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: P1203113

Luminaire Tested: GWC-SB2B-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:	P1203113
	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-SB2B-830-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA 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:	10028 lumens
Efficiency:	N/A
Efficacy:	135.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

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

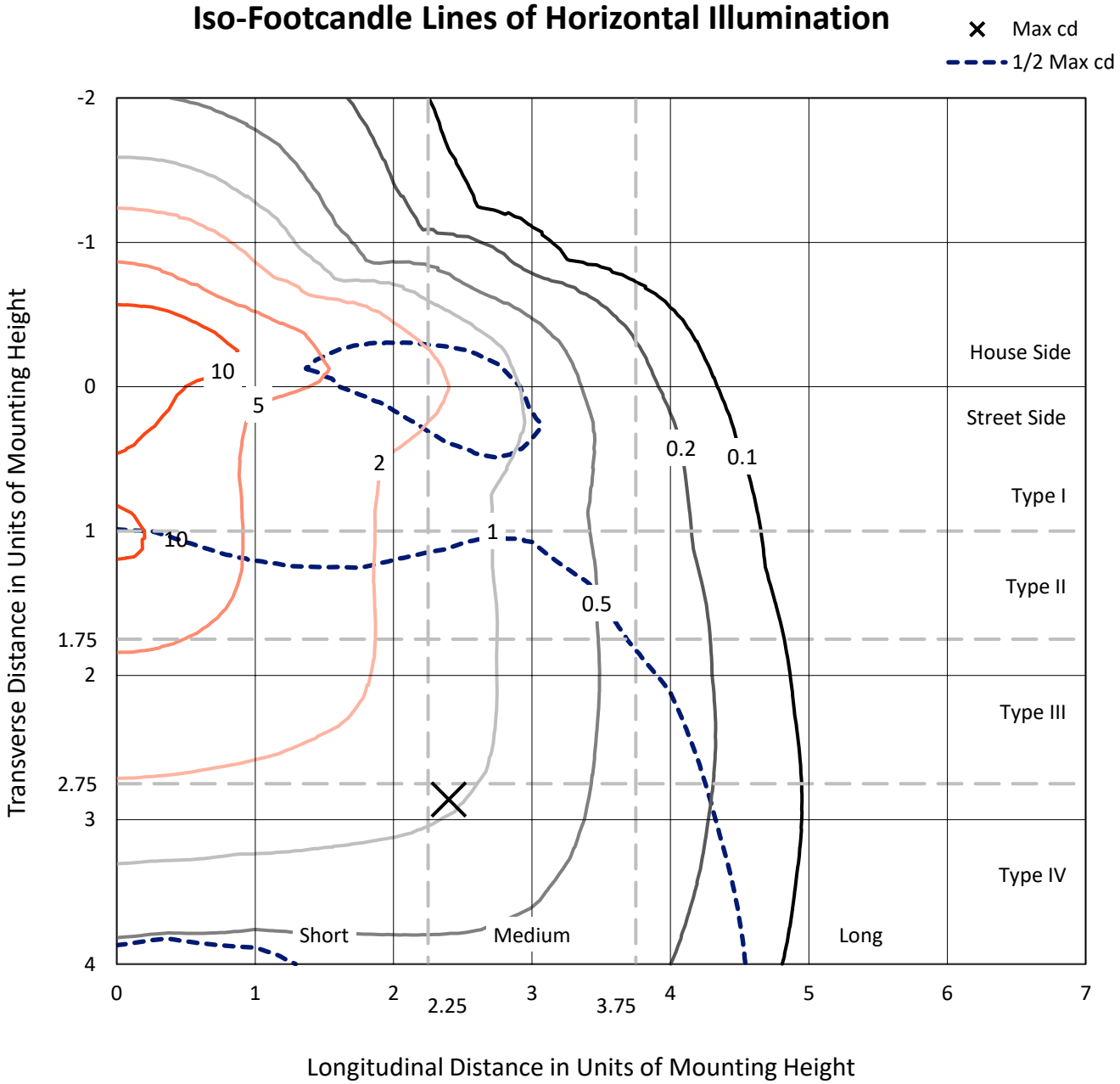


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Scaled Data Report

REPORT NUMBER: P1203113
CATALOG NUMBER: GWC-SB2B-830-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



