

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: EPHESUS

Report Number: P1305616 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

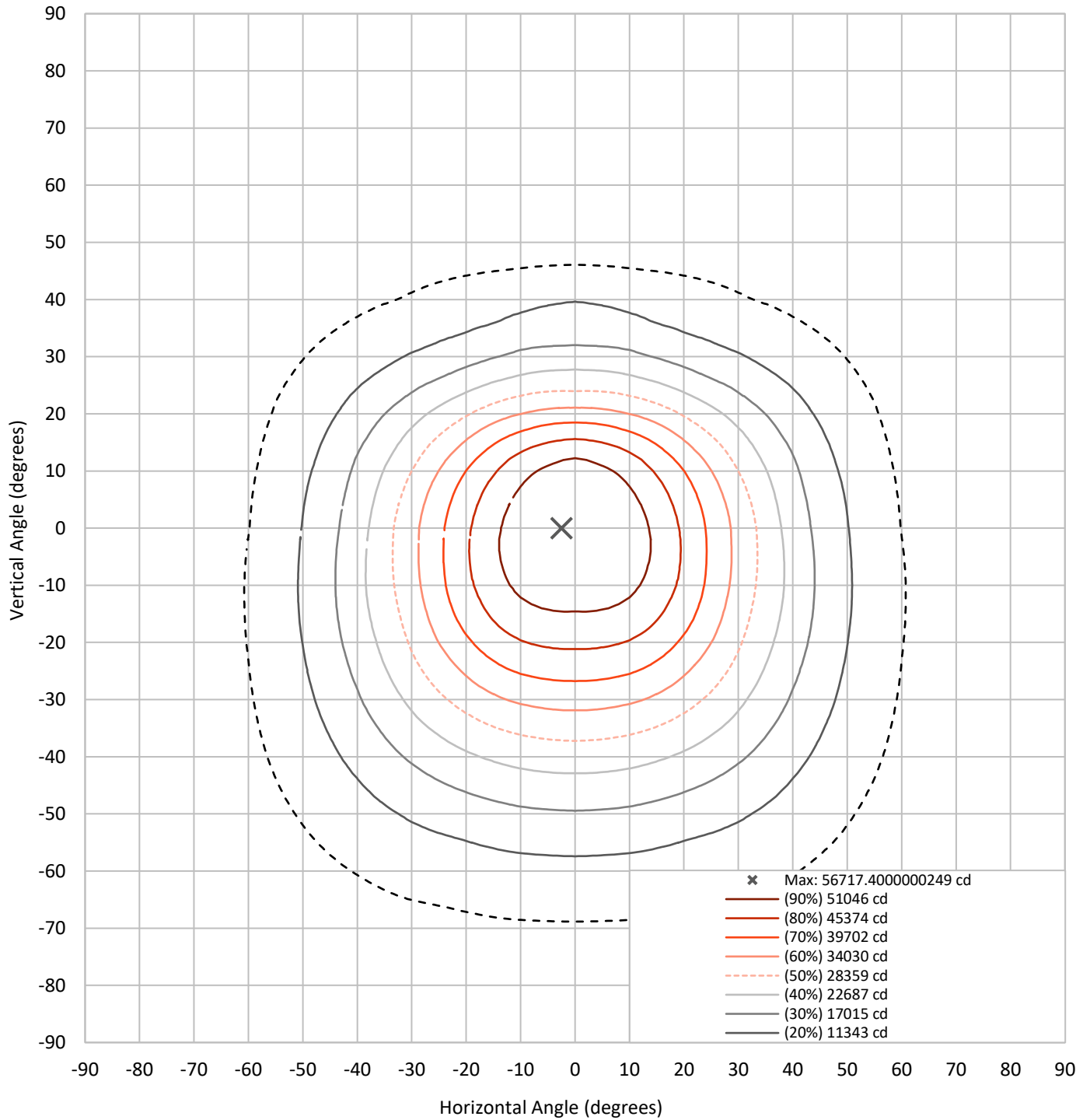
Test Method: LM-79-08
Report Number: P1305616 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-7F-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	75455 lumens	Max Intensity:	56717.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	116.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	40968.4 lumens	Field Lumens:	70708.2 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	648		
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:	25 FT		

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Iso-Candela Plot





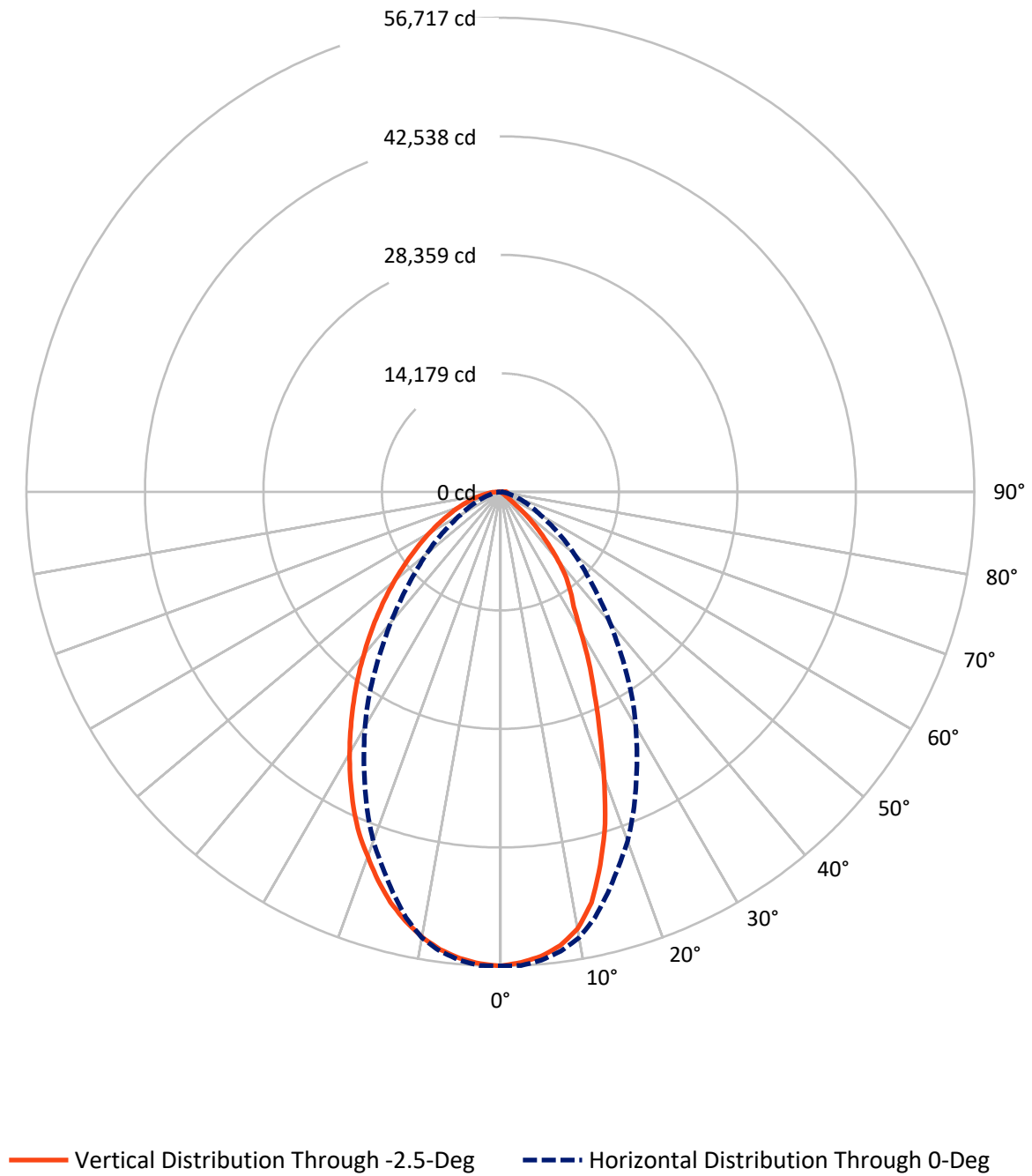
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Lumen Table

90																			
80	1.3	6.2		14.0		17.6		19.1		17.6		14.0		6.2		1.3			
70																			
60	4.5	3.1	4.3	4.8	3.7	2.2	1.5	1.3	1.3	1.5	2.2	3.7	4.8	4.3	3.1	4.5			
50		6.3	8.0	8.1	9.1	11.8	16.2	18.1	18.1	16.2	11.8	9.1	8.1	8.0	6.3				
40	11.7	12.2	22.8	45.1	78.7	121.9	163.1	192.3	192.3	163.1	121.9	78.7	45.1	22.8	12.2	11.7			
30		22.3	56.5	116.0	191.7	275.8	361.4	436.3	436.3	361.4	275.8	191.7	116.0	56.5	22.3				
20	20.6	33.0	90.7	191.9	336.2	511.6	692.3	808.4	808.4	692.3	511.6	336.2	191.9	90.7	33.0	20.6			
10		41.8	119.6	269.0	504.9	814.2	1137.1	1354.4	1354.4	1137.1	814.2	504.9	269.0	119.6	41.8				
0	26.1	48.6	140.4	322.8	622.5	1014.6	1399.5	1651.2	1651.2	1399.5	1014.6	622.5	322.8	140.4	48.6	26.1			
-10		52.9	152.6	347.9	664.2	1064.8	1455.6	1672.3	1672.3	1455.6	1064.8	664.2	347.9	152.6	52.9				
-20	27.5	54.1	153.1	344.0	636.7	1004.6	1345.5	1519.5	1519.5	1345.5	1004.6	636.7	344.0	153.1	54.1	27.5			
-30		51.5	141.2	308.4	556.5	849.3	1110.7	1244.9	1244.9	1110.7	849.3	556.5	308.4	141.2	51.5				
-40	23.0	46.0	121.9	255.4	443.3	651.0	824.8	919.8	919.8	824.8	651.0	443.3	255.4	121.9	46.0	23.0			
-50		38.4	97.3	194.2	322.8	454.7	563.1	624.8	624.8	563.1	454.7	322.8	194.2	97.3	38.4				
-60	14.8	29.7	71.4	134.9	214.4	290.1	353.3	389.1	389.1	353.3	290.1	214.4	134.9	71.4	29.7	14.8			
-70		20.4	46.7	84.5	129.4	168.9	203.4	221.0	221.0	203.4	168.9	129.4	84.5	46.7	20.4				
-80	6.6	54.3		152.2		248.3		289.4		248.3		152.2		54.3		6.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

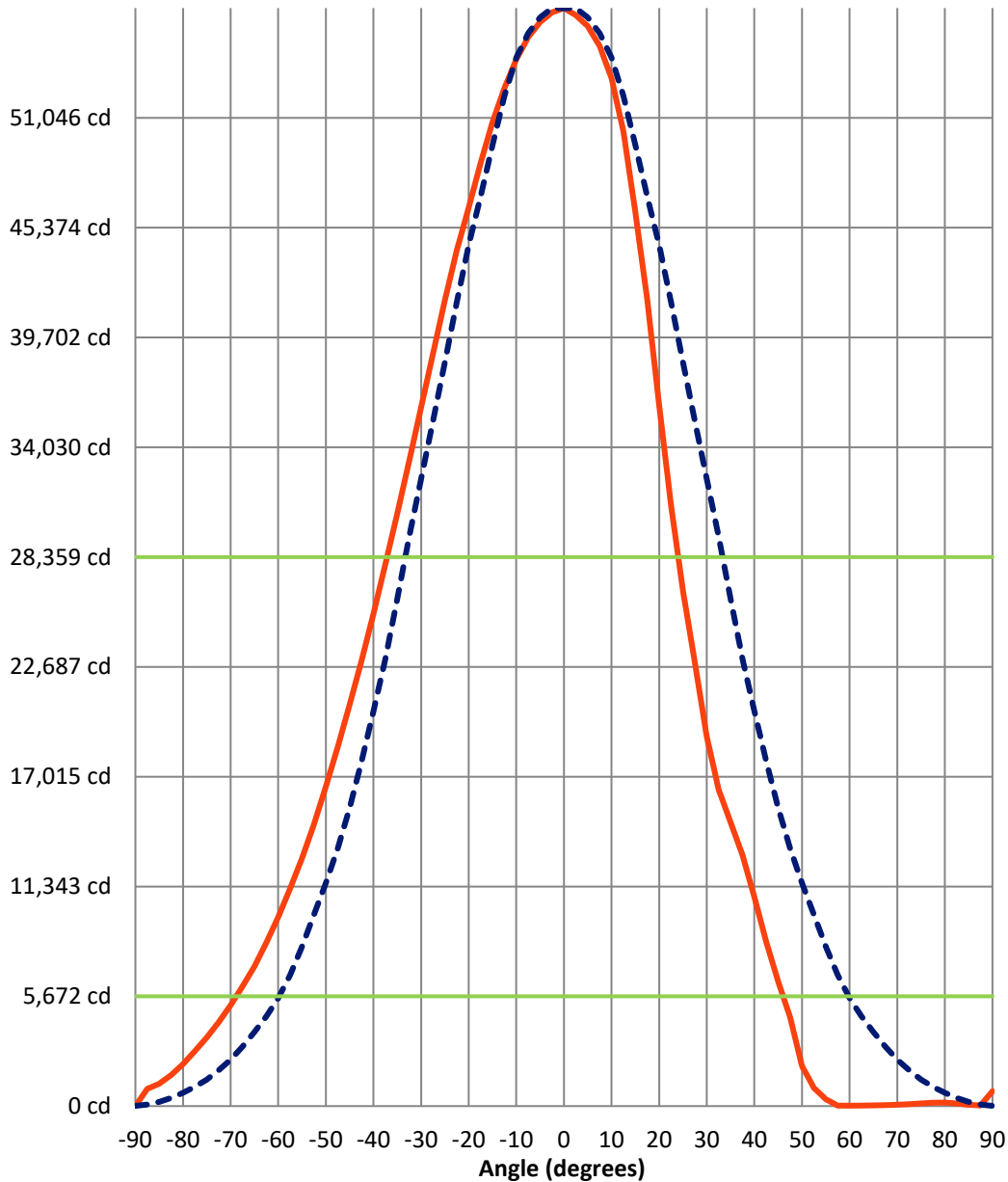
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 40968.4
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 70708.2
 Efficiency: 93.7%

Spill:
 Lumens: 4746.8
 Efficiency: 6.3%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	12.3	43.2	74.1	114.7	155.3	195.8	236.4	266.0	295.5	325.1	354.6
87.5°	12.3	15.7	17.9	19.5	20.7	21.6	22.3	22.3	22.0	21.4	20.6
85°	12.3	18.1	21.8	24.8	27.3	29.2	30.6	31.0	30.8	30.1	28.9
82.5°	12.3	20.6	25.6	30.1	33.9	36.8	38.8	39.7	40.4	43.3	45.6
80°	12.3	23.0	29.5	35.5	40.5	44.3	48.0	54.2	59.4	63.9	67.4
77.5°	12.3	25.5	33.4	40.8	47.0	54.9	63.9	71.6	78.5	84.4	87.1
75°	12.3	27.9	37.3	46.1	55.2	71.2	80.2	88.9	98.0	104.0	101.0
72.5°	12.3	30.3	41.2	51.4	70.5	87.7	96.8	108.5	121.6	124.3	116.6
70°	12.3	32.7	45.1	58.1	85.9	104.5	115.3	134.7	146.3	146.5	149.8
67.5°	12.3	35.1	49.1	71.2	101.4	121.6	143.4	161.8	172.6	187.7	188.9
65°	12.3	37.5	53.1	84.1	117.0	143.9	172.4	189.8	215.8	230.7	233.9
62.5°	12.3	39.8	57.2	97.1	132.8	171.6	202.1	228.6	260.4	278.3	290.2
60°	12.3	42.2	61.2	110.0	148.6	199.7	232.8	272.4	306.4	338.4	350.1
57.5°	12.3	44.5	70.6	122.9	172.8	228.2	274.9	317.9	364.5	401.4	420.1
55°	12.3	46.7	79.9	135.7	197.4	257.2	319.3	366.5	427.2	469.9	498.4
52.5°	12.3	49.0	89.1	148.4	222.2	288.3	364.4	427.8	492.0	551.2	582.5
50°	12.3	51.2	98.1	161.1	246.9	327.9	410.4	491.9	562.8	636.9	688.3
47.5°	12.3	53.3	107.0	175.2	271.7	367.7	458.7	557.3	645.4	726.9	805.1
45°	12.3	55.4	115.6	193.9	296.5	407.6	516.5	624.0	734.7	843.0	931.4
42.5°	12.3	57.5	124.1	212.3	321.2	447.6	574.6	699.5	826.9	966.2	1101.2
40°	12.3	59.5	132.3	230.5	349.2	487.7	633.1	781.6	927.4	1095.3	1289.9
37.5°	12.3	61.5	140.3	248.2	380.3	527.6	691.7	864.7	1039.6	1233.3	1492.0
35°	12.3	63.4	148.0	265.4	410.9	572.2	750.4	948.8	1150.8	1394.0	1717.4
32.5°	12.3	65.3	155.4	281.9	440.8	618.8	812.1	1033.5	1260.8	1548.3	1916.0
30°	12.3	67.0	162.6	297.8	470.1	664.6	880.7	1120.1	1369.2	1695.7	2102.1
27.5°	12.3	68.7	169.4	313.0	496.8	709.4	948.6	1210.4	1482.5	1836.1	2275.6
25°	12.3	70.4	176.0	327.4	522.0	753.1	1015.3	1298.3	1601.9	1979.3	2437.1
22.5°	12.3	71.9	182.1	341.0	545.9	793.4	1080.6	1383.5	1714.8	2117.6	2606.9
20°	12.3	73.4	187.9	353.8	568.3	827.0	1144.1	1465.7	1821.1	2245.0	2767.1
17.5°	12.3	74.7	193.3	365.8	589.3	858.0	1193.9	1544.5	1920.6	2361.6	2917.1
15°	12.3	76.0	198.3	376.8	608.7	886.4	1232.7	1610.8	2013.2	2467.6	3056.2
12.5°	12.3	77.1	202.9	386.9	626.5	912.1	1267.0	1662.5	2094.8	2563.0	3183.8
10°	12.3	78.2	207.0	396.0	642.5	935.1	1296.7	1710.5	2168.1	2675.1	3313.8
7.5°	12.3	79.1	210.7	404.0	656.7	955.3	1321.9	1754.3	2236.0	2786.1	3461.8
5°	12.3	79.9	213.9	411.0	669.1	972.7	1342.6	1793.3	2297.7	2890.8	3597.3
2.5°	12.3	80.6	216.6	416.9	679.6	987.1	1358.9	1826.8	2352.5	2987.2	3719.2
0°	12.3	81.2	218.8	421.7	688.1	998.6	1370.8	1854.2	2399.4	3073.3	3826.7
-2.5°	12.3	82.8	222.2	428.1	699.3	1017.2	1403.8	1899.8	2457.9	3133.7	3894.7
