

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P944882

Luminaire Tested: **GALN-SB1A-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944882
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SB1A-730-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4471 lumens
Efficiency: N/A
Efficacy: 144.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



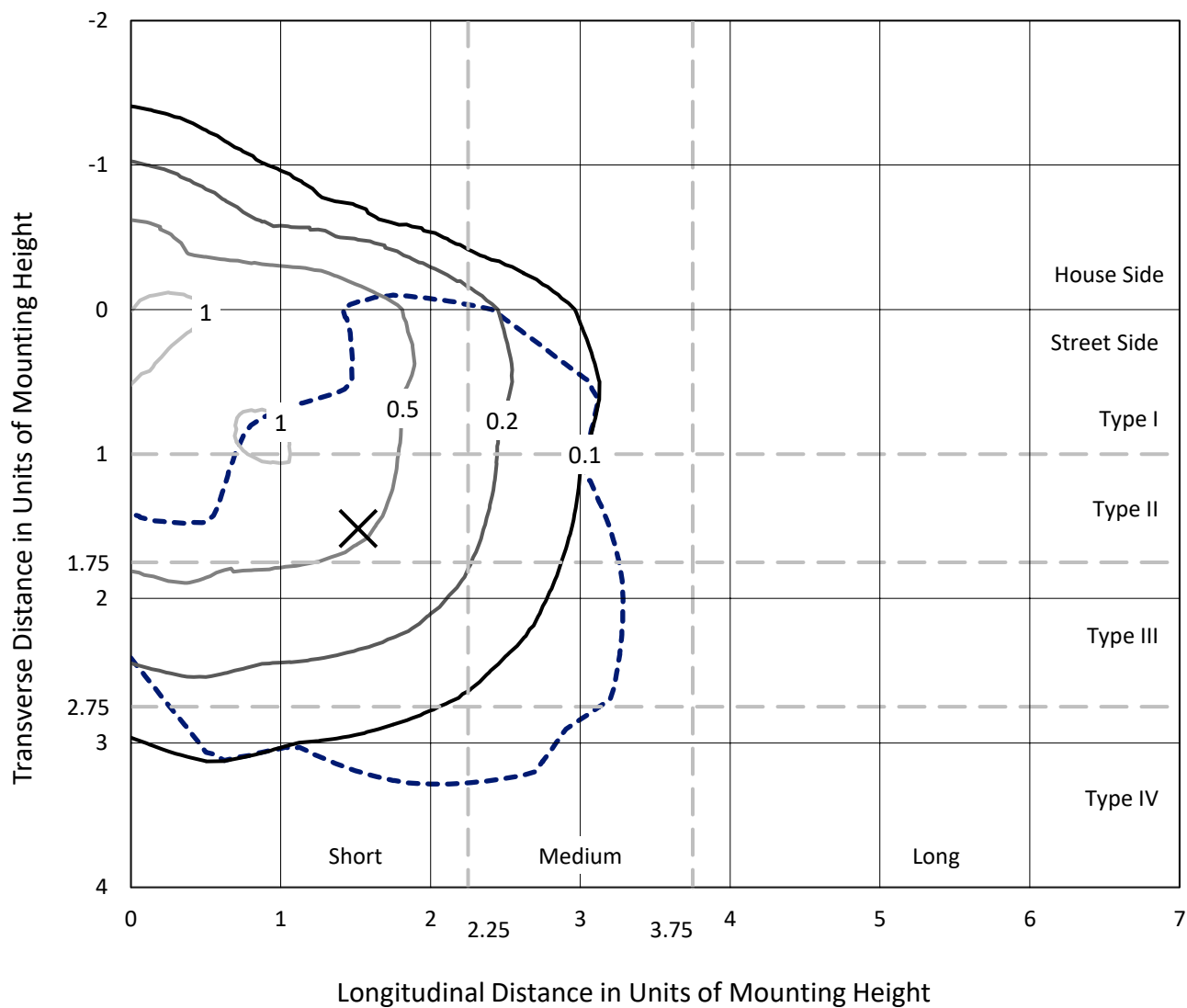
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

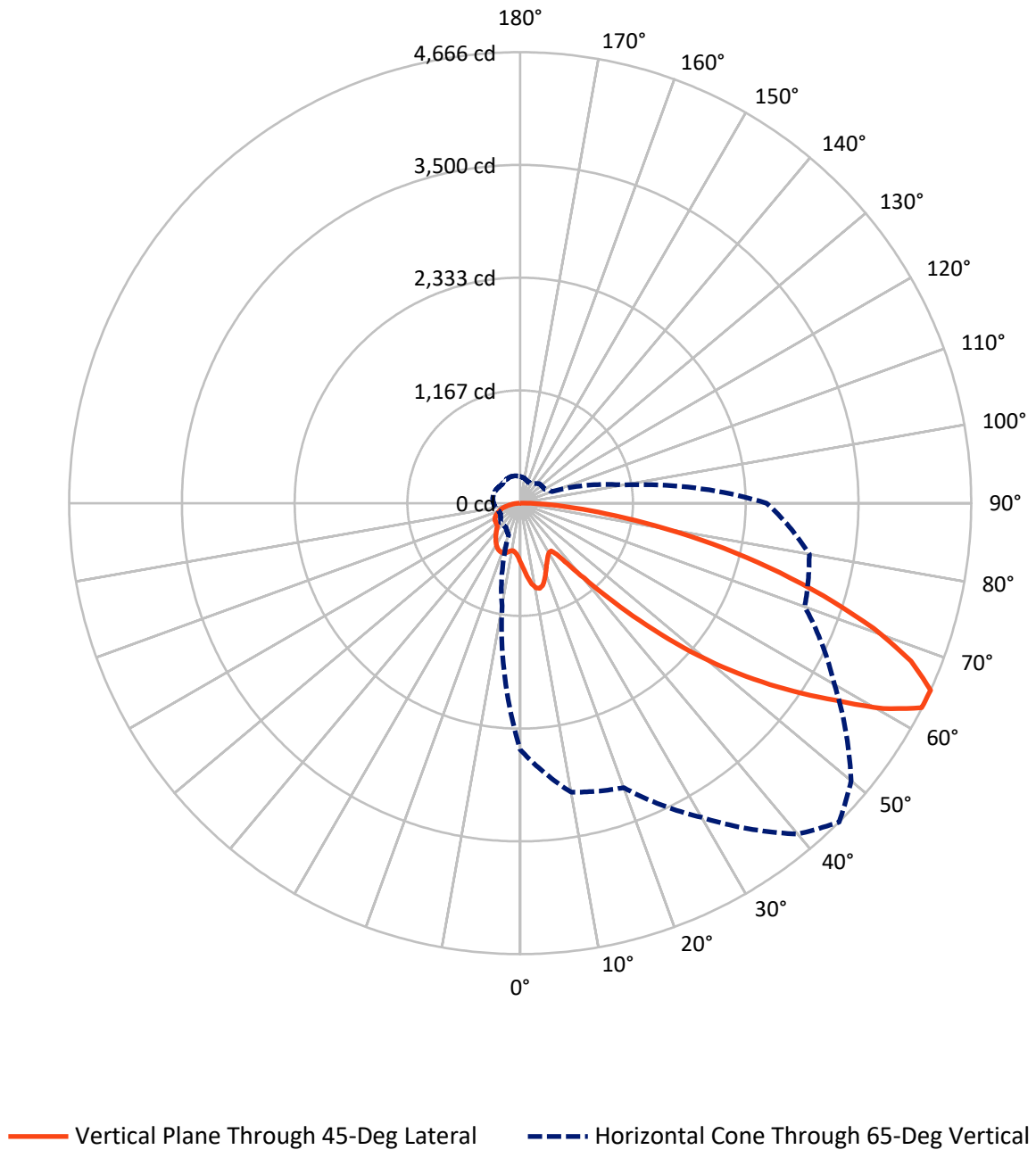
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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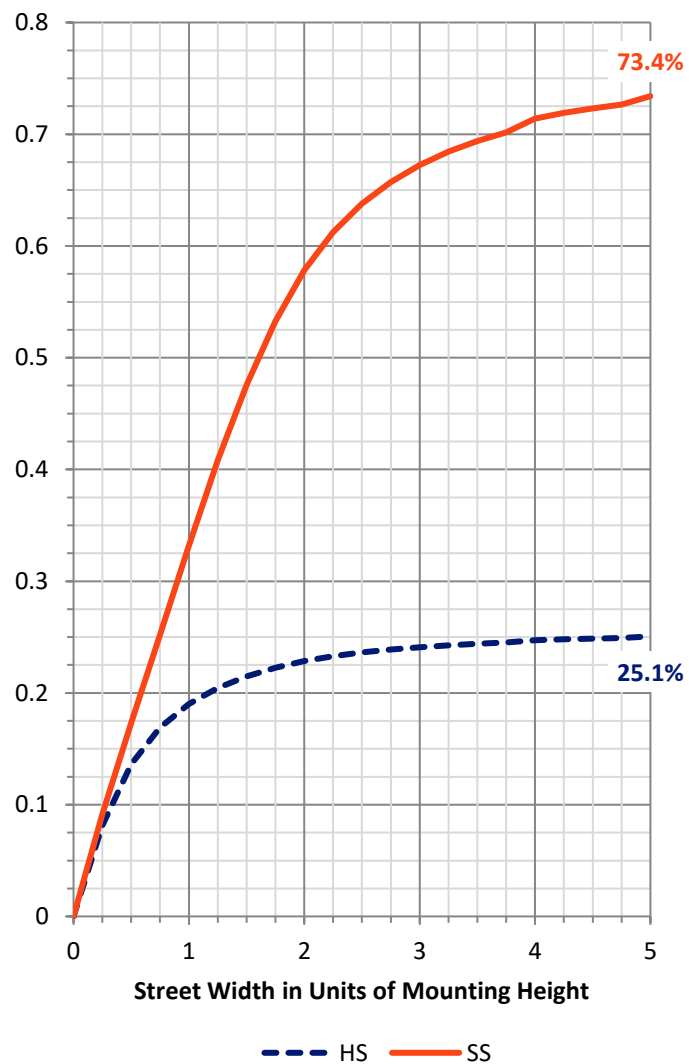
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1136.3	0.0	1136.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3334.7	0.0	3334.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	4471.0	0.0	4471.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.0	1.4
10°-20°	191.5	4.3
20°-30°	295.7	6.6
30°-40°	374.8	8.4
40°-50°	565.2	12.6
50°-60°	913.2	20.4
60°-70°	1138.5	25.5
70°-80°	746.6	16.7
80°-90°	184.6	4.1
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°	4471.0	100.0
0°-180°	4471.0	100.0

Coefficient of Utilization



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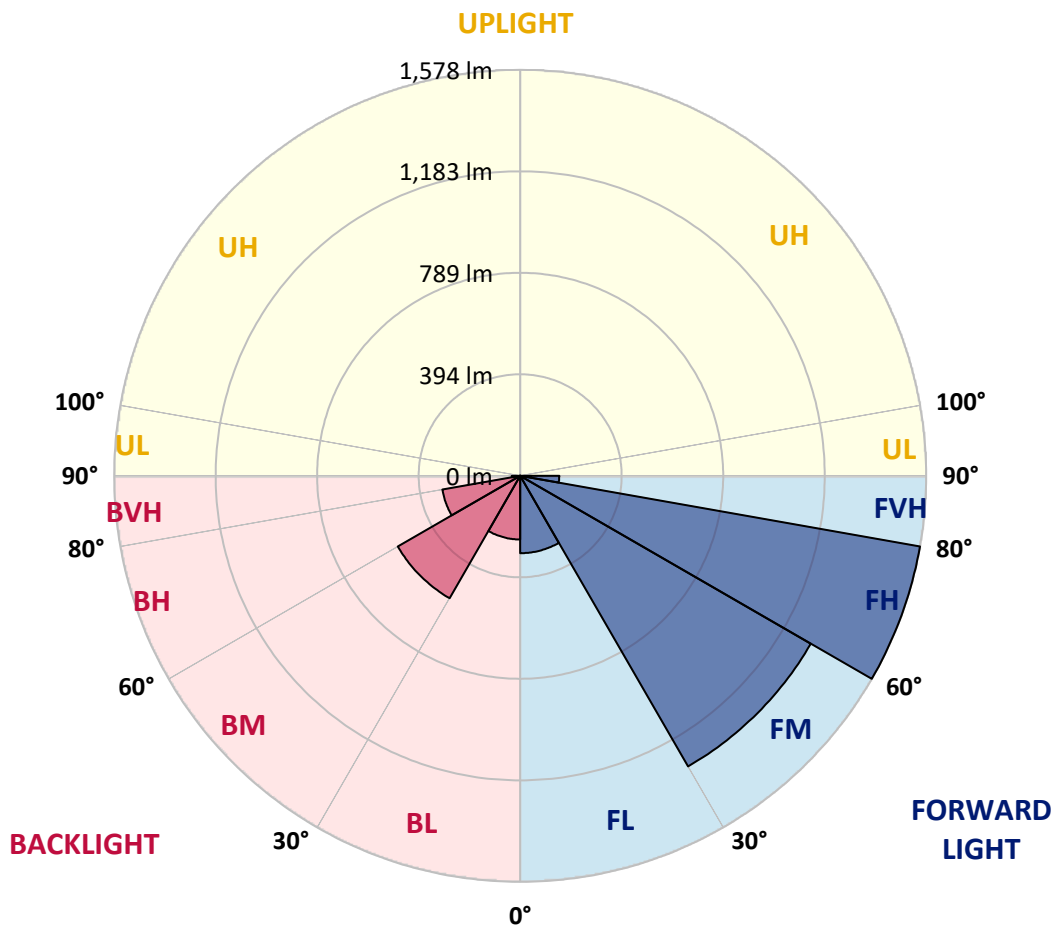
CATALOG NUMBER: GALN-SB1A-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	300.7	6.7			
FM	(30°-60°)	1304.1	29.2			
FH	(60°-80°)	1577.8	35.3			G1/1800
FVH	(80°-90°)	152.0	3.4			G2/225
BL	(0°-30°)	247.4	5.5	B1/500		
BM	(30°-60°)	549.1	12.3	B1/1000		
BH	(60°-80°)	307.2	6.9	B1/500		G1/500
BVH	(80°-90°)	32.5	0.7			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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	661.2	663.7	666.2	669.7	673.3	675.4	677.6	678.6	679.7	679.2	679.7
5°	710.9	719.7	728.5	737.1	745.9	750.6	755.3	758.1	761.0	763.2	761.0
7.5°	761.0	775.2	789.4	802.2	815.0	822.8	830.5	834.7	838.8	840.8	838.8
10°	799.3	816.1	833.0	848.0	863.0	872.1	881.2	885.3	889.3	890.8	889.3
12.5°	822.8	841.0	859.3	872.8	886.4	893.0	899.6	901.8	904.0	904.3	904.0
15°	837.0	852.8	868.5	877.0	885.6	885.8	886.1	883.7	881.3	878.6	881.3
17.5°	845.1	855.7	866.3	866.5	866.6	857.1	847.5	838.8	830.0	823.8	830.0
20°	853.9	857.6	861.3	850.1	838.9	817.8	796.7	781.4	766.0	756.6	766.0
22.5°	864.2	859.3	854.4	831.2	808.0	777.0	746.0	726.8	707.6	697.1	707.6
