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: P1201879

Luminaire Tested: GWC-SB1C-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201879
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7359 lumens
Efficiency:	N/A
Efficacy:	135.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - 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

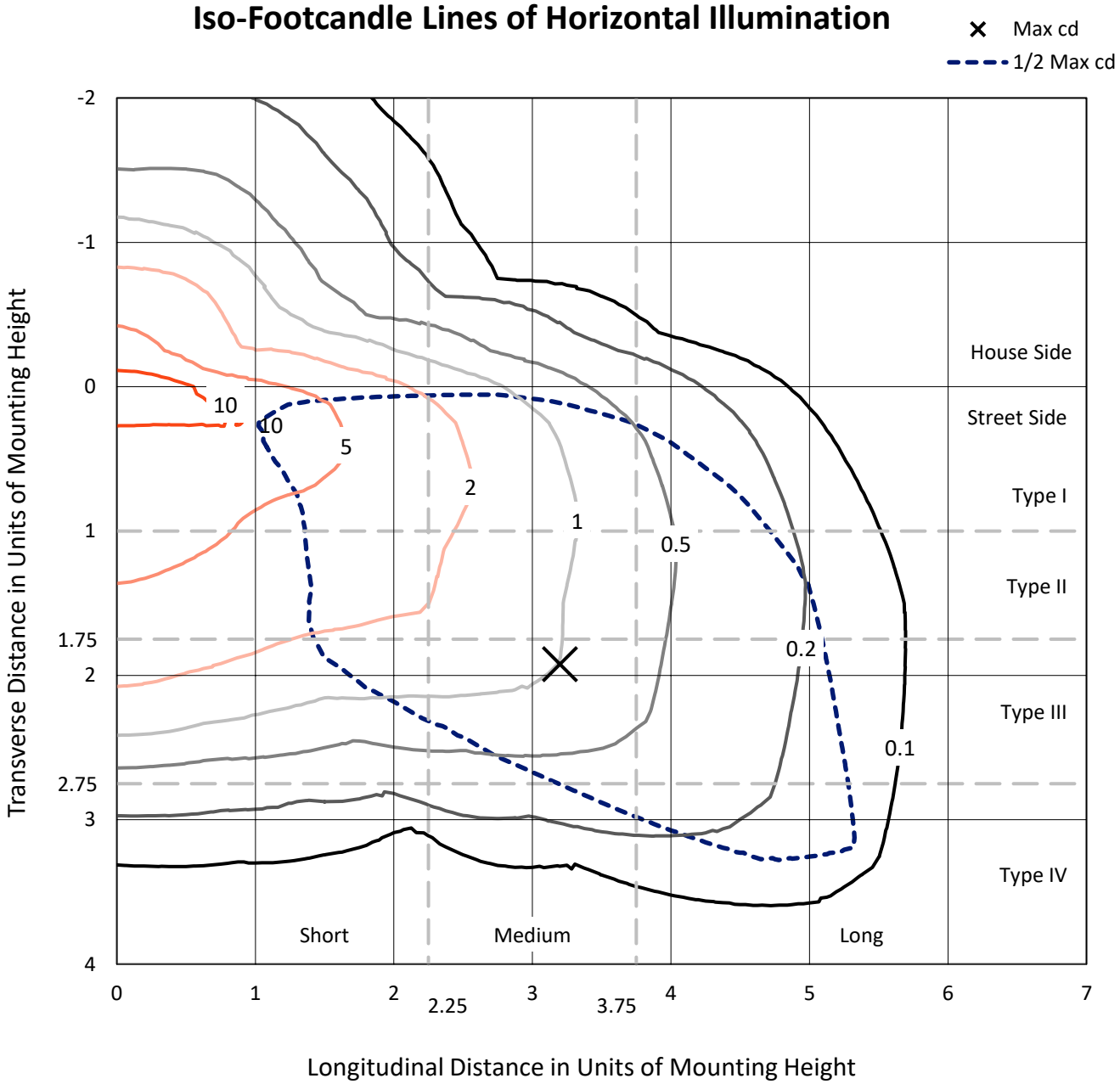


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Iso-Footcandle Lines of Horizontal Illumination



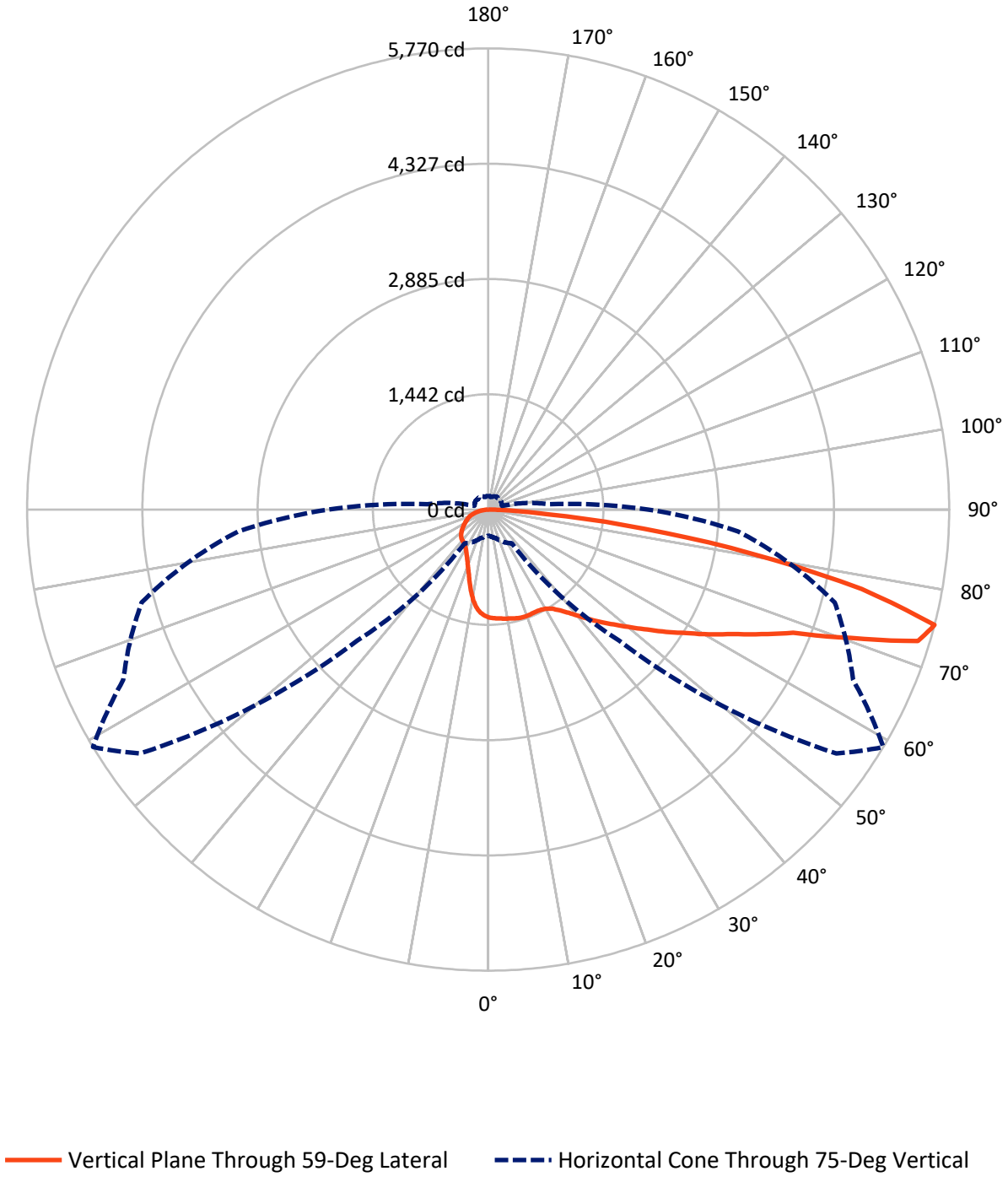
Based on 10 foot mounting height. Maximum calculated value = 13.5 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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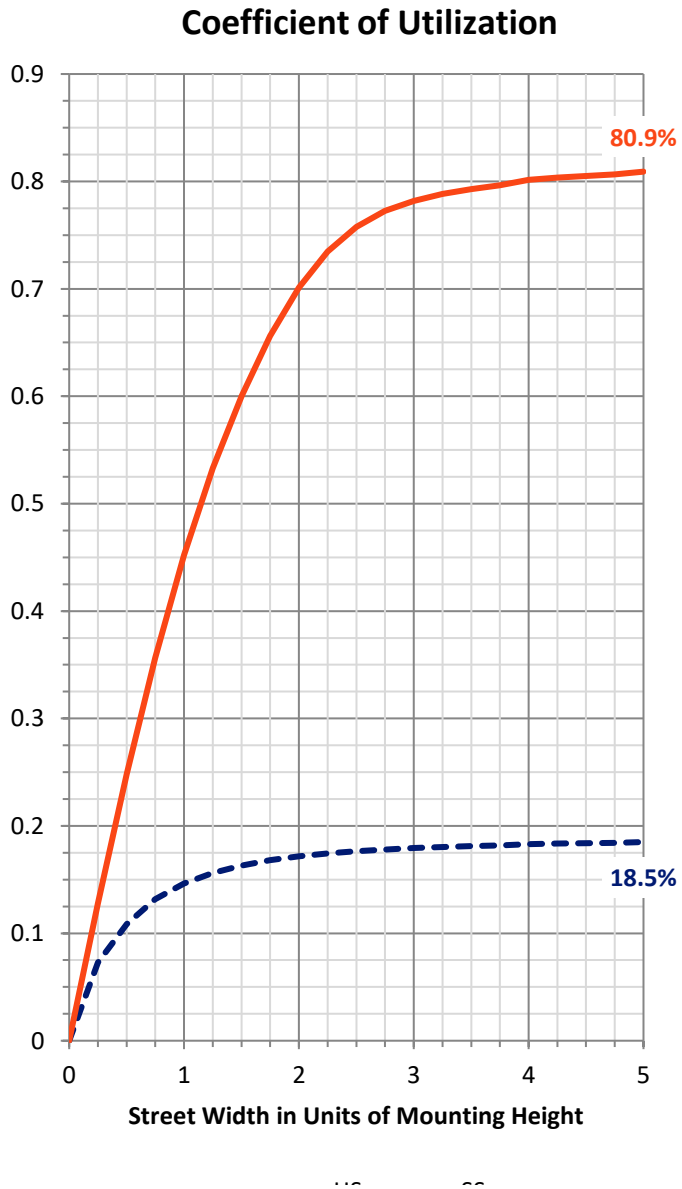
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1380.2	0.0	1380.2
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	5978.8	0.0	5978.8
	% Fixture	81.2	0.0	81.2
Total	Lumens	7359.0	0.0	7359.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.1	1.6
10°-20°	309.6	4.2
20°-30°	470.2	6.4
30°-40°	699.0	9.5
40°-50°	1039.5	14.1
50°-60°	1411.0	19.2
60°-70°	1722.6	23.4
70°-80°	1351.9	18.4
80°-90°	234.2	3.2
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°	7359.0	100.0
