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: P1201505

Luminaire Tested: GWC-SB1B-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201505
	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-SB1B-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA 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:	5533 lumens
Efficiency:	N/A
Efficacy:	139.0 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

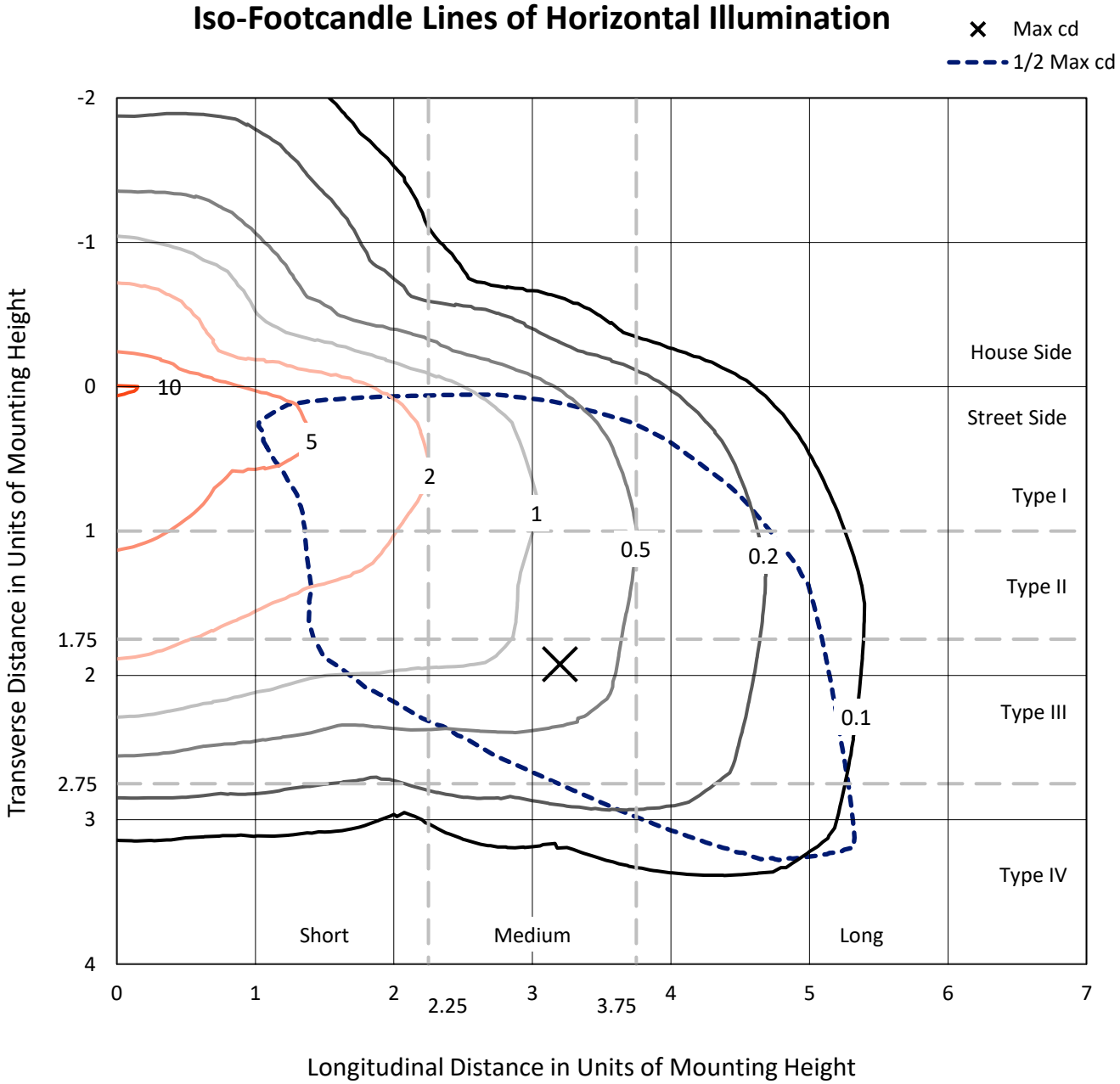


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Iso-Footcandle Lines of Horizontal Illumination



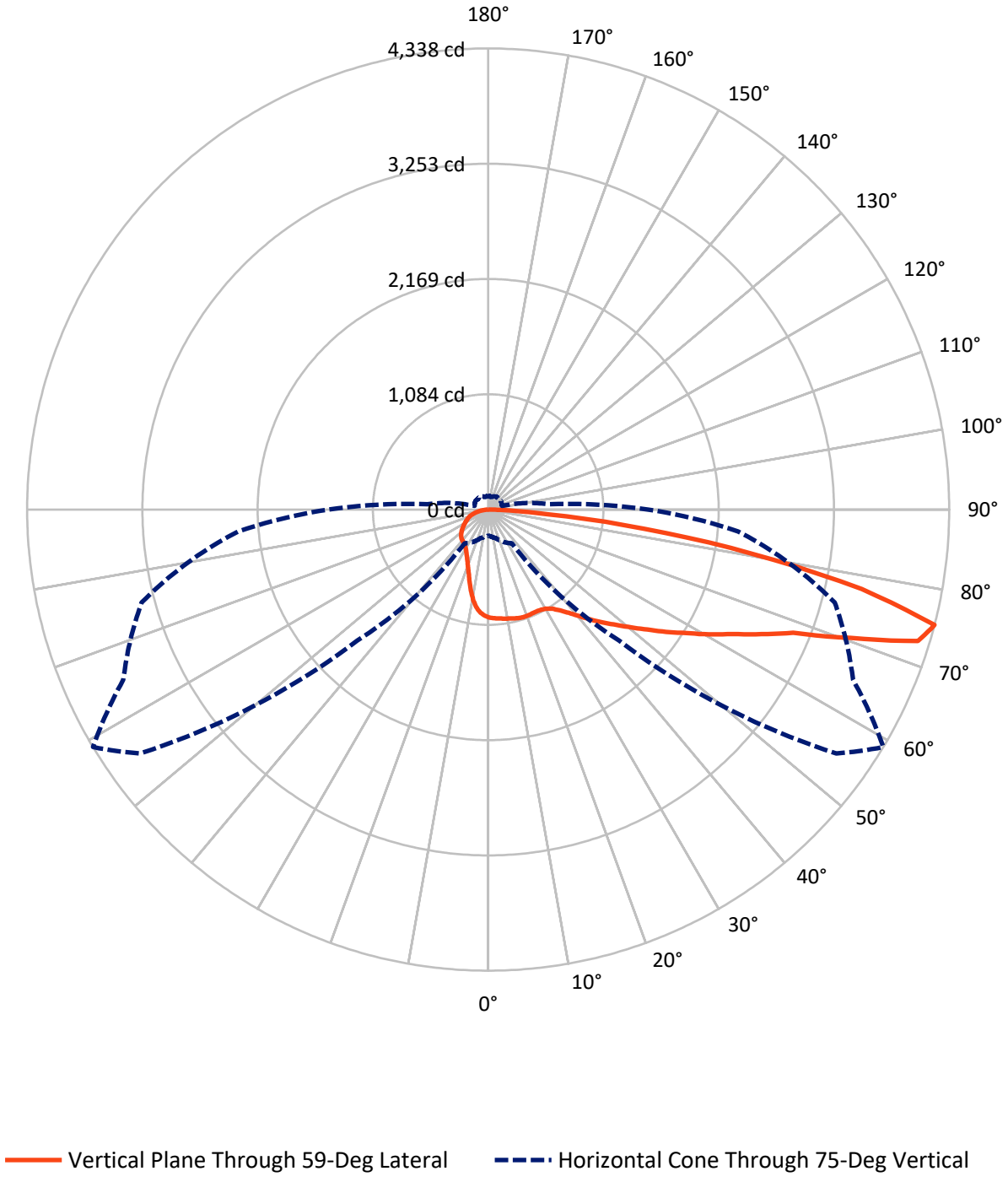
Based on 10 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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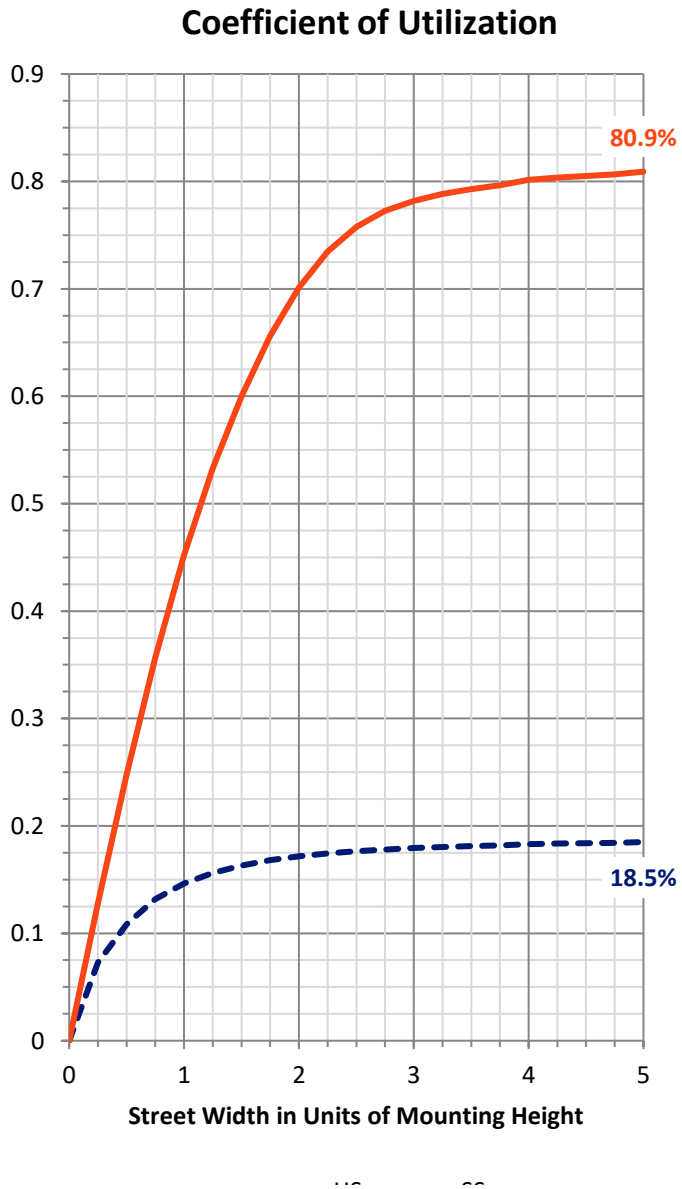
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1037.8	0.0	1037.8
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	4495.2	0.0	4495.2
	% Fixture	81.2	0.0	81.2
Total	Lumens	5533.0	0.0	5533.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.1	1.6
10°-20°	232.8	4.2
20°-30°	353.5	6.4
30°-40°	525.5	9.5
40°-50°	781.6	14.1
50°-60°	1060.9	19.2
60°-70°	1295.2	23.4
70°-80°	1016.4	18.4
80°-90°	176.1	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°	5533.0	100.0