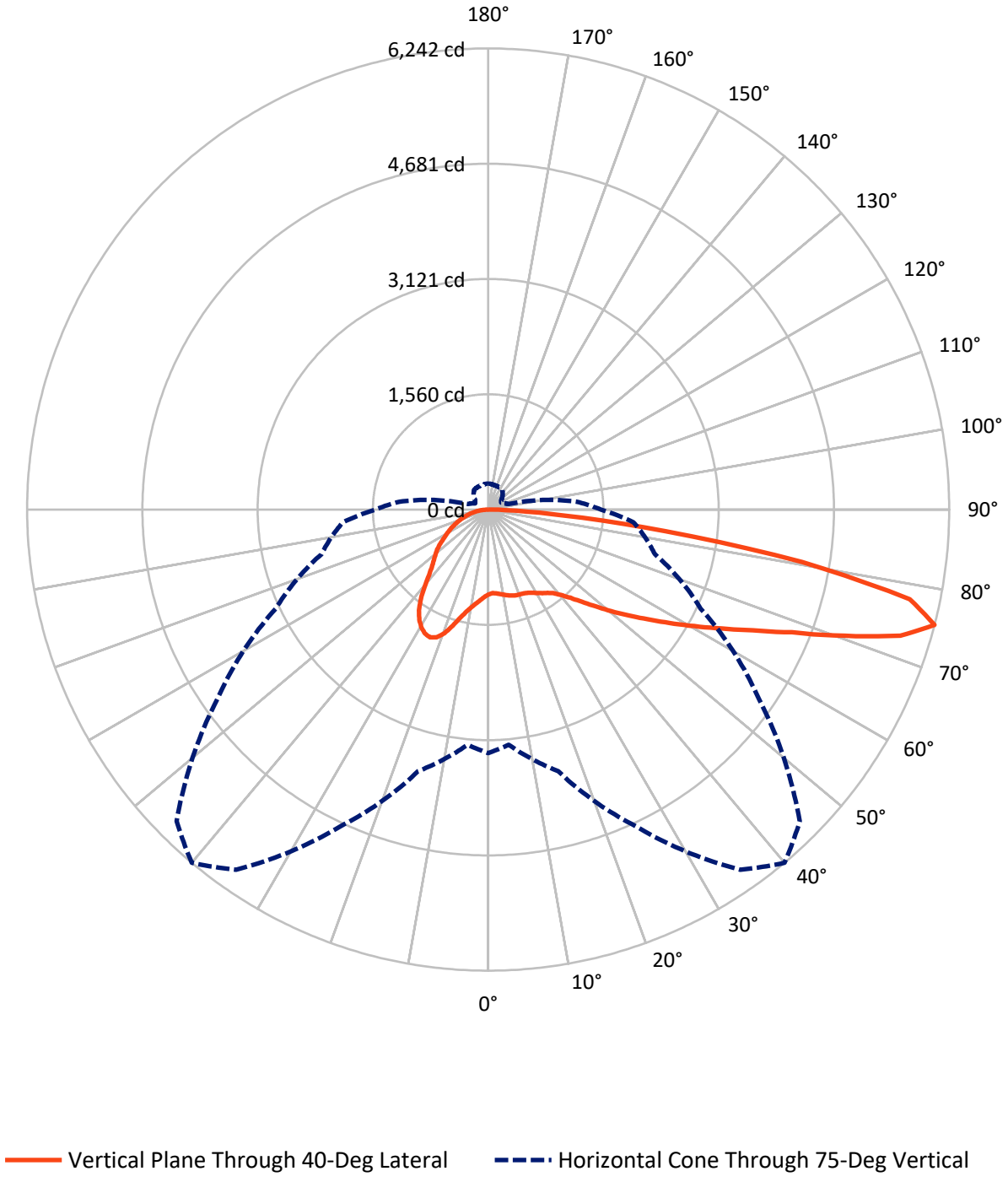
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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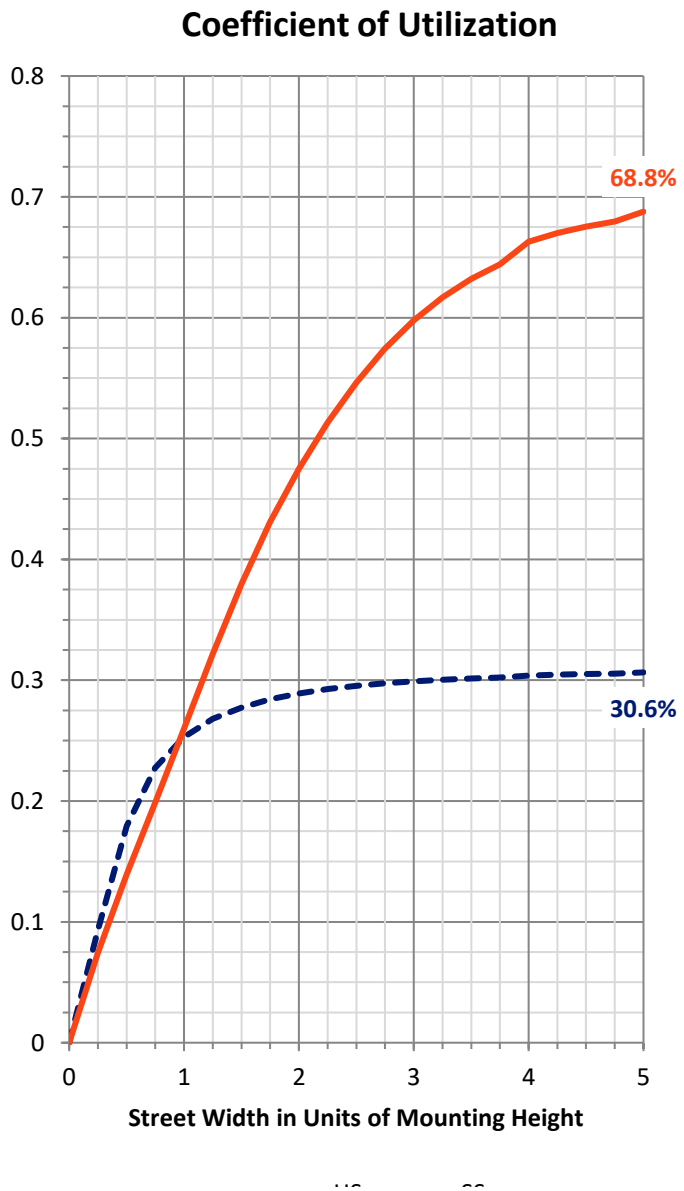
REPORT NUMBER: P1203113
CATALOG NUMBER: GWC-SB2B-830-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3107.0	0.0	3107.0
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6921.0	0.0	6921.0
	% Fixture	69.0	0.0	69.0
Total	Lumens	10028.0	0.0	10028.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.5	1.1
10°-20°	384.3	3.8
20°-30°	701.7	7.0
30°-40°	995.2	9.9
40°-50°	1343.9	13.4
50°-60°	1807.8	18.0
60°-70°	2294.6	22.9
70°-80°	2082.5	20.8
80°-90°	303.6	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°	10028.0	100.0
0°-180°	10028.0	100.0



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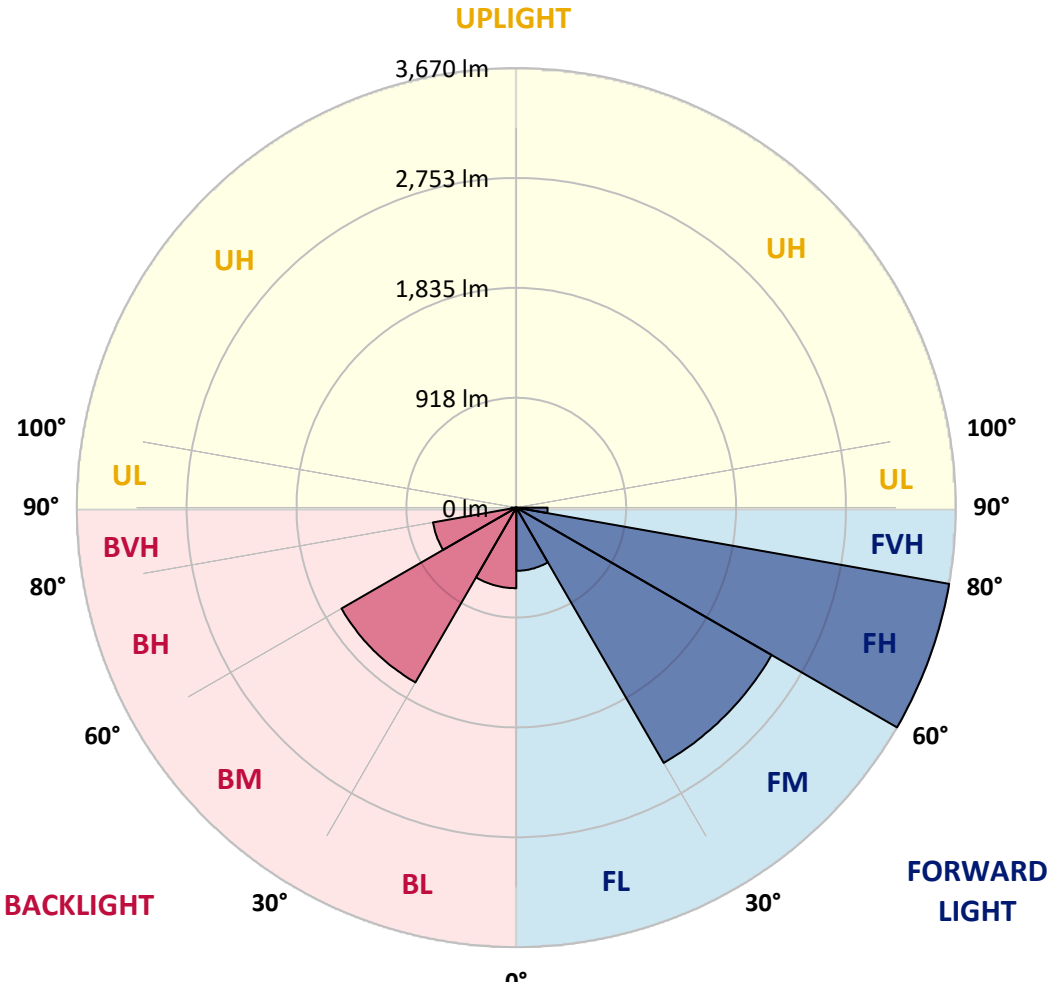
Scaled Data Report