25°	877.4	862.0	846.7	811.5	776.2	738.5	700.9	680.7	660.5	650.7	660.5
27.5°	895.3	867.9	840.5	793.8	747.1	705.3	663.6	643.7	623.9	614.6	623.9
30°	919.5	878.6	837.7	780.3	722.8	679.3	635.8	617.4	598.9	590.3	598.9
32.5°	948.0	892.1	836.1	771.1	706.1	665.2	624.3	609.8	595.3	589.1	595.3
35°	982.7	914.2	845.7	778.0	710.2	681.8	653.4	650.1	646.7	646.2	646.7
37.5°	1041.1	960.5	879.9	818.4	756.8	754.9	753.1	768.5	784.0	792.0	784.0
40°	1129.3	1041.7	954.1	908.3	862.5	894.8	927.1	964.6	1002.1	1020.8	1002.1
42.5°	1246.4	1159.4	1072.4	1046.1	1019.7	1090.2	1160.7	1228.9	1297.1	1337.2	1297.1
45°	1390.9	1312.7	1234.6	1223.0	1211.3	1324.3	1437.2	1549.3	1661.4	1729.5	1661.4
47.5°	1571.6	1495.6	1419.6	1417.2	1414.8	1577.8	1740.6	1904.8	2068.9	2165.3	2068.9
50°	1808.4	1714.6	1620.7	1621.1	1621.5	1831.5	2041.4	2258.1	2474.7	2605.7	2474.7
52.5°	2080.3	1966.7	1853.0	1841.5	1830.0	2080.8	2331.6	2599.7	2867.7	3024.7	2867.7
55°	2369.8	2257.5	2145.2	2100.4	2055.6	2334.7	2613.8	2933.4	3252.9	3439.7	3252.9
57.5°	2633.1	2571.9	2510.8	2420.9	2331.1	2612.9	2894.8	3256.7	3618.6	3850.2	3618.6
60°	2792.2	2887.2	2982.2	2870.6	2759.0	3025.7	3292.5	3680.0	4067.5	4317.8	4067.5
62.5°	2711.4	2970.9	3230.5	3217.9	3205.3	3449.6	3694.0	4062.7	4431.4	4662.7	4431.4
65°	2549.7	2793.3	3036.8	3085.0	3133.2	3443.7	3754.3	4111.8	4469.3	4666.2	4469.3
67.5°	2333.0	2564.7	2796.3	2818.9	2841.5	3165.0	3488.6	3847.6	4206.6	4360.9	4206.6
70°	2072.7	2324.6	2576.6	2586.7	2596.9	2886.2	3175.5	3484.5	3793.4	3879.2	3793.4
72.5°	1762.4	2051.6	2340.8	2348.0	2355.3	2581.6	2808.0	3039.4	3270.8	3279.5	3270.8
75°	1370.0	1669.3	1968.5	1995.4	2022.3	2198.4	2374.5	2537.4	2700.3	2656.7	2700.3
77.5°	978.8	1258.2	1537.6	1576.0	1614.5	1748.4	1882.3	1997.8	2113.3	2038.3	2113.3
80°	640.6	875.7	1110.7	1158.5	1206.3	1307.4	1408.5	1469.2	1529.8	1409.1	1529.8
82.5°	372.4	533.1	693.8	747.2	800.6	870.2	939.8	965.1	990.4	895.5	990.4
85°	163.8	249.1	334.4	379.8	425.2	482.4	539.6	554.0	568.3	492.4	568.3
87.5°	50.7	79.4	108.1	133.4	158.7	187.3	215.9	217.1	218.3	183.3	218.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	678.6	677.6	675.4	673.3	669.7	666.2	663.7	661.2	656.1	651.0	645.6
5°	758.1	755.3	750.6	745.9	737.1	728.5	719.7	710.9	699.7	688.5	677.3
7.5°	834.7	830.5	822.8	815.0	802.2	789.4	775.2	761.0	742.5	724.0	706.9
10°	885.3	881.2	872.1	863.0	848.0	833.0	816.1	799.3	775.9	752.5	730.0