0°-180°	5533.0	100.0



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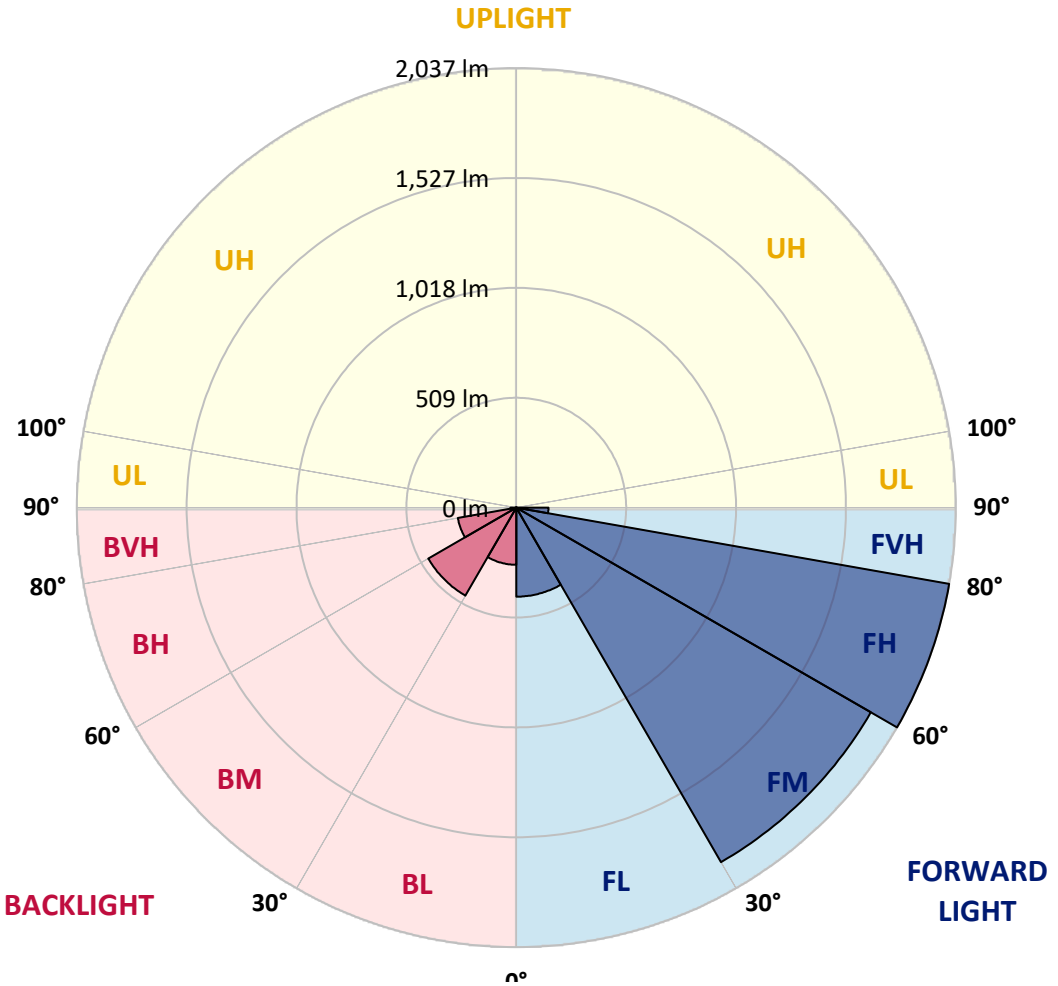
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	412.5	7.5			
FM	(30°-60°)	1896.9	34.3			
FH	(60°-80°)	2036.6	36.8			G2/5000
FVH	(80°-90°)	149.1	2.7			G2/225
BL	(0°-30°)	264.8	4.8	B1/500		
BM	(30°-60°)	471.0	8.5	B1/1000		
BH	(60°-80°)	274.9	5.0	B1/500		G1/500
BVH	(80°-90°)	27.0	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°	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	*1015.6*	1015.6	1015.6	1015.6
2.5°	1024.2	1020.6	1024.2	1022.7	1022.1	1020.9	1021.2	*1023.3*	1022.1	1023.6	1018.5
5°	1017.4	1015.3	1018.8	1018.0	1021.8	1022.4	1026.3	*1028.7*	1030.2	1030.5	1026.6
7.5°	1006.0	1004.0	1009.0	1013.2	1021.5	1023.9	1031.9	*1035.8*	1037.9	1041.5	1035.8
10°	964.7	963.8	976.3	992.1	1011.7	1023.9	1036.1	*1042.7*	1045.9	1055.5	1048.9
12.5°	891.5	892.6	909.0	939.4	978.7	1018.0	1040.9	*1050.4*	1055.5	1067.4	1064.4
15°	821.5	821.2	839.1	871.5	926.6	991.8	1043.3	*1059.6*	1068.3	1085.8	1083.4
17.5°	781.0	779.8	792.3	817.0	868.2	951.6	1037.3	*1064.7*	1083.1	1105.2	1103.1
20°	773.6	771.2	777.8	790.0	826.3	907.5	1021.8	*1064.7*	1095.0	1123.6	1122.4