0°-180°	7359.0	100.0



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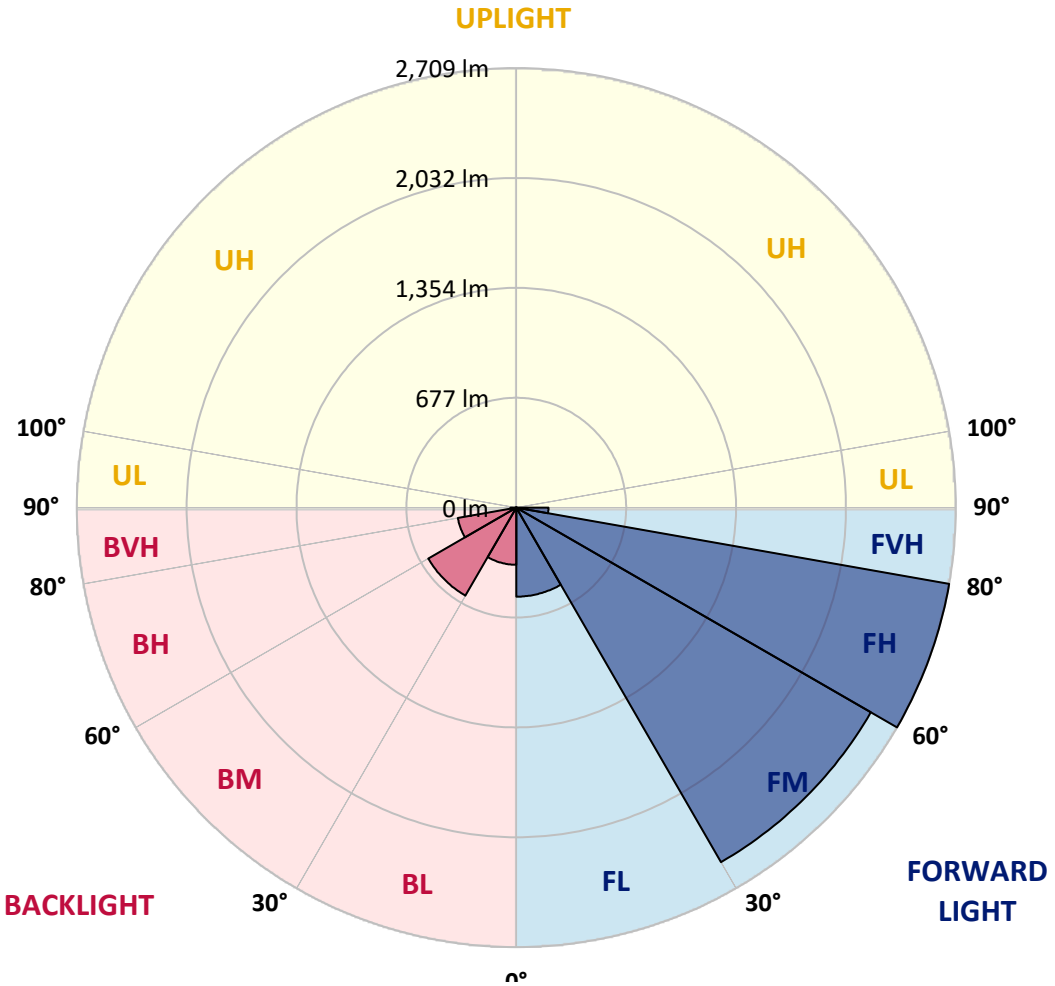
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	548.7	7.5			
FM	(30°-60°)	2523.0	34.3			
FH	(60°-80°)	2708.8	36.8			G2/5000
FVH	(80°-90°)	198.3	2.7			G2/225
BL	(0°-30°)	352.2	4.8	B1/500		
BM	(30°-60°)	626.5	8.5	B1/1000		
BH	(60°-80°)	365.7	5.0	B1/500		G1/500
BVH	(80°-90°)	35.8	0.5			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	*1350.7*	1350.7	1350.7	1350.7
2.5°	1362.2	1357.5	1362.2	1360.2	1359.4	1357.9	1358.2	*1361.0*	1359.4	1361.4	1354.7
5°	1353.1	1350.3	1355.1	1353.9	1359.0	1359.8	1365.0	*1368.1*	1370.1	1370.5	1365.4
7.5°	1338.1	1335.3	1342.0	1347.6	1358.6	1361.8	1372.5	*1377.6*	1380.4	1385.2	1377.6
10°	1283.0	1281.8	1298.5	1319.5	1345.6	1361.8	1378.0	*1386.8*	1391.1	1403.8	1395.1
12.5°	1185.6	1187.2	1209.0	1249.4	1301.6	1353.9	1384.4	*1397.0*	1403.8	1419.6	1415.7
15°	1092.6	1092.2	1116.0	1159.1	1232.4	1319.1	1387.5	*1409.3*	1420.8	1444.2	1441.0
17.5°	1038.8	1037.2	1053.8	1086.7	1154.8	1265.6	1379.6	*1416.0*	1440.6	1469.9	1467.1
20°	1028.9	1025.7	1034.4	1050.7	1099.0	1207.0	1359.0	*1416.0*	1456.4	1494.4	1492.8
22.5°	1064.9	1059.8	1056.2	1054.2	1075.6	1158.7	1335.7	*1411.3*	1479.8	1529.7	1526.9