REPORT NUMBER: P1203113
CATALOG NUMBER: GWC-SB2B-830-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	527.5	5.3			
FM	(30°-60°)	2461.6	24.5			
FH	(60°-80°)	3670.1	36.6			G2/5000
FVH	(80°-90°)	261.8	2.6			G3/500
BL	(0°-30°)	673.0	6.7	B2/1000		
BM	(30°-60°)	1685.3	16.8	B2/2500		
BH	(60°-80°)	706.9	7.0	B2/1000		G2/1000
BVH	(80°-90°)	41.8	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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Scaled Data Report

REPORT NUMBER: P1203113
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1146.7	1146.7	1146.7	1146.7	1146.7	*1146.7*	1146.7	1146.7	1146.7	1146.7	1146.7
2.5°	1129.2	1135.5	1134.0	1131.8	1131.8	*1132.4*	1131.8	1135.5	1139.3	1143.0	1148.8
5°	1140.9	1147.2	1144.1	1141.4	1139.3	*1138.7*	1137.1	1136.6	1138.7	1143.5	1151.5
7.5°	1163.7	1170.1	1165.3	1160.5	1156.3	*1154.2*	1152.0	1148.8	1147.2	1149.9	1161.1
10°	1189.3	1195.6	1189.8	1181.3	1174.4	*1171.7*	1169.6	1166.4	1164.3	1165.9	1178.1
12.5°	1214.8	1221.2	1213.2	1201.5	1192.5	*1190.9*	1188.2	1187.1	1186.6	1186.1	1198.3
15°	1238.7	1244.0	1233.9	1220.1	1210.5	*1207.9*	1205.2	1206.8	1209.5	1212.7	1226.5
17.5°	1257.3	1262.7	1247.8	1229.7	1220.6	*1219.6*	1218.0	1223.3	1230.8	1238.7	1255.7
20°	1274.4	1279.7	1260.5	1236.1	1225.4	*1225.4*	1226.0	1237.1	1247.8	1259.5	1282.9
22.5°	1298.3	1302.6	1279.2	1245.6	1230.2	*1231.3*	1235.5	1246.7	1260.0	1276.0	1308.4
25°	1333.9	1337.1	1308.4	1263.7	1246.2	*1249.4*	1253.1	1258.4	1271.2	1289.8	1333.4
27.5°	1391.4	1394.0	1356.3	1295.6	1269.0	*1274.4*	1279.7	1276.0	1281.8	1297.8	1353.6
30°	1472.2	1473.8	1425.9	1345.6	1307.9	*1310.5*	1311.6	1296.2	1285.0	1297.8	1368.0
32.5°	1568.0	1567.4	1510.5	1406.3	1352.0	*1349.4*	1340.3	1310.0	1283.9	1295.1	1380.7
35°	1716.3	1710.5	1637.1	1491.4	1402.0	*1385.5*	1364.3	1325.4	1289.3	1292.4	1391.9
37.5°	1962.1	1944.0	1842.4	1630.7	1476.5	*1434.5*	1403.1	1350.4	1301.0	1291.4	1405.2
40°	2239.2	2216.3	2104.6	1821.7	1588.2	*1520.6*	1470.1	1386.1	1320.1	1296.2	1424.9
42.5°	2567.9	2535.4	2415.2	2046.6	1729.6	*1631.8*	1555.7	1431.3	1348.3	1311.6	1451.5
45°	2971.6	2928.5	2758.3	2300.3	1907.8	*1777.5*	1675.9	1499.9	1391.4	1341.4	1491.4
47.5°	3379.5	3390.1	3148.1	2590.7	2121.6	*1957.3*	1826.4	1603.1	1454.1	1389.2	1555.7
50°	3813.0	3820.4	3535.9	2912.5	2364.2	*2160.5*	1995.6	1718.5	1541.4	1457.3	1652.0
52.5°	4151.3	4152.3	3888.0	3249.2	2616.8	*2383.8*	2178.0	1850.4	1642.4	1547.7	1780.2
55°	4362.9	4360.3	4134.8	3567.8	2907.2	*2618.4*	2380.1	2000.4	1765.8	1654.1	1941.3
57.5°	4516.7	4508.7	4305.0	3841.7	3216.8	*2895.5*	2608.8	2170.6	1911.5	1780.7	2153.5
60°	4575.2	4570.4	4420.4	4078.4	3542.3	*3201.9*	2872.6	2361.0	2077.0	1930.2	2426.4
62.5°	4597.5	4606.5	4533.7	4307.6	3890.6	*3541.2*	3162.5	2588.6	2263.1	2099.3	2714.1
65°	4676.2	4692.7	4677.8	4607.6	4284.2	*3938.5*	3547.1	2859.3	2466.3	2280.7	3014.6
67.5°	4832.1	4848.5	4854.9	4966.6	4765.0	*4433.7*	4026.8	3196.5	2704.0	2468.9	3240.7
70°	4828.3	4823.5	4936.3	5252.2	5367.1	*5119.3*	4673.6	3611.4	2987.5	2625.3	3269.4
72.5°	4394.9	4356.6	4623.0	5249.0	5868.1	*5835.2*	5463.4	4146.5	3232.2	2644.5	2837.0
75°	*3297.1*	*3195.0*	*3665.7*	*4730.5*	*5951.6*	*6241.5*	*5965.5*	*4478.4*	*3174.2*	*2336.5*	*1974.3*
77.5°	1410.0	1307.3	1862.1	3501.8	5326.7	*5834.6*	5504.9	3907.1	2533.8	1545.1	969.6