22.5°	800.7	796.8	794.1	792.6	808.7	871.2	1004.3	*1061.1*	1112.6	1150.1	1148.0
25°	855.1	849.2	835.5	822.1	817.3	854.8	988.8	*1060.2*	1138.8	1185.8	1178.1
27.5°	943.2	935.8	908.1	876.0	847.1	863.2	981.9	*1065.6*	1167.7	1223.6	1208.1
30°	1052.5	1044.4	1009.6	960.2	908.4	894.1	990.6	*1081.3*	1204.6	1273.9	1243.6
32.5°	1150.4	1141.5	1111.7	1061.4	991.5	947.7	1018.0	*1111.4*	1262.6	1343.9	1296.8
35°	1237.3	1226.9	1200.1	1153.7	1093.3	1023.0	1067.4	*1164.7*	1345.1	1457.6	1369.2
37.5°	1322.4	1310.2	1281.1	1232.0	1189.7	1123.3	1135.5	*1233.1*	1454.6	1595.7	1465.0
40°	1417.7	1400.1	1364.7	1316.2	1275.1	1240.9	1225.1	*1317.1*	1565.9	1749.9	1584.7
42.5°	1510.0	1493.3	1451.0	1409.7	1358.2	1348.3	1329.0	*1415.3*	1687.7	1919.2	1706.1
45°	1609.4	1589.4	1538.2	1485.9	1453.4	1419.8	1429.6	*1513.5*	1807.0	2091.9	1833.5
47.5°	1702.5	1680.2	1619.8	1561.5	1543.6	1479.9	1521.9	*1621.6*	1931.1	2266.9	1959.7
50°	1752.8	1730.8	1680.5	1627.8	1613.8	1554.0	1621.9	*1740.3*	2061.2	2441.3	2080.8
52.5°	1794.8	1771.0	1705.2	1676.0	1671.9	1634.7	1745.1	*1876.1*	2191.3	2595.5	2197.8
55°	1839.5	1813.0	1729.0	1702.8	1721.9	1725.2	1891.2	*2029.9*	2328.8	2745.8	2308.2
57.5°	1890.9	1857.3	1751.9	1725.5	1770.7	1831.1	2059.1	*2189.5*	2463.9	2885.1	2406.5
