Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P945724

Luminaire Tested: **GALN-SB1C-830-U-SLR**

Issue Date: 1/21/2025

Report Generated By 670246001

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-08
Report Number:	P945724
	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-SB1C-830-U-SLR
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6707 lumens
Efficiency:	N/A
Efficacy:	123.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3
Input Watts (W):	54.4
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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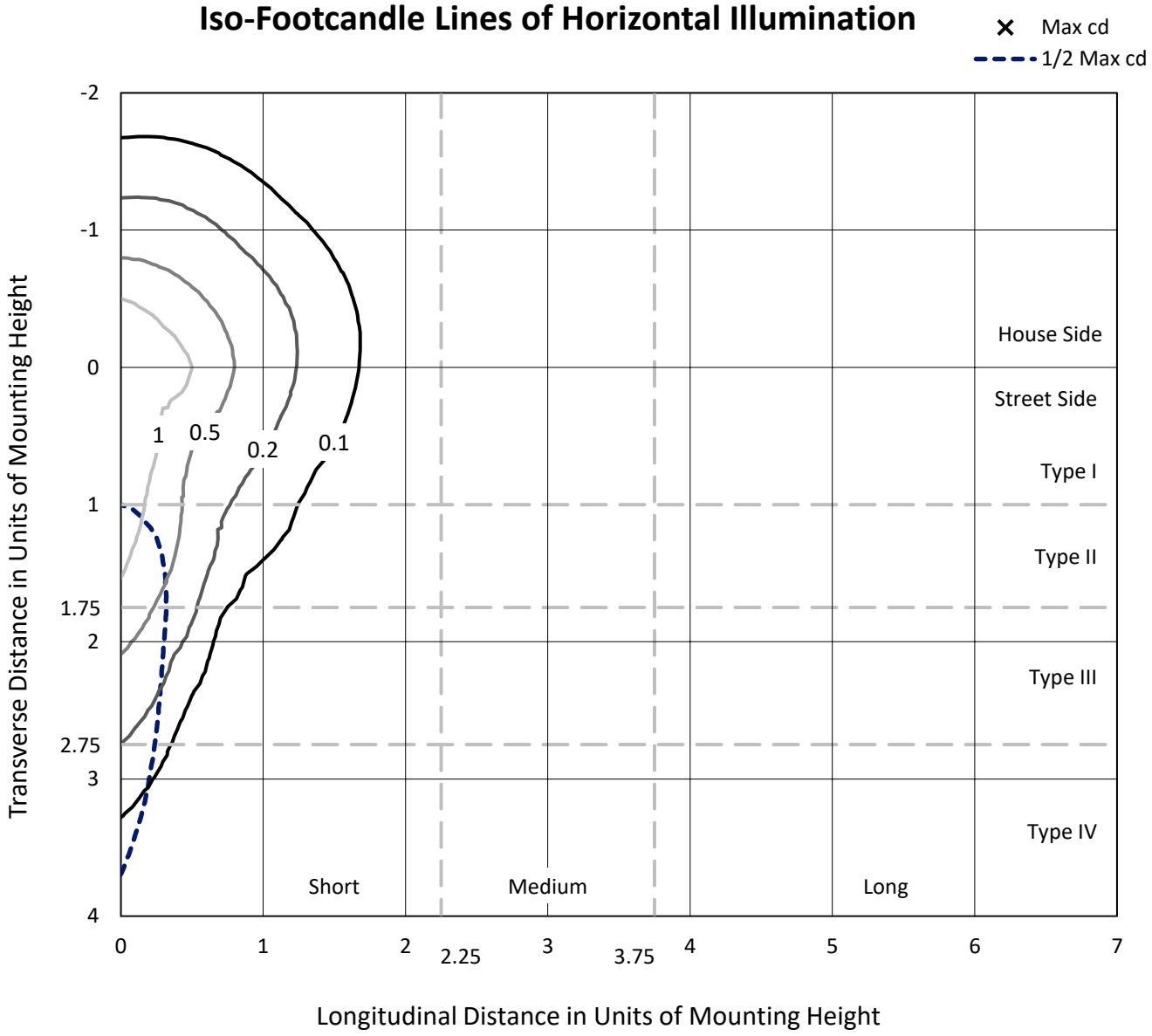
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc
Type IV - Short - N/A

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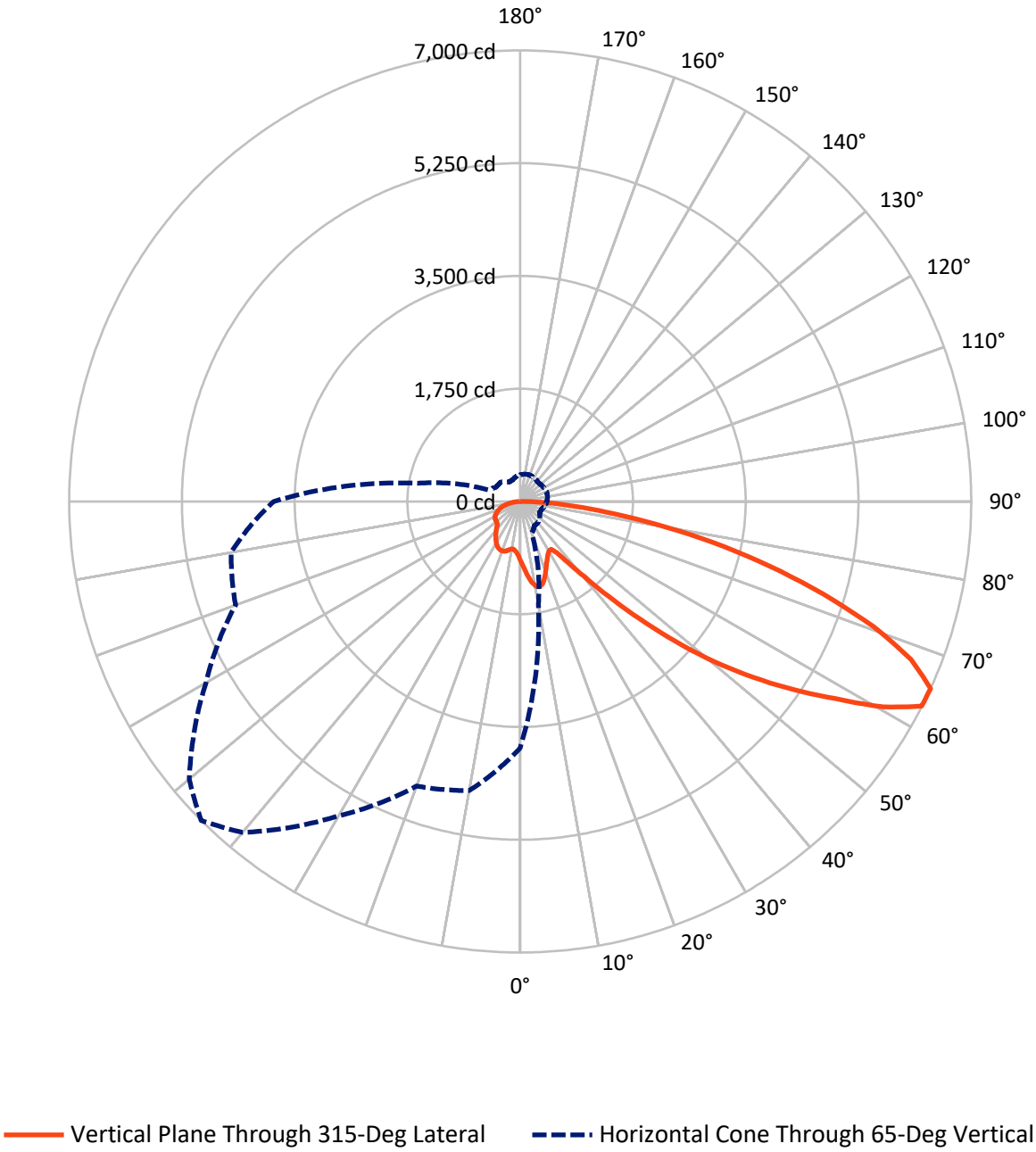
Luminous Intensity Polar Plot



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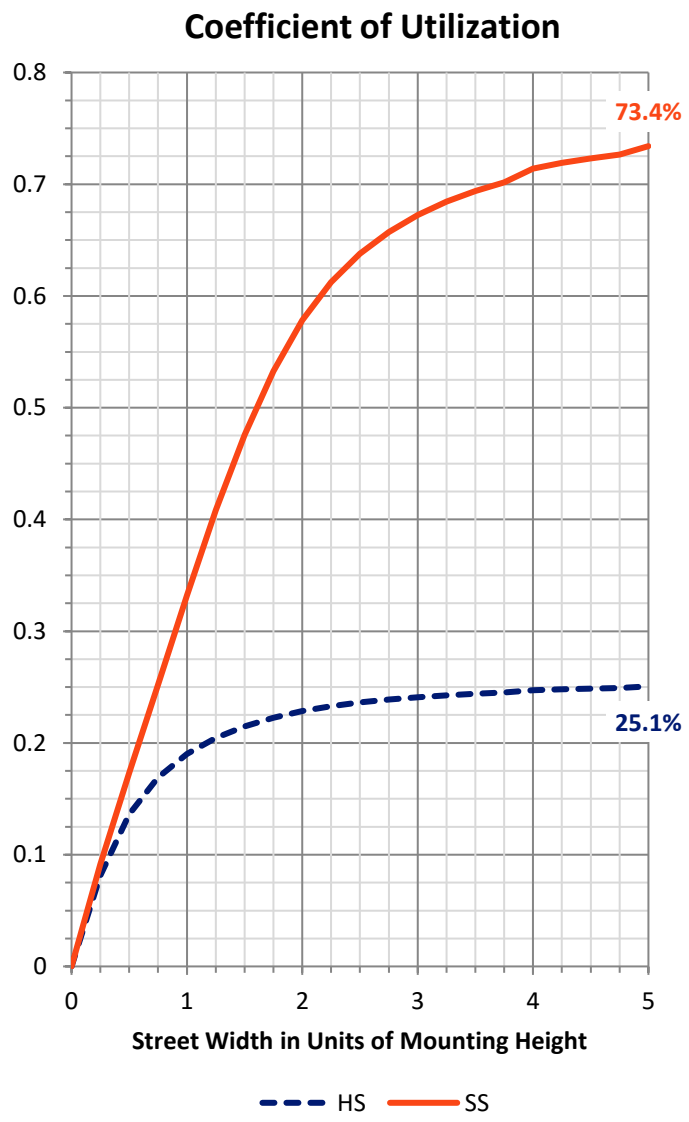
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1704.6	0.0	1704.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5002.4	0.0	5002.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	6707.0	0.0	6707.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	1.4
10°-20°	287.2	4.3
20°-30°	443.6	6.6
30°-40°	562.2	8.4
40°-50°	847.9	12.6
50°-60°	1369.9	20.4
60°-70°	1707.8	25.5
70°-80°	1119.9	16.7
80°-90°	276.9	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°	6707.0	100.0
0°-180°	6707.0	100.0



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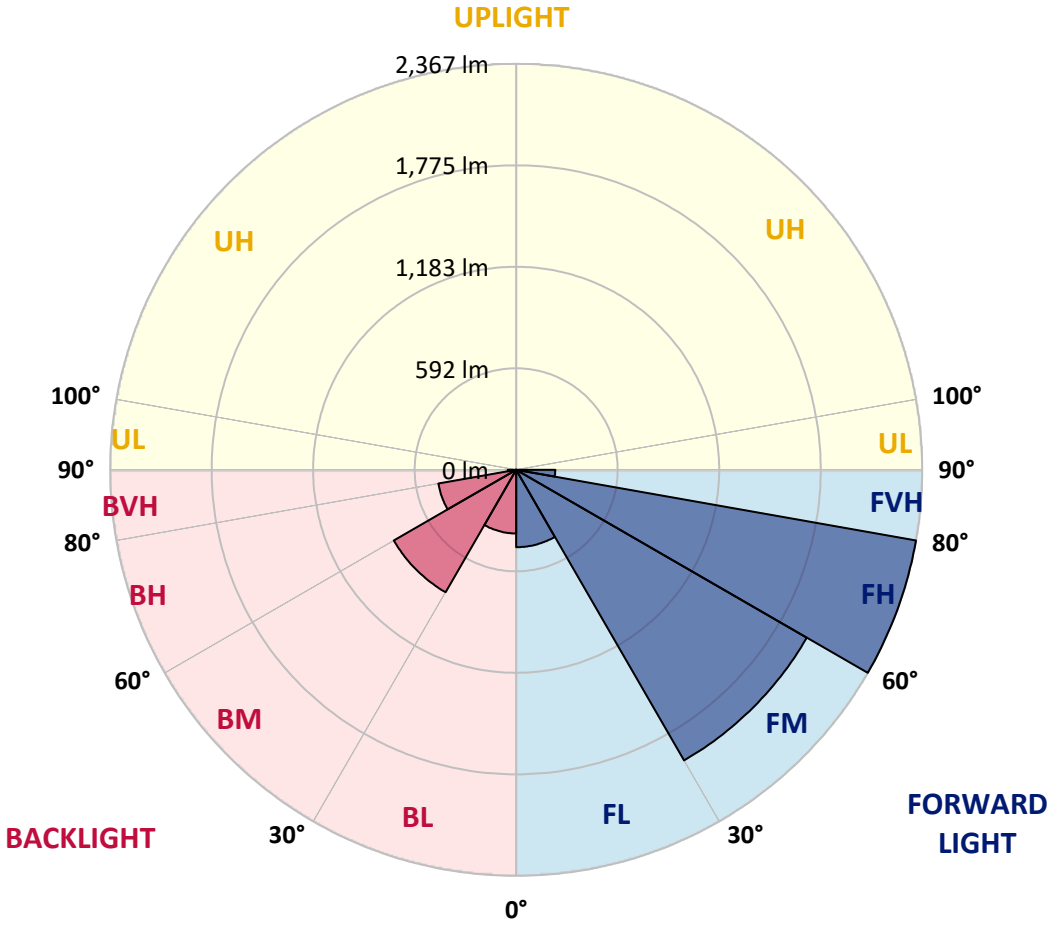
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	451.1	6.7			
FM	(30°-60°)	1956.3	29.2			
FH	(60°-80°)	2366.9	35.3			G2/5000
FVH	(80°-90°)	228.1	3.4			G3/500
BL	(0°-30°)	371.2	5.5	B1/500		
BM	(30°-60°)	823.8	12.3	B1/1000		
BH	(60°-80°)	460.8	6.9	B1/500		G1/500
BVH	(80°-90°)	48.8	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
2.5°	991.8	984.2	976.6	968.5	960.4	952.3	944.1	936.4	928.6	921.0
5°	1066.5	1049.7	1032.9	1016.1	999.4	982.5	965.6	949.9	934.1	919.3
7.5°	1141.5	1113.8	1086.1	1060.4	1034.8	1009.9	984.9	962.9	941.0	920.7
10°	1199.0	1164.0	1128.9	1095.0	1061.2	1030.9	1000.6	974.6	948.5	923.5
12.5°	1234.2	1195.7	1157.2	1118.8	1080.5	1044.7	1009.0	979.6	950.2	923.9
15°	1255.6	1215.5	1175.3	1133.7	1092.1	1050.9	1009.8	975.7	941.7	912.5
17.5°	1267.7	1226.9	1186.2	1140.8	1095.4	1047.6	999.8	958.9	918.0	883.7
20°	1281.0	1238.6	1196.3	1146.4	1096.5	1038.6	980.7	929.9	879.2	839.3
22.5°	1296.3	1253.1	1209.8	1153.9	1097.9	1027.5	957.0	895.9	834.8	789.4