12.5°	901.8	899.6	893.0	886.4	872.8	859.3	841.0	822.8	797.1	771.4	745.8
15°	883.7	886.1	885.8	885.6	877.0	868.5	852.8	837.0	810.3	783.5	755.7
17.5°	838.8	847.5	857.1	866.6	866.5	866.3	855.7	845.1	817.9	790.7	760.5
20°	781.4	796.7	817.8	838.9	850.1	861.3	857.6	853.9	825.7	797.4	764.2
22.5°	726.8	746.0	777.0	808.0	831.2	854.4	859.3	864.2	835.3	806.5	769.2
25°	680.7	700.9	738.5	776.2	811.5	846.7	862.0	877.4	849.1	820.9	778.2
27.5°	643.7	663.6	705.3	747.1	793.8	840.5	867.9	895.3	868.4	841.4	792.4
30°	617.4	635.8	679.3	722.8	780.3	837.7	878.6	919.5	893.4	867.4	810.7
32.5°	609.8	624.3	665.2	706.1	771.1	836.1	892.1	948.0	922.2	896.5	829.9
35°	650.1	653.4	681.8	710.2	778.0	845.7	914.2	982.7	958.0	933.3	851.7
37.5°	768.5	753.1	754.9	756.8	818.4	879.9	960.5	1041.1	1009.6	978.2	876.1
40°	964.6	927.1	894.8	862.5	908.3	954.1	1041.7	1129.3	1083.5	1037.6	907.1
42.5°	1228.9	1160.7	1090.2	1019.7	1046.1	1072.4	1159.4	1246.4	1180.2	1114.0	947.6
45°	1549.3	1437.2	1324.3	1211.3	1223.0	1234.6	1312.7	1390.9	1301.6	1212.3	1001.0
47.5°	1904.8	1740.6	1577.8	1414.8	1417.2	1419.6	1495.6	1571.6	1445.9	1320.2	1057.9
50°	2258.1	2041.4	1831.5	1621.5	1621.1	1620.7	1714.6	1808.4	1619.0	1429.5	1110.6
52.5°	2599.7	2331.6	2080.8	1830.0	1841.5	1853.0	1966.7	2080.3	1800.8	1521.2	1144.9
55°	2933.4	2613.8	2334.7	2055.6	2100.4	2145.2	2257.5	2369.8	1961.9	1554.1	1137.3
57.5°	3256.7	2894.8	2612.9	2331.1	2420.9	2510.8	2571.9	2633.1	2076.2	1519.3	1084.2
60°	3680.0	3292.5	3025.7	2759.0	2870.6	2982.2	2887.2	2792.2	2104.7	1417.2	985.3
62.5°	4062.7	3694.0	3449.6	3205.3	3217.9	3230.5	2970.9	2711.4	1984.5	1257.6	851.6
65°	4111.8	3754.3	3443.7	3133.2	3085.0	3036.8	2793.3	2549.7	1814.4	1079.2	715.2
67.5°	3847.6	3488.6	3165.0	2841.5	2818.9	2796.3	2564.7	2333.0	1612.0	891.1	581.6
70°	3484.5	3175.5	2886.2	2596.9	2586.7	2576.6	2324.6	2072.7	1391.2	709.8	457.9
72.5°	3039.4	2808.0	2581.6	2355.3	2348.0	2340.8	2051.6	1762.4	1151.8	541.2	350.1
75°	2537.4	2374.5	2198.4	2022.3	1995.4	1968.5	1669.3	1370.0	877.4	384.7	254.1
77.5°	1997.8	1882.3	1748.4	1614.5	1576.0	1537.6	1258.2	978.8	614.1	249.3	172.2
80°	1469.2	1408.5	1307.4	1206.3	1158.5	1110.7	875.7	640.6	395.6	150.6	110.9
82.5°	965.1	939.8	870.2	800.6	747.2	693.8	533.1	372.4	229.0	85.6	68.2
85°	554.0	539.6	482.4	425.2	379.8	334.4	249.1	163.8	103.0	42.2	36.5
87.5°	217.1	215.9	187.3	158.7	133.4	108.1	79.4	50.7	33.7	16.8	15.1