60°	1939.5	1905.5	1796.0	1761.5	1823.4	1954.0	2251.7	*2382.7*	2616.9	3009.2	2499.3
62.5°	1949.0	1921.0	1831.1	1830.8	1894.8	2097.5	2479.7	*2577.6*	2750.6	3131.8	2582.7
65°	1784.1	1766.5	1713.3	1828.1	1997.2	2304.1	2733.6	*2827.0*	2920.5	3239.0	2655.9
67.5°	1357.9	1360.2	1356.4	1578.1	1914.5	2600.8	3101.2	*3094.0*	3130.3	3359.2	2740.1
70°	620.9	634.9	726.0	1089.4	1533.8	2635.1	3709.0	*3616.4*	3393.8	3514.9	2813.1
72.5°	335.4	346.2	383.4	527.7	922.1	2342.8	4163.2	*4229.0*	3744.1	3619.7	2733.0
75°	*246.2*	*252.1*	*278.0*	*335.4*	*387.2*	*1741.2*	*4000.4*	*4337.9*	*3787.8*	*3375.3*	*2360.0*
77.5°	184.2	186.9	208.1	265.8	198.2	917.9	3196.4	*3592.6*	3242.6	2773.2	1743.3
80°	133.6	136.6	152.4	199.4	139.0	335.7	2194.8	*2521.7*	2220.7	1767.7	868.8
82.5°	92.3	93.5	100.3	135.7	97.0	130.4	1245.4	*1478.7*	1239.7	620.3	234.5
85°	55.7	57.1	60.1	79.2	55.1	61.9	537.5	*556.0*	370.6	148.2	72.9
87.5°	22.9	24.4	26.8	33.3	21.7	17.3	88.7	*111.3*	69.4	43.5	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6
2.5°	1017.1	1015.0	1009.3	1001.6	994.4	985.5	981.6	978.4	975.4	969.7	967.1
5°	1023.3	1017.7	1002.5	982.8	960.5	936.1	912.3	895.9	881.9	871.5	862.9
7.5°	1032.8	1022.1	994.4	954.3	903.1	850.7	803.3	769.7	744.4	735.2	719.1