25°	1316.2	1273.8	1231.4	1167.5	1103.5	1016.5	929.5	857.9	786.4	739.8
27.5°	1343.1	1302.6	1262.2	1188.7	1115.1	1009.2	903.2	823.2	743.3	700.9
30°	1379.3	1340.3	1301.2	1216.2	1131.1	1005.7	880.2	794.2	708.2	672.6
32.5°	1422.2	1383.5	1344.8	1244.9	1144.9	1001.5	857.9	769.2	680.4	651.7
35°	1474.2	1437.2	1400.1	1277.6	1155.1	993.5	832.0	744.6	657.2	633.3
37.5°	1561.8	1514.6	1467.4	1314.2	1161.1	979.8	798.5	715.6	632.8	611.9
40°	1694.1	1625.3	1556.5	1360.7	1164.9	960.9	757.0	681.1	605.2	586.2
42.5°	1869.7	1770.4	1671.1	1421.6	1172.1	941.5	710.9	643.0	575.0	557.6
45°	2086.4	1952.5	1818.5	1501.6	1184.7	923.4	662.1	602.5	542.9	525.2
47.5°	2357.5	2169.0	1980.4	1586.9	1193.4	908.4	623.5	570.5	517.4	494.6
50°	2712.8	2428.6	2144.4	1666.0	1187.7	892.2	596.6	549.2	501.8	471.8
52.5°	3120.7	2701.3	2282.0	1717.4	1152.8	864.7	576.5	535.2	493.9	459.4
55°	3555.0	2943.1	2331.3	1706.1	1080.8	819.1	557.3	525.0	492.7	460.6
57.5°	3949.9	3114.5	2279.1	1626.4	973.8	754.8	535.8	513.0	490.2	461.8
60°	4188.6	3157.3	2126.0	1478.1	830.2	671.4	512.5	494.6	476.6	458.0
62.5°	4067.4	2977.0	1886.6	1277.5	668.5	571.5	474.5	462.6	450.7	448.4
65°	*3824.8*	*2721.9*	*1618.9*	*1072.9*	*526.9*	*481.6*	*436.4*	*430.7*	*425.1*	*425.4*
67.5°	3499.7	2418.3	1336.8	872.4	408.1	395.3	382.4	385.5	388.7	387.9
70°	3109.2	2087.0	1064.7	686.9	309.1	312.8	316.5	331.0	345.6	345.6
72.5°	2643.8	1727.8	811.9	525.2	238.5	249.5	260.6	281.3	301.9	305.4
75°	2055.1	1316.1	577.1	381.2	185.2	195.2	205.3	228.4	251.6	267.6
77.5°	1468.3	921.2	374.0	258.3	142.6	149.4	156.2	178.7	201.2	227.6
80°	961.0	593.5	226.0	166.4	106.9	109.7	112.5	131.6	150.6	182.1
82.5°	558.6	343.5	128.4	102.3	76.4	76.9	77.4	91.4	105.5	132.4
85°	245.8	154.5	63.3	54.7	46.2	45.9	45.7	55.9	66.2	86.2
87.5°	76.1	50.6	25.1	22.7	20.2	20.0	19.7	23.9	28.1	36.5
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
912.6	2.5°	905.8	899.1	893.0	886.9	881.5	876.2	870.8	865.5	861.3	857.2
904.6	5°	891.8	878.9	868.2	857.4	848.0	838.5	829.9	821.2	814.6	808.0
901.7	7.5°	884.6	867.6	853.4	839.3	827.4	815.4	804.8	794.3	786.4	778.6
903.1	10°	885.1	867.1	853.0	838.8	826.0	813.1	801.2	789.4	780.0	770.5
904.9	12.5°	890.1	875.5	866.1	856.7	846.6	836.6	824.3	812.0	800.0	788.0
897.3	15°	890.3	883.3	884.5	885.8	883.2	880.6	869.9	859.3	842.1	825.0
874.3	17.5°	876.9	879.4	894.9	910.3	918.5	926.7	918.1	909.5	886.8	864.2
836.8	20°	848.8	860.9	887.7	914.5	931.6	948.8	944.8	940.9	914.9	889.0
794.2	22.5°	812.0	829.8	860.4	891.1	913.4	935.7	938.1	940.5	915.7	890.9