80°	369.1	368.6	562.7	1587.6	3622.6	*4308.7*	3780.0	2523.2	1447.8	552.1	267.5
82.5°	152.6	148.9	206.9	617.5	1770.1	*2417.9*	1973.2	1125.4	522.8	149.5	88.8
85°	56.9	56.4	100.5	213.3	624.4	*997.3*	721.7	287.7	130.3	72.9	39.9
87.5°	16.0	15.4	21.8	73.9	152.1	*230.8*	123.4	47.3	36.7	28.7	11.7
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: P1203113
CATALOG NUMBER: GWC-SB2B-830-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7	1146.7
2.5°	1150.4	1153.1	1157.9	1161.6	1166.4	1171.7	1179.2	1183.9	1188.7	1191.9	1189.8
5°	1155.2	1161.1	1173.3	1185.5	1199.9	1213.2	1228.6	1239.8	1248.8	1251.5	1252.6
7.5°	1165.9	1175.4	1196.2	1216.9	1239.8	1261.6	1283.9	1303.1	1318.5	1324.4	1324.9
10°	1184.5	1197.2	1226.5	1255.7	1286.1	1319.6	1348.3	1376.0	1397.8	1406.8	1407.3
12.5°	1207.9	1223.8	1262.1	1302.6	1344.6	1390.8	1428.1	1462.1	1489.2	1501.5	1501.5
15°	1238.2	1258.9	1307.9	1362.1	1423.8	1488.2	1535.5	1573.3	1603.6	1618.5	1617.4
17.5°	1271.2	1298.8	1360.5	1442.4	1530.7	1615.3	1670.6	1698.3	1729.6	1744.0	1743.5
20°	1303.1	1337.1	1425.4	1544.6	1662.1	1752.0	1796.7	1804.1	1806.2	1807.8	1812.1
22.5°	1336.1	1381.8	1506.8	1673.3	1799.3	1861.6	1867.9	1836.0	1791.3	1770.6	1776.5
25°	1372.2	1432.9	1613.2	1815.3	1917.4	1924.8	1875.9	1798.3	1713.7	1674.9	1680.7
27.5°	1407.3	1491.9	1740.8	1950.9	2002.5	1937.1	1831.8	1721.7	1619.5	1578.6	1583.4
30°	1442.4	1559.4	1881.8	2069.5	2041.3	1906.8	1762.1	1639.2	1536.6	1493.5	1498.3
32.5°	1478.1	1638.2	2044.0	2155.1	2034.4	1842.4	1675.4	1546.7	1456.3	1411.1	1416.9
35°	1518.5	1735.0	2197.7	2201.9	1988.1	1747.7	1561.0	1436.1	1357.3	1321.2	1329.1
37.5°	1571.1	1857.8	2333.3	2213.6	1907.3	1608.9	1419.0	1305.2	1240.3	1223.8	1235.5
40°	1636.6	2005.7	2437.0	2195.0	1787.6	1440.3	1263.7	1172.8	1136.1	1139.8	1152.6
42.5°	1721.7	2171.1	2509.9	2147.2	1621.1	1266.4	1127.6	1087.1	1104.7	1119.6	1133.4
45°	1832.3	2342.9	2555.1	2065.8	1432.9	1119.1	1047.3	1056.8	1070.1	1071.7	1082.4
47.5°	1973.8	2516.8	2584.9	1942.9	1240.9	1015.3	996.2	998.3	995.7	984.5	993.0
50°	2150.4	2686.0	2611.5	1780.2	1077.6	950.5	924.9	917.5	880.8	844.6	849.4
52.5°	2351.4	2841.3	2622.7	1578.1	950.5	896.2	854.7	807.9	739.3	728.1	731.9
55°	2574.8	2984.9	2593.9	1329.7	843.5	826.5	763.8	707.4	699.9	690.4	692.0
57.5°	2841.8	3139.6	2535.4	1052.6	734.0	745.2	684.0	690.4	677.1	662.2	659.5
60°	3133.8	3299.7	2432.8	799.9	620.7	643.6	663.2	662.7	659.0	646.8	642.5
62.5°	3396.5	3405.0	2230.7	612.7	521.2	564.8	618.6	618.0	614.8	607.9	605.3
65°	3552.9	3389.1	1893.5	482.4	439.3	500.0	557.9	562.2	562.7	562.2	562.2
67.5°	3525.2	3202.4	1430.7	384.0	371.8	434.0	497.8	503.7	507.9	509.0	510.1
70°	3212.5	2792.3	932.9	306.4	311.7	376.0	440.9	446.8	450.5	454.8	456.9
72.5°	2504.1	2053.0	534.0	247.9	259.0	326.0	384.5	391.5	393.6	401.6	404.8
75°	*1525.9*	*1207.3*	*288.3*	*195.2*	*212.7*	*278.7*	*328.7*	*336.7*	*340.4*	*350.0*	*351.0*
77.5°	725.5	522.8	164.3	152.1	171.3	227.6	277.6	286.7	276.6	281.9	277.6
80°	245.2	194.1	103.7	115.9	130.8	177.6	222.3	231.4	210.1	209.0	206.9
82.5°	85.6	78.7	66.0	77.1	84.6	127.1	168.1	179.8	156.4	155.8	148.4
85°	33.5	31.9	36.7	42.0	50.5	78.2	110.6	116.5	96.3	77.7	76.6
87.5°	6.9	7.4	9.0	9.6	15.4	27.1	39.9	48.9	38.8	33.0	30.3
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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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