25°	1137.4	1129.4	1111.2	1093.4	1087.1	1137.0	1315.1	*1410.1*	1514.6	1577.2	1566.9
27.5°	1254.5	1244.6	1207.8	1165.1	1126.7	1148.0	1306.0	*1417.2*	1553.0	1627.4	1606.9
30°	1399.8	1389.1	1342.8	1277.1	1208.2	1189.2	1317.5	*1438.2*	1602.1	1694.3	1654.0
32.5°	1530.1	1518.2	1478.6	1411.7	1318.7	1260.5	1353.9	*1478.2*	1679.3	1787.4	1724.8
35°	1645.7	1631.8	1596.2	1534.4	1454.1	1360.6	1419.6	*1549.1*	1789.0	1938.6	1821.0
37.5°	1758.9	1742.6	1703.8	1638.5	1582.3	1494.0	1510.3	*1640.1*	1934.6	2122.3	1948.5
40°	1885.6	1862.2	1815.1	1750.6	1695.9	1650.4	1629.4	*1751.8*	2082.7	2327.4	2107.6
42.5°	2008.3	1986.1	1929.9	1874.9	1806.4	1793.3	1767.6	*1882.4*	2244.6	2552.6	2269.2
45°	2140.5	2114.0	2045.9	1976.2	1933.1	1888.3	1901.4	*2013.0*	2403.4	2782.2	2438.6
47.5°	2264.4	2234.7	2154.4	2076.8	2053.0	1968.3	2024.1	*2156.7*	2568.4	3015.0	2606.4
50°	2331.3	2302.0	2235.1	2165.0	2146.4	2066.9	2157.1	*2314.7*	2741.4	3247.0	2767.6
52.5°	2387.1	2355.5	2268.0	2229.2	2223.6	2174.1	2321.0	*2495.2*	2914.4	3452.0	2923.1
55°	2446.5	2411.3	2299.6	2264.8	2290.1	2294.5	2515.4	*2699.9*	3097.3	3652.0	3070.0
57.5°	2515.0	2470.3	2330.1	2294.9	2355.1	2435.4	2738.7	*2912.1*	3277.1	3837.2	3200.7