-5°	12.3	84.2	225.0	433.2	708.4	1032.6	1431.9	1938.2	2507.4	3182.1	3947.1
-7.5°	12.3	85.6	227.3	437.2	715.3	1044.7	1454.9	1969.3	2547.3	3218.6	3983.8
-10°	12.3	86.7	229.0	439.8	719.9	1053.3	1472.1	1992.5	2577.3	3243.4	4004.6
-12.5°	12.3	87.7	230.2	441.2	722.1	1058.3	1483.3	2007.6	2597.0	3257.3	4021.0
-15°	12.3	88.6	230.8	441.2	721.8	1059.4	1488.1	2014.2	2603.8	3263.0	4024.9
-17.5°	12.3	89.3	230.8	439.9	719.1	1056.7	1486.2	2009.5	2596.2	3254.5	4010.0
-20°	12.3	89.9	230.3	437.2	713.8	1049.9	1478.0	1994.7	2577.2	3231.3	3975.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	12.3	90.3	229.2	433.1	705.8	1039.1	1465.0	1971.9	2546.5	3193.1	3921.9
-25°	12.3	90.5	227.5	427.7	695.3	1028.4	1446.2	1941.2	2503.8	3139.8	3848.2
-27.5°	12.3	90.6	225.3	420.8	682.1	1015.2	1421.7	1902.6	2449.1	3075.3	3775.9
-30°	12.3	90.5	222.4	412.5	666.7	997.6	1391.6	1856.1	2391.6	3004.1	3686.5
-32.5°	12.3	90.2	219.0	402.8	652.7	975.5	1355.7	1811.7	2330.1	2918.4	3579.2
-35°	12.3	89.8	215.1	391.7	635.9	949.0	1322.3	1763.7	2259.5	2818.3	3454.0
-37.5°	12.3	89.2	210.6	379.3	616.2	920.6	1286.5	1709.0	2180.1	2703.8	3324.1
-40°	12.3	88.4	205.5	365.5	593.8	893.2	1244.9	1647.9	2092.0	2596.6	3187.4
-42.5°	12.3	87.5	199.9	351.2	572.9	862.1	1197.6	1580.4	2008.4	2490.3	3037.7
-45°	12.3	86.4	193.8	337.1	554.2	827.2	1144.6	1511.4	1923.8	2371.3	2879.4
-47.5°	12.3	85.1	187.2	321.5	533.2	788.7	1086.1	1442.4	1832.0	2239.9	2730.2
-50°	12.3	83.7	180.0	310.5	510.1	746.7	1033.0	1366.5	1729.3	2122.1	2565.9
-52.5°	12.3	82.1	172.4	300.3	484.8	701.2	977.2	1284.1	1625.5	1993.9	2390.8
-55°	12.3	80.4	164.3	288.9	457.6	663.7	917.0	1197.2	1517.1	1855.9	2233.1
-57.5°	12.3	78.5	155.7	276.5	428.3	625.7	852.6	1119.7	1401.6	1719.1	2064.4
-60°	12.3	76.5	146.8	263.0	397.8	585.1	786.4	1035.0	1283.7	1577.2	1890.7
-62.5°	12.3	74.4	142.2	248.5	376.7	542.0	732.2	944.8	1176.7	1427.6	1719.1
-65°	12.3	72.1	137.2	233.0	354.0	496.6	675.1	856.7	1064.5	1291.3	1539.1
-67.5°	12.3	69.7	132.0	216.7	330.0	456.3	615.0	781.1	947.4	1154.5	1372.7
-70°	12.3	67.1	126.5	199.5	304.7	421.6	552.3	702.6	853.5	1012.4	1208.8
-72.5°	12.3	64.5	120.7	188.8	278.2	385.2	502.5	621.4	757.1	899.2	1047.3
-75°	12.3	61.7	114.6	179.4	250.6	347.3	452.8	553.0	657.9	783.4	914.1
-77.5°	12.3	58.9	108.3	169.5	233.8	307.9	401.4	488.0	577.5	671.8	777.6
-80°	12.3	55.9	101.8	159.2	219.0	281.0	348.3	421.5	497.4	577.1	660.5
-82.5°	12.3	52.8	95.2	148.5	203.7	260.5	318.9	365.7	415.7	480.6	548.2
-85°	12.3	49.7	88.3	137.5	188.0	239.5	292.0	333.0	374.2	415.8	457.8
-87.5°	12.3	46.5	81.3	126.2	171.8	217.9	264.5	299.7	335.1	370.7	406.5
-90°	12.3	13.2	14.1	14.1	14.1	14.1	14.1	13.7	13.2	12.8	12.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	380.6	406.7	432.7	458.7	484.3	509.9	535.4	561.0	584.8	608.7	632.5
87.5°	21.1	21.6	22.1	22.5	21.6	20.6	19.4	18.1	19.6	21.2	22.9
85°	29.9	30.9	33.5	35.4	36.8	38.7	41.0	43.8	49.0	54.2	59.2
82.5°	49.7	53.0	55.3	56.8	61.8	67.8	74.4	80.4	86.3	91.8	97.1
80°	71.8	75.2	75.9	76.7	83.2	91.2	99.7	108.5	115.5	122.0	128.2
77.5°	87.9	89.9	92.2	94.8	103.2	114.8	126.4	138.1	146.7	153.6	159.9
75°	100.6	104.3	112.7	117.9	127.3	140.8	154.4	167.5	176.1	180.9	184.0
72.5°	121.3	133.4	140.9	143.8	152.9	168.8	183.1	195.9	202.6	201.6	197.4
70°	153.0	164.3	174.1	177.7	181.6	197.2	208.9	218.0	222.1	214.0	198.2
67.5°	187.3	204.6	213.6	214.0	208.5	222.0	232.5	231.1	224.1	206.7	185.8
65°	231.3	247.9	255.8	252.5	237.5	240.6	239.9	233.6	217.5	193.5	168.6
62.5°	280.6	295.4	301.7	293.3	265.9	254.2	247.4	231.4	206.8	183.2	159.7
60°	343.3	346.6	350.6	335.6	301.1	268.7	255.9	239.8	213.5	181.3	161.9
57.5°	413.6	402.3	404.2	387.3	347.6	289.6	283.9	263.4	241.2	198.8	178.8
55°	494.7	463.7	468.6	453.3	416.9	352.0	330.0	327.0	295.9	262.5	225.7
52.5°	592.0	549.9	548.9	546.5	526.8	470.9	420.4	455.5	475.1	437.8	461.5
50°	701.3	680.3	648.7	685.5	697.1	667.5	623.2	721.1	839.2	893.2	891.8
47.5°	846.5	834.1	806.7	873.3	956.5	1032.7	1051.0	1228.0	1406.8	1604.5	1628.0
45°	1017.4	1048.9	1033.3	1174.6	1352.8	1557.7	1710.0	1881.7	2288.7	2524.8	2874.5
42.5°	1207.2	1298.9	1382.5	1516.0	1936.1	2197.0	2426.6	2857.7	3262.5	3604.8	3966.1
40°	1451.5	1572.1	1754.6	2117.8	2570.7	2872.7	3268.0	3759.2	4169.2	4555.6	4925.5
37.5°	1716.3	1917.8	2165.0	2685.5	3201.0	3579.3	4063.3	4550.5	5016.5	5450.1	5967.4
35°	1996.2	2264.7	2653.9	3197.7	3738.7	4265.6	4798.3	5341.0	5872.8	6467.0	7048.7
32.5°	2301.0	2612.0	3103.1	3680.7	4286.2	4898.3	5517.3	6150.8	6826.8	7519.6	8136.7
30°	2575.9	2998.8	3521.6	4148.0	4831.3	5534.4	6256.7	6985.7	7815.8	8635.9	9376.2
27.5°	2785.9	3353.1	3937.0	4629.4	5378.1	6162.1	6999.0	7902.3	8868.7	9808.8	10687.6
25°	2987.4	3625.7	4335.4	5110.6	5942.3	6823.8	7759.9	8771.2	9957.1	11058.6	12154.8
22.5°	3198.5	3900.4	4666.1	5579.5	6491.5	7494.8	8533.4	9697.4	11007.9	12310.0	13642.1
20°	3423.0	4184.7	4992.8	5955.9	7005.4	8155.8	9261.5	10616.2	12074.0	13587.2	15212.1
17.5°	3641.9	4446.0	5309.2	6324.4	7461.8	8750.4	9963.4	11505.5	13121.0	14851.7	16689.6
15°	3852.8	4684.2	5597.9	6663.2	7903.4	9271.4	10690.0	12379.7	14186.4	16097.2	18027.2
12.5°	4053.3	4899.2	5858.2	6970.8	8315.7	9777.6	11340.3	13117.4	15096.3	17208.3	19312.1
10°	4240.8	5091.1	6089.4	7245.7	8693.9	10260.3	11919.2	13776.8	15834.4	18010.5	20356.9
