

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: P1306273 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

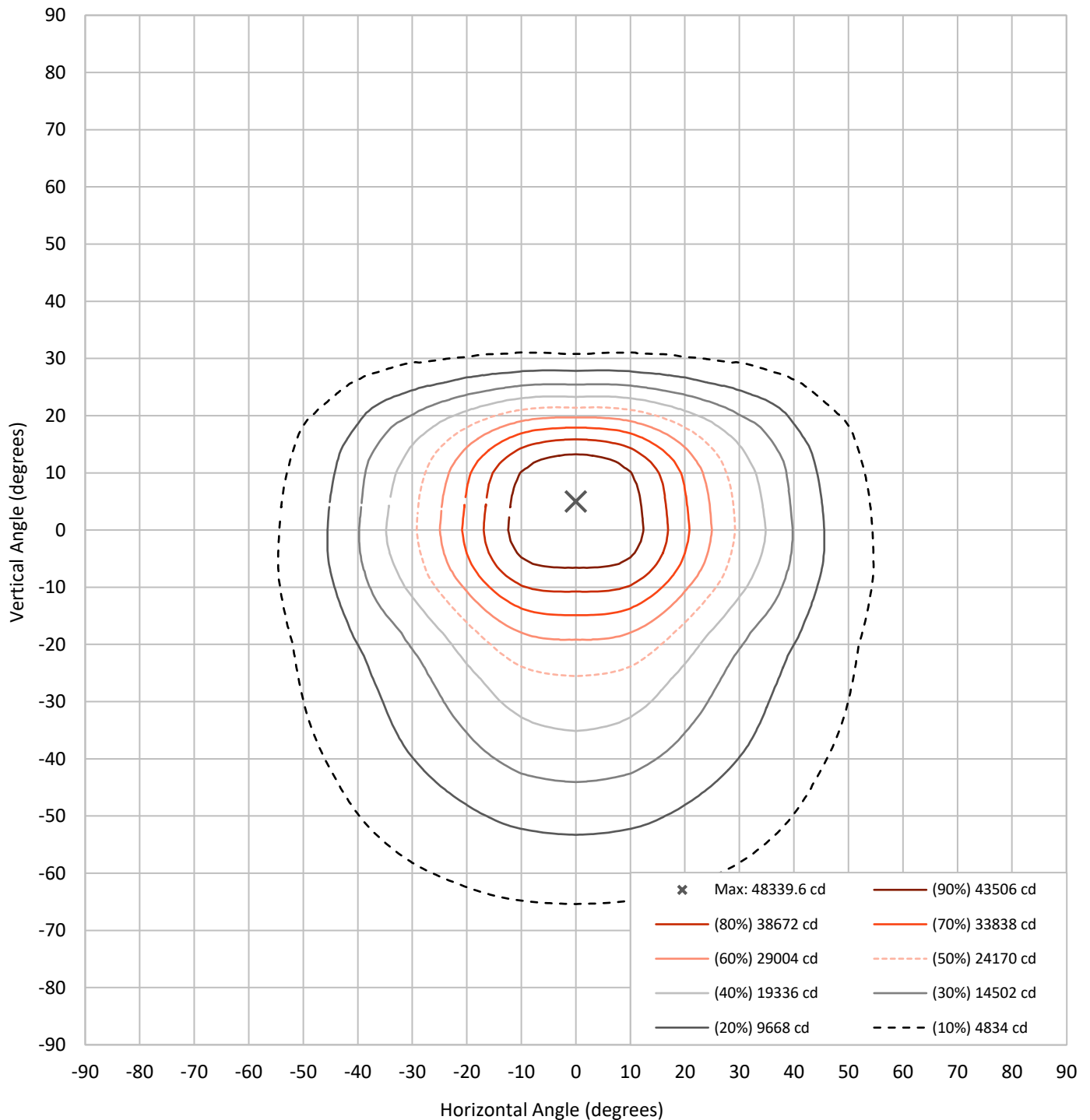
Test Method: LM-79-08
Report Number: P1306273 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	47364.6 lumens	Max Intensity:	48339.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	85.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	22781.4 lumens	Field Lumens:	43908.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	554		
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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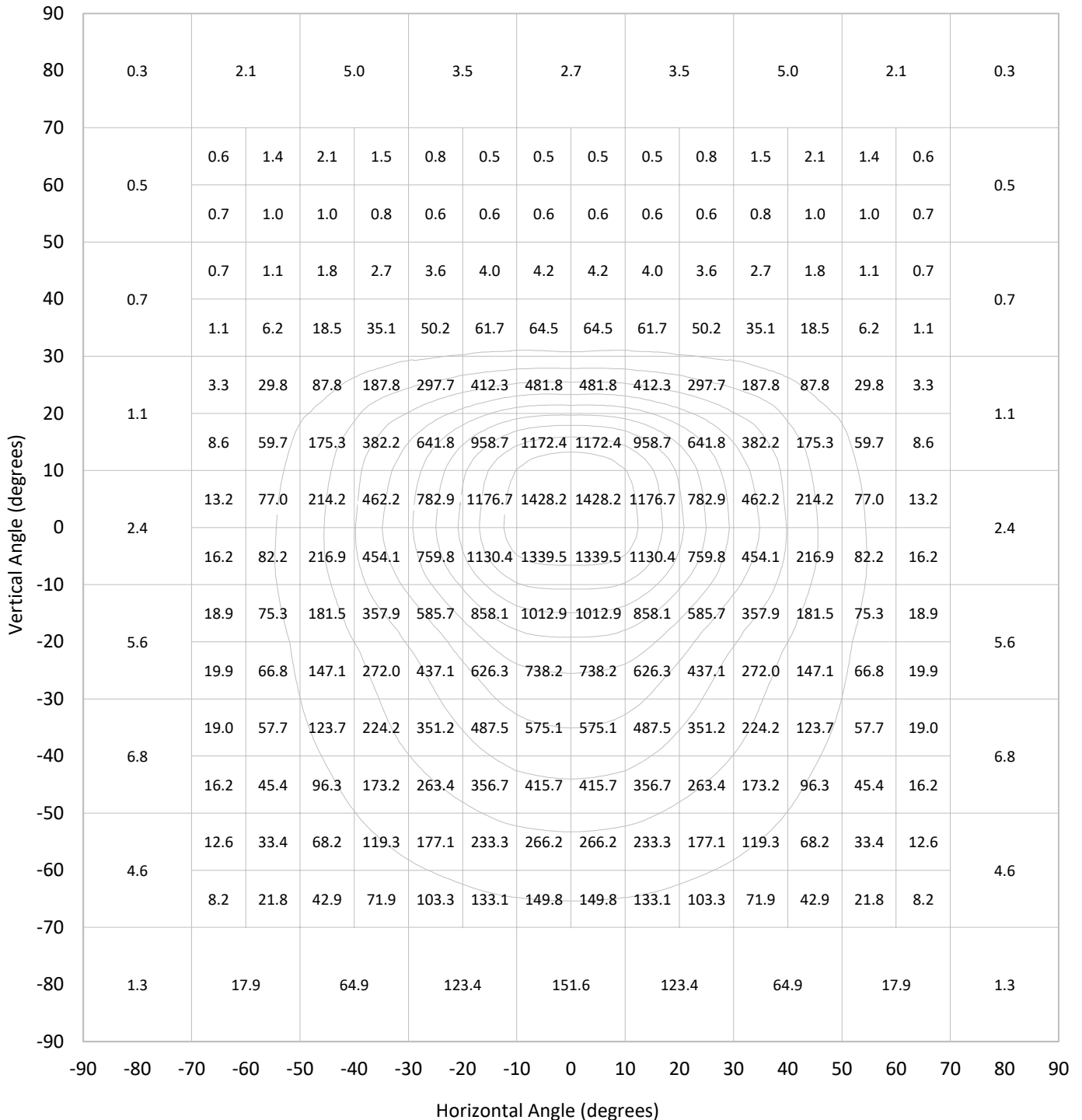
Iso-Candela Plot





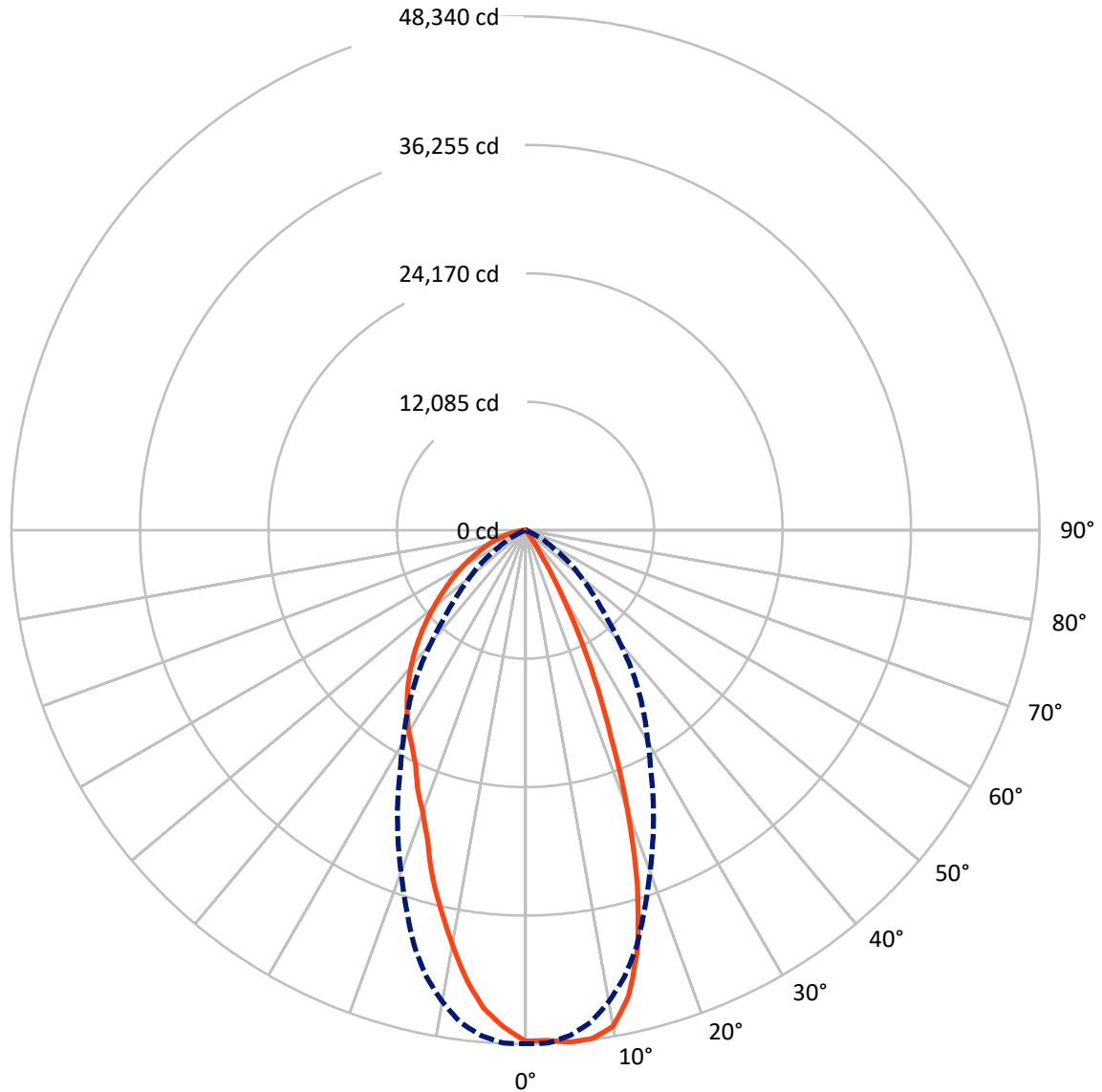
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Lumen Table



REPORT NUMBER: P1306273 (CONVERTED FROM TYPE C PHOTOMETRY)
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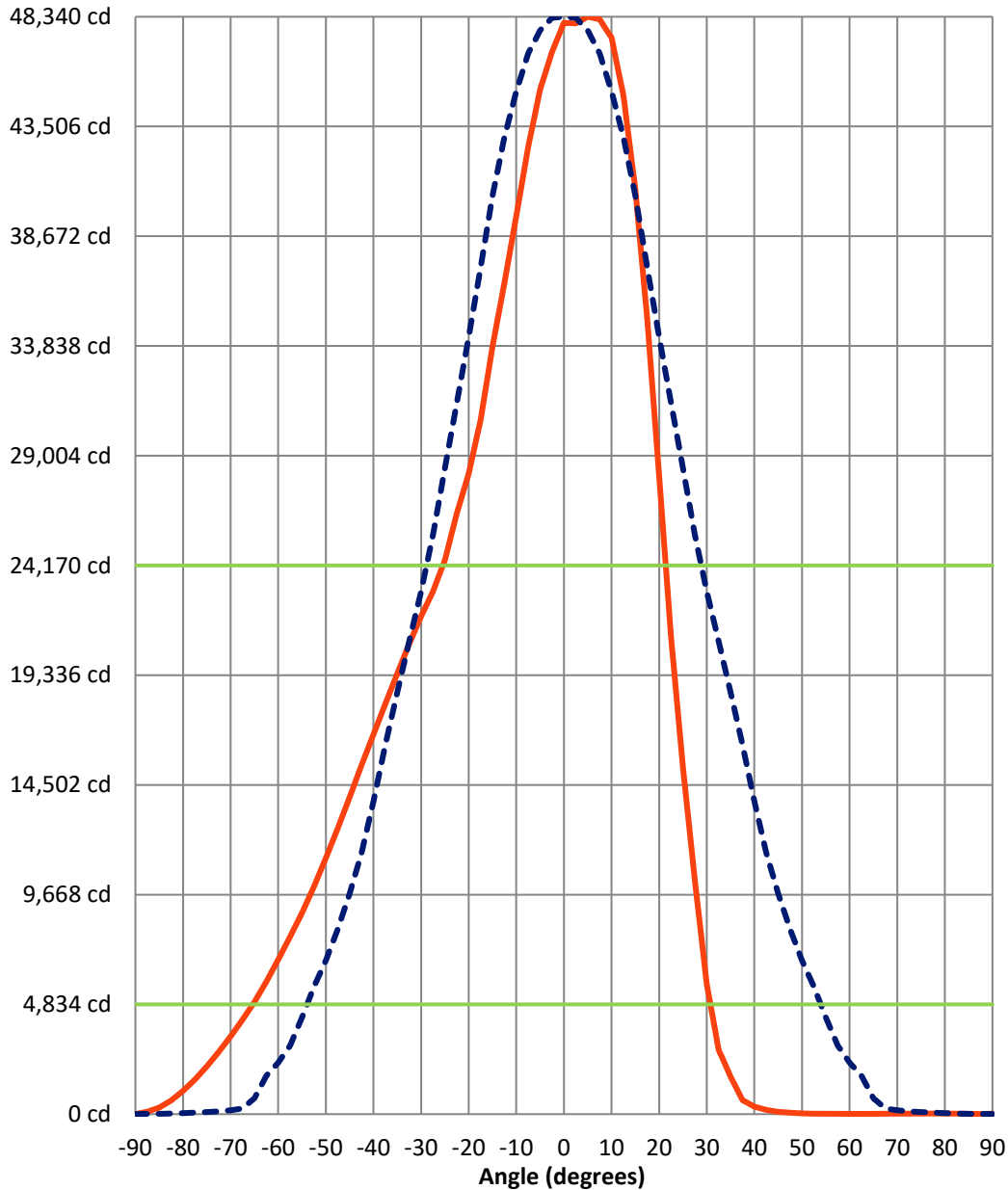
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 22781.4
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 43908.4
 Efficiency: 92.7%

Spill:
 Lumens: 3456.2
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-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°	6.6	7.5	8.3	8.7	9.1	9.5	9.9	10.3	10.8	11.2	11.6
87.5°	6.6	7.7	8.9	9.0	9.2	9.5	10.0	9.9	9.8	9.5	9.2
85°	6.6	8.0	9.4	10.0	10.9	12.0	13.5	13.7	13.8	13.7	13.4
82.5°	6.6	8.2	10.0	11.1	12.6	14.5	16.9	17.5	17.8	18.7	20.6
80°	6.6	8.4	10.6	12.2	14.3	17.0	19.9	20.2	21.8	24.9	29.3
77.5°	6.6	8.7	11.1	13.2	15.9	18.6	20.6	22.4	25.7	30.9	36.0
75°	6.6	8.9	11.6	14.2	17.3	19.0	21.3	24.3	29.1	33.1	37.1
72.5°	6.6	9.1	12.1	15.2	17.3	19.3	21.9	25.7	29.9	34.0	38.2
70°	6.6	9.4	12.6	15.9	17.3	19.5	22.5	26.4	30.6	34.9	40.2
67.5°	6.6	9.6	13.1	15.8	17.3	19.6	23.1	27.0	31.3	36.8	42.3
65°	6.6	9.8	13.6	15.6	17.2	20.0	23.8	27.5	33.0	38.7	44.7
62.5°	6.6	10.0	14.0	15.4	17.1	20.7	24.4	28.6	34.5	40.6	47.6
60°	6.6	10.2	14.5	15.2	16.9	21.4	25.1	29.9	36.0	42.8	50.3
57.5°	6.6	10.4	14.3	15.0	17.5	22.0	26.4	31.2	37.6	44.8	51.6
55°	6.6	10.5	14.2	14.7	18.1	22.7	27.7	32.7	39.0	46.4	52.4
52.5°	6.6	10.7	14.1	14.5	18.6	23.4	29.0	34.3	40.3	47.2	53.2
50°	6.6	10.9	14.0	14.1	19.2	24.5	30.2	36.1	41.3	48.1	53.5
47.5°	6.6	11.0	13.9	14.0	19.7	25.5	31.5	38.1	42.1	49.0	54.4
45°	6.6	11.1	13.9	14.4	20.2	26.5	33.4	40.2	44.5	50.7	56.1
42.5°	6.6	11.3	13.8	14.8	20.7	27.4	35.3	42.6	47.3	53.0	58.9
40°	6.6	11.4	13.8	15.4	21.3	28.3	37.3	45.2	50.8	56.1	62.6
37.5°	6.6	11.5	13.8	16.1	22.0	29.2	39.4	48.1	55.3	61.6	67.2
35°	6.6	11.6	13.8	16.9	22.6	30.5	41.5	51.2	60.0	68.2	73.7
32.5°	6.6	11.6	13.8	17.8	23.2	32.1	43.8	54.5	65.0	75.6	86.0
30°	6.6	11.7	13.9	18.6	23.7	33.7	46.4	58.1	70.1	83.7	100.0
27.5°	6.6	11.8	13.9	19.5	25.4	35.3	49.0	62.3	76.0	92.5	115.8