752.9	25°	773.5	794.0	821.5	849.0	871.0	893.0	901.2	909.4	889.0	868.8
716.8	27.5°	736.6	756.5	779.1	801.7	819.3	836.9	846.0	855.2	840.7	826.3
685.1	30°	700.8	716.6	735.3	754.1	768.7	783.4	790.8	798.2	787.2	776.2
657.3	32.5°	666.6	675.9	690.9	705.9	719.9	733.9	742.2	750.5	740.3	730.2
631.0	35°	633.6	636.1	647.6	659.0	672.8	686.7	696.7	706.6	699.3	692.2
603.5	37.5°	600.6	597.8	606.0	614.2	628.0	641.9	654.2	666.4	663.1	659.7
573.3	40°	566.9	560.5	566.4	572.3	585.7	599.1	613.2	627.3	628.1	628.9
541.3	42.5°	532.8	524.3	529.1	534.0	546.6	559.3	574.6	589.8	593.8	597.9
509.4	45°	501.2	492.9	497.0	501.1	513.1	525.1	540.9	556.7	562.5	568.4
481.0	47.5°	474.1	467.2	471.0	474.8	486.5	498.3	513.9	529.4	536.2	542.9
456.0	50°	449.8	443.7	449.7	455.6	466.8	477.8	491.8	505.7	514.4	523.0
437.4	52.5°	431.3	425.2	434.2	443.1	453.3	463.4	476.4	489.4	499.7	509.9
427.4	55°	417.8	408.2	420.9	433.6	444.6	455.5	466.9	478.3	489.1	500.0
421.5	57.5°	407.5	393.5	407.1	420.8	433.7	446.6	457.8	469.1	480.0	490.9
415.9	60°	397.8	379.6	391.6	403.5	418.3	433.1	444.5	456.0	467.0	477.9
409.4	62.5°	386.7	364.0	371.6	379.2	396.4	413.7	425.9	438.1	448.2	458.2
395.7	65°	*371.5*	*347.4*	*350.3*	*353.2*	*371.7*	*390.2*	*401.9*	*413.5*	*422.4*	*431.2*
371.2	67.5°	351.1	331.0	330.0	329.1	346.2	363.3	374.4	385.4	393.0	400.7
340.1	70°	325.8	311.5	308.3	305.1	320.1	335.1	344.7	354.3	361.2	368.1
305.5	72.5°	295.7	285.9	281.2	276.6	288.4	300.2	308.8	317.5	324.2	331.0
266.2	75°	258.7	251.1	246.6	242.1	250.9	259.7	267.5	275.3	281.5	287.7
226.9	77.5°	220.8	214.7	210.2	205.7	212.8	220.0	226.7	233.4	239.9	246.3
182.0	80°	176.9	171.8	168.0	164.2	170.2	176.1	181.7	187.4	192.3	197.2
133.8	82.5°	131.4	128.9	126.2	123.5	123.0	122.5	120.5	118.6	129.0	139.5
88.1	85°	85.5	82.8	79.8	76.8	74.2	71.7	66.2	60.7	70.5	80.3
38.9	87.5°	37.9	36.8	36.2	35.7	35.6	35.5	31.3	27.1	31.2	35.3
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
853.8	2.5°	850.4	847.8	845.2	842.8	840.3	837.3	840.3	842.8	845.2	847.8
803.3	5°	798.7	795.4	792.1	789.6	787.1	784.6	787.1	789.6	792.1	795.4
773.1	7.5°	767.5	763.8	760.0	757.7	755.5	753.8	755.5	757.7	760.0	763.8
764.4	10°	758.1	754.6	751.0	749.1	747.2	746.4	747.2	749.1	751.0	754.6
780.0	12.5°	772.0	768.0	764.1	762.4	760.8	760.5	760.8	762.4	764.1	768.0
812.9	15°	800.8	795.3	789.7	787.6	785.5	785.3	785.5	787.6	789.7	795.3
846.3	17.5°	828.5	820.3	812.0	809.3	806.6	806.2	806.6	809.3	812.0	820.3
867.1	20°	845.3	834.8	824.2	820.9	817.5	816.5	817.5	820.9	824.2	834.8
