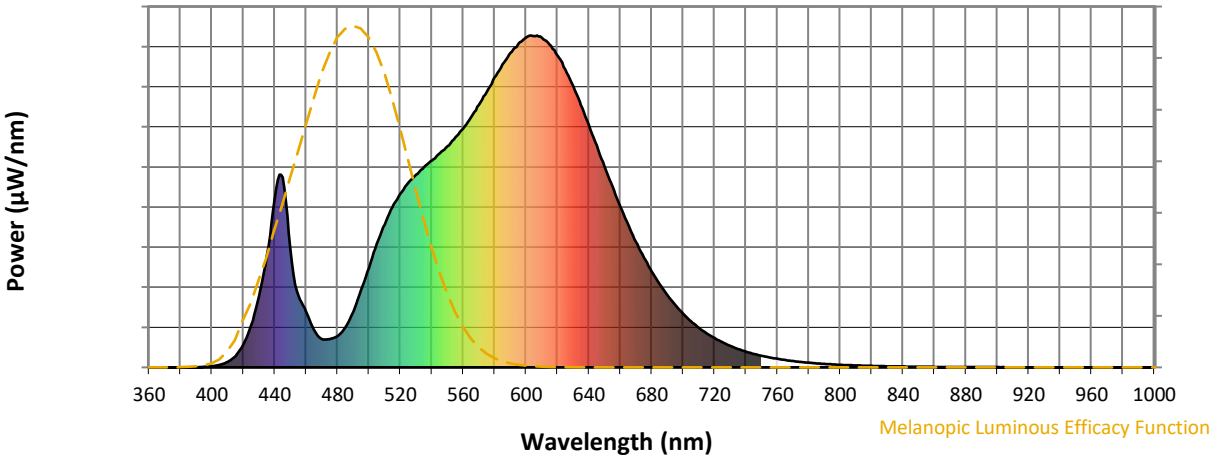


Scotopic Lumens: NR **S/P: 1.27**

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			

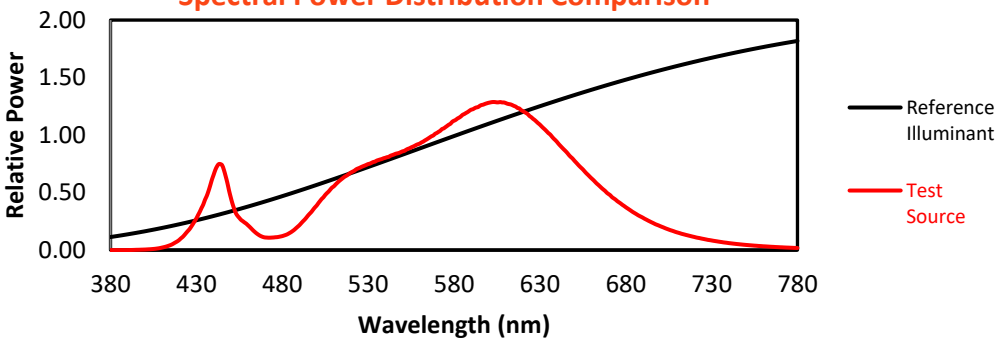
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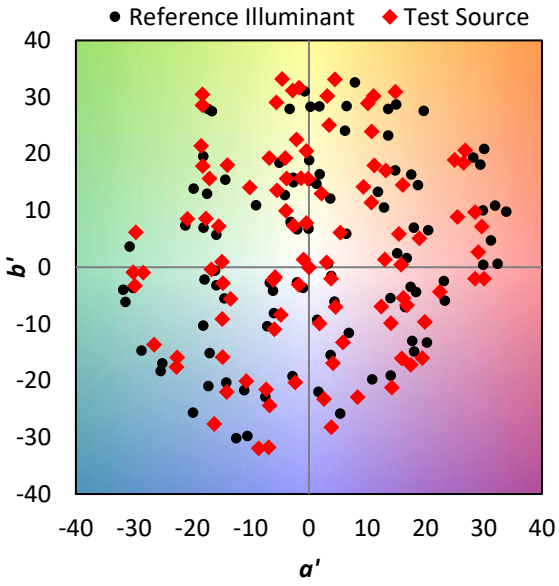
Summary