25°	6.6	11.8	14.0	20.4	27.3	36.9	51.6	66.5	83.1	104.3	134.8
22.5°	6.6	11.8	14.1	21.2	29.4	39.1	54.3	70.7	90.4	118.1	197.8
20°	6.6	11.8	14.2	22.1	31.4	43.4	56.9	74.9	98.0	132.5	268.4
17.5°	6.6	11.9	14.2	23.0	33.6	47.6	61.8	79.0	105.6	147.3	344.8
15°	6.6	11.8	14.3	23.9	35.8	52.0	68.0	85.2	113.3	162.4	425.3
12.5°	6.6	11.8	14.4	24.7	37.9	56.3	74.2	94.3	125.2	177.5	507.6
10°	6.6	11.8	14.5	25.5	40.1	60.5	80.3	103.3	140.4	200.7	585.3
7.5°	6.6	11.8	14.6	26.3	42.2	64.7	86.2	112.3	155.7	224.8	648.4
5°	6.6	11.7	14.7	27.0	44.2	68.7	91.9	121.0	170.6	248.2	703.5
2.5°	6.6	11.7	14.8	27.6	46.2	72.6	97.4	129.4	185.1	270.6	749.9
0°	6.6	11.6	14.9	28.2	48.0	76.2	102.7	137.5	198.8	291.6	786.9
-2.5°	6.6	11.8	16.1	31.6	55.8	91.1	128.5	180.8	266.3	390.0	889.6
-5°	6.6	12.0	17.2	35.0	63.4	105.5	153.6	222.9	331.8	485.3	982.3
-7.5°	6.6	12.2	18.3	38.2	70.6	119.4	177.8	263.4	394.3	576.1	1064.9
-10°	6.6	12.4	19.3	41.2	77.4	132.4	200.7	301.4	452.9	660.9	1137.4
-12.5°	6.6	12.5	20.3	43.9	83.7	144.4	222.0	336.5	506.6	738.6	1205.0
-15°	6.6	12.7	21.3	46.5	89.4	155.3	241.4	368.1	557.5	808.7	1262.9
-17.5°	6.6	12.8	22.1	48.7	94.5	164.9	258.7	401.9	606.6	870.8	1307.7
-20°	6.6	12.9	22.9	50.6	98.8	173.1	277.5	436.5	649.9	923.9	1338.9



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 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.6	13.0	23.6	52.2	102.4	179.7	300.1	466.5	687.0	967.5	1356.1
-25°	6.6	13.1	24.2	53.4	105.0	189.9	319.3	491.7	717.3	1000.9	1359.1
-27.5°	6.6	13.1	24.7	54.3	106.8	200.1	334.9	511.8	740.6	1027.3	1391.3
-30°	6.6	13.1	25.1	54.7	108.1	208.1	346.7	526.6	760.6	1050.8	1411.6
-32.5°	6.6	13.1	25.3	54.7	112.1	213.6	354.6	539.1	775.5	1064.8	1417.8
-35°	6.6	13.1	25.5	54.3	114.8	216.7	360.3	547.1	782.9	1069.0	1409.5
-37.5°	6.6	13.1	25.5	53.4	116.0	218.2	362.9	549.2	782.6	1063.4	1367.8
-40°	6.6	13.0	25.4	52.0	115.7	219.0	361.9	545.5	774.6	1053.5	1323.9
-42.5°	6.6	12.9	25.2	50.9	115.1	217.4	357.0	535.7	762.3	1017.6	1271.6
-45°	6.6	12.8	24.8	50.2	114.4	213.5	348.4	522.4	744.0	972.4	1212.7
-47.5°	6.6	12.6	24.4	48.9	112.5	207.1	336.0	507.0	717.5	921.0	1154.0
-50°	6.6	12.5	23.8	48.5	109.3	198.4	323.7	486.6	673.1	869.5	1088.0
-52.5°	6.6	12.3	23.0	48.0	104.9	187.4	308.7	461.2	629.8	812.2	1015.5
-55°	6.6	12.1	22.2	47.0	99.3	178.1	290.4	431.7	584.6	749.2	942.6
-57.5°	6.6	11.9	21.2	45.4	92.6	167.8	268.9	403.2	535.0	688.1	863.4
-60°	6.6	11.6	20.2	43.3	85.0	155.7	245.4	367.3	483.1	623.9	781.2
-62.5°	6.6	11.3	19.4	40.8	79.6	142.0	225.7	327.4	434.6	555.0	699.9
-65°	6.6	11.1	18.6	37.8	73.5	126.8	203.8	288.1	383.2	491.2	613.2
-67.5°	6.6	10.7	17.8	34.3	66.6	112.7	179.9	254.2	329.0	426.4	532.5
-70°	6.6	10.4	16.9	30.5	58.9	99.9	154.1	218.6	285.0	358.5	452.5
-72.5°	6.6	10.1	15.9	27.9	50.6	86.1	132.6	181.6	239.4	303.2	372.8
