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: P1201881

Luminaire Tested: GWC-SB1C-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201881
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	7463 lumens
Efficiency:	N/A
Efficacy:	137.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

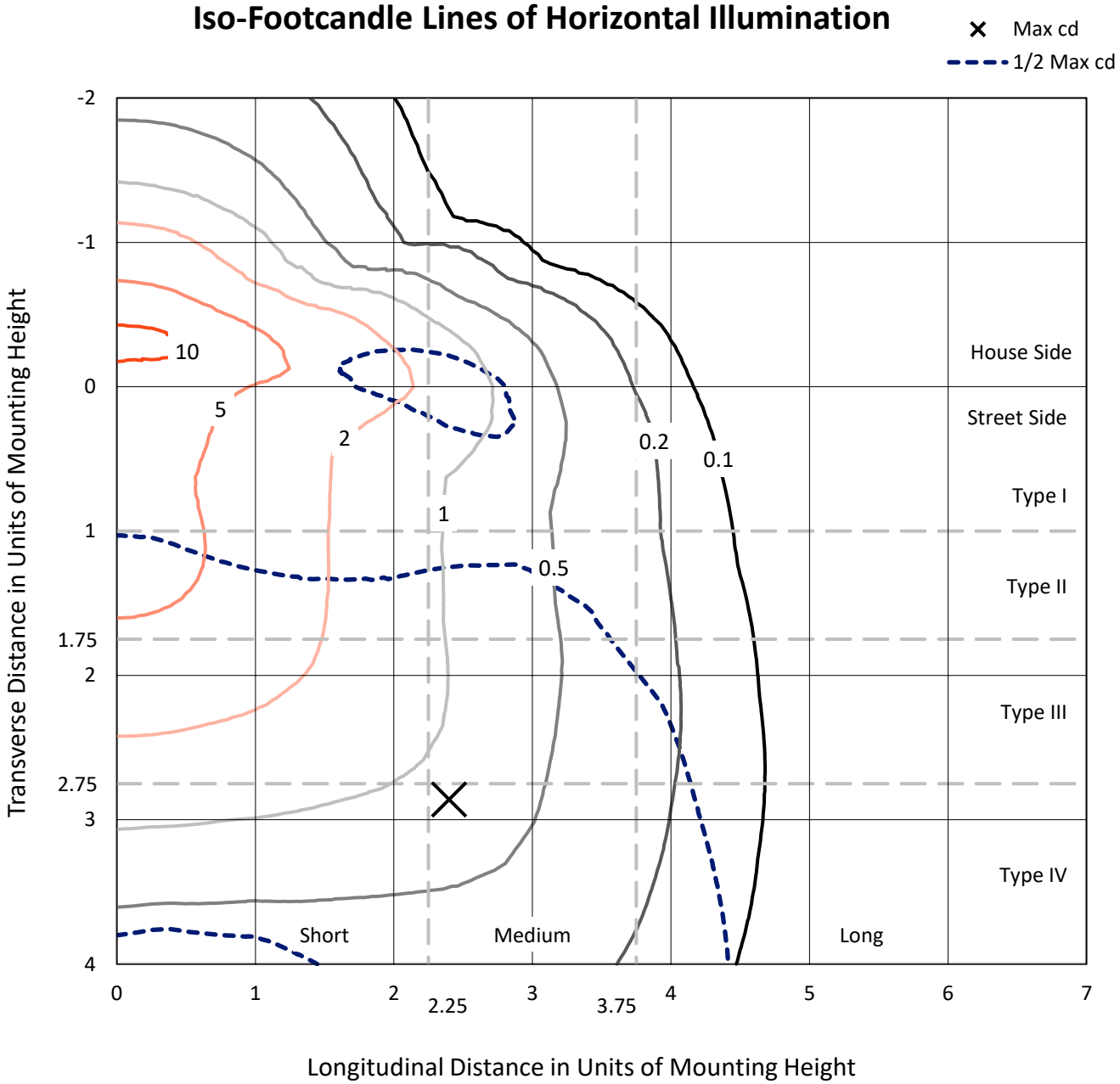


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Iso-Footcandle Lines of Horizontal Illumination



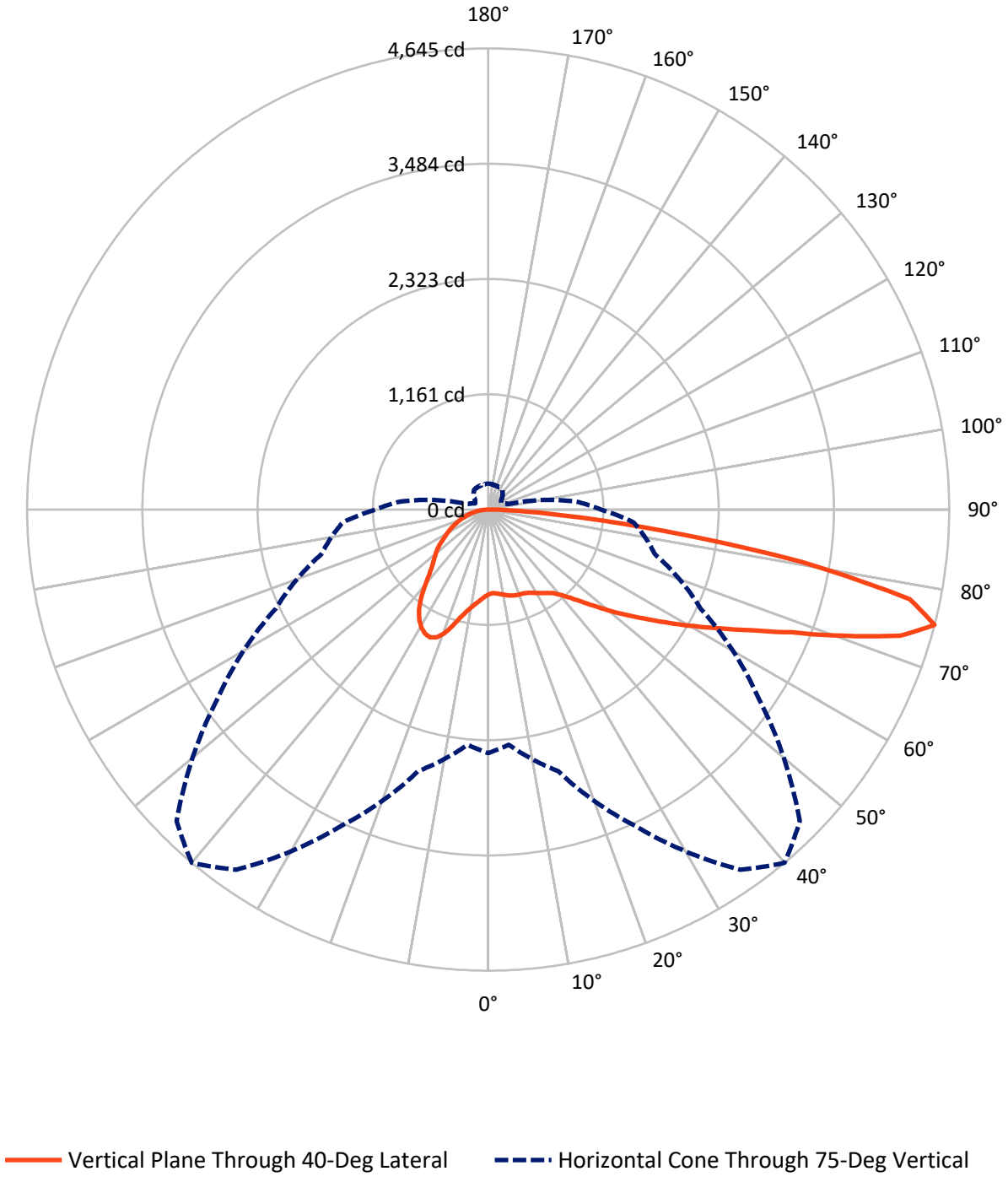
Based on 10 foot mounting height. Maximum calculated value = 11 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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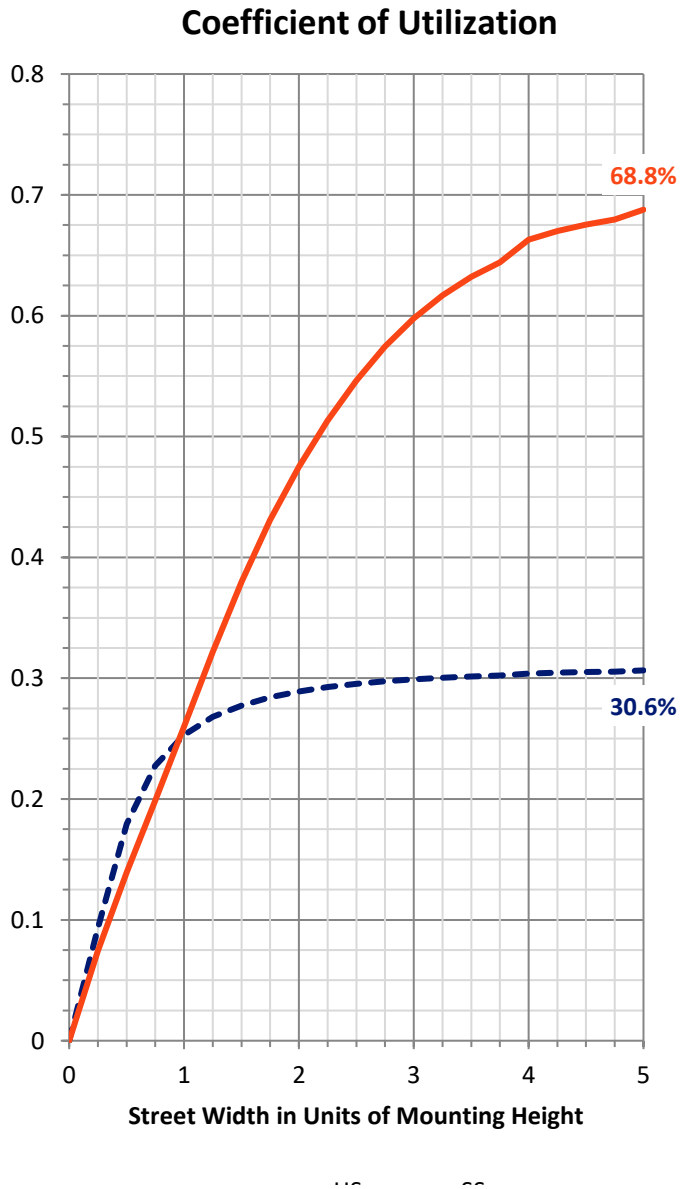
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2312.3	0.0	2312.3
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	5150.7	0.0	5150.7
	% Fixture	69.0	0.0	69.0
Total	Lumens	7463.0	0.0	7463.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.2	1.1
10°-20°	286.0	3.8
20°-30°	522.2	7.0
30°-40°	740.7	9.9
40°-50°	1000.1	13.4
50°-60°	1345.4	18.0
60°-70°	1707.7	22.9
70°-80°	1549.8	20.8
80°-90°	225.9	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°	7463.0	100.0
0°-180°	7463.0	100.0