868.4	22.5°	845.9	834.8	823.7	820.0	816.3	814.7	816.3	820.0	823.7	834.8
848.7	25°	828.8	819.1	809.6	806.0	802.6	800.5	802.6	806.0	809.6	819.1
810.8	27.5°	795.2	788.8	782.3	780.7	779.1	778.6	779.1	780.7	782.3	788.8
765.1	30°	753.9	750.6	747.3	747.3	747.3	747.8	747.3	747.3	747.3	750.6
721.3	32.5°	712.4	710.2	708.1	708.4	708.7	709.2	708.7	708.4	708.1	710.2
684.0	35°	675.8	672.5	669.2	668.5	667.8	667.5	667.8	668.5	669.2	672.5
652.2	37.5°	644.6	638.7	632.7	629.6	626.4	624.6	626.4	629.6	632.7	638.7
622.5	40°	616.1	607.4	598.7	592.9	587.1	583.6	587.1	592.9	598.7	607.4
592.5	42.5°	587.1	576.3	565.5	557.0	548.5	542.9	548.5	557.0	565.5	576.3
563.5	45°	558.6	546.3	534.0	524.0	513.9	507.5	513.9	524.0	534.0	546.3
539.5	47.5°	536.1	525.1	514.1	504.9	495.6	489.4	495.6	504.9	514.1	525.1
522.8	50°	522.6	513.9	505.1	496.5	488.0	482.0	488.0	496.5	505.1	513.9
511.7	52.5°	513.6	506.4	499.3	491.6	484.0	478.5	484.0	491.6	499.3	506.4
502.5	55°	505.1	498.9	492.6	485.9	479.2	474.2	479.2	485.9	492.6	498.9
493.5	57.5°	496.1	489.8	483.5	476.8	470.2	465.0	470.2	476.8	483.5	489.8
480.8	60°	483.6	477.5	471.3	464.5	457.6	452.3	457.6	464.5	471.3	477.5
461.0	62.5°	463.7	458.1	452.6	445.4	438.1	431.8	438.1	445.4	452.6	458.1
434.0	65°	*436.8*	*431.4*	*426.1*	*419.1*	*412.1*	*406.6*	*412.1*	*419.1*	*426.1*	*431.4*
403.4	67.5°	406.1	401.2	396.3	389.8	383.3	378.3	383.3	389.8	396.3	401.2
370.7	70°	373.3	369.3	365.3	359.1	352.8	347.2	352.8	359.1	365.3	369.3
334.1	72.5°	337.2	333.9	330.5	324.6	318.7	313.2	318.7	324.6	330.5	333.9
290.9	75°	294.2	292.5	290.9	285.9	280.9	275.7	280.9	285.9	290.9	292.5
249.4	77.5°	252.4	250.1	247.8	242.8	237.8	233.6	237.8	242.8	247.8	250.1
201.2	80°	205.3	204.3	203.3	196.6	189.8	181.9	189.8	196.6	203.3	204.3
146.4	82.5°	153.2	152.8	152.4	146.7	140.9	135.9	140.9	146.7	152.4	152.8
88.8	85°	97.3	96.6	95.9	91.4	87.0	82.5	87.0	91.4	95.9	96.6
38.8	87.5°	42.2	41.3	40.4	38.2	35.8	33.6	35.8	38.2	40.4	41.3
0.0	90°	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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
850.4	2.5°	853.8	857.2	861.3	865.5	870.8	876.2	881.5	886.9	893.0	899.1
798.7	5°	803.3	808.0	814.6	821.2	829.9	838.5	848.0	857.4	868.2	878.9
767.5	7.5°	773.1	778.6	786.4	794.3	804.8	815.4	827.4	839.3	853.4	867.6
758.1	10°	764.4	770.5	780.0	789.4	801.2	813.1	826.0	838.8	853.0	867.1
772.0	12.5°	780.0	788.0	800.0	812.0	824.3	836.6	846.6	856.7	866.1	875.5
800.8	15°	812.9	825.0	842.1	859.3	869.9	880.6	883.2	885.8	884.5	883.3