7.5°	4382.8	5250.5	6293.3	7486.2	9032.9	10710.1	12425.8	14354.6	16458.2	18724.6	21247.0
5°	4491.7	5380.0	6481.9	7763.9	9358.6	11082.3	12842.4	14847.3	16969.5	19339.1	22015.4
2.5°	4574.3	5489.4	6643.4	8021.9	9650.2	11335.8	13114.2	15170.7	17429.5	19912.8	22640.0
0°	4634.7	5576.8	6774.8	8242.6	9886.9	11522.4	13314.9	15405.5	17803.2	20398.4	23101.2
-2.5°	4737.2	5731.9	6958.4	8417.5	10034.6	11705.1	13573.4	15732.5	18157.6	20704.7	23498.9
-5°	4819.2	5859.5	7106.9	8549.0	10130.8	11824.7	13751.5	15959.9	18389.7	20911.0	23704.2
-7.5°	4878.6	5956.0	7218.3	8636.3	10195.1	11921.3	13876.0	16073.1	18476.5	21034.1	23736.3
-10°	4913.7	6001.7	7253.4	8662.1	10229.7	11973.4	13923.8	16089.7	18450.5	21005.2	23648.4
-12.5°	4927.0	6000.7	7242.6	8641.1	10203.1	11948.5	13885.9	16011.1	18314.5	20818.6	23424.2
-15°	4918.2	5969.9	7192.2	8572.5	10113.2	11843.8	13761.7	15839.4	18061.9	20438.3	22970.6
-17.5°	4887.4	5909.3	7101.7	8456.0	9958.7	11657.0	13540.2	15522.0	17699.2	19999.2	22394.3
-20°	4834.6	5818.7	6970.6	8291.6	9747.8	11411.8	13227.3	15145.7	17237.1	19475.3	21748.6



REPORT NUMBER: P1305616 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4759.9	5698.4	6817.6	8106.4	9545.5	11133.0	12853.6	14693.0	16648.4	18850.1	21016.6
-25°	4674.0	5592.2	6657.4	7904.6	9289.7	10806.6	12416.1	14175.0	16020.4	18081.1	20178.1
-27.5°	4576.0	5463.1	6486.8	7662.7	8975.9	10443.7	11982.6	13633.6	15381.1	17233.9	19244.6
-30°	4454.9	5316.4	6282.4	7397.9	8658.0	10048.6	11528.4	13020.8	14676.1	16423.0	18266.1
-32.5°	4311.2	5139.2	6078.5	7140.9	8311.9	9591.4	10998.4	12417.5	13944.8	15561.5	17269.6
-35°	4157.5	4959.2	5851.3	6848.1	7932.3	9131.4	10416.4	11766.3	13170.8	14690.1	16192.6
-37.5°	4002.9	4753.4	5586.0	6538.1	7576.6	8641.9	9797.6	11081.9	12398.1	13741.4	15121.2
-40°	3828.9	4522.3	5322.0	6209.7	7150.0	8138.5	9221.4	10367.7	11591.4	12803.2	14040.1
-42.5°	3639.4	4309.1	5042.2	5834.4	6714.4	7634.2	8605.8	9678.5	10745.1	11845.7	12987.7
-45°	3459.5	4076.2	4744.5	5480.8	6258.6	7109.1	8016.0	8953.6	9913.8	10886.4	11926.0
-47.5°	3266.2	3834.4	4463.8	5101.9	5816.7	6586.5	7402.0	8245.7	9077.3	9969.2	10857.7
-50°	3064.9	3607.4	4149.7	4742.8	5377.6	6068.5	6808.2	7535.7	8296.2	9068.4	9869.4
-52.5°	2863.0	3366.9	3858.1	4377.3	4951.5	5565.0	6209.5	6859.5	7535.3	8215.0	8901.6
-55°	2645.0	3112.5	3558.2	4027.2	4530.7	5080.4	5626.1	6210.9	6796.6	7418.6	7982.7
-57.5°	2438.8	2837.4	3250.1	3678.5	4129.1	4597.1	5081.6	5570.9	6104.0	6640.4	7123.6
-60°	2235.5	2572.8	2933.1	3324.9	3728.2	4142.6	4544.3	4980.9	5431.9	5871.1	6313.4
-62.5°	2024.6	2323.3	2631.3	2963.8	3330.8	3687.8	4050.3	4418.3	4785.7	5175.4	5549.3
-65°	1816.6	2071.3	2344.5	2632.5	2927.6	3250.2	3568.9	3879.6	4207.8	4526.8	4836.5
-67.5°	1599.3	1832.6	2066.4	2306.4	2570.4	2833.7	3098.8	3384.3	3661.4	3922.0	4184.7
-70°	1405.1	1592.9	1799.9	2011.7	2221.7	2437.8	2673.1	2909.1	3140.7	3362.8	3590.1
-72.5°	1212.1	1380.6	1549.8	1719.4	1901.9	2083.8	2267.6	2452.8	2646.4	2840.2	3028.6
-75°	1040.1	1166.4	1313.5	1463.1	1605.6	1744.7	1886.9	2044.3	2199.1	2351.2	2501.8
-77.5°	883.3	989.9	1100.1	1213.7	1322.1	1438.7	1555.8	1673.1	1788.6	1901.7	2012.4
-80°	735.8	810.6	899.4	991.4	1077.5	1162.4	1247.4	1332.1	1417.7	1507.2	1599.6
-82.5°	609.1	670.1	731.8	794.0	851.3	907.2	965.1	1031.3	1098.9	1166.1	1232.6
-85°	493.2	528.2	575.5	623.4	669.2	714.3	758.7	802.6	847.6	892.0	935.6
-87.5°	437.2	467.7	498.0	528.2	557.3	586.1	614.7	643.1	672.1	701.0	729.9
-90°	12.3	12.3	12.3	12.3	11.9	11.5	11.0	10.6	10.2	9.7	9.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	656.3	663.8	671.3	678.8	686.3	704.0	721.6	739.3	756.9	760.9	764.8
87.5°	24.7	24.7	24.8	24.7	24.7	28.6	32.7	36.8	41.0	40.6	40.0
85°	64.1	65.1	65.5	65.5	65.2	70.7	76.2	81.5	86.7	83.2	79.2
82.5°	102.2	104.1	105.8	107.7	109.6	115.2	120.8	126.0	130.9	132.6	134.1
80°	133.8	137.3	139.8	141.9	143.4	148.2	153.4	158.3	163.0	167.9	172.9
77.5°	164.4	165.5	164.9	163.3	160.7	161.4	162.6	163.1	163.2	165.8	168.7
75°	185.6	183.2	175.9	167.5	158.2	152.4	148.2	143.7	139.1	138.3	138.6
72.5°	190.3	180.6	168.7	153.9	139.3	129.1	122.2	115.6	109.3	106.3	104.4
70°	180.2	161.7	145.6	129.7	114.2	102.7	95.9	89.6	84.0	80.3	77.7
67.5°	162.2	139.3	122.4	106.1	90.9	79.1	73.1	67.6	62.6	58.9	56.3
65°	144.0	119.7	103.4	87.7	72.4	60.7	56.1	51.6	47.2	43.9	42.1
62.5°	134.0	108.4	91.5	77.8	64.0	50.4	45.7	41.0	36.4	32.8	31.2
60°	137.5	108.6	88.1	75.3	61.0	45.3	39.3	35.1	30.4	26.2	24.7
57.5°	159.1	127.5	96.8	91.8	77.3	54.2	56.4	65.6	58.7	40.5	38.4
55°	243.4	235.5	154.2	199.5	232.0	218.6	204.2	270.3	302.5	304.1	334.0
52.5°	483.6	540.7	519.4	544.2	678.4	732.7	725.5	843.7	904.9	896.6	928.6
50°	1018.3	1135.1	1279.0	1302.1	1527.2	1683.3	1720.9	1857.8	2009.7	2067.9	2133.3
47.5°	1987.3	2261.1	2400.0	2556.6	2815.7	3099.5	3319.4	3516.4	3729.8	3875.7	4051.8
45°	3237.2	3430.6	3672.3	4036.2	4431.6	4802.0	5149.9	5467.0	5676.1	5862.6	6060.5
42.5°	4265.4	4574.4	4979.8	5522.6	6085.2	6465.4	6751.6	7057.1	7383.8	7694.4	7980.8
40°	5318.2	5676.3	6319.7	6934.7	7354.5	7721.4	8113.2	8527.9	8955.0	9362.4	9767.6
37.5°	6446.7	6975.9	7539.3	8076.8	8521.0	8868.1	9405.0	9864.4	10292.3	10899.1	11455.5
35°	7647.4	8222.6	8706.6	9321.5	9818.0	10246.2	10808.0	11386.6	11757.0	12589.2	13309.7
32.5°	8842.0	9512.3	10157.7	10741.6	11357.8	12018.0	12564.7	13358.4	13962.1	14758.1	15540.7