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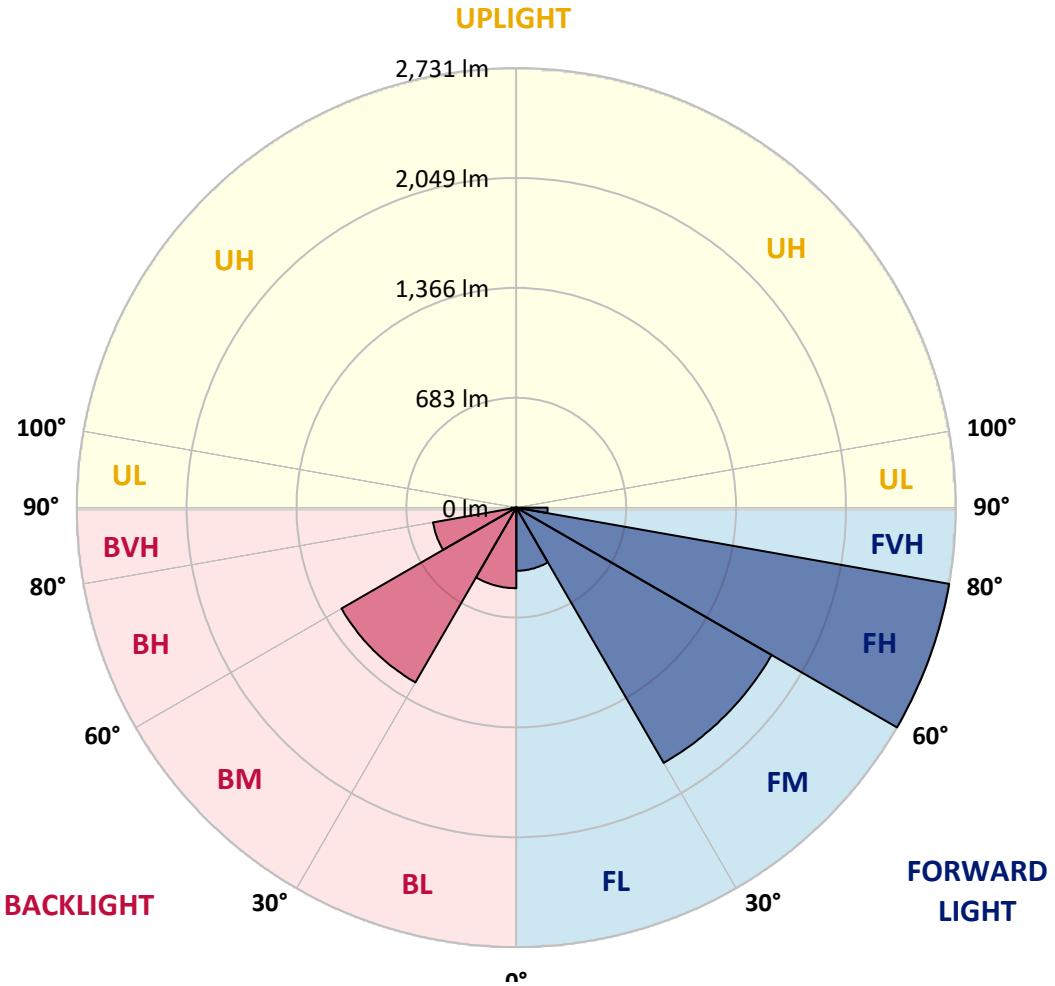
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	392.6	5.3			
FM	(30°-60°)	1832.0	24.5			
FH	(60°-80°)	2731.3	36.6			G2/5000
FVH	(80°-90°)	194.8	2.6			G2/225
BL	(0°-30°)	500.9	6.7	B2/1000		
BM	(30°-60°)	1254.2	16.8	B2/2500		
BH	(60°-80°)	526.1	7.0	B2/1000		G2/1000
BVH	(80°-90°)	31.1	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	853.4	853.4	853.4	853.4	853.4	*853.4*	853.4	853.4	853.4	853.4	853.4
2.5°	840.3	845.1	843.9	842.3	842.3	*842.7*	842.3	845.1	847.9	850.6	855.0
5°	849.0	853.8	851.4	849.4	847.9	*847.5*	846.3	845.9	847.5	851.0	857.0
7.5°	866.1	870.8	867.3	863.7	860.5	*858.9*	857.4	855.0	853.8	855.8	864.1
10°	885.1	889.8	885.5	879.1	874.0	*872.0*	870.4	868.0	866.5	867.7	876.8
12.5°	904.1	908.8	902.9	894.2	887.4	*886.3*	884.3	883.5	883.1	882.7	891.8
15°	921.9	925.8	918.3	908.0	900.9	*898.9*	896.9	898.1	900.1	902.5	912.8
17.5°	935.7	939.7	928.6	915.2	908.4	*907.6*	906.4	910.4	915.9	921.9	934.5
20°	948.4	952.4	938.1	919.9	912.0	*912.0*	912.4	920.7	928.6	937.3	954.7
22.5°	966.2	969.4	952.0	927.0	915.5	*916.3*	919.5	927.8	937.7	949.6	973.7
25°	992.7	995.1	973.7	940.5	927.4	*929.8*	932.6	936.5	946.0	959.9	992.3