60°	2579.5	2534.4	2388.7	2342.8	2425.1	2598.9	2994.8	*3169.0*	3480.5	4002.3	3324.2
62.5°	2592.2	2555.0	2435.4	2435.0	2520.1	2789.7	3298.0	*3428.3*	3658.3	4165.4	3435.0
65°	2372.9	2349.5	2278.7	2431.5	2656.3	3064.5	3635.7	*3760.0*	3884.3	4307.9	3532.4
67.5°	1806.0	1809.2	1804.0	2098.9	2546.3	3459.2	4124.6	*4115.1*	4163.4	4467.9	3644.4
70°	825.8	844.4	965.5	1448.9	2039.9	3504.7	4933.0	*4809.9*	4513.8	4674.9	3741.4
72.5°	446.2	460.4	509.9	701.9	1226.4	3115.9	5537.1	*5624.6*	4979.7	4814.2	3634.9
75°	*327.4*	*335.3*	*369.7*	*446.2*	*515.0*	*2315.9*	*5320.6*	*5769.5*	*5037.9*	*4489.2*	*3138.9*
77.5°	245.0	248.6	276.7	353.5	263.7	1220.9	4251.3	*4778.2*	4312.7	3688.4	2318.6
80°	177.7	181.7	202.7	265.2	184.9	446.5	2919.2	*3353.9*	2953.6	2351.1	1155.6
82.5°	122.7	124.3	133.4	180.5	129.1	173.4	1656.3	*1966.7*	1648.8	825.0	312.0
85°	74.0	76.0	80.0	105.3	73.2	82.3	715.0	*739.5*	492.9	197.1	97.0
87.5°	30.5	32.5	35.6	44.3	28.9	23.0	118.0	*148.1*	92.2	57.8	30.1
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°	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7
2.5°	1352.7	1349.9	1342.4	1332.1	1322.6	1310.7	1305.6	1301.2	1297.3	1289.8	1286.2
5°	1361.0	1353.5	1333.3	1307.2	1277.5	1245.0	1213.4	1191.6	1173.0	1159.1	1147.6