30°	10086.7	11005.7	11811.2	12452.0	13291.4	14144.9	14912.1	15846.6	16736.5	17477.4	18306.8
27.5°	11657.4	12679.2	13661.5	14648.9	15545.7	16611.5	17832.7	18821.2	19960.5	20768.2	21635.7
25°	13323.8	14541.0	15847.6	17120.4	18296.8	19675.6	21060.1	22267.8	23448.6	24379.4	25306.4
22.5°	15135.9	16607.7	18162.8	19765.1	21355.5	22866.0	24352.2	25846.8	27207.9	28487.2	29378.4
20°	16976.1	18610.6	20499.1	22429.6	24260.9	25965.9	27751.8	29641.8	31371.3	32853.8	33951.7
17.5°	18636.2	20686.4	22763.6	24881.6	26946.9	29054.0	31269.8	33492.7	35540.5	37276.7	38734.4
15°	20131.8	22454.7	24859.3	27249.0	29624.0	32050.0	34639.2	37034.2	39329.4	41320.7	43024.8
12.5°	21606.5	24087.6	26665.2	29344.6	32160.2	34787.1	37423.1	40005.7	42410.9	44725.6	46432.9
10°	22911.8	25590.7	28350.3	31221.5	34137.7	36987.5	39766.0	42458.2	44821.4	47007.1	49072.5
7.5°	23975.3	26848.3	29793.7	32813.5	35814.9	38700.6	41530.5	44220.8	46619.5	48859.3	50971.4
5°	24892.5	27939.8	30979.5	33989.0	37008.9	40002.0	42859.1	45511.8	48010.3	50337.9	52454.5
2.5°	25641.1	28818.5	31898.4	34862.5	37870.2	40934.0	43863.2	46426.0	49037.7	51405.0	53488.4
0°	26202.8	29410.2	32391.8	35382.2	38427.4	41525.4	44471.7	46982.3	49641.0	52170.9	54152.2
-2.5°	26510.0	29529.1	32496.8	35497.2	38634.0	41820.9	44763.1	47469.1	50112.5	52484.1	54326.1
-5°	26616.7	29586.7	32543.7	35598.2	38707.8	41844.6	44776.8	47489.9	50028.5	52246.7	53926.7
-7.5°	26545.1	29485.9	32413.3	35437.7	38527.7	41627.0	44512.1	47107.3	49552.0	51653.0	53256.1
-10°	26328.9	29176.7	32105.2	35079.8	38176.4	41236.2	44063.6	46404.9	48739.1	50710.2	52226.0
-12.5°	25971.5	28698.1	31586.3	34495.0	37533.2	40474.4	43109.1	45440.3	47526.0	49522.5	50849.3
-15°	25464.4	28093.3	30854.5	33702.9	36581.2	39426.6	41995.6	44248.8	46181.0	47755.9	49153.2
-17.5°	24828.5	27365.0	30010.9	32740.4	35413.2	38120.3	40501.0	42759.1	44617.7	46019.8	47104.1
-20°	24045.8	26507.4	29037.7	31643.6	34127.0	36429.3	38724.3	40824.0	42661.2	44032.1	45074.2



REPORT NUMBER: P1305616 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	23219.5	25541.9	27939.1	30288.8	32550.3	34714.7	36793.2	38720.3	40467.2	41763.4	42760.7
-25°	22279.4	24451.4	26667.9	28789.9	30855.3	32870.4	34754.4	36540.0	38065.0	39326.0	40251.9
-27.5°	21249.8	23272.2	25272.7	27246.3	29162.6	30904.6	32638.0	34249.9	35591.0	36750.7	37570.6
-30°	20124.7	21974.2	23849.1	25699.1	27356.9	28926.1	30466.2	31865.5	33094.7	34112.9	34848.4
-32.5°	18938.1	20627.8	22366.9	24039.7	25493.4	26909.1	28252.1	29478.7	30606.0	31505.7	32168.9
-35°	17711.4	19276.7	20838.5	22284.9	23639.8	24899.2	26056.4	27143.6	28077.4	28897.5	29547.7
-37.5°	16504.7	17914.7	19270.0	20532.9	21784.9	22939.9	23950.7	24904.5	25753.5	26437.5	27007.5
-40°	15321.3	16569.4	17723.3	18847.4	19966.1	20943.8	21861.7	22684.3	23435.6	24089.1	24595.5
-42.5°	14144.9	15219.6	16215.6	17227.2	18194.4	19042.3	19841.5	20554.3	21206.2	21791.9	22282.9
-45°	12964.1	13883.4	14769.8	15659.2	16462.3	17217.5	17912.1	18538.4	19120.8	19614.0	20016.6
-47.5°	11758.3	12573.7	13379.0	14149.6	14815.9	15468.4	16066.5	16629.0	17153.8	17597.3	17953.0
-50°	10606.9	11327.6	12048.7	12685.7	13245.9	13789.3	14295.4	14838.5	15324.3	15728.4	16022.3
-52.5°	9525.9	10177.6	10797.4	11319.1	11792.6	12216.9	12605.7	13110.2	13567.5	13964.3	14224.9
-55°	8541.4	9099.1	9630.5	10061.5	10456.9	10810.8	11163.7	11569.1	11938.3	12268.5	12486.3
-57.5°	7614.7	8087.5	8529.5	8892.5	9222.3	9518.1	9845.7	10184.8	10487.5	10748.1	10923.5
-60°	6736.1	7138.6	7505.2	7803.8	8077.9	8326.9	8638.7	8934.6	9196.3	9408.8	9539.8
-62.5°	5907.4	6268.3	6553.4	6793.5	7012.4	7222.2	7494.7	7750.3	7986.3	8174.8	8284.5
-65°	5148.6	5464.6	5676.5	5866.5	6039.1	6228.1	6459.8	6667.7	6852.0	6992.0	7087.4
-67.5°	4456.8	4706.9	4873.9	5024.9	5172.8	5334.5	5531.2	5712.7	5878.6	5993.9	6065.2
-70°	3812.4	4005.2	4140.6	4269.0	4392.4	4531.1	4692.2	4842.3	4980.7	5070.2	5127.1
-72.5°	3211.3	3358.2	3470.1	3580.6	3680.2	3799.1	3930.4	4053.5	4167.8	4235.1	4278.3
-75°	2650.5	2763.1	2854.7	2939.5	3017.3	3117.4	3223.8	3323.7	3416.7	3468.0	3501.2
-77.5°	2130.4	2216.6	2285.6	2348.8	2406.1	2485.4	2567.3	2644.2	2715.9	2761.7	2798.4
-80°	1689.9	1742.0	1784.4	1823.9	1860.4	1919.7	1979.7	2036.3	2089.4	2119.2	2142.9
-82.5°	1298.1	1329.7	1355.0	1377.1	1396.2	1437.5	1478.7	1517.7	1554.4	1573.7	1590.1
-85°	978.5	995.5	1009.8	1022.6	1033.8	1062.5	1090.9	1118.3	1144.7	1150.3	1154.3
-87.5°	758.7	767.9	776.7	785.2	793.4	814.6	835.8	856.9	877.7	881.4	884.7
-90°	8.8	8.4	8.0	7.5	7.1	6.7	6.2	5.8	5.3	4.9	4.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	768.8	772.7	770.1	767.5	770.1	772.7	768.8	764.8	760.9	756.9	739.3
87.5°	39.4	38.7	38.8	38.8	38.8	38.7	39.4	40.0	40.6	41.0	36.8
85°	74.9	70.4	67.0	63.5	67.0	70.4	74.9	79.2	83.2	86.7	81.5
82.5°	135.5	136.8	136.5	135.8	136.5	136.8	135.5	134.1	132.6	130.9	126.0
80°	177.9	182.7	184.2	185.2	184.2	182.7	177.9	172.9	167.9	163.0	158.3
77.5°	171.7	174.7	175.6	176.4	175.6	174.7	171.7	168.7	165.8	163.2	163.1
75°	139.2	140.1	139.6	139.4	139.6	140.1	139.2	138.6	138.3	139.1	143.7
72.5°	102.9	101.7	100.9	100.6	100.9	101.7	102.9	104.4	106.3	109.3	115.6
70°	75.3	73.3	71.7	70.6	71.7	73.3	75.3	77.7	80.3	84.0	89.6
67.5°	54.0	52.1	50.6	49.4	50.6	52.1	54.0	56.3	58.9	62.6	67.6
65°	40.6	39.4	38.1	37.0	38.1	39.4	40.6	42.1	43.9	47.2	51.6