27.5°	1035.5	1037.5	1009.4	964.2	944.4	*948.4*	952.4	949.6	953.9	965.8	1007.4
30°	1095.7	1096.8	1061.2	1001.4	973.3	*975.3*	976.1	964.6	956.3	965.8	1018.1
32.5°	1166.9	1166.5	1124.1	1046.6	1006.2	*1004.2*	997.5	974.9	955.5	963.8	1027.6
35°	1277.3	1273.0	1218.4	1109.9	1043.4	*1031.1*	1015.3	986.4	959.5	961.9	1035.9
37.5°	1460.2	1446.7	1371.1	1213.6	1098.8	*1067.5*	1044.2	1005.0	968.2	961.1	1045.8
40°	1666.4	1649.4	1566.3	1355.7	1181.9	*1131.7*	1094.1	1031.5	982.4	964.6	1060.4
42.5°	1911.1	1886.9	1797.5	1523.1	1287.2	*1214.4*	1157.8	1065.2	1003.4	976.1	1080.2
45°	2211.5	2179.4	2052.8	1712.0	1419.8	*1322.9*	1247.3	1116.2	1035.5	998.3	1109.9
47.5°	2515.1	2523.0	2342.9	1928.1	1579.0	*1456.6*	1359.3	1193.0	1082.2	1033.9	1157.8
50°	2837.7	2843.2	2631.5	2167.6	1759.5	*1607.9*	1485.1	1278.9	1147.1	1084.6	1229.4
52.5°	3089.4	3090.2	2893.5	2418.1	1947.5	*1774.1*	1620.9	1377.1	1222.3	1151.9	1324.8
55°	3247.0	3245.0	3077.2	2655.2	2163.6	*1948.7*	1771.3	1488.7	1314.1	1231.0	1444.8
57.5°	3361.4	3355.4	3203.8	2859.1	2394.0	*2154.9*	1941.5	1615.4	1422.6	1325.2	1602.7
60°	3404.9	3401.3	3289.7	3035.2	2636.2	*2382.9*	2137.9	1757.1	1545.7	1436.5	1805.8
62.5°	3421.5	3428.3	3374.0	3205.8	2895.5	*2635.4*	2353.6	1926.5	1684.2	1562.3	2019.9