7.5°	1373.7	1359.4	1322.6	1269.2	1201.1	1131.4	1068.5	1023.7	990.1	977.8	956.4
10°	1386.8	1369.7	1305.6	1211.4	1093.8	986.5	903.0	857.1	830.2	821.4	808.0
12.5°	1402.2	1377.3	1279.1	1131.0	973.9	856.3	783.4	756.5	742.7	737.9	739.1
15°	1424.8	1383.6	1239.1	1030.5	859.4	761.3	714.2	695.6	688.4	688.0	689.6
17.5°	1441.8	1384.8	1176.9	922.8	771.6	703.9	665.1	657.9	662.7	669.8	672.6
20°	1460.8	1374.1	1095.4	824.6	709.8	653.6	637.4	642.1	653.6	663.9	667.4
22.5°	1474.2	1354.7	996.8	748.2	656.4	624.7	623.9	633.8	640.1	645.3	648.0
25°	1486.1	1321.8	892.3	684.1	612.4	607.3	616.0	612.8	608.5	612.8	615.6
27.5°	1494.8	1270.0	798.9	627.9	581.5	595.4	590.3	583.1	582.7	585.1	589.1
30°	1492.1	1200.7	722.1	574.4	559.8	573.2	561.0	559.8	558.6	559.8	564.1
32.5°	1492.1	1121.9	663.1	537.6	545.9	540.8	539.6	536.8	532.1	531.7	536.8
35°	1500.4	1043.1	612.4	517.8	534.4	522.2	523.0	516.2	506.3	501.6	506.3
37.5°	1517.4	979.8	562.1	508.3	514.2	513.8	510.7	499.2	481.8	466.7	471.9
40°	1558.6	961.2	527.7	503.9	504.7	509.5	501.2	479.0	439.4	414.9	418.0
42.5°	1623.1	992.5	520.2	493.3	498.4	503.2	486.9	435.5	407.4	392.7	392.7
45°	1705.0	1047.1	536.4	477.8	483.4	491.7	443.4	418.8	406.2	406.6	408.5
47.5°	1808.8	1104.5	566.5	464.4	461.6	466.3	414.5	399.4	382.0	386.4	397.5