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	640.2	634.8	629.4	624.2	619.0	614.0	608.4	603.9	599.3	595.3	591.2
5°	666.2	654.9	643.7	633.2	622.7	612.8	603.0	594.5	585.9	578.7	571.6
7.5°	689.8	673.2	656.6	641.9	627.3	613.7	601.1	589.7	578.4	568.9	559.5
10°	707.4	687.2	667.0	649.7	632.3	615.6	602.0	590.0	578.0	568.6	559.2
12.5°	720.3	696.4	672.6	653.0	633.4	615.9	603.2	593.4	583.6	577.3	571.1
15°	728.0	700.6	673.1	650.4	627.7	608.3	598.2	593.5	588.8	589.7	590.5
17.5°	730.2	698.4	666.5	639.2	611.9	589.1	582.8	584.6	586.3	596.5	606.8
20°	730.9	692.3	653.7	619.9	586.1	559.5	557.8	565.8	573.9	591.7	609.6
22.5°	731.9	684.9	638.0	597.2	556.5	526.2	529.4	541.3	553.2	573.6	594.0
25°	735.6	677.6	619.6	571.9	524.2	493.2	501.9	515.6	529.3	547.6	566.0
27.5°	743.4	672.7	602.1	548.8	495.5	467.2	477.9	491.1	504.3	519.3	534.4
30°	754.0	670.4	586.8	529.4	472.1	448.4	456.7	467.2	477.7	490.2	502.7
32.5°	763.2	667.6	571.9	512.7	453.6	434.4	438.1	444.4	450.6	460.5	470.5
35°	770.0	662.3	554.6	496.3	438.1	422.2	420.6	422.3	424.1	431.7	439.3
37.5°	774.0	653.1	532.3	477.0	421.8	407.9	402.3	400.4	398.5	404.0	409.4
40°	776.5	640.6	504.6	454.0	403.4	390.8	382.2	377.9	373.6	377.6	381.5
42.5°	781.3	627.6	473.9	428.6	383.3	371.7	360.8	355.2	349.5	352.7	356.0
45°	789.7	615.5	441.4	401.6	361.9	350.1	339.6	334.1	328.6	331.3	334.0
47.5°	795.5	605.6	415.6	380.3	344.9	329.7	320.7	316.0	311.4	314.0	316.5
50°	791.7	594.7	397.7	366.1	334.5	314.5	304.0	299.9	295.8	299.8	303.7
52.5°	768.5	576.4	384.3	356.8	329.2	306.2	291.5	287.5	283.5	289.4	295.4
55°	720.5	546.0	371.5	350.0	328.4	307.0	284.9	278.5	272.1	280.6	289.0
57.5°	649.1	503.2	357.2	342.0	326.7	307.9	281.0	271.6	262.3	271.4	280.5
60°	553.4	447.5	341.7	329.7	317.7	305.3	277.3	265.1	253.0	261.0	269.0
62.5°	445.6	381.0	316.3	308.4	300.4	298.9	272.9	257.8	242.6	247.7	252.8
65°	351.2	321.1	290.9	287.1	283.4	283.6	263.8	247.7	231.6	233.5	235.4
67.5°	272.1	263.5	254.9	257.0	259.1	258.6	247.4	234.0	220.6	220.0	219.4
70°	206.1	208.5	211.0	220.7	230.4	230.4	226.7	217.2	207.7	205.5	203.4
72.5°	159.0	166.3	173.8	187.5	201.3	203.6	203.6	197.1	190.6	187.5	184.4
75°	123.4	130.1	136.8	152.3	167.7	178.4	177.5	172.4	167.4	164.4	161.4
77.5°	95.0	99.6	104.2	119.1	134.1	151.7	151.2	147.2	143.2	140.1	137.1
80°	71.2	73.1	75.0	87.7	100.4	121.4	121.3	117.9	114.5	112.0	109.5
82.5°	50.9	51.2	51.6	61.0	70.3	88.2	89.2	87.6	85.9	84.1	82.3
85°	30.8	30.6	30.4	37.3	44.1	57.4	58.7	57.0	55.2	53.2	51.2