828.5	17.5°	846.3	864.2	886.8	909.5	918.1	926.7	918.5	910.3	894.9	879.4
845.3	20°	867.1	889.0	914.9	940.9	944.8	948.8	931.6	914.5	887.7	860.9
845.9	22.5°	868.4	890.9	915.7	940.5	938.1	935.7	913.4	891.1	860.4	829.8
828.8	25°	848.7	868.8	889.0	909.4	901.2	893.0	871.0	849.0	821.5	794.0
795.2	27.5°	810.8	826.3	840.7	855.2	846.0	836.9	819.3	801.7	779.1	756.5
753.9	30°	765.1	776.2	787.2	798.2	790.8	783.4	768.7	754.1	735.3	716.6
712.4	32.5°	721.3	730.2	740.3	750.5	742.2	733.9	719.9	705.9	690.9	675.9
675.8	35°	684.0	692.2	699.3	706.6	696.7	686.7	672.8	659.0	647.6	636.1
644.6	37.5°	652.2	659.7	663.1	666.4	654.2	641.9	628.0	614.2	606.0	597.8
616.1	40°	622.5	628.9	628.1	627.3	613.2	599.1	585.7	572.3	566.4	560.5
587.1	42.5°	592.5	597.9	593.8	589.8	574.6	559.3	546.6	534.0	529.1	524.3
558.6	45°	563.5	568.4	562.5	556.7	540.9	525.1	513.1	501.1	497.0	492.9
536.1	47.5°	539.5	542.9	536.2	529.4	513.9	498.3	486.5	474.8	471.0	467.2
522.6	50°	522.8	523.0	514.4	505.7	491.8	477.8	466.8	455.6	449.7	443.7
513.6	52.5°	511.7	509.9	499.7	489.4	476.4	463.4	453.3	443.1	434.2	425.2
505.1	55°	502.5	500.0	489.1	478.3	466.9	455.5	444.6	433.6	420.9	408.2
496.1	57.5°	493.5	490.9	480.0	469.1	457.8	446.6	433.7	420.8	407.1	393.5
483.6	60°	480.8	477.9	467.0	456.0	444.5	433.1	418.3	403.5	391.6	379.6
463.7	62.5°	461.0	458.2	448.2	438.1	425.9	413.7	396.4	379.2	371.6	364.0
436.8	65°	*434.0*	*431.2*	*422.4*	*413.5*	*401.9*	*390.2*	*371.7*	*353.2*	*350.3*	*347.4*
406.1	67.5°	403.4	400.7	393.0	385.4	374.4	363.3	346.2	329.1	330.0	331.0
373.3	70°	370.7	368.1	361.2	354.3	344.7	335.1	320.1	305.1	308.3	311.5
337.2	72.5°	334.1	331.0	324.2	317.5	308.8	300.2	288.4	276.6	281.2	285.9
294.2	75°	290.9	287.7	281.5	275.3	267.5	259.7	250.9	242.1	246.6	251.1
252.4	77.5°	249.4	246.3	239.9	233.4	226.7	220.0	212.8	205.7	210.2	214.7
205.3	80°	201.2	197.2	192.3	187.4	181.7	176.1	170.2	164.2	168.0	171.8
153.2	82.5°	146.4	139.5	129.0	118.6	120.5	122.5	123.0	123.5	126.2	128.9
97.3	85°	88.8	80.3	70.5	60.7	66.2	71.7	74.2	76.8	79.8	82.8
42.2	87.5°	38.8	35.3	31.2	27.1	31.3	35.5	35.6	35.7	36.2	36.8
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
905.8	2.5°	912.6	921.0	928.6	936.4	944.1	952.3	960.4	968.5	976.6	984.2
891.8	5°	904.6	919.3	934.1	949.9	965.6	982.5	999.4	1016.1	1032.9	1049.7
884.6	7.5°	901.7	920.7	941.0	962.9	984.9	1009.9	1034.8	1060.4	1086.1	1113.8
885.1	10°	903.1	923.5	948.5	974.6	1000.6	1030.9	1061.2	1095.0	1128.9	1164.0
890.1	12.5°	904.9	923.9	950.2	979.6	1009.0	1044.7	1080.5	1118.8	1157.2	1195.7