-75°	6.6	9.7	14.9	25.5	41.8	71.4	110.6	149.3	192.2	246.3	305.4
-77.5°	6.6	9.4	13.9	23.0	36.1	55.9	87.5	118.2	152.3	190.6	236.0
-80°	6.6	9.0	12.8	20.3	31.0	44.9	63.4	86.3	112.2	141.6	174.3
-82.5°	6.6	8.6	11.7	17.5	25.7	36.3	49.3	59.4	71.4	91.6	114.3
-85°	6.6	8.2	10.6	14.6	20.2	27.5	36.4	43.1	50.3	58.0	66.0
-87.5°	6.6	7.8	9.4	11.7	14.7	18.5	23.2	26.8	30.6	34.6	38.9
-90°	6.6	7.5	8.3	7.9	7.5	7.0	6.6	6.2	5.8	5.4	5.0



REPORT NUMBER: P1306273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.6	11.6	11.6	11.6	12.0	12.5	12.9	13.3	14.1	15.0	15.8
87.5°	9.8	10.4	11.0	11.6	10.8	9.8	8.6	7.3	7.7	8.1	8.6
85°	14.5	15.7	17.2	18.3	17.5	16.8	16.2	15.9	16.7	17.5	18.0
82.5°	22.6	24.0	24.8	25.0	25.5	26.3	27.7	30.6	32.6	33.8	34.5
80°	31.5	32.5	33.2	35.4	39.3	44.0	49.1	54.8	56.7	56.8	56.2
77.5°	37.0	39.0	42.9	48.7	55.2	61.7	69.0	76.8	79.1	78.4	76.9
75°	40.2	45.0	51.8	60.2	68.8	77.6	87.0	95.8	98.3	95.5	91.8
72.5°	43.3	50.5	59.6	70.5	79.9	89.0	99.1	110.2	114.1	108.4	101.8
70°	46.4	55.5	65.9	76.6	87.3	97.7	107.5	118.2	124.5	115.7	102.2
67.5°	49.1	59.6	70.6	81.6	91.4	101.5	112.6	117.1	120.0	105.8	90.6
65°	52.1	63.3	73.3	83.1	93.5	97.7	101.3	105.2	104.6	88.4	72.2
62.5°	55.2	64.3	73.9	81.7	84.2	86.7	86.7	84.2	80.3	69.1	55.2
60°	56.3	64.2	70.8	73.4	74.1	71.7	68.6	65.4	60.6	51.2	41.7
57.5°	56.9	61.2	64.3	65.1	62.3	57.5	55.4	50.4	46.3	40.8	33.0
55°	56.6	56.1	57.9	56.4	53.0	49.2	45.3	42.1	36.9	35.3	31.8
52.5°	55.2	52.7	51.9	50.2	47.8	43.9	40.1	37.5	36.3	34.2	31.4
50°	54.7	51.4	47.5	47.3	45.5	42.6	38.6	38.1	38.1	36.3	32.9
47.5°	55.4	51.5	46.5	46.6	46.8	47.8	44.4	42.9	43.5	48.3	43.1
45°	57.2	55.2	49.9	49.8	54.4	60.6	66.1	50.9	66.2	73.8	79.9
42.5°	60.2	61.1	63.9	54.4	72.0	94.1	104.7	110.1	104.4	128.6	153.6
40°	66.8	69.2	87.7	95.0	102.5	148.3	211.8	226.6	172.2	239.5	281.1
37.5°	75.0	98.5	130.7	169.5	166.0	261.7	361.1	437.5	429.9	406.6	582.2
35°	84.5	134.5	221.3	308.0	346.0	436.6	620.2	753.1	832.2	880.0	1024.6
32.5°	110.5	177.3	334.6	518.8	677.3	767.1	940.5	1231.9	1507.6	1672.2	1670.6
30°	156.2	282.4	494.6	777.5	1085.7	1338.4	1481.7	1856.2	2381.7	2755.5	3004.5
27.5°	223.7	410.2	741.3	1151.1	1582.9	2012.1	2298.0	2784.6	3491.8	4061.4	4593.4
25°	306.2	613.2	1019.2	1595.5	2230.4	2775.5	3187.0	3863.3	4759.3	5652.7	6542.8
22.5°	437.6	849.0	1327.6	2081.3	2945.0	3564.6	4168.9	4993.3	6029.6	7283.7	8641.0
20°	620.7	1123.3	1656.9	2462.6	3659.7	4367.8	5109.8	6093.7	7302.3	8826.7	10638.7
17.5°	818.5	1382.3	1979.9	2878.0	4046.0	5027.3	6023.6	7144.8	8499.3	10267.6	12219.6
15°	1026.5	1625.9	2268.4	3248.9	4407.6	5467.8	6646.6	8105.0	9702.3	11614.6	13656.5
12.5°	1239.9	1854.0	2524.0	3575.6	4752.8	5866.9	7124.1	8640.8	10499.0	12742.2	14885.7
10°	1453.2	2066.5	2748.7	3858.7	5076.6	6223.8	7534.2	9086.0	10976.5	13224.0	15540.8