87.5°	13.5	13.3	13.2	15.9	18.8	24.3	26.0	25.2	24.5	24.2	23.8
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	587.6	584.1	580.5	576.9	574.2	571.4	569.2	566.9	565.2	563.4	561.8
5°	565.3	558.9	553.2	547.4	543.0	538.6	535.5	532.4	530.2	528.0	526.4
7.5°	551.5	543.6	536.5	529.5	524.3	519.0	515.3	511.7	509.1	506.6	505.1
10°	550.6	542.0	534.1	526.2	519.9	513.6	509.5	505.4	503.0	500.6	499.3
12.5°	564.4	557.7	549.5	541.3	533.3	525.3	520.0	514.7	512.0	509.3	508.3
15°	588.8	587.0	579.9	572.8	561.4	550.0	541.9	533.8	530.1	526.4	525.0
17.5°	612.3	617.7	612.0	606.3	591.2	576.1	564.2	552.3	546.8	541.3	539.5
20°	621.1	632.5	629.9	627.2	609.9	592.6	578.0	563.5	556.5	549.5	547.2
22.5°	608.9	623.8	625.4	627.0	610.4	593.9	578.9	563.9	556.5	549.1	546.6
25°	580.6	595.3	600.7	606.2	592.6	579.1	565.8	552.5	546.1	539.7	537.3
27.5°	546.1	557.9	564.0	570.1	560.4	550.8	540.5	530.1	525.8	521.5	520.4
30°	512.4	522.2	527.2	532.1	524.8	517.4	510.0	502.6	500.4	498.1	498.1
32.5°	479.9	489.2	494.7	500.3	493.5	486.7	480.8	474.9	473.5	472.0	472.2
35°	448.5	457.8	464.4	471.0	466.2	461.4	455.9	450.5	448.3	446.1	445.6
37.5°	418.7	427.9	436.1	444.2	442.0	439.8	434.8	429.7	425.7	421.8	419.7
40°	390.4	399.4	408.8	418.2	418.7	419.2	415.0	410.7	404.9	399.1	395.2
42.5°	364.4	372.9	383.0	393.2	395.9	398.6	395.0	391.4	384.2	377.0	371.3
45°	342.0	350.1	360.6	371.1	375.0	378.9	375.6	372.4	364.2	356.0	349.3
47.5°	324.3	332.2	342.6	352.9	357.4	361.9	359.6	357.4	350.1	342.7	336.6
50°	311.2	318.5	327.8	337.1	342.9	348.6	348.5	348.4	342.6	336.7	331.0
52.5°	302.2	308.9	317.6	326.3	333.1	339.9	341.1	342.4	337.6	332.8	327.7
55°	296.4	303.7	311.3	318.8	326.1	333.3	335.0	336.7	332.5	328.4	323.9
57.5°	289.1	297.7	305.2	312.7	320.0	327.3	329.0	330.7	326.5	322.3	317.9
60°	278.9	288.7	296.3	304.0	311.3	318.6	320.5	322.4	318.3	314.2	309.6
62.5°	264.3	275.8	283.9	292.1	298.8	305.5	307.3	309.1	305.4	301.7	296.9
65°	247.8	260.1	267.9	275.7	281.6	287.5	289.3	291.2	287.6	284.0	279.4
67.5°	230.8	242.2	249.6	256.9	262.0	267.1	268.9	270.7	267.4	264.2	259.8
70°	213.4	223.4	229.8	236.2	240.8	245.4	247.1	248.8	246.2	243.5	239.4
72.5°	192.2	200.1	205.9	211.6	216.1	220.6	222.7	224.8	222.6	220.3	216.4
75°	167.3	173.1	178.3	183.5	187.6	191.8	193.9	196.1	195.0	193.9	190.6
77.5°	141.9	146.6	151.1	155.6	159.9	164.2	166.2	168.3	166.7	165.2	161.8