890.3	15°	897.3	912.5	941.7	975.7	1009.8	1050.9	1092.1	1133.7	1175.3	1215.5
876.9	17.5°	874.3	883.7	918.0	958.9	999.8	1047.6	1095.4	1140.8	1186.2	1226.9
848.8	20°	836.8	839.3	879.2	929.9	980.7	1038.6	1096.5	1146.4	1196.3	1238.6
812.0	22.5°	794.2	789.4	834.8	895.9	957.0	1027.5	1097.9	1153.9	1209.8	1253.1
773.5	25°	752.9	739.8	786.4	857.9	929.5	1016.5	1103.5	1167.5	1231.4	1273.8
736.6	27.5°	716.8	700.9	743.3	823.2	903.2	1009.2	1115.1	1188.7	1262.2	1302.6
700.8	30°	685.1	672.6	708.2	794.2	880.2	1005.7	1131.1	1216.2	1301.2	1340.3
666.6	32.5°	657.3	651.7	680.4	769.2	857.9	1001.5	1144.9	1244.9	1344.8	1383.5
633.6	35°	631.0	633.3	657.2	744.6	832.0	993.5	1155.1	1277.6	1400.1	1437.2
600.6	37.5°	603.5	611.9	632.8	715.6	798.5	979.8	1161.1	1314.2	1467.4	1514.6
566.9	40°	573.3	586.2	605.2	681.1	757.0	960.9	1164.9	1360.7	1556.5	1625.3
532.8	42.5°	541.3	557.6	575.0	643.0	710.9	941.5	1172.1	1421.6	1671.1	1770.4
501.2	45°	509.4	525.2	542.9	602.5	662.1	923.4	1184.7	1501.6	1818.5	1952.5
474.1	47.5°	481.0	494.6	517.4	570.5	623.5	908.4	1193.4	1586.9	1980.4	2169.0
449.8	50°	456.0	471.8	501.8	549.2	596.6	892.2	1187.7	1666.0	2144.4	2428.6
431.3	52.5°	437.4	459.4	493.9	535.2	576.5	864.7	1152.8	1717.4	2282.0	2701.3
417.8	55°	427.4	460.6	492.7	525.0	557.3	819.1	1080.8	1706.1	2331.3	2943.1
407.5	57.5°	421.5	461.8	490.2	513.0	535.8	754.8	973.8	1626.4	2279.1	3114.5
397.8	60°	415.9	458.0	476.6	494.6	512.5	671.4	830.2	1478.1	2126.0	3157.3
386.7	62.5°	409.4	448.4	450.7	462.6	474.5	571.5	668.5	1277.5	1886.6	2977.0
371.5	65°	*395.7*	*425.4*	*425.1*	*430.7*	*436.4*	*481.6*	*526.9*	*1072.9*	*1618.9*	*2721.9*
351.1	67.5°	371.2	387.9	388.7	385.5	382.4	395.3	408.1	872.4	1336.8	2418.3
325.8	70°	340.1	345.6	345.6	331.0	316.5	312.8	309.1	686.9	1064.7	2087.0
295.7	72.5°	305.5	305.4	301.9	281.3	260.6	249.5	238.5	525.2	811.9	1727.8
258.7	75°	266.2	267.6	251.6	228.4	205.3	195.2	185.2	381.2	577.1	1316.1
220.8	77.5°	226.9	227.6	201.2	178.7	156.2	149.4	142.6	258.3	374.0	921.2
176.9	80°	182.0	182.1	150.6	131.6	112.5	109.7	106.9	166.4	226.0	593.5
131.4	82.5°	133.8	132.4	105.5	91.4	77.4	76.9	76.4	102.3	128.4	343.5
85.5	85°	88.1	86.2	66.2	55.9	45.7	45.9	46.2	54.7	63.3	154.5
37.9	87.5°	38.9	36.5	28.1	23.9	19.7	20.0	20.2	22.7	25.1	50.6
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	*922.3*	922.3
991.8	2.5°	995.6	999.4	1004.7	1010.0	1013.2	1016.4	1018.0	1019.6	*1018.9*	1019.6
1066.5	5°	1079.6	1092.8	1105.8	1118.9	1125.9	1133.0	1137.3	1141.6	*1144.9*	1141.6