7.5°	1584.0	2206.7	2932.3	4099.1	5373.6	6537.6	7878.4	9443.6	11307.3	13568.4	15956.2
5°	1682.9	2269.8	3027.8	4262.9	5608.4	6770.2	8147.0	9717.6	11506.4	13778.3	16271.7
2.5°	1759.9	2316.2	3104.0	4384.7	5785.9	6896.5	8306.8	9893.0	11714.0	14039.2	16590.2
0°	1814.1	2347.6	3159.4	4468.2	5919.4	6978.1	8411.1	9998.3	11858.8	14266.0	16873.6
-2.5°	1866.9	2444.6	3271.9	4574.7	5938.7	6990.2	8450.8	10002.6	11858.7	14222.0	16756.1
-5°	1900.0	2525.4	3360.8	4641.8	5919.0	6965.2	8428.9	9942.5	11729.5	13964.1	16320.7
-7.5°	1917.2	2587.2	3424.9	4651.9	5816.7	6818.2	8165.5	9588.3	11302.9	13396.9	15569.7
-10°	1926.3	2624.5	3418.1	4511.8	5604.4	6582.0	7813.7	9176.8	10792.0	12739.2	14749.6
-12.5°	1951.7	2644.6	3387.1	4359.0	5373.8	6315.0	7423.5	8714.4	10199.3	12003.7	13848.2
-15°	1965.3	2654.9	3344.1	4201.2	5131.4	6019.2	7001.2	8205.5	9557.3	11171.3	12807.9
-17.5°	1969.2	2656.7	3291.6	4045.9	4883.2	5696.8	6585.7	7769.4	9000.2	10394.0	11789.7
-20°	1964.9	2651.8	3232.2	3899.6	4639.1	5462.5	6360.0	7392.6	8494.4	9673.0	10835.8



REPORT NUMBER: P1306273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1954.0	2641.4	3182.1	3795.8	4521.9	5309.1	6134.6	7028.1	7976.2	8999.6	10178.9
-25°	1948.6	2603.5	3148.6	3722.4	4408.5	5147.7	5897.6	6691.5	7518.0	8589.9	9714.6
-27.5°	1940.0	2563.4	3082.9	3620.5	4277.2	4984.6	5688.0	6412.6	7261.2	8224.1	9267.9
-30°	1914.4	2466.5	2993.4	3501.2	4138.4	4819.9	5491.6	6180.4	6983.3	7891.2	8859.5
-32.5°	1842.4	2356.5	2874.6	3384.7	3971.2	4639.3	5288.8	5956.7	6701.6	7515.0	8446.6
-35°	1761.8	2243.1	2741.3	3240.1	3776.0	4420.4	5052.3	5697.8	6389.3	7152.4	8020.9
-37.5°	1703.1	2121.2	2598.5	3077.2	3591.6	4164.1	4783.8	5405.1	6059.7	6787.0	7608.4
-40°	1633.2	1991.4	2453.7	2911.9	3380.0	3907.9	4486.8	5083.2	5697.8	6423.0	7175.8
-42.5°	1555.1	1901.0	2303.6	2736.6	3178.1	3657.8	4174.5	4741.9	5358.5	6033.2	6740.0
-45°	1487.6	1799.4	2153.4	2558.6	2968.7	3403.4	3882.5	4389.9	4999.0	5626.7	6283.0
-47.5°	1410.9	1693.3	2026.2	2370.5	2756.8	3157.6	3581.4	4075.5	4616.6	5204.4	5806.5
-50°	1327.9	1597.0	1881.0	2201.1	2543.6	2910.4	3297.3	3748.2	4242.1	4767.2	5321.2
-52.5°	1244.5	1490.9	1752.3	2031.1	2342.0	2671.6	3030.0	3431.6	3868.6	4328.8	4817.7
-55°	1153.0	1383.2	1621.1	1873.8	2145.0	2444.2	2764.6	3123.6	3499.3	3916.5	4327.7
-57.5°	1059.0	1267.2	1486.6	1720.6	1964.4	2218.8	2509.2	2813.2	3152.8	3509.4	3872.2
-60°	960.9	1147.4	1346.2	1561.4	1787.9	2017.0	2252.3	2521.7	2809.9	3106.3	3430.6
-62.5°	858.0	1025.4	1203.2	1394.0	1601.2	1808.6	2019.6	2242.4	2476.0	2742.1	3012.7
-65°	756.0	900.2	1058.4	1228.2	1405.7	1592.0	1781.1	1972.0	2176.3	2395.6	2623.4
-67.5°	648.4	778.7	914.8	1058.9	1216.6	1374.6	1539.7	1712.3	1885.9	2063.6	2250.7
-70°	551.6	654.9	773.5	899.3	1026.6	1156.1	1298.8	1446.9	1598.2	1749.3	1904.8