80°	113.4	117.4	121.1	124.9	128.2	131.5	134.1	136.8	136.2	135.5	131.0
82.5°	82.0	81.7	80.4	79.0	86.0	93.0	97.6	102.2	101.9	101.6	97.8
85°	49.5	47.8	44.1	40.5	47.0	53.6	59.2	64.9	64.4	63.9	61.0
87.5°	23.7	23.6	20.9	18.0	20.8	23.5	25.8	28.1	27.6	26.9	25.4
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	560.2	558.2	560.2	561.8	563.4	565.2	566.9	569.2	571.4	574.2	576.9
5°	524.7	523.0	524.7	526.4	528.0	530.2	532.4	535.5	538.6	543.0	547.4
7.5°	503.6	502.5	503.6	505.1	506.6	509.1	511.7	515.3	519.0	524.3	529.5
10°	498.1	497.6	498.1	499.3	500.6	503.0	505.4	509.5	513.6	519.9	526.2
12.5°	507.2	507.0	507.2	508.3	509.3	512.0	514.7	520.0	525.3	533.3	541.3
15°	523.6	523.5	523.6	525.0	526.4	530.1	533.8	541.9	550.0	561.4	572.8
17.5°	537.7	537.4	537.7	539.5	541.3	546.8	552.3	564.2	576.1	591.2	606.3
20°	545.0	544.3	545.0	547.2	549.5	556.5	563.5	578.0	592.6	609.9	627.2
22.5°	544.1	543.1	544.1	546.6	549.1	556.5	563.9	578.9	593.9	610.4	627.0
25°	535.0	533.6	535.0	537.3	539.7	546.1	552.5	565.8	579.1	592.6	606.2
27.5°	519.4	519.0	519.4	520.4	521.5	525.8	530.1	540.5	550.8	560.4	570.1
30°	498.1	498.5	498.1	498.1	498.1	500.4	502.6	510.0	517.4	524.8	532.1
32.5°	472.4	472.8	472.4	472.2	472.0	473.5	474.9	480.8	486.7	493.5	500.3
35°	445.2	444.9	445.2	445.6	446.1	448.3	450.5	455.9	461.4	466.2	471.0
37.5°	417.6	416.4	417.6	419.7	421.8	425.7	429.7	434.8	439.8	442.0	444.2
40°	391.3	389.0	391.3	395.2	399.1	404.9	410.7	415.0	419.2	418.7	418.2
42.5°	365.6	361.9	365.6	371.3	377.0	384.2	391.4	395.0	398.6	395.9	393.2
45°	342.6	338.3	342.6	349.3	356.0	364.2	372.4	375.6	378.9	375.0	371.1
47.5°	330.4	326.3	330.4	336.6	342.7	350.1	357.4	359.6	361.9	357.4	352.9
50°	325.3	321.3	325.3	331.0	336.7	342.6	348.4	348.5	348.6	342.9	337.1
52.5°	322.6	319.0	322.6	327.7	332.8	337.6	342.4	341.1	339.9	333.1	326.3
55°	319.4	316.1	319.4	323.9	328.4	332.5	336.7	335.0	333.3	326.1	318.8
57.5°	313.4	310.0	313.4	317.9	322.3	326.5	330.7	329.0	327.3	320.0	312.7
60°	305.0	301.5	305.0	309.6	314.2	318.3	322.4	320.5	318.6	311.3	304.0
62.5°	292.1	287.8	292.1	296.9	301.7	305.4	309.1	307.3	305.5	298.8	292.1
65°	274.7	271.1	274.7	279.4	284.0	287.6	291.2	289.3	287.5	281.6	275.7
67.5°	255.5	252.2	255.5	259.8	264.2	267.4	270.7	268.9	267.1	262.0	256.9
70°	235.2	231.4	235.2	239.4	243.5	246.2	248.8	247.1	245.4	240.8	236.2
72.5°	212.4	208.8	212.4	216.4	220.3	222.6	224.8	222.7	220.6	216.1	211.6