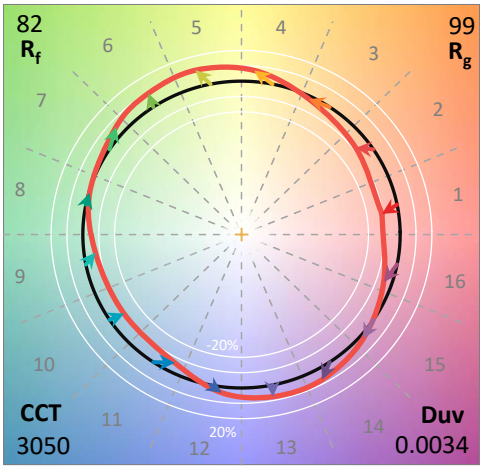
Test Information

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

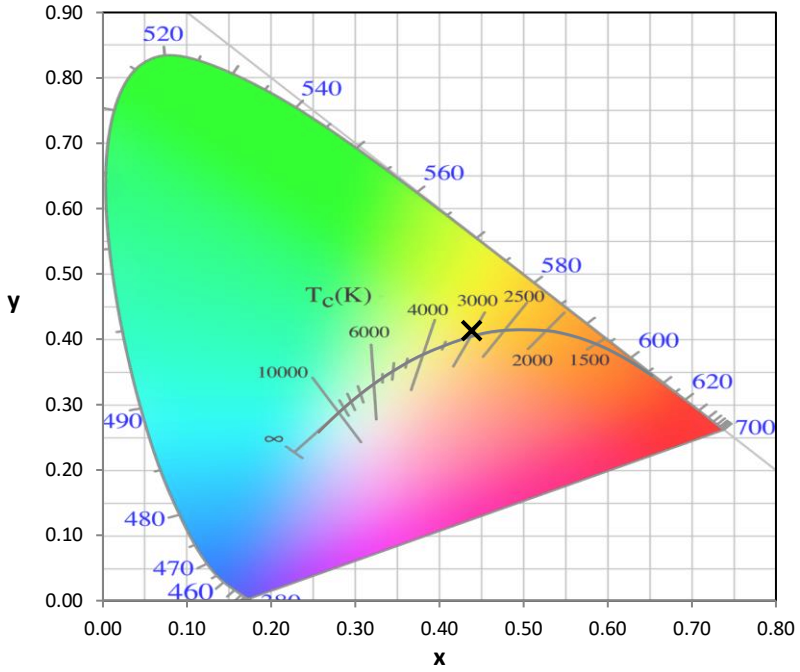
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

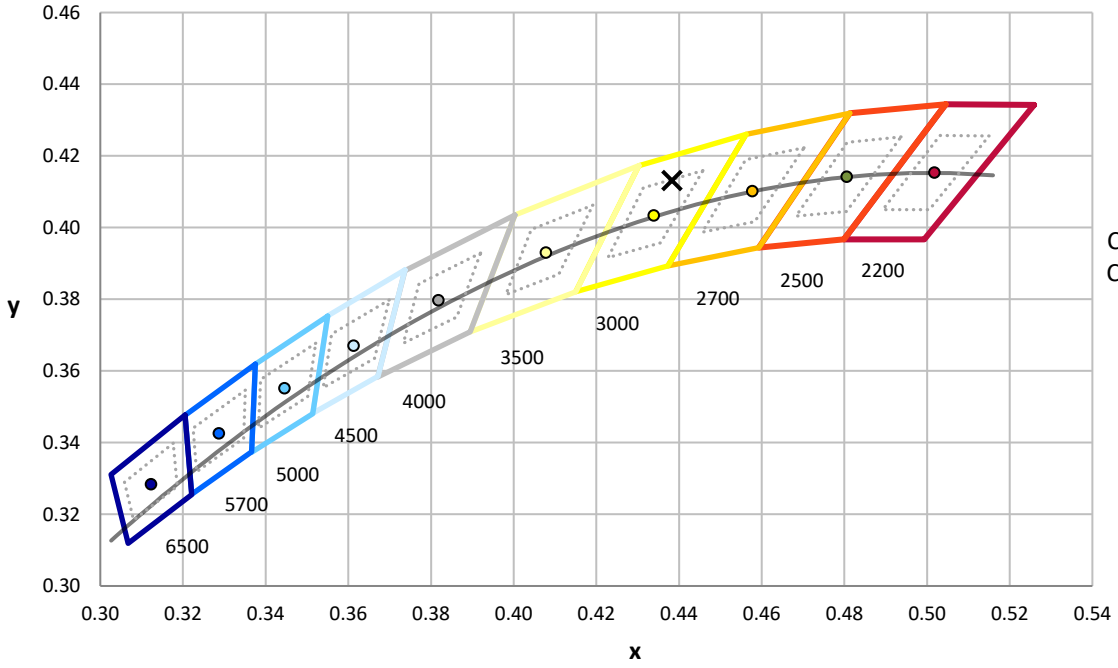
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