-72.5°	454.0	542.8	637.6	738.0	844.9	951.6	1063.0	1178.5	1301.4	1428.7	1557.8
-75°	365.3	428.3	505.9	589.7	671.3	751.6	835.1	929.1	1026.4	1124.5	1222.3
-77.5°	283.4	333.5	387.6	445.3	502.0	566.5	632.6	700.0	770.4	842.7	916.0
-80°	205.1	236.9	276.7	319.8	361.0	402.7	445.6	489.5	535.4	586.1	640.8
-82.5°	135.9	158.5	182.2	207.0	230.0	252.8	277.2	307.1	337.2	368.2	399.8
-85°	72.7	79.4	93.4	108.1	122.8	137.4	152.1	166.7	181.7	196.3	210.4
-87.5°	42.2	45.5	49.0	52.4	56.1	59.8	63.5	67.2	72.1	77.1	82.1
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.6	17.0	17.4	17.8	18.2	18.6	19.1	19.5	19.9	20.3	20.7
87.5°	9.0	8.4	7.7	7.0	6.3	8.3	10.3	12.4	14.5	13.4	12.3
85°	18.4	18.5	18.6	18.7	18.7	20.9	23.1	25.2	27.3	25.2	22.9
82.5°	34.7	34.1	32.9	31.2	28.9	28.4	27.7	26.6	25.3	24.2	23.2
80°	54.9	52.2	48.6	44.3	39.5	37.1	34.8	32.2	29.4	28.6	27.9
77.5°	73.9	68.8	62.7	56.1	49.1	44.7	40.7	36.4	31.9	30.6	29.8
75°	87.3	80.7	72.0	62.7	52.9	46.0	40.6	35.2	29.9	28.6	28.4
72.5°	94.2	85.2	74.1	61.0	48.5	40.3	35.2	30.7	26.6	25.2	24.6
70°	88.6	74.9	62.1	50.1	39.0	31.6	28.0	24.8	22.0	21.3	21.7
67.5°	74.8	61.0	49.4	39.1	30.2	24.2	22.1	20.4	19.1	18.7	18.6
65°	58.5	46.8	37.4	29.5	23.2	19.5	18.8	18.1	17.4	16.8	16.3
62.5°	43.1	34.3	28.3	23.8	20.4	18.2	17.6	16.9	16.1	15.2	14.6
60°	33.6	26.7	23.6	21.7	20.0	18.5	17.9	17.5	17.3	17.0	16.5
57.5°	29.2	25.7	22.9	21.8	20.8	20.1	19.8	19.4	18.9	18.1	17.6
55°	28.5	25.8	23.3	22.7	22.3	21.8	21.2	20.6	20.0	19.3	19.0
52.5°	28.6	27.4	25.5	24.7	25.1	24.4	23.0	23.7	23.9	23.2	22.8
50°	32.3	32.6	33.0	30.2	33.1	34.3	32.6	34.0	36.1	36.3	36.2
47.5°	45.7	48.8	52.8	49.7	53.3	58.8	58.3	58.8	63.7	64.4	64.2
45°	73.0	86.2	92.4	96.0	94.6	107.4	109.9	105.8	112.5	113.8	111.9
42.5°	146.1	153.4	169.9	182.9	175.5	188.7	192.6	180.6	192.3	197.6	191.9
40°	327.1	260.1	308.8	342.5	330.8	305.0	349.6	333.6	332.1	350.7	336.1
37.5°	645.8	573.3	623.2	719.3	715.8	594.9	729.8	721.0	606.1	742.2	730.4
35°	1158.3	1292.5	1232.6	1412.2	1464.2	1491.3	1566.1	1643.4	1558.8	1670.3	1667.4
32.5°	2074.0	2352.3	2475.3	2497.2	2727.8	2915.6	2836.0	3137.3	3118.9	3194.3	3271.2
30°	3274.2	3894.7	4208.7	4216.6	4599.0	4935.5	5042.3	5420.4	5644.0	5606.9	5981.4
27.5°	5224.0	5833.6	6350.8	6792.1	7090.0	7620.8	8359.4	8732.1	9281.6	9497.0	10014.8
25°	7427.1	8184.5	9000.9	9768.9	10399.5	11350.1	12269.4	12849.1	13635.3	14251.4	14877.5
22.5°	9813.8	10818.4	11866.0	13014.8	14187.7	15347.4	16464.1	17535.1	18583.2	19741.0	20448.7
20°	12253.8	13389.4	14664.5	16221.4	17848.7	19247.2	20772.4	22451.7	24057.2	25551.5	26680.2
17.5°	14108.1	15865.3	17246.7	18931.0	20951.8	22922.0	24866.4	27081.0	29123.5	31028.7	32727.8
15°	15524.0	17366.2	19368.3	21401.3	23530.1	25876.0	28550.6	30973.9	33496.9	35737.7	37836.3