75°	187.3	183.8	187.3	190.6	193.9	195.0	196.1	193.9	191.8	187.6	183.5
77.5°	158.5	155.7	158.5	161.8	165.2	166.7	168.3	166.2	164.2	159.9	155.6
80°	126.5	121.3	126.5	131.0	135.5	136.2	136.8	134.1	131.5	128.2	124.9
82.5°	93.9	90.6	93.9	97.8	101.6	101.9	102.2	97.6	93.0	86.0	79.0
85°	58.0	55.0	58.0	61.0	63.9	64.4	64.9	59.2	53.6	47.0	40.5
87.5°	23.9	22.4	23.9	25.4	26.9	27.6	28.1	25.8	23.5	20.8	18.0
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	580.5	584.1	587.6	591.2	595.3	599.3	603.9	608.4	614.0	619.0	624.2
5°	553.2	558.9	565.3	571.6	578.7	585.9	594.5	603.0	612.8	622.7	633.2
7.5°	536.5	543.6	551.5	559.5	568.9	578.4	589.7	601.1	613.7	627.3	641.9
10°	534.1	542.0	550.6	559.2	568.6	578.0	590.0	602.0	615.6	632.3	649.7
12.5°	549.5	557.7	564.4	571.1	577.3	583.6	593.4	603.2	615.9	633.4	653.0
15°	579.9	587.0	588.8	590.5	589.7	588.8	593.5	598.2	608.3	627.7	650.4
17.5°	612.0	617.7	612.3	606.8	596.5	586.3	584.6	582.8	589.1	611.9	639.2
20°	629.9	632.5	621.1	609.6	591.7	573.9	565.8	557.8	559.5	586.1	619.9
22.5°	625.4	623.8	608.9	594.0	573.6	553.2	541.3	529.4	526.2	556.5	597.2
25°	600.7	595.3	580.6	566.0	547.6	529.3	515.6	501.9	493.2	524.2	571.9
27.5°	564.0	557.9	546.1	534.4	519.3	504.3	491.1	477.9	467.2	495.5	548.8
30°	527.2	522.2	512.4	502.7	490.2	477.7	467.2	456.7	448.4	472.1	529.4
32.5°	494.7	489.2	479.9	470.5	460.5	450.6	444.4	438.1	434.4	453.6	512.7
35°	464.4	457.8	448.5	439.3	431.7	424.1	422.3	420.6	422.2	438.1	496.3
37.5°	436.1	427.9	418.7	409.4	404.0	398.5	400.4	402.3	407.9	421.8	477.0
40°	408.8	399.4	390.4	381.5	377.6	373.6	377.9	382.2	390.8	403.4	454.0
42.5°	383.0	372.9	364.4	356.0	352.7	349.5	355.2	360.8	371.7	383.3	428.6
45°	360.6	350.1	342.0	334.0	331.3	328.6	334.1	339.6	350.1	361.9	401.6
47.5°	342.6	332.2	324.3	316.5	314.0	311.4	316.0	320.7	329.7	344.9	380.3
50°	327.8	318.5	311.2	303.7	299.8	295.8	299.9	304.0	314.5	334.5	366.1
52.5°	317.6	308.9	302.2	295.4	289.4	283.5	287.5	291.5	306.2	329.2	356.8
55°	311.3	303.7	296.4	289.0	280.6	272.1	278.5	284.9	307.0	328.4	350.0
57.5°	305.2	297.7	289.1	280.5	271.4	262.3	271.6	281.0	307.9	326.7	342.0
60°	296.3	288.7	278.9	269.0	261.0	253.0	265.1	277.3	305.3	317.7	329.7
62.5°	283.9	275.8	264.3	252.8	247.7	242.6	257.8	272.9	298.9	300.4	308.4
65°	267.9	260.1	247.8	235.4	233.5	231.6	247.7	263.8	283.6	283.4	287.1
67.5°	249.6	242.2	230.8	219.4	220.0	220.6	234.0	247.4	258.6	259.1	257.0