62.5°	29.9	28.8	28.3	28.2	28.3	28.8	29.9	31.2	32.8	36.4	41.0
60°	23.2	21.8	21.3	21.2	21.3	21.8	23.2	24.7	26.2	30.4	35.1
57.5°	34.7	29.7	26.7	24.7	26.7	29.7	34.7	38.4	40.5	58.7	65.6
55°	349.9	350.9	357.9	365.2	357.9	350.9	349.9	334.0	304.1	302.5	270.3
52.5°	953.0	949.9	941.3	924.5	941.3	949.9	953.0	928.6	896.6	904.9	843.7
50°	2172.6	2141.9	2075.4	1981.3	2075.4	2141.9	2172.6	2133.3	2067.9	2009.7	1857.8
47.5°	4289.0	4466.5	4589.2	4643.5	4589.2	4466.5	4289.0	4051.8	3875.7	3729.8	3516.4
45°	6266.5	6371.7	6433.2	6481.9	6433.2	6371.7	6266.5	6060.5	5862.6	5676.1	5467.0
42.5°	8224.5	8391.3	8473.5	8459.6	8473.5	8391.3	8224.5	7980.8	7694.4	7383.8	7057.1
40°	10156.9	10506.0	10792.6	10998.4	10792.6	10506.0	10156.9	9767.6	9362.4	8955.0	8527.9
37.5°	12005.9	12525.8	12964.9	13283.1	12964.9	12525.8	12005.9	11455.5	10899.1	10292.3	9864.4
35°	13899.1	14357.6	14658.5	14789.8	14658.5	14357.6	13899.1	13309.7	12589.2	11757.0	11386.6
32.5°	16039.7	16294.5	16348.4	16485.2	16348.4	16294.5	16039.7	15540.7	14758.1	13962.1	13358.4
30°	18811.8	19076.6	19083.1	19255.1	19083.1	19076.6	18811.8	18306.8	17477.4	16736.5	15846.6
27.5°	22319.5	22765.4	22910.2	23062.4	22910.2	22765.4	22319.5	21635.7	20768.2	19960.5	18821.2
25°	26075.5	26491.2	26624.4	26573.3	26624.4	26491.2	26075.5	25306.4	24379.4	23448.6	22267.8
22.5°	30291.4	30830.3	31026.3	30927.5	31026.3	30830.3	30291.4	29378.4	28487.2	27207.9	25846.8
20°	35009.8	35787.7	36198.9	36384.3	36198.9	35787.7	35009.8	33951.7	32853.8	31371.3	29641.8
17.5°	39976.4	41122.7	41649.0	41804.2	41649.0	41122.7	39976.4	38734.4	37276.7	35540.5	33492.7
15°	44494.6	45495.4	46178.0	46528.8	46178.0	45495.4	44494.6	43024.8	41320.7	39329.4	37034.2
12.5°	47988.1	49263.8	50327.0	50897.1	50327.0	49263.8	47988.1	46432.9	44725.6	42410.9	40005.7
10°	50835.8	52123.9	53090.7	53559.4	53090.7	52123.9	50835.8	49072.5	47007.1	44821.4	42458.2
7.5°	52806.1	54003.2	54753.8	55060.8	54753.8	54003.2	52806.1	50971.4	48859.3	46619.5	44220.8
5°	54079.7	55224.2	55779.0	55978.2	55779.0	55224.2	54079.7	52454.5	50337.9	48010.3	45511.8
2.5°	54996.6	55902.2	56346.5	56375.2	56346.5	55902.2	54996.6	53488.4	51405.0	49037.7	46426.0
0°	55415.4	56230.5	56717.4	56708.6	56717.4	56230.5	55415.4	54152.2	52170.9	49641.0	46982.3
-2.5°	55435.7	56144.9	56490.9	56295.8	56490.9	56144.9	55435.7	54326.1	52484.1	50112.5	47469.1
-5°	55040.3	55734.4	55993.7	55934.1	55993.7	55734.4	55040.3	53926.7	52246.7	50028.5	47489.9
-7.5°	54330.6	54946.3	55211.0	55219.6	55211.0	54946.3	54330.6	53256.1	51653.0	49552.0	47107.3
-10°	53248.1	53762.6	54065.8	53979.3	54065.8	53762.6	53248.1	52226.0	50710.2	48739.1	46404.9
-12.5°	51816.1	52324.0	52581.1	52529.1	52581.1	52324.0	51816.1	50849.3	49522.5	47526.0	45440.3
-15°	50103.2	50585.9	50826.8	50803.6	50826.8	50585.9	50103.2	49153.2	47755.9	46181.0	44248.8
-17.5°	47982.5	48466.3	48712.9	48746.5	48712.9	48466.3	47982.5	47104.1	46019.8	44617.7	42759.1
-20°	45760.0	46186.8	46412.6	46415.9	46412.6	46186.8	45760.0	45074.2	44032.1	42661.2	40824.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	43456.2	43935.4	44203.5	44163.0	44203.5	43935.4	43456.2	42760.7	41763.4	40467.2	38720.3
-25°	40888.4	41368.6	41629.3	41618.9	41629.3	41368.6	40888.4	40251.9	39326.0	38065.0	36540.0
-27.5°	38147.1	38608.6	38860.2	38891.4	38860.2	38608.6	38147.1	37570.6	36750.7	35591.0	34249.9
-30°	35385.8	35840.8	36087.1	36107.4	36087.1	35840.8	35385.8	34848.4	34112.9	33094.7	31865.5
-32.5°	32680.0	33090.9	33318.5	33342.8	33318.5	33090.9	32680.0	32168.9	31505.7	30606.0	29478.7
-35°	30040.1	30401.1	30605.4	30671.7	30605.4	30401.1	30040.1	29547.7	28897.5	28077.4	27143.6
-37.5°	27470.9	27797.2	27994.5	28115.3	27994.5	27797.2	27470.9	27007.5	26437.5	25753.5	24904.5
-40°	24989.3	25275.3	25432.5	25435.3	25432.5	25275.3	24989.3	24595.5	24089.1	23435.6	22684.3
-42.5°	22646.6	22887.3	23007.6	23009.5	23007.6	22887.3	22646.6	22282.9	21791.9	21206.2	20554.3
-45°	20340.8	20576.2	20742.9	20848.3	20742.9	20576.2	20340.8	20016.6	19614.0	19120.8	18538.4
-47.5°	18224.3	18417.4	18549.7	18621.8	18549.7	18417.4	18224.3	17953.0	17597.3	17153.8	16629.0
-50°	16237.7	16392.0	16504.9	16571.7	16504.9	16392.0	16237.7	16022.3	15728.4	15324.3	14838.5
-52.5°	14401.8	14514.5	14554.9	14528.7	14554.9	14514.5	14401.8	14224.9	13964.3	13567.5	13110.2
-55°	12649.6	12761.9	12806.8	12790.9	12806.8	12761.9	12649.6	12486.3	12268.5	11938.3	11569.1
-57.5°	11061.5	11161.1	11240.8	11289.5	11240.8	11161.1	11061.5	10923.5	10748.1	10487.5	10184.8
-60°	9642.9	9716.6	9766.6	9786.4	9766.6	9716.6	9642.9	9539.8	9408.8	9196.3	8934.6
-62.5°	8361.5	8407.3	8442.9	8457.9	8442.9	8407.3	8361.5	8284.5	8174.8	7986.3	7750.3
-65°	7163.5	7219.4	7212.7	7173.5	7212.7	7219.4	7163.5	7087.4	6992.0	6852.0	6667.7
-67.5°	6119.0	6155.4	6186.6	6203.1	6186.6	6155.4	6119.0	6065.2	5993.9	5878.6	5712.7
-70°	5170.5	5200.4	5211.5	5208.1	5211.5	5200.4	5170.5	5127.1	5070.2	4980.7	4842.3
-72.5°	4310.9	4332.7	4337.0	4329.5	4337.0	4332.7	4310.9	4278.3	4235.1	4167.8	4053.5
-75°	3524.9	3539.3	3546.6	3546.2	3546.6	3539.3	3524.9	3501.2	3468.0	3416.7	3323.7
-77.5°	2829.0	2853.4	2843.0	2824.6	2843.0	2853.4	2829.0	2798.4	2761.7	2715.9	2644.2
-80°	2162.2	2177.1	2168.9	2155.9	2168.9	2177.1	2162.2	2142.9	2119.2	2089.4	2036.3
-82.5°	1604.2	1616.0	1602.6	1586.1	1602.6	1616.0	1604.2	1590.1	1573.7	1554.4	1517.7