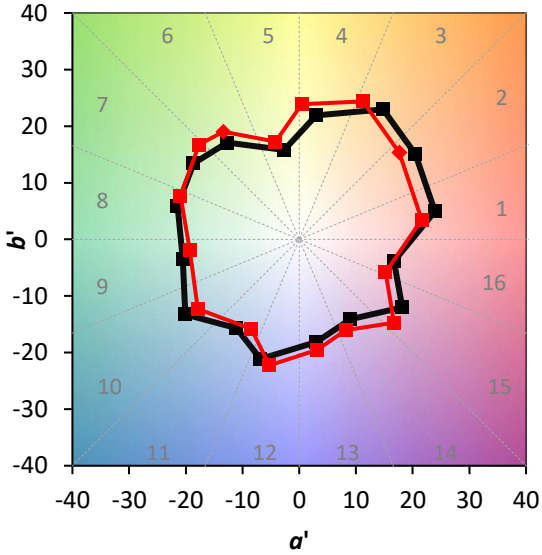
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

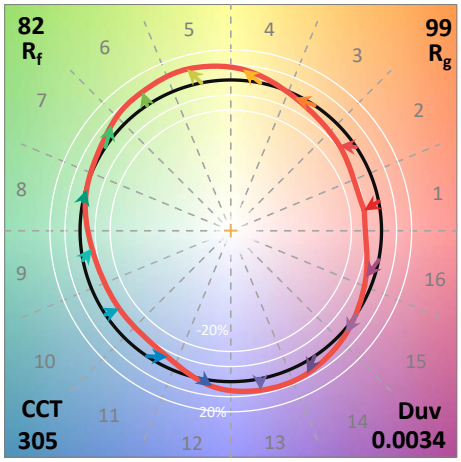
Spectral Power Distribution Comparison

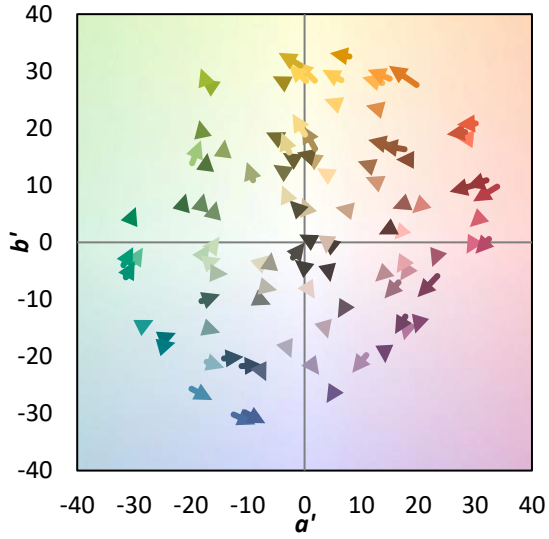


Color Vector Graphics







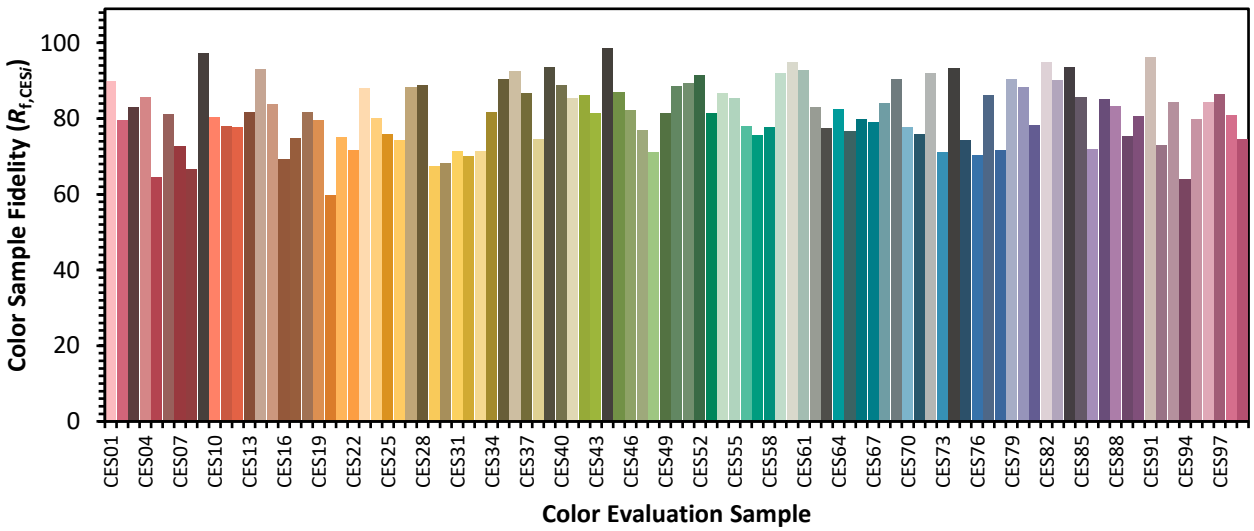


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Individual Sample Fidelity Index ($R_{f,i}$)