10°	1042.7	1029.9	981.6	910.8	822.4	741.7	678.9	644.4	624.2	617.6	607.5
12.5°	1054.3	1035.5	961.7	850.4	732.2	643.8	589.0	568.8	558.4	554.8	555.7
15°	1071.2	1040.3	931.6	774.8	646.2	572.4	537.0	523.0	517.6	517.3	518.5
17.5°	1084.0	1041.2	884.9	693.8	580.1	529.2	500.0	494.7	498.3	503.6	505.7
20°	1098.3	1033.1	823.6	620.0	533.7	491.4	479.2	482.8	491.4	499.2	501.8
22.5°	1108.4	1018.5	749.5	562.6	493.5	469.7	469.1	476.5	481.3	485.2	487.2
25°	1117.4	993.8	670.9	514.3	460.5	456.6	463.1	460.8	457.5	460.8	462.8
27.5°	1123.9	954.8	600.7	472.1	437.2	447.7	443.8	438.4	438.1	439.9	442.9
30°	1121.8	902.8	542.9	431.9	420.9	431.0	421.8	420.9	420.0	420.9	424.1
32.5°	1121.8	843.5	498.6	404.2	410.5	406.6	405.7	403.6	400.0	399.7	403.6
35°	1128.1	784.3	460.5	389.3	401.8	392.6	393.2	388.1	380.7	377.1	380.7
37.5°	1140.9	736.7	422.7	382.2	386.6	386.3	384.0	375.3	362.2	350.9	354.8
40°	1171.8	722.7	396.8	378.9	379.5	383.1	376.8	360.2	330.4	311.9	314.3
42.5°	1220.4	746.2	391.1	370.9	374.7	378.3	366.1	327.4	306.3	295.3	295.3
45°	1282.0	787.3	403.3	359.3	363.4	369.7	333.4	314.9	305.4	305.7	307.2
47.5°	1359.9	830.4	425.9	349.1	347.1	350.6	311.6	300.3	287.2	290.5	298.8
50°	1450.1	874.2	447.4	335.4	328.9	317.3	297.6	286.9	270.3	262.5	264.6