1141.5	7.5°	1162.9	1184.2	1203.4	1222.7	1234.2	1245.8	1252.1	1258.3	*1261.3*	1258.3
1199.0	10°	1224.3	1249.6	1272.1	1294.6	1308.3	1321.9	1328.0	1334.0	*1336.3*	1334.0
1234.2	12.5°	1261.6	1289.0	1309.4	1329.7	1339.6	1349.5	1352.8	1356.2	*1356.5*	1356.2
1255.6	15°	1279.3	1302.9	1315.7	1328.5	1328.8	1329.2	1325.6	1322.1	*1317.9*	1322.1
1267.7	17.5°	1283.6	1299.6	1299.8	1300.1	1285.7	1271.4	1258.3	1245.1	*1235.8*	1245.1
1281.0	20°	1286.5	1292.1	1275.3	1258.5	1226.8	1195.2	1172.2	1149.1	*1135.0*	1149.1
1296.3	22.5°	1289.1	1281.8	1246.9	1212.1	1165.6	1119.0	1090.2	1061.4	*1045.8*	1061.4
1316.2	25°	1293.2	1270.2	1217.3	1164.4	1107.9	1051.4	1021.1	990.9	*976.1*	990.9
1343.1	27.5°	1301.9	1260.8	1190.7	1120.7	1058.1	995.5	965.7	935.9	*921.9*	935.9
1379.3	30°	1318.0	1256.7	1170.5	1084.3	1019.0	953.8	926.1	898.5	*885.5*	898.5
1422.2	32.5°	1338.2	1254.2	1156.7	1059.2	997.8	936.5	914.8	893.1	*883.7*	893.1
1474.2	35°	1371.4	1268.7	1167.0	1065.4	1022.8	980.2	975.2	970.1	*969.3*	970.1
1561.8	37.5°	1440.9	1320.0	1227.6	1135.2	1132.5	1129.7	1152.9	1176.0	*1188.1*	1176.0
1694.1	40°	1562.7	1431.2	1362.5	1293.8	1342.3	1390.8	1447.0	1503.3	*1531.3*	1503.3
1869.7	42.5°	1739.2	1608.8	1569.2	1529.6	1635.4	1741.1	1843.5	1945.8	*2005.9*	1945.8
2086.4	45°	1969.3	1852.0	1834.6	1817.1	1986.5	2156.0	2324.1	2492.4	*2594.5*	2492.4
2357.5	47.5°	2243.5	2129.5	2126.0	2122.4	2366.8	2611.2	2857.4	3103.5	*3248.1*	3103.5
2712.8	50°	2572.0	2431.2	2431.8	2432.4	2747.4	3062.4	3387.4	3712.4	*3908.9*	3712.4
3120.7	52.5°	2950.2	2779.7	2762.5	2745.2	3121.5	3497.7	3899.8	4301.9	*4537.4*	4301.9
3555.0	55°	3386.5	3218.0	3150.8	3083.6	3502.4	3921.1	4400.4	4879.8	*5159.9*	4879.8
3949.9	57.5°	3858.2	3766.4	3631.6	3496.8	3919.6	4342.5	4885.4	5428.3	*5775.7*	5428.3
4188.6	60°	4331.1	4473.6	4306.2	4138.8	4538.9	4939.1	5520.4	6101.7	*6477.1*	6101.7
4067.4	62.5°	4456.7	4846.1	4827.2	4808.3	5174.8	5541.4	6094.5	6647.5	*6994.5*	6647.5
3824.8	65°	*4190.2*	*4555.6*	*4627.9*	*4700.2*	*5166.0*	*5631.8*	*6168.1*	*6704.4*	*6999.8*	*6704.4*
3499.7	67.5°	3847.3	4194.8	4228.7	4262.6	4747.9	5233.2	5771.8	6310.4	*6541.9*	6310.4
3109.2	70°	3487.2	3865.3	3880.4	3895.6	4329.6	4763.6	5227.1	5690.6	*5819.2*	5690.6
2643.8	72.5°	3077.6	3511.4	3522.3	3533.2	3872.8	4212.3	4559.5	4906.6	*4919.6*	4906.6
2055.1	75°	2504.1	2953.0	2993.3	3033.7	3297.8	3562.0	3806.4	4050.8	*3985.3*	4050.8
1468.3	77.5°	1887.4	2306.6	2364.2	2421.9	2622.8	2823.6	2996.9	3170.3	*3057.7*	3170.3
961.0	80°	1313.6	1666.2	1737.9	1809.6	1961.3	2112.9	2203.9	2294.9	*2113.9*	2294.9