65°	3480.1	3492.4	3481.3	3429.1	3188.4	*2931.1*	2639.8	2128.0	1835.5	1697.3	2243.6
67.5°	3596.1	3608.4	3613.1	3696.2	3546.2	*3299.6*	2996.8	2378.9	2012.4	1837.4	2411.8
70°	3593.3	3589.8	3673.7	3908.8	3994.3	*3809.8*	3478.1	2687.7	2223.4	1953.8	2433.2
72.5°	3270.7	3242.2	3440.5	3906.4	4367.2	*4342.6*	4065.9	3085.9	2405.4	1968.1	2111.3
75°	*2453.7*	*2377.7*	*2728.0*	*3520.5*	*4429.3*	*4645.0*	*4439.6*	*3332.9*	*2362.3*	*1738.9*	*1469.3*
77.5°	1049.3	972.9	1385.8	2606.1	3964.2	*4342.2*	4096.8	2907.7	1885.7	1149.9	721.6
80°	274.7	274.3	418.8	1181.5	2696.0	*3206.6*	2813.1	1877.8	1077.4	410.9	199.1
82.5°	113.6	110.8	154.0	459.6	1317.3	*1799.4*	1468.5	837.6	389.1	111.2	66.1
85°	42.4	42.0	74.8	158.7	464.7	*742.2*	537.1	214.1	97.0	54.2	29.7
87.5°	11.9	11.5	16.2	55.0	113.2	*171.8*	91.8	35.2	27.3	21.4	8.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	853.4	853.4	853.4	853.4	853.4	853.4	853.4	853.4	853.4	853.4	853.4
2.5°	856.2	858.2	861.7	864.5	868.0	872.0	877.5	881.1	884.7	887.0	885.5
5°	859.7	864.1	873.2	882.3	893.0	902.9	914.4	922.7	929.4	931.4	932.2
7.5°	867.7	874.8	890.2	905.7	922.7	938.9	955.5	969.8	981.3	985.6	986.0
10°	881.5	891.0	912.8	934.5	957.1	982.0	1003.4	1024.0	1040.2	1047.0	1047.4