12.5°	16758.3	18628.5	20723.7	23094.8	25780.0	28298.5	31101.6	34132.1	36809.1	39441.4	41410.4
10°	17669.2	19746.7	21870.9	24254.9	26993.0	29933.5	32971.3	36034.7	39036.3	41577.3	43692.7
7.5°	18171.7	20378.1	22600.5	25090.1	27905.2	30797.5	33832.1	37030.5	40051.8	42668.7	44611.3
5°	18580.7	20823.8	23020.6	25520.0	28453.2	31326.2	34233.4	37286.1	40449.5	43030.6	45051.7
2.5°	18937.7	21126.3	23269.1	25702.7	28725.5	31611.3	34600.3	37764.8	40823.9	43313.8	45281.2
0°	19247.7	21313.6	23409.4	25821.5	28982.5	31903.3	34844.0	37940.4	41056.7	43482.1	45473.5
-2.5°	19023.5	21049.2	23114.2	25579.9	28594.4	31467.5	34424.8	37560.4	40512.1	42968.8	44899.5
-5°	18438.9	20390.2	22440.7	24900.4	27778.0	30592.2	33510.1	36530.3	39305.0	41761.2	43537.1
-7.5°	17584.3	19494.5	21537.1	23958.1	26635.8	29190.1	31797.9	34597.5	37359.3	39527.9	41219.4
-10°	16634.3	18452.3	20332.3	22461.7	24832.7	27218.4	29614.6	32217.2	34650.6	36686.8	38315.1
-12.5°	15506.4	17121.3	18852.4	20709.6	22886.3	25158.5	27443.6	29723.3	31967.6	33799.2	35274.4
-15°	14288.2	15716.3	17297.2	19093.7	21033.1	23038.2	25099.4	27276.4	29297.7	31003.8	32304.4
-17.5°	13086.4	14365.3	15972.1	17605.4	19172.8	21011.4	23061.3	24861.6	26706.1	28238.2	29387.1
-20°	12067.6	13443.5	14840.6	16236.2	17733.4	19521.0	21259.0	22956.4	24595.5	25990.5	27132.9



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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°	11403.5	12612.3	13804.6	15124.5	16646.6	18224.1	19797.1	21340.3	22823.8	24148.9	25235.5
-25°	10799.6	11822.5	13003.1	14343.4	15628.6	17012.3	18497.6	19787.3	21194.5	22394.6	23324.3
-27.5°	10271.6	11283.9	12442.6	13648.0	14810.5	16057.6	17410.4	18641.4	19907.8	21061.8	21872.9
-30°	9811.9	10860.6	11950.1	13052.9	14147.7	15301.6	16477.3	17667.2	18829.0	19875.4	20655.0
-32.5°	9420.2	10404.0	11425.7	12452.0	13450.2	14501.2	15592.0	16685.8	17762.2	18677.7	19441.1
-35°	8974.8	9916.6	10866.0	11787.7	12712.2	13652.4	14664.6	15688.6	16651.8	17487.6	18232.8
-37.5°	8477.7	9385.2	10251.7	11090.6	11947.7	12817.1	13754.7	14695.4	15580.0	16336.6	17047.1
-40°	7983.1	8809.9	9594.8	10377.8	11163.5	11977.6	12825.7	13668.0	14444.6	15160.1	15822.2
-42.5°	7469.1	8192.9	8907.2	9636.1	10360.9	11095.1	11852.7	12618.7	13310.7	13963.4	14550.3
-45°	6950.5	7571.7	8202.8	8870.5	9532.2	10191.3	10847.2	11493.9	12141.8	12750.0	13245.7
-47.5°	6399.1	6959.6	7532.6	8106.7	8699.7	9301.3	9874.7	10434.4	11006.7	11550.3	11959.8
-50°	5842.6	6361.6	6879.4	7385.3	7909.5	8438.6	8961.0	9453.7	9933.1	10395.4	10715.5
-52.5°	5282.1	5762.0	6236.6	6694.0	7148.9	7599.9	8042.5	8479.6	8899.7	9295.8	9549.7
-55°	4749.8	5177.8	5595.1	5994.6	6396.1	6792.1	7182.5	7564.9	7927.5	8268.1	8463.9
-57.5°	4249.2	4622.0	4987.3	5331.3	5667.3	5993.8	6338.8	6686.2	7012.7	7305.4	7463.2