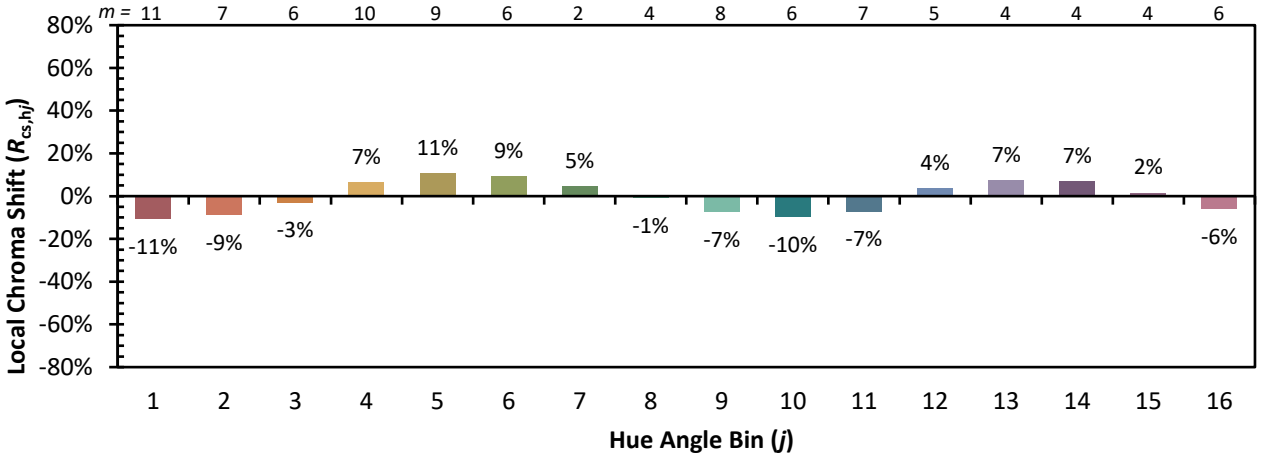
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