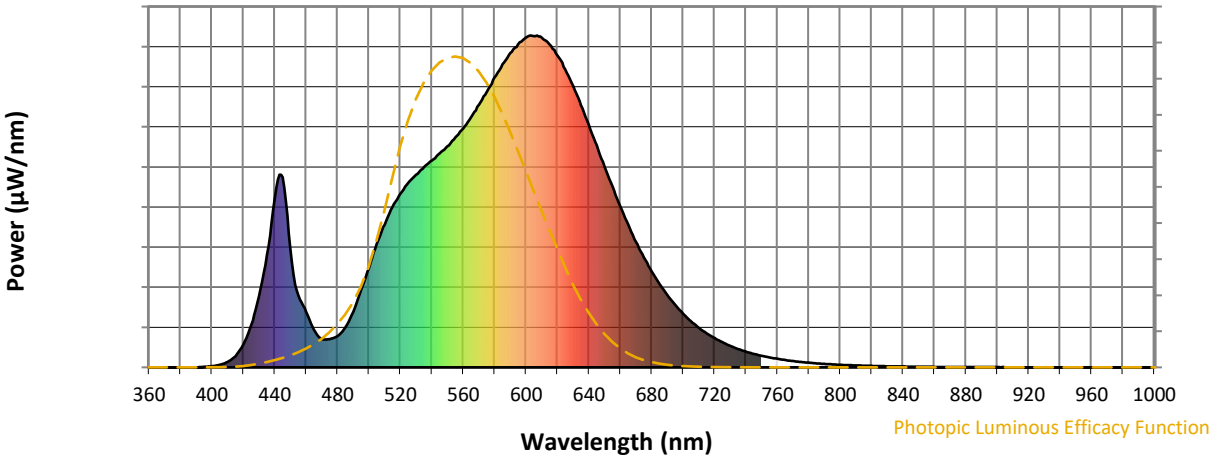


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

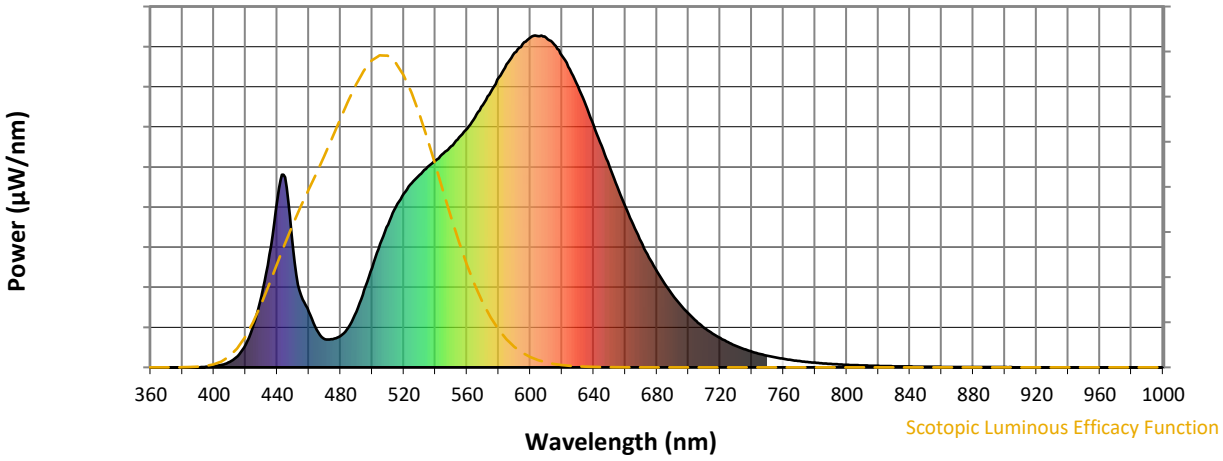


Photopic Lumens: NR

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

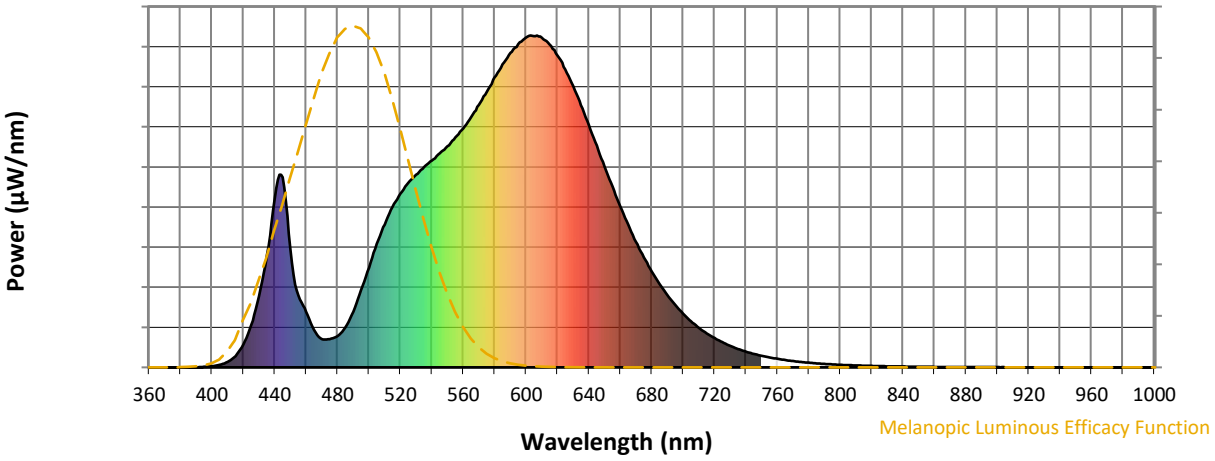


Scotopic Lumens: NR **S/P: 1.27**

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			

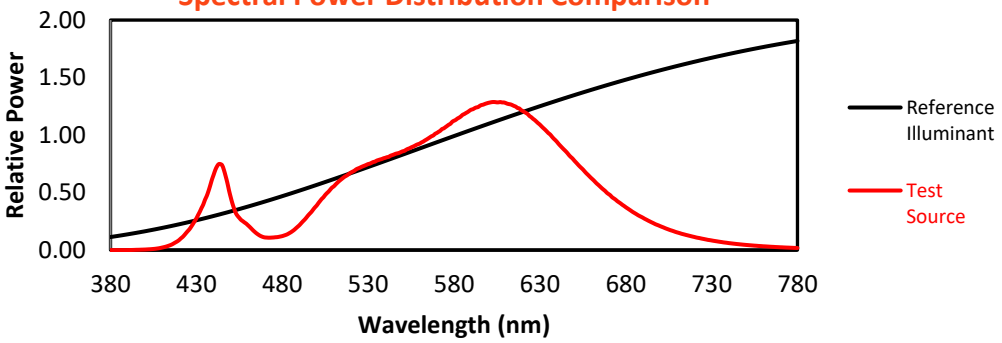
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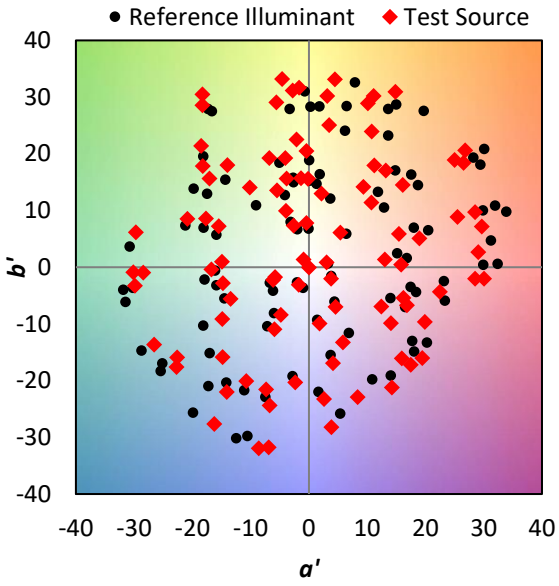
Summary

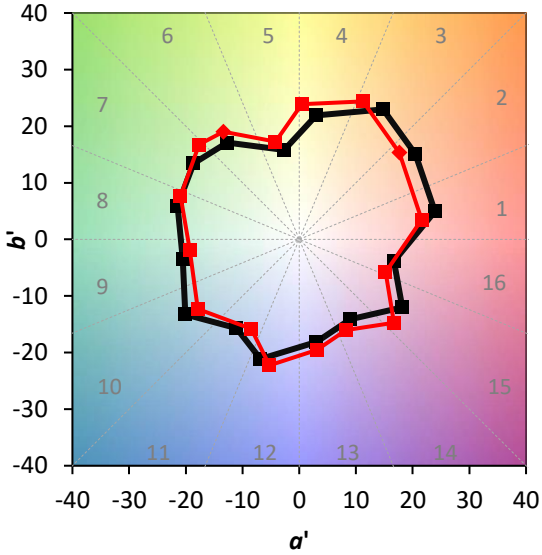
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