-85°	1157.1	1158.8	1157.7	1155.6	1157.7	1158.8	1157.1	1154.3	1150.3	1144.7	1118.3
-87.5°	887.7	890.5	888.2	885.7	888.2	890.5	887.7	884.7	881.4	877.7	856.9
-90°	4.0	3.5	4.4	5.3	4.4	3.5	4.0	4.4	4.9	5.3	5.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	721.6	704.0	686.3	678.8	671.3	663.8	656.3	632.5	608.7	584.8	561.0
87.5°	32.7	28.6	24.7	24.7	24.8	24.7	24.7	22.9	21.2	19.6	18.1
85°	76.2	70.7	65.2	65.5	65.5	65.1	64.1	59.2	54.2	49.0	43.8
82.5°	120.8	115.2	109.6	107.7	105.8	104.1	102.2	97.1	91.8	86.3	80.4
80°	153.4	148.2	143.4	141.9	139.8	137.3	133.8	128.2	122.0	115.5	108.5
77.5°	162.6	161.4	160.7	163.3	164.9	165.5	164.4	159.9	153.6	146.7	138.1
75°	148.2	152.4	158.2	167.5	175.9	183.2	185.6	184.0	180.9	176.1	167.5
72.5°	122.2	129.1	139.3	153.9	168.7	180.6	190.3	197.4	201.6	202.6	195.9
70°	95.9	102.7	114.2	129.7	145.6	161.7	180.2	198.2	214.0	222.1	218.0
67.5°	73.1	79.1	90.9	106.1	122.4	139.3	162.2	185.8	206.7	224.1	231.1
65°	56.1	60.7	72.4	87.7	103.4	119.7	144.0	168.6	193.5	217.5	233.6
62.5°	45.7	50.4	64.0	77.8	91.5	108.4	134.0	159.7	183.2	206.8	231.4
60°	39.3	45.3	61.0	75.3	88.1	108.6	137.5	161.9	181.3	213.5	239.8
57.5°	56.4	54.2	77.3	91.8	96.8	127.5	159.1	178.8	198.8	241.2	263.4
55°	204.2	218.6	232.0	199.5	154.2	235.5	243.4	225.7	262.5	295.9	327.0
52.5°	725.5	732.7	678.4	544.2	519.4	540.7	483.6	461.5	437.8	475.1	455.5
50°	1720.9	1683.3	1527.2	1302.1	1279.0	1135.1	1018.3	891.8	893.2	839.2	721.1
47.5°	3319.4	3099.5	2815.7	2556.6	2400.0	2261.1	1987.3	1628.0	1604.5	1406.8	1228.0
45°	5149.9	4802.0	4431.6	4036.2	3672.3	3430.6	3237.2	2874.5	2524.8	2288.7	1881.7
42.5°	6751.6	6465.4	6085.2	5522.6	4979.8	4574.4	4265.4	3966.1	3604.8	3262.5	2857.7
40°	8113.2	7721.4	7354.5	6934.7	6319.7	5676.3	5318.2	4925.5	4555.6	4169.2	3759.2
37.5°	9405.0	8868.1	8521.0	8076.8	7539.3	6975.9	6446.7	5967.4	5450.1	5016.5	4550.5
35°	10808.0	10246.2	9818.0	9321.5	8706.6	8222.6	7647.4	7048.7	6467.0	5872.8	5341.0
32.5°	12564.7	12018.0	11357.8	10741.6	10157.7	9512.3	8842.0	8136.7	7519.6	6826.8	6150.8
30°	14912.1	14144.9	13291.4	12452.0	11811.2	11005.7	10086.7	9376.2	8635.9	7815.8	6985.7
27.5°	17832.7	16611.5	15545.7	14648.9	13661.5	12679.2	11657.4	10687.6	9808.8	8868.7	7902.3
25°	21060.1	19675.6	18296.8	17120.4	15847.6	14541.0	13323.8	12154.8	11058.6	9957.1	8771.2
22.5°	24352.2	22866.0	21355.5	19765.1	18162.8	16607.7	15135.9	13642.1	12310.0	11007.9	9697.4
20°	27751.8	25965.9	24260.9	22429.6	20499.1	18610.6	16976.1	15212.1	13587.2	12074.0	10616.2
17.5°	31269.8	29054.0	26946.9	24881.6	22763.6	20686.4	18636.2	16689.6	14851.7	13121.0	11505.5
15°	34639.2	32050.0	29624.0	27249.0	24859.3	22454.7	20131.8	18027.2	16097.2	14186.4	12379.7
12.5°	37423.1	34787.1	32160.2	29344.6	26665.2	24087.6	21606.5	19312.1	17208.3	15096.3	13117.4
10°	39766.0	36987.5	34137.7	31221.5	28350.3	25590.7	22911.8	20356.9	18010.5	15834.4	13776.8
7.5°	41530.5	38700.6	35814.9	32813.5	29793.7	26848.3	23975.3	21247.0	18724.6	16458.2	14354.6
5°	42859.1	40002.0	37008.9	33989.0	30979.5	27939.8	24892.5	22015.4	19339.1	16969.5	14847.3
2.5°	43863.2	40934.0	37870.2	34862.5	31898.4	28818.5	25641.1	22640.0	19912.8	17429.5	15170.7
0°	44471.7	41525.4	38427.4	35382.2	32391.8	29410.2	26202.8	23101.2	20398.4	17803.2	15405.5
-2.5°	44763.1	41820.9	38634.0	35497.2	32496.8	29529.1	26510.0	23498.9	20704.7	18157.6	15732.5
-5°	44776.8	41844.6	38707.8	35598.2	32543.7	29586.7	26616.7	23704.2	20911.0	18389.7	15959.9
-7.5°	44512.1	41627.0	38527.7	35437.7	32413.3	29485.9	26545.1	23736.3	21034.1	18476.5	16073.1
-10°	44063.6	41236.2	38176.4	35079.8	32105.2	29176.7	26328.9	23648.4	21005.2	18450.5	16089.7
-12.5°	43109.1	40474.4	37533.2	34495.0	31586.3	28698.1	25971.5	23424.2	20818.6	18314.5	16011.1
-15°	41995.6	39426.6	36581.2	33702.9	30854.5	28093.3	25464.4	22970.6	20438.3	18061.9	15839.4
-17.5°	40501.0	38120.3	35413.2	32740.4	30010.9	27365.0	24828.5	22394.3	19999.2	17699.2	15522.0
-20°	38724.3	36429.3	34127.0	31643.6	29037.7	26507.4	24045.8	21748.6	19475.3	17237.1	15145.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	36793.2	34714.7	32550.3	30288.8	27939.1	25541.9	23219.5	21016.6	18850.1	16648.4	14693.0
-25°	34754.4	32870.4	30855.3	28789.9	26667.9	24451.4	22279.4	20178.1	18081.1	16020.4	14175.0
-27.5°	32638.0	30904.6	29162.6	27246.3	25272.7	23272.2	21249.8	19244.6	17233.9	15381.1	13633.6
-30°	30466.2	28926.1	27356.9	25699.1	23849.1	21974.2	20124.7	18266.1	16423.0	14676.1	13020.8
-32.5°	28252.1	26909.1	25493.4	24039.7	22366.9	20627.8	18938.1	17269.6	15561.5	13944.8	12417.5
-35°	26056.4	24899.2	23639.8	22284.9	20838.5	19276.7	17711.4	16192.6	14690.1	13170.8	11766.3
-37.5°	23950.7	22939.9	21784.9	20532.9	19270.0	17914.7	16504.7	15121.2	13741.4	12398.1	11081.9
-40°	21861.7	20943.8	19966.1	18847.4	17723.3	16569.4	15321.3	14040.1	12803.2	11591.4	10367.7
-42.5°	19841.5	19042.3	18194.4	17227.2	16215.6	15219.6	14144.9	12987.7	11845.7	10745.1	9678.5
-45°	17912.1	17217.5	16462.3	15659.2	14769.8	13883.4	12964.1	11926.0	10886.4	9913.8	8953.6
-47.5°	16066.5	15468.4	14815.9	14149.6	13379.0	12573.7	11758.3	10857.7	9969.2	9077.3	8245.7
-50°	14295.4	13789.3	13245.9	12685.7	12048.7	11327.6	10606.9	9869.4	9068.4	8296.2	7535.7
-52.5°	12605.7	12216.9	11792.6	11319.1	10797.4	10177.6	9525.9	8901.6	8215.0	7535.3	6859.5