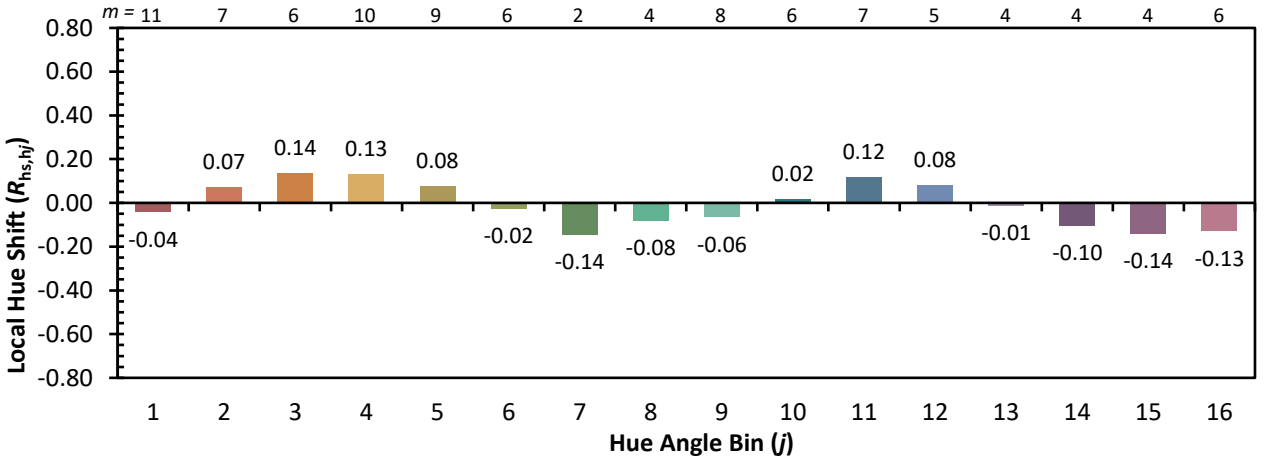


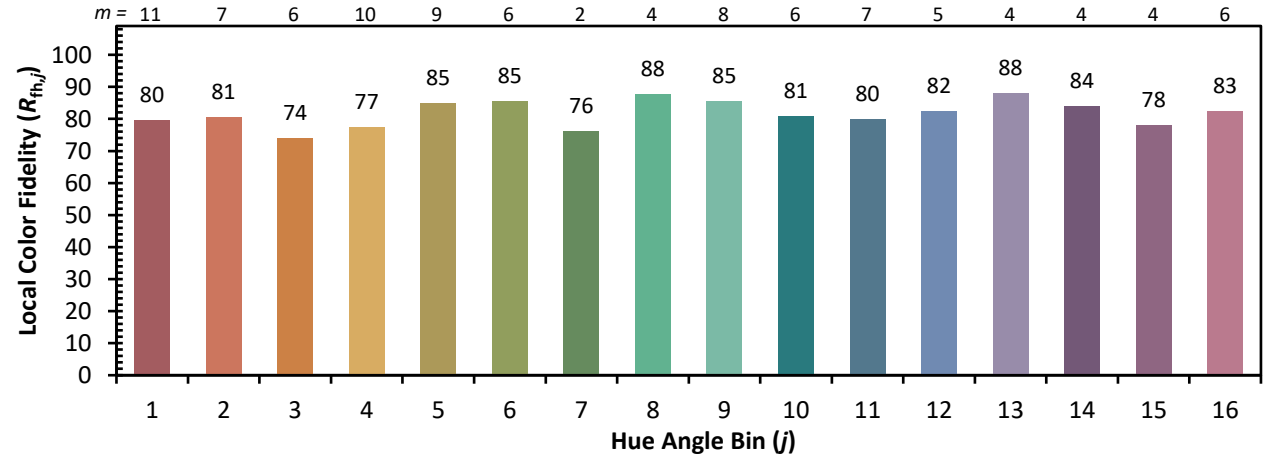
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Color Rendition by Hue-Angle Bin



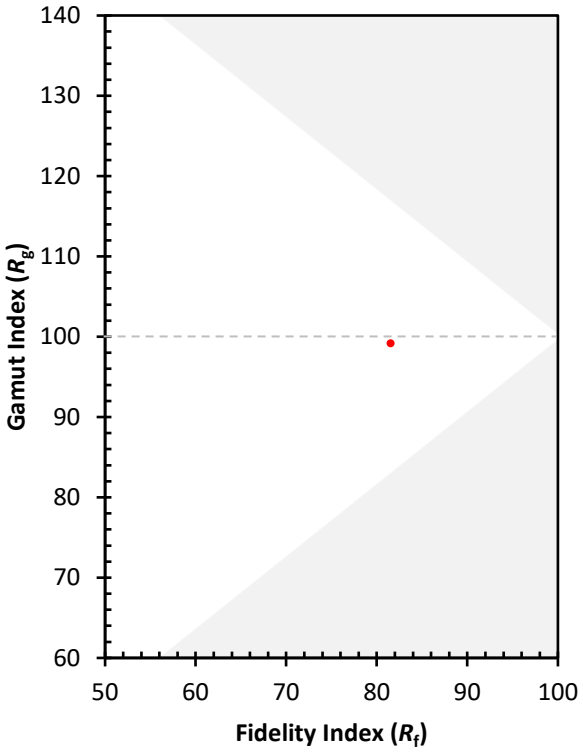


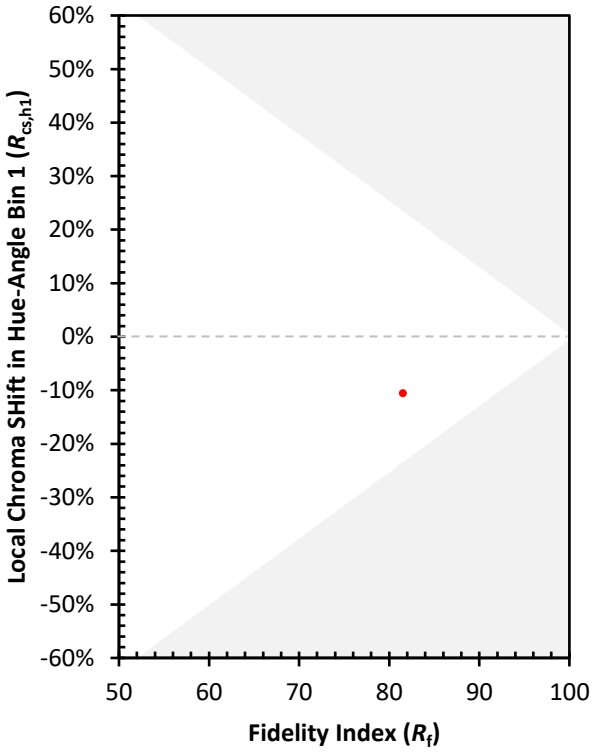


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Measure Comparisons





(END OF REPORT)