70°	229.8	223.4	213.4	203.4	205.5	207.7	217.2	226.7	230.4	230.4	220.7
72.5°	205.9	200.1	192.2	184.4	187.5	190.6	197.1	203.6	203.6	201.3	187.5
75°	178.3	173.1	167.3	161.4	164.4	167.4	172.4	177.5	178.4	167.7	152.3
77.5°	151.1	146.6	141.9	137.1	140.1	143.2	147.2	151.2	151.7	134.1	119.1
80°	121.1	117.4	113.4	109.5	112.0	114.5	117.9	121.3	121.4	100.4	87.7
82.5°	80.4	81.7	82.0	82.3	84.1	85.9	87.6	89.2	88.2	70.3	61.0
85°	44.1	47.8	49.5	51.2	53.2	55.2	57.0	58.7	57.4	44.1	37.3
87.5°	20.9	23.6	23.7	23.8	24.2	24.5	25.2	26.0	24.3	18.8	15.9
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):

	330°	335°	340°	345°	350°	355°	360°
0°	614.8	614.8	614.8	614.8	614.8	614.8	614.8
2.5°	629.4	634.8	640.2	645.6	651.0	656.1	661.2
5°	643.7	654.9	666.2	677.3	688.5	699.7	710.9
7.5°	656.6	673.2	689.8	706.9	724.0	742.5	761.0
10°	667.0	687.2	707.4	730.0	752.5	775.9	799.3
12.5°	672.6	696.4	720.3	745.8	771.4	797.1	822.8
15°	673.1	700.6	728.0	755.7	783.5	810.3	837.0
17.5°	666.5	698.4	730.2	760.5	790.7	817.9	845.1
20°	653.7	692.3	730.9	764.2	797.4	825.7	853.9
22.5°	638.0	684.9	731.9	769.2	806.5	835.3	864.2
25°	619.6	677.6	735.6	778.2	820.9	849.1	877.4
27.5°	602.1	672.7	743.4	792.4	841.4	868.4	895.3
30°	586.8	670.4	754.0	810.7	867.4	893.4	919.5
32.5°	571.9	667.6	763.2	829.9	896.5	922.2	948.0
35°	554.6	662.3	770.0	851.7	933.3	958.0	982.7
37.5°	532.3	653.1	774.0	876.1	978.2	1009.6	1041.1
40°	504.6	640.6	776.5	907.1	1037.6	1083.5	1129.3
42.5°	473.9	627.6	781.3	947.6	1114.0	1180.2	1246.4
45°	441.4	615.5	789.7	1001.0	1212.3	1301.6	1390.9
47.5°	415.6	605.6	795.5	1057.9	1320.2	1445.9	1571.6
50°	397.7	594.7	791.7	1110.6	1429.5	1619.0	1808.4
52.5°	384.3	576.4	768.5	1144.9	1521.2	1800.8	2080.3
55°	371.5	546.0	720.5	1137.3	1554.1	1961.9	2369.8
57.5°	357.2	503.2	649.1	1084.2	1519.3	2076.2	2633.1
60°	341.7	447.5	553.4	985.3	1417.2	2104.7	2792.2
62.5°	316.3	381.0	445.6	851.6	1257.6	1984.5	2711.4
65°	290.9	321.1	351.2	715.2	1079.2	1814.4	2549.7
67.5°	254.9	263.5	272.1	581.6	891.1	1612.0	2333.0
70°	211.0	208.5	206.1	457.9	709.8	1391.2	2072.7
72.5°	173.8	166.3	159.0	350.1	541.2	1151.8	1762.4
75°	136.8	130.1	123.4	254.1	384.7	877.4	1370.0
77.5°	104.2	99.6	95.0	172.2	249.3	614.1	978.8
80°	75.0	73.1	71.2	110.9	150.6	395.6	640.6
82.5°	51.6	51.2	50.9	68.2	85.6	229.0	372.4
85°	30.4	30.6	30.8	36.5	42.2	103.0	163.8
87.5°	13.2	13.3	13.5	15.1	16.8	33.7	50.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)