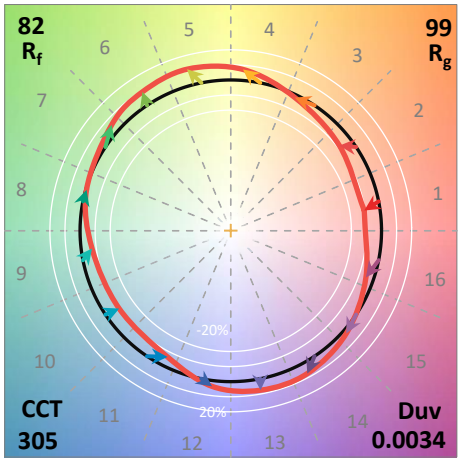
Spectral Power Distribution Comparison

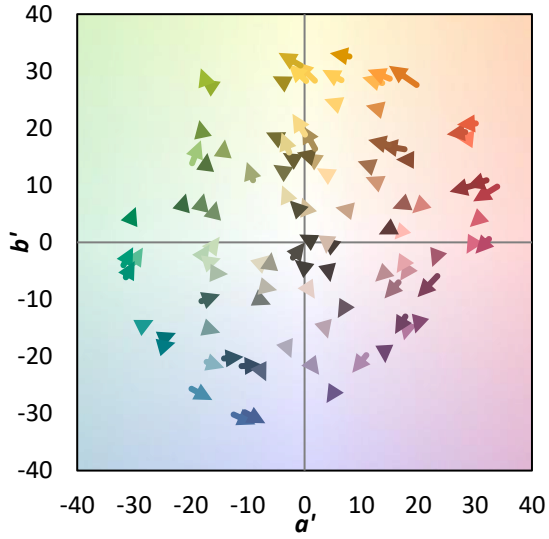


Color Vector Graphics







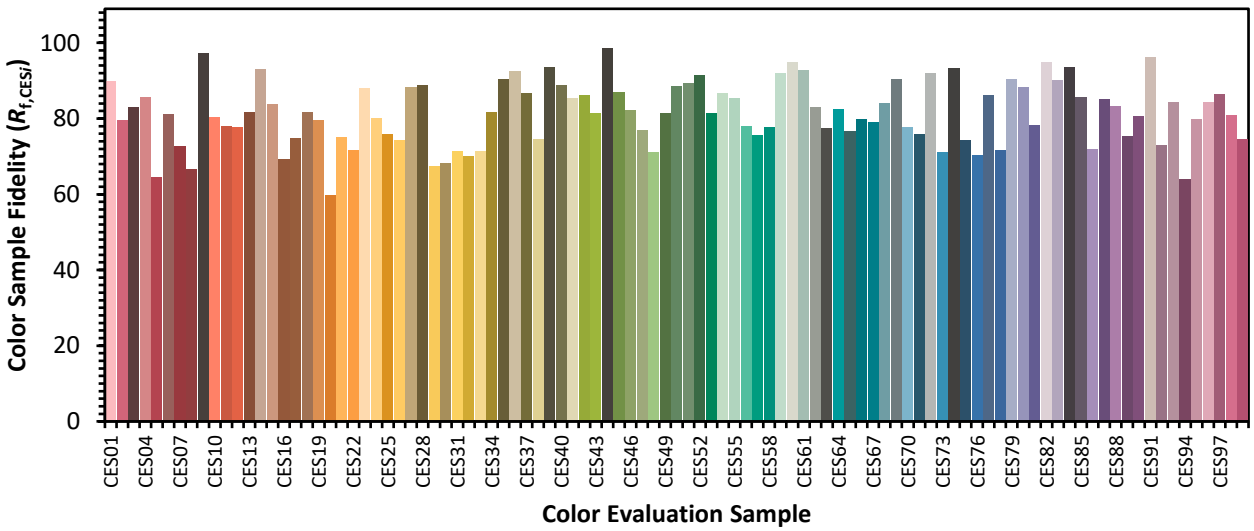


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Individual Sample Fidelity Index ($R_{f,i}$)

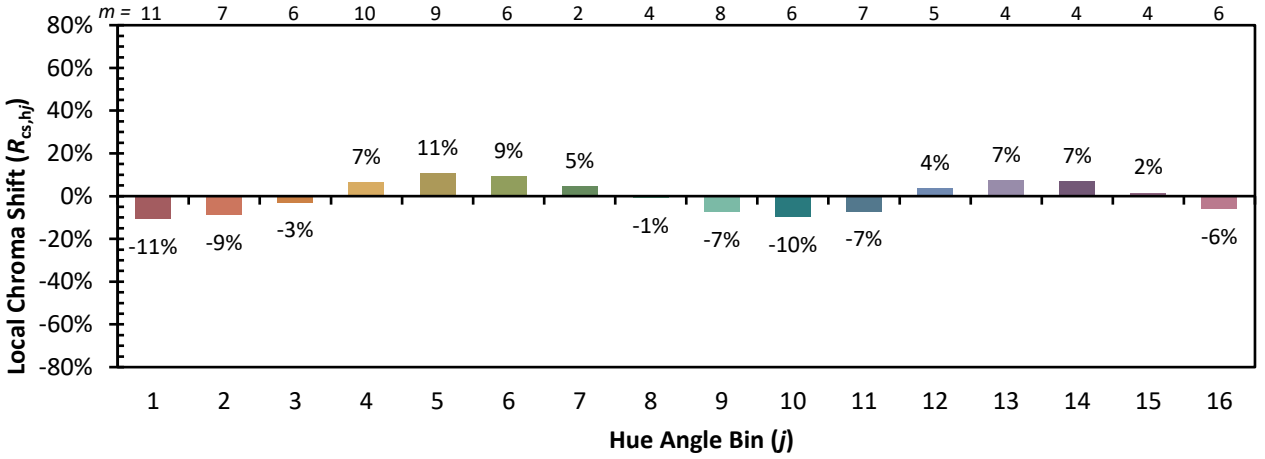
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