50°	1928.7	1162.7	595.0	446.2	437.4	422.0	395.9	381.6	359.5	349.2	351.9
52.5°	2058.6	1218.9	606.5	424.0	411.3	393.5	383.2	365.8	338.9	321.8	321.5
55°	2181.7	1270.0	593.8	397.5	385.2	371.3	369.7	359.1	330.2	306.4	306.4
57.5°	2298.1	1312.7	562.1	370.5	358.7	350.4	361.0	355.9	319.5	289.0	287.4
60°	2396.6	1342.0	516.2	343.2	334.9	330.6	346.8	345.2	304.4	270.4	269.2
62.5°	2475.0	1353.5	465.5	317.1	315.1	307.2	327.0	327.0	285.4	252.2	251.0
65°	2536.4	1342.4	414.1	291.4	295.3	283.4	302.8	300.5	265.2	235.9	234.4
67.5°	2590.6	1306.0	357.1	266.0	275.1	260.1	277.5	272.0	243.1	219.7	218.1
70°	2614.8	1221.3	292.2	240.7	251.8	237.1	252.2	241.9	218.1	202.3	199.1
72.5°	2420.8	1015.0	230.0	214.2	223.7	211.8	224.9	213.0	191.2	184.1	178.1
75°	*2002.7*	*761.7*	*177.0*	*185.3*	*192.4*	*183.3*	*192.0*	*183.3*	*163.5*	*168.6*	*154.0*
77.5°	1454.4	514.2	135.4	154.8	158.0	153.2	160.7	150.8	133.0	131.8	125.9
80°	723.3	301.3	106.1	122.3	121.1	118.0	126.7	121.9	106.9	113.2	112.0
82.5°	209.4	129.1	77.2	85.9	83.5	84.3	90.7	93.0	139.3	138.2	141.3
85°	65.7	50.7	46.3	47.9	45.5	46.7	53.4	106.1	98.2	57.4	62.2
87.5°	17.0	17.4	11.5	12.3	12.7	15.0	17.0	64.5	30.9	20.2	21.4
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)