-55°	11163.7	10810.8	10456.9	10061.5	9630.5	9099.1	8541.4	7982.7	7418.6	6796.6	6210.9
-57.5°	9845.7	9518.1	9222.3	8892.5	8529.5	8087.5	7614.7	7123.6	6640.4	6104.0	5570.9
-60°	8638.7	8326.9	8077.9	7803.8	7505.2	7138.6	6736.1	6313.4	5871.1	5431.9	4980.9
-62.5°	7494.7	7222.2	7012.4	6793.5	6553.4	6268.3	5907.4	5549.3	5175.4	4785.7	4418.3
-65°	6459.8	6228.1	6039.1	5866.5	5676.5	5464.6	5148.6	4836.5	4526.8	4207.8	3879.6
-67.5°	5531.2	5334.5	5172.8	5024.9	4873.9	4706.9	4456.8	4184.7	3922.0	3661.4	3384.3
-70°	4692.2	4531.1	4392.4	4269.0	4140.6	4005.2	3812.4	3590.1	3362.8	3140.7	2909.1
-72.5°	3930.4	3799.1	3680.2	3580.6	3470.1	3358.2	3211.3	3028.6	2840.2	2646.4	2452.8
-75°	3223.8	3117.4	3017.3	2939.5	2854.7	2763.1	2650.5	2501.8	2351.2	2199.1	2044.3
-77.5°	2567.3	2485.4	2406.1	2348.8	2285.6	2216.6	2130.4	2012.4	1901.7	1788.6	1673.1
-80°	1979.7	1919.7	1860.4	1823.9	1784.4	1742.0	1689.9	1599.6	1507.2	1417.7	1332.1
-82.5°	1478.7	1437.5	1396.2	1377.1	1355.0	1329.7	1298.1	1232.6	1166.1	1098.9	1031.3
-85°	1090.9	1062.5	1033.8	1022.6	1009.8	995.5	978.5	935.6	892.0	847.6	802.6
-87.5°	835.8	814.6	793.4	785.2	776.7	767.9	758.7	729.9	701.0	672.1	643.1
-90°	6.2	6.7	7.1	7.5	8.0	8.4	8.8	9.3	9.7	10.2	10.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	535.4	509.9	484.3	458.7	432.7	406.7	380.6	354.6	325.1	295.5	266.0
87.5°	19.4	20.6	21.6	22.5	22.1	21.6	21.1	20.6	21.4	22.0	22.3
85°	41.0	38.7	36.8	35.4	33.5	30.9	29.9	28.9	30.1	30.8	31.0
82.5°	74.4	67.8	61.8	56.8	55.3	53.0	49.7	45.6	43.3	40.4	39.7
80°	99.7	91.2	83.2	76.7	75.9	75.2	71.8	67.4	63.9	59.4	54.2
77.5°	126.4	114.8	103.2	94.8	92.2	89.9	87.9	87.1	84.4	78.5	71.6
75°	154.4	140.8	127.3	117.9	112.7	104.3	100.6	101.0	104.0	98.0	88.9
72.5°	183.1	168.8	152.9	143.8	140.9	133.4	121.3	116.6	124.3	121.6	108.5
70°	208.9	197.2	181.6	177.7	174.1	164.3	153.0	149.8	146.5	146.3	134.7
67.5°	232.5	222.0	208.5	214.0	213.6	204.6	187.3	188.9	187.7	172.6	161.8
65°	239.9	240.6	237.5	252.5	255.8	247.9	231.3	233.9	230.7	215.8	189.8
62.5°	247.4	254.2	265.9	293.3	301.7	295.4	280.6	290.2	278.3	260.4	228.6
60°	255.9	268.7	301.1	335.6	350.6	346.6	343.3	350.1	338.4	306.4	272.4
57.5°	283.9	289.6	347.6	387.3	404.2	402.3	413.6	420.1	401.4	364.5	317.9
55°	330.0	352.0	416.9	453.3	468.6	463.7	494.7	498.4	469.9	427.2	366.5
52.5°	420.4	470.9	526.8	546.5	548.9	549.9	592.0	582.5	551.2	492.0	427.8
50°	623.2	667.5	697.1	685.5	648.7	680.3	701.3	688.3	636.9	562.8	491.9
47.5°	1051.0	1032.7	956.5	873.3	806.7	834.1	846.5	805.1	726.9	645.4	557.3
45°	1710.0	1557.7	1352.8	1174.6	1033.3	1048.9	1017.4	931.4	843.0	734.7	624.0
42.5°	2426.6	2197.0	1936.1	1516.0	1382.5	1298.9	1207.2	1101.2	966.2	826.9	699.5
40°	3268.0	2872.7	2570.7	2117.8	1754.6	1572.1	1451.5	1289.9	1095.3	927.4	781.6
37.5°	4063.3	3579.3	3201.0	2685.5	2165.0	1917.8	1716.3	1492.0	1233.3	1039.6	864.7
35°	4798.3	4265.6	3738.7	3197.7	2653.9	2264.7	1996.2	1717.4	1394.0	1150.8	948.8
32.5°	5517.3	4898.3	4286.2	3680.7	3103.1	2612.0	2301.0	1916.0	1548.3	1260.8	1033.5
30°	6256.7	5534.4	4831.3	4148.0	3521.6	2998.8	2575.9	2102.1	1695.7	1369.2	1120.1
27.5°	6999.0	6162.1	5378.1	4629.4	3937.0	3353.1	2785.9	2275.6	1836.1	1482.5	1210.4
25°	7759.9	6823.8	5942.3	5110.6	4335.4	3625.7	2987.4	2437.1	1979.3	1601.9	1298.3
22.5°	8533.4	7494.8	6491.5	5579.5	4666.1	3900.4	3198.5	2606.9	2117.6	1714.8	1383.5
20°	9261.5	8155.8	7005.4	5955.9	4992.8	4184.7	3423.0	2767.1	2245.0	1821.1	1465.7
17.5°	9963.4	8750.4	7461.8	6324.4	5309.2	4446.0	3641.9	2917.1	2361.6	1920.6	1544.5
15°	10690.0	9271.4	7903.4	6663.2	5597.9	4684.2	3852.8	3056.2	2467.6	2013.2	1610.8
12.5°	11340.3	9777.6	8315.7	6970.8	5858.2	4899.2	4053.3	3183.8	2563.0	2094.8	1662.5
10°	11919.2	10260.3	8693.9	7245.7	6089.4	5091.1	4240.8	3313.8	2675.1	2168.1	1710.5
7.5°	12425.8	10710.1	9032.9	7486.2	6293.3	5250.5	4382.8	3461.8	2786.1	2236.0	1754.3
5°	12842.4	11082.3	9358.6	7763.9	6481.9	5380.0	4491.7	3597.3	2890.8	2297.7	1793.3
2.5°	13114.2	11335.8	9650.2	8021.9	6643.4	5489.4	4574.3	3719.2	2987.2	2352.5	1826.8
0°	13314.9	11522.4	9886.9	8242.6	6774.8	5576.8	4634.7	3826.7	3073.3	2399.4	1854.2
-2.5°	13573.4	11705.1	10034.6	8417.5	6958.4	5731.9	4737.2	3894.7	3133.7	2457.9	1899.8
-5°	13751.5	11824.7	10130.8	8549.0	7106.9	5859.5	4819.2	3947.1	3182.1	2507.4	1938.2
-7.5°	13876.0	11921.3	10195.1	8636.3	7218.3	5956.0	4878.6	3983.8	3218.6	2547.3	1969.3
-10°	13923.8	11973.4	10229.7	8662.1	7253.4	6001.7	4913.7	4004.6	3243.4	2577.3	1992.5
-12.5°	13885.9	11948.5	10203.1	8641.1	7242.6	6000.7	4927.0	4021.0	3257.3	2597.0	2007.6
-15°	13761.7	11843.8	10113.2	8572.5	7192.2	5969.9	4918.2	4024.9	3263.0	2603.8	2014.2
-17.5°	13540.2	11657.0	9958.7	8456.0	7101.7	5909.3	4887.4	4010.0	3254.5	2596.2	2009.5
-20°	13227.3	11411.8	9747.8	8291.6	6970.6	5818.7	4834.6	3975.7	3231.3	2577.2	1994.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	12853.6	11133.0	9545.5	8106.4	6817.6	5698.4	4759.9	3921.9	3193.1	2546.5	1971.9
-25°	12416.1	10806.6	9289.7	7904.6	6657.4	5592.2	4674.0	3848.2	3139.8	2503.8	1941.2
-27.5°	11982.6	10443.7	8975.9	7662.7	6486.8	5463.1	4576.0	3775.9	3075.3	2449.1	1902.6
-30°	11528.4	10048.6	8658.0	7397.9	6282.4	5316.4	4454.9	3686.5	3004.1	2391.6	1856.1
-32.5°	10998.4	9591.4	8311.9	7140.9	6078.5	5139.2	4311.2	3579.2	2918.4	2330.1	1811.7