558.6	82.5°	799.7	1040.8	1120.8	1201.0	1305.4	1409.8	1447.7	1485.7	*1343.4*	1485.7
245.8	85°	373.7	501.7	569.8	637.9	723.7	809.4	831.0	852.6	*738.6*	852.6
76.1	87.5°	119.1	162.1	200.1	238.1	281.0	323.9	325.7	327.5	*275.0*	327.5
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3
1018.0	2.5°	1016.4	1013.2	1010.0	1004.7	999.4	995.6	991.8
1137.3	5°	1133.0	1125.9	1118.9	1105.8	1092.8	1079.6	1066.5
1252.1	7.5°	1245.8	1234.2	1222.7	1203.4	1184.2	1162.9	1141.5
1328.0	10°	1321.9	1308.3	1294.6	1272.1	1249.6	1224.3	1199.0
1352.8	12.5°	1349.5	1339.6	1329.7	1309.4	1289.0	1261.6	1234.2
1325.6	15°	1329.2	1328.8	1328.5	1315.7	1302.9	1279.3	1255.6
1258.3	17.5°	1271.4	1285.7	1300.1	1299.8	1299.6	1283.6	1267.7
1172.2	20°	1195.2	1226.8	1258.5	1275.3	1292.1	1286.5	1281.0
1090.2	22.5°	1119.0	1165.6	1212.1	1246.9	1281.8	1289.1	1296.3
1021.1	25°	1051.4	1107.9	1164.4	1217.3	1270.2	1293.2	1316.2
965.7	27.5°	995.5	1058.1	1120.7	1190.7	1260.8	1301.9	1343.1
926.1	30°	953.8	1019.0	1084.3	1170.5	1256.7	1318.0	1379.3
914.8	32.5°	936.5	997.8	1059.2	1156.7	1254.2	1338.2	1422.2
975.2	35°	980.2	1022.8	1065.4	1167.0	1268.7	1371.4	1474.2
1152.9	37.5°	1129.7	1132.5	1135.2	1227.6	1320.0	1440.9	1561.8
1447.0	40°	1390.8	1342.3	1293.8	1362.5	1431.2	1562.7	1694.1
1843.5	42.5°	1741.1	1635.4	1529.6	1569.2	1608.8	1739.2	1869.7
2324.1	45°	2156.0	1986.5	1817.1	1834.6	1852.0	1969.3	2086.4
2857.4	47.5°	2611.2	2366.8	2122.4	2126.0	2129.5	2243.5	2357.5
3387.4	50°	3062.4	2747.4	2432.4	2431.8	2431.2	2572.0	2712.8
3899.8	52.5°	3497.7	3121.5	2745.2	2762.5	2779.7	2950.2	3120.7
4400.4	55°	3921.1	3502.4	3083.6	3150.8	3218.0	3386.5	3555.0
4885.4	57.5°	4342.5	3919.6	3496.8	3631.6	3766.4	3858.2	3949.9
5520.4	60°	4939.1	4538.9	4138.8	4306.2	4473.6	4331.1	4188.6
6094.5	62.5°	5541.4	5174.8	4808.3	4827.2	4846.1	4456.7	4067.4
6168.1	65°	*5631.8*	*5166.0*	*4700.2*	*4627.9*	*4555.6*	*4190.2*	*3824.8*
5771.8	67.5°	5233.2	4747.9	4262.6	4228.7	4194.8	3847.3	3499.7
5227.1	70°	4763.6	4329.6	3895.6	3880.4	3865.3	3487.2	3109.2
4559.5	72.5°	4212.3	3872.8	3533.2	3522.3	3511.4	3077.6	2643.8
3806.4	75°	3562.0	3297.8	3033.7	2993.3	2953.0	2504.1	2055.1
2996.9	77.5°	2823.6	2622.8	2421.9	2364.2	2306.6	1887.4	1468.3
2203.9	80°	2112.9	1961.3	1809.6	1737.9	1666.2	1313.6	961.0
1447.7	82.5°	1409.8	1305.4	1201.0	1120.8	1040.8	799.7	558.6
831.0	85°	809.4	723.7	637.9	569.8	501.7	373.7	245.8
325.7	87.5°	323.9	281.0	238.1	200.1	162.1	119.1	76.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)