-60°	3761.4	4097.1	4410.7	4698.2	4986.4	5273.1	5563.8	5850.7	6130.1	6373.3	6509.1
-62.5°	3281.6	3568.6	3835.4	4082.8	4320.8	4557.6	4809.8	5051.8	5282.0	5469.6	5584.8
-65°	2861.3	3104.5	3304.3	3501.2	3696.7	3904.9	4114.4	4314.2	4503.3	4650.3	4747.2
-67.5°	2452.6	2652.6	2818.9	2982.4	3146.0	3311.6	3480.2	3643.6	3800.6	3919.4	4003.7
-70°	2064.1	2215.2	2345.4	2478.5	2614.1	2749.5	2885.0	3015.4	3140.0	3230.6	3298.4
-72.5°	1688.3	1805.1	1906.5	2009.8	2111.7	2216.5	2321.5	2422.3	2518.4	2583.2	2630.8
-75°	1319.6	1404.3	1485.6	1564.4	1640.4	1718.3	1795.6	1869.4	1939.2	1988.4	2027.5
-77.5°	993.5	1053.6	1106.7	1158.6	1209.2	1263.4	1316.3	1366.3	1413.0	1447.2	1475.9
-80°	695.9	734.7	768.6	800.5	830.2	863.8	896.6	927.7	956.8	976.7	992.6
-82.5°	431.8	454.7	475.0	493.7	510.8	528.4	544.7	559.5	572.8	588.4	602.8
-85°	224.0	233.4	242.1	250.1	257.4	264.6	271.1	276.9	282.0	284.8	286.8
-87.5°	87.1	89.3	91.3	93.1	94.8	97.1	99.2	101.2	103.1	104.8	106.3
-90°	5.0	4.6	4.2	3.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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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°	21.1	21.5	21.5	21.5	21.5	21.5	21.1	20.7	20.3	19.9	19.5
87.5°	11.1	9.9	9.1	8.3	9.1	9.9	11.1	12.3	13.4	14.5	12.4
85°	20.6	18.2	16.5	14.9	16.5	18.2	20.6	22.9	25.2	27.3	25.2
82.5°	22.3	21.5	21.5	21.5	21.5	21.5	22.3	23.2	24.2	25.3	26.6
80°	27.2	26.4	27.3	28.2	27.3	26.4	27.2	27.9	28.6	29.4	32.2
77.5°	29.0	28.2	28.2	28.2	28.2	28.2	29.0	29.8	30.6	31.9	36.4
75°	28.2	28.2	27.4	26.5	27.4	28.2	28.2	28.4	28.6	29.9	35.2
72.5°	24.0	23.4	23.2	23.2	23.2	23.4	24.0	24.6	25.2	26.6	30.7
70°	22.3	23.1	22.4	21.5	22.4	23.1	22.3	21.7	21.3	22.0	24.8
67.5°	18.5	18.4	18.2	18.2	18.2	18.4	18.5	18.6	18.7	19.1	20.4
65°	15.7	15.1	14.9	14.9	14.9	15.1	15.7	16.3	16.8	17.4	18.1
62.5°	14.0	13.5	13.3	13.3	13.3	13.5	14.0	14.6	15.2	16.1	16.9
60°	15.9	15.1	14.2	13.3	14.2	15.1	15.9	16.5	17.0	17.3	17.5
57.5°	17.1	16.7	16.6	16.6	16.6	16.7	17.1	17.6	18.1	18.9	19.4
55°	18.7	18.3	18.2	18.2	18.2	18.3	18.7	19.0	19.3	20.0	20.6
52.5°	22.4	21.7	20.9	19.9	20.9	21.7	22.4	22.8	23.2	23.9	23.7
50°	35.4	33.7	32.9	33.1	32.9	33.7	35.4	36.2	36.3	36.1	34.0
47.5°	65.4	65.4	65.1	64.6	65.1	65.4	65.4	64.2	64.4	63.7	58.8
45°	111.3	106.8	102.6	101.1	102.6	106.8	111.3	111.9	113.8	112.5	105.8
42.5°	195.6	194.6	191.2	187.2	191.2	194.6	195.6	191.9	197.6	192.3	180.6
40°	339.9	335.3	327.4	329.7	327.4	335.3	339.9	336.1	350.7	332.1	333.6
37.5°	708.0	674.1	622.6	622.9	622.6	674.1	708.0	730.4	742.2	606.1	721.0
35°	1657.2	1685.0	1652.1	1651.7	1652.1	1685.0	1657.2	1667.4	1670.3	1558.8	1643.4
32.5°	3171.4	3125.4	2938.6	2841.3	2938.6	3125.4	3171.4	3271.2	3194.3	3118.9	3137.3
30°	5974.8	6004.4	5724.3	5730.6	5724.3	6004.4	5974.8	5981.4	5606.9	5644.0	5420.4