-35°	10416.4	9131.4	7932.3	6848.1	5851.3	4959.2	4157.5	3454.0	2818.3	2259.5	1763.7
-37.5°	9797.6	8641.9	7576.6	6538.1	5586.0	4753.4	4002.9	3324.1	2703.8	2180.1	1709.0
-40°	9221.4	8138.5	7150.0	6209.7	5322.0	4522.3	3828.9	3187.4	2596.6	2092.0	1647.9
-42.5°	8605.8	7634.2	6714.4	5834.4	5042.2	4309.1	3639.4	3037.7	2490.3	2008.4	1580.4
-45°	8016.0	7109.1	6258.6	5480.8	4744.5	4076.2	3459.5	2879.4	2371.3	1923.8	1511.4
-47.5°	7402.0	6586.5	5816.7	5101.9	4463.8	3834.4	3266.2	2730.2	2239.9	1832.0	1442.4
-50°	6808.2	6068.5	5377.6	4742.8	4149.7	3607.4	3064.9	2565.9	2122.1	1729.3	1366.5
-52.5°	6209.5	5565.0	4951.5	4377.3	3858.1	3366.9	2863.0	2390.8	1993.9	1625.5	1284.1
-55°	5626.1	5080.4	4530.7	4027.2	3558.2	3112.5	2645.0	2233.1	1855.9	1517.1	1197.2
-57.5°	5081.6	4597.1	4129.1	3678.5	3250.1	2837.4	2438.8	2064.4	1719.1	1401.6	1119.7
-60°	4544.3	4142.6	3728.2	3324.9	2933.1	2572.8	2235.5	1890.7	1577.2	1283.7	1035.0
-62.5°	4050.3	3687.8	3330.8	2963.8	2631.3	2323.3	2024.6	1719.1	1427.6	1176.7	944.8
-65°	3568.9	3250.2	2927.6	2632.5	2344.5	2071.3	1816.6	1539.1	1291.3	1064.5	856.7
-67.5°	3098.8	2833.7	2570.4	2306.4	2066.4	1832.6	1599.3	1372.7	1154.5	947.4	781.1
-70°	2673.1	2437.8	2221.7	2011.7	1799.9	1592.9	1405.1	1208.8	1012.4	853.5	702.6
-72.5°	2267.6	2083.8	1901.9	1719.4	1549.8	1380.6	1212.1	1047.3	899.2	757.1	621.4
-75°	1886.9	1744.7	1605.6	1463.1	1313.5	1166.4	1040.1	914.1	783.4	657.9	553.0
-77.5°	1555.8	1438.7	1322.1	1213.7	1100.1	989.9	883.3	777.6	671.8	577.5	488.0
-80°	1247.4	1162.4	1077.5	991.4	899.4	810.6	735.8	660.5	577.1	497.4	421.5
-82.5°	965.1	907.2	851.3	794.0	731.8	670.1	609.1	548.2	480.6	415.7	365.7
-85°	758.7	714.3	669.2	623.4	575.5	528.2	493.2	457.8	415.8	374.2	333.0
-87.5°	614.7	586.1	557.3	528.2	498.0	467.7	437.2	406.5	370.7	335.1	299.7
-90°	11.0	11.5	11.9	12.3	12.3	12.3	12.3	12.3	12.8	13.2	13.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	236.4	195.8	155.3	114.7	74.1	43.2	12.3
87.5°	22.3	21.6	20.7	19.5	17.9	15.7	12.3
85°	30.6	29.2	27.3	24.8	21.8	18.1	12.3
82.5°	38.8	36.8	33.9	30.1	25.6	20.6	12.3
80°	48.0	44.3	40.5	35.5	29.5	23.0	12.3
77.5°	63.9	54.9	47.0	40.8	33.4	25.5	12.3
75°	80.2	71.2	55.2	46.1	37.3	27.9	12.3
72.5°	96.8	87.7	70.5	51.4	41.2	30.3	12.3
70°	115.3	104.5	85.9	58.1	45.1	32.7	12.3
67.5°	143.4	121.6	101.4	71.2	49.1	35.1	12.3
65°	172.4	143.9	117.0	84.1	53.1	37.5	12.3
62.5°	202.1	171.6	132.8	97.1	57.2	39.8	12.3
60°	232.8	199.7	148.6	110.0	61.2	42.2	12.3
57.5°	274.9	228.2	172.8	122.9	70.6	44.5	12.3
55°	319.3	257.2	197.4	135.7	79.9	46.7	12.3
52.5°	364.4	288.3	222.2	148.4	89.1	49.0	12.3
50°	410.4	327.9	246.9	161.1	98.1	51.2	12.3
47.5°	458.7	367.7	271.7	175.2	107.0	53.3	12.3
45°	516.5	407.6	296.5	193.9	115.6	55.4	12.3
42.5°	574.6	447.6	321.2	212.3	124.1	57.5	12.3
40°	633.1	487.7	349.2	230.5	132.3	59.5	12.3
37.5°	691.7	527.6	380.3	248.2	140.3	61.5	12.3
35°	750.4	572.2	410.9	265.4	148.0	63.4	12.3
32.5°	812.1	618.8	440.8	281.9	155.4	65.3	12.3
30°	880.7	664.6	470.1	297.8	162.6	67.0	12.3
27.5°	948.6	709.4	496.8	313.0	169.4	68.7	12.3
25°	1015.3	753.1	522.0	327.4	176.0	70.4	12.3
22.5°	1080.6	793.4	545.9	341.0	182.1	71.9	12.3
20°	1144.1	827.0	568.3	353.8	187.9	73.4	12.3
17.5°	1193.9	858.0	589.3	365.8	193.3	74.7	12.3
15°	1232.7	886.4	608.7	376.8	198.3	76.0	12.3
12.5°	1267.0	912.1	626.5	386.9	202.9	77.1	12.3
10°	1296.7	935.1	642.5	396.0	207.0	78.2	12.3
7.5°	1321.9	955.3	656.7	404.0	210.7	79.1	12.3
5°	1342.6	972.7	669.1	411.0	213.9	79.9	12.3
2.5°	1358.9	987.1	679.6	416.9	216.6	80.6	12.3
0°	1370.8	998.6	688.1	421.7	218.8	81.2	12.3
-2.5°	1403.8	1017.2	699.3	428.1	222.2	82.8	12.3
-5°	1431.9	1032.6	708.4	433.2	225.0	84.2	12.3
-7.5°	1454.9	1044.7	715.3	437.2	227.3	85.6	12.3
-10°	1472.1	1053.3	719.9	439.8	229.0	86.7	12.3
-12.5°	1483.3	1058.3	722.1	441.2	230.2	87.7	12.3
-15°	1488.1	1059.4	721.8	441.2	230.8	88.6	12.3
-17.5°	1486.2	1056.7	719.1	439.9	230.8	89.3	12.3
-20°	1478.0	1049.9	713.8	437.2	230.3	89.9	12.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1465.0	1039.1	705.8	433.1	229.2	90.3	12.3
-25°	1446.2	1028.4	695.3	427.7	227.5	90.5	12.3
-27.5°	1421.7	1015.2	682.1	420.8	225.3	90.6	12.3
-30°	1391.6	997.6	666.7	412.5	222.4	90.5	12.3
-32.5°	1355.7	975.5	652.7	402.8	219.0	90.2	12.3
-35°	1322.3	949.0	635.9	391.7	215.1	89.8	12.3
-37.5°	1286.5	920.6	616.2	379.3	210.6	89.2	12.3
-40°	1244.9	893.2	593.8	365.5	205.5	88.4	12.3
-42.5°	1197.6	862.1	572.9	351.2	199.9	87.5	12.3
-45°	1144.6	827.2	554.2	337.1	193.8	86.4	12.3
-47.5°	1086.1	788.7	533.2	321.5	187.2	85.1	12.3
-50°	1033.0	746.7	510.1	310.5	180.0	83.7	12.3
-52.5°	977.2	701.2	484.8	300.3	172.4	82.1	12.3
-55°	917.0	663.7	457.6	288.9	164.3	80.4	12.3
-57.5°	852.6	625.7	428.3	276.5	155.7	78.5	12.3
-60°	786.4	585.1	397.8	263.0	146.8	76.5	12.3
-62.5°	732.2	542.0	376.7	248.5	142.2	74.4	12.3
-65°	675.1	496.6	354.0	233.0	137.2	72.1	12.3
-67.5°	615.0	456.3	330.0	216.7	132.0	69.7	12.3
-70°	552.3	421.6	304.7	199.5	126.5	67.1	12.3
-72.5°	502.5	385.2	278.2	188.8	120.7	64.5	12.3
-75°	452.8	347.3	250.6	179.4	114.6	61.7	12.3
-77.5°	401.4	307.9	233.8	169.5	108.3	58.9	12.3
-80°	348.3	281.0	219.0	159.2	101.8	55.9	12.3
-82.5°	318.9	260.5	203.7	148.5	95.2	52.8	12.3
-85°	292.0	239.5	188.0	137.5	88.3	49.7	12.3
-87.5°	264.5	217.9	171.8	126.2	81.3	46.5	12.3
-90°	14.1	14.1	14.1	14.1	14.1	13.2	12.3

(END OF REPORT)