12.5°	898.9	910.8	939.3	969.4	1000.7	1035.1	1062.8	1088.1	1108.3	1117.4	1117.4
15°	921.5	936.9	973.3	1013.7	1059.6	1107.5	1142.8	1170.9	1193.4	1204.5	1203.7
17.5°	946.0	966.6	1012.5	1073.5	1139.2	1202.1	1243.3	1263.9	1287.2	1297.9	1297.5
20°	969.8	995.1	1060.8	1149.5	1237.0	1303.9	1337.1	1342.6	1344.2	1345.4	1348.6
22.5°	994.3	1028.4	1121.4	1245.3	1339.1	1385.4	1390.1	1366.4	1333.1	1317.7	1322.1
25°	1021.2	1066.4	1200.5	1351.0	1427.0	1432.5	1396.1	1338.3	1275.4	1246.5	1250.8
27.5°	1047.4	1110.3	1295.5	1451.9	1490.3	1441.6	1363.2	1281.3	1205.3	1174.8	1178.4
30°	1073.5	1160.6	1400.4	1540.2	1519.2	1419.0	1311.4	1219.9	1143.5	1111.5	1115.0
32.5°	1100.0	1219.1	1521.2	1603.9	1514.0	1371.1	1246.9	1151.1	1083.8	1050.1	1054.5
35°	1130.1	1291.2	1635.6	1638.7	1479.6	1300.7	1161.8	1068.7	1010.2	983.2	989.2
37.5°	1169.3	1382.6	1736.5	1647.4	1419.4	1197.4	1056.1	971.4	923.1	910.8	919.5
40°	1218.0	1492.7	1813.7	1633.6	1330.4	1071.9	940.5	872.8	845.5	848.3	857.8
42.5°	1281.3	1615.8	1867.9	1598.0	1206.5	942.5	839.2	809.1	822.1	833.2	843.5
45°	1363.6	1743.6	1901.6	1537.4	1066.4	832.8	779.4	786.5	796.4	797.6	805.5
47.5°	1468.9	1873.1	1923.7	1446.0	923.5	755.6	741.4	743.0	741.0	732.7	739.0
50°	1600.3	1998.9	1943.5	1324.8	801.9	707.3	688.3	682.8	655.5	628.6	632.1