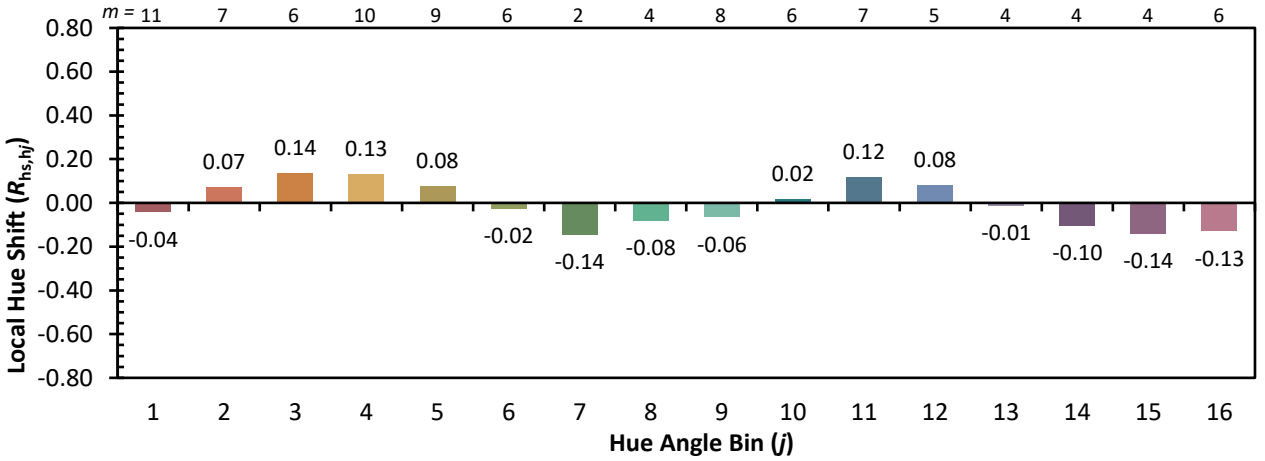


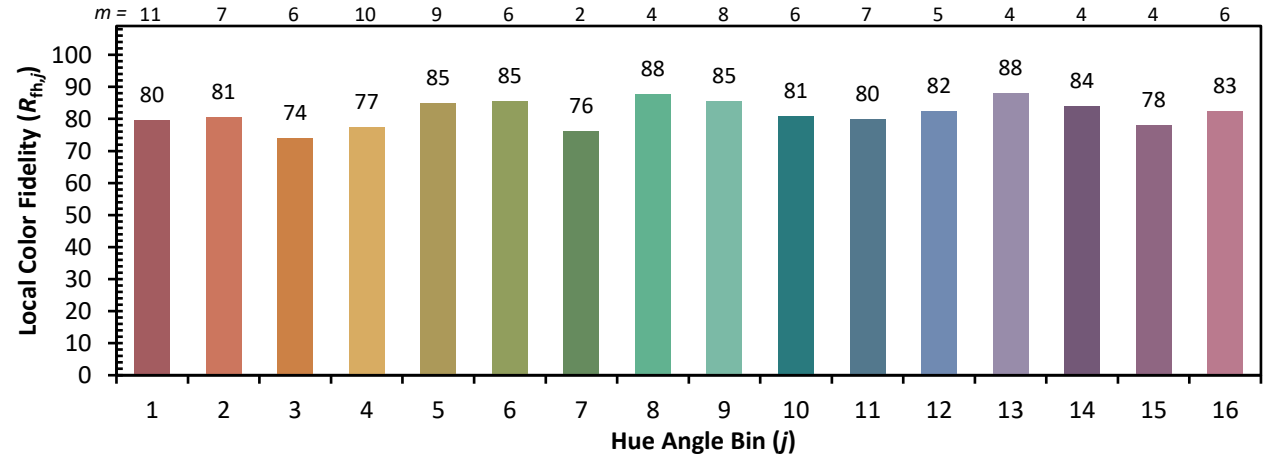
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Color Rendition by Hue-Angle Bin



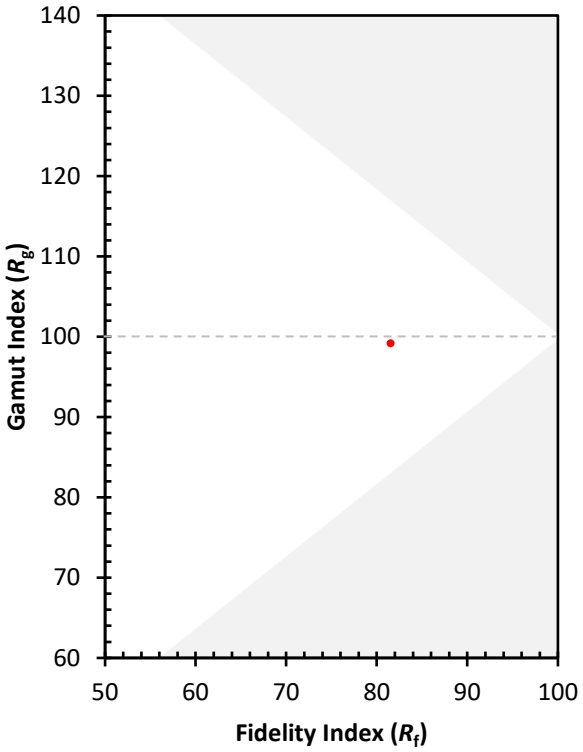


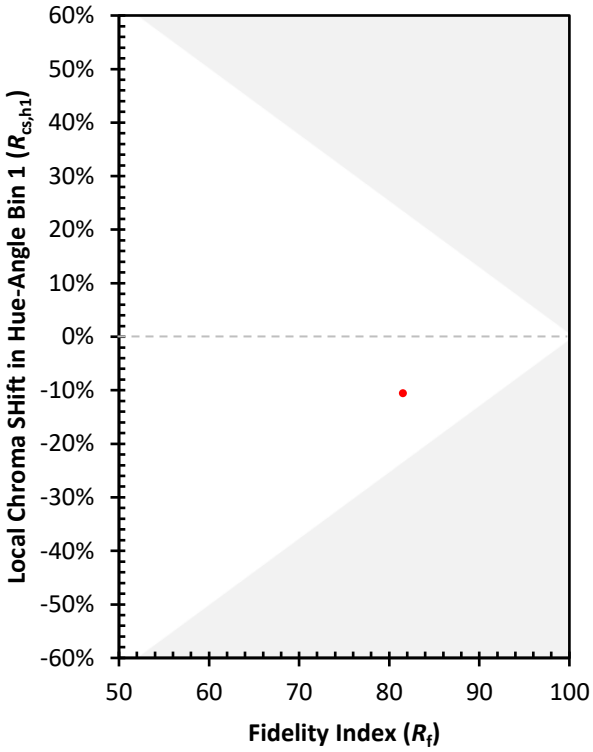


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Measure Comparisons





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