52.5°	1547.8	916.5	456.0	318.8	309.3	295.9	288.1	275.0	254.8	242.0	241.7
55°	1640.3	954.8	446.5	298.8	289.6	279.2	278.0	270.0	248.2	230.4	230.4
57.5°	1727.8	987.0	422.7	278.6	269.7	263.4	271.5	267.6	240.2	217.3	216.1
60°	1802.0	1009.0	388.1	258.1	251.8	248.5	260.7	259.5	228.9	203.3	202.4
62.5°	1860.9	1017.7	350.0	238.4	236.9	231.0	245.9	245.9	214.6	189.6	188.7
65°	1907.0	1009.3	311.3	219.1	222.0	213.1	227.7	225.9	199.4	177.4	176.2
67.5°	1947.8	981.9	268.5	200.0	206.9	195.6	208.7	204.5	182.8	165.2	164.0
70°	1966.0	918.2	219.7	181.0	189.3	178.3	189.6	181.9	164.0	152.1	149.7
72.5°	1820.1	763.2	172.9	161.0	168.2	159.2	169.1	160.1	143.8	138.4	133.9
75°	*1505.8*	*572.7*	*133.0*	*139.3*	*144.7*	*137.8*	*144.4*	*137.8*	*122.9*	*126.8*	*115.8*
77.5°	1093.6	386.6	101.8	116.4	118.8	115.2	120.8	113.4	100.0	99.1	94.7
80°	543.8	226.5	79.8	92.0	91.1	88.7	95.2	91.7	80.4	85.1	84.2
82.5°	157.5	97.0	58.0	64.6	62.8	63.4	68.2	69.9	104.8	103.9	106.3
85°	49.4	38.1	34.8	36.0	34.2	35.1	40.2	79.8	73.8	43.2	46.7
87.5°	12.8	13.1	8.6	9.2	9.5	11.3	12.8	48.5	23.2	15.2	16.1
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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(END OF REPORT)