52.5°	1750.0	2114.5	1951.8	1174.4	707.3	667.0	636.1	601.3	550.2	541.9	544.7
55°	1916.2	2221.4	1930.5	989.6	627.8	615.1	568.4	526.5	520.9	513.8	515.0
57.5°	2114.9	2336.6	1886.9	783.3	546.2	554.6	509.0	513.8	503.9	492.8	490.8
60°	2332.2	2455.7	1810.5	595.3	461.9	479.0	493.6	493.2	490.4	481.3	478.2
62.5°	2527.8	2534.1	1660.1	456.0	387.9	420.4	460.3	460.0	457.6	452.4	450.5
65°	2644.1	2522.2	1409.1	359.0	327.0	372.1	415.2	418.4	418.8	418.4	418.4
67.5°	2623.5	2383.3	1064.8	285.8	276.7	323.0	370.5	374.8	378.0	378.8	379.6
70°	2390.8	2078.1	694.3	228.0	232.0	279.9	328.1	332.5	335.3	338.4	340.0
72.5°	1863.6	1527.9	397.4	184.5	192.8	242.6	286.2	291.3	292.9	298.8	301.2
75°	*1135.6*	*898.5*	*214.5*	*145.3*	*158.3*	*207.4*	*244.6*	*250.6*	*253.3*	*260.5*	*261.2*
77.5°	539.9	389.1	122.3	113.2	127.5	169.4	206.6	213.4	205.8	209.8	206.6
80°	182.5	144.5	77.2	86.3	97.4	132.2	165.5	172.2	156.4	155.6	154.0
82.5°	63.7	58.6	49.1	57.4	62.9	94.6	125.1	133.8	116.4	116.0	110.4
85°	24.9	23.7	27.3	31.3	37.6	58.2	82.3	86.7	71.6	57.8	57.0
87.5°	5.1	5.5	6.7	7.1	11.5	20.2	29.7	36.4	28.9	24.5	22.6
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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(END OF REPORT)