27.5°	10223.6	10451.1	10391.2	10291.5	10391.2	10451.1	10223.6	10014.8	9497.0	9281.6	8732.1
25°	15288.0	15459.3	15344.6	15274.9	15344.6	15459.3	15288.0	14877.5	14251.4	13635.3	12849.1
22.5°	21135.9	21374.5	21314.6	21012.1	21314.6	21374.5	21135.9	20448.7	19741.0	18583.2	17535.1
20°	27609.8	28018.3	28255.6	28102.8	28255.6	28018.3	27609.8	26680.2	25551.5	24057.2	22451.7
17.5°	33934.5	34461.4	34865.4	35001.4	34865.4	34461.4	33934.5	32727.8	31028.7	29123.5	27081.0
15°	39252.9	40006.4	40537.1	40725.3	40537.1	40006.4	39252.9	37836.3	35737.7	33496.9	30973.9
12.5°	43069.6	44050.4	44672.8	44859.7	44672.8	44050.4	43069.6	41410.4	39441.4	36809.1	34132.1
10°	45168.4	46404.7	47113.1	47408.5	47113.1	46404.7	45168.4	43692.7	41577.3	39036.3	36034.7
7.5°	46341.1	47457.7	48127.0	48226.1	48127.0	47457.7	46341.1	44611.3	42668.7	40051.8	37030.5
5°	46721.6	47736.0	48288.5	48339.6	48288.5	47736.0	46721.6	45051.7	43030.6	40449.5	37286.1
2.5°	46888.3	47745.6	48153.1	48048.9	48153.1	47745.6	46888.3	45281.2	43313.8	40823.9	37764.8
0°	46803.0	47569.2	48001.6	48066.2	48001.6	47569.2	46803.0	45473.5	43482.1	41056.7	37940.4
-2.5°	46107.9	46678.6	46985.2	46788.1	46985.2	46678.6	46107.9	44899.5	42968.8	40512.1	37560.4
-5°	44523.3	44933.8	45061.9	45133.8	45061.9	44933.8	44523.3	43537.1	41761.2	39305.0	36530.3
-7.5°	42232.9	42568.0	42694.4	42605.7	42694.4	42568.0	42232.9	41219.4	39527.9	37359.3	34597.5
-10°	39214.1	39521.1	39628.4	39567.3	39628.4	39521.1	39214.1	38315.1	36686.8	34650.6	32217.2
-12.5°	36158.3	36522.2	36605.6	36610.9	36605.6	36522.2	36158.3	35274.4	33799.2	31967.6	29723.3
-15°	33154.3	33570.3	33697.4	33808.5	33697.4	33570.3	33154.3	32304.4	31003.8	29297.7	27276.4
-17.5°	30202.6	30615.8	30723.0	30578.0	30723.0	30615.8	30202.6	29387.1	28238.2	26706.1	24861.6
-20°	27776.3	27990.4	28219.0	28217.1	28219.0	27990.4	27776.3	27132.9	25990.5	24595.5	22956.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25772.3	26126.5	26321.1	26459.4	26321.1	26126.5	25772.3	25235.5	24148.9	22823.8	21340.3
-25°	23892.8	24193.6	24314.6	24406.7	24314.6	24193.6	23892.8	23324.3	22394.6	21194.5	19787.3
-27.5°	22445.0	22750.2	22922.8	23025.0	22922.8	22750.2	22445.0	21872.9	21061.8	19907.8	18641.4
-30°	21290.3	21590.2	21795.8	21924.9	21795.8	21590.2	21290.3	20655.0	19875.4	18829.0	17667.2
-32.5°	20046.1	20359.8	20574.1	20707.3	20574.1	20359.8	20046.1	19441.1	18677.7	17762.2	16685.8
-35°	18753.2	19066.9	19298.2	19406.7	19298.2	19066.9	18753.2	18232.8	17487.6	16651.8	15688.6
-37.5°	17497.1	17789.9	17994.4	18074.7	17994.4	17789.9	17497.1	17047.1	16336.6	15580.0	14695.4
-40°	16187.7	16464.0	16653.9	16727.8	16653.9	16464.0	16187.7	15822.2	15160.1	14444.6	13668.0
-42.5°	14867.4	15125.2	15300.6	15374.3	15300.6	15125.2	14867.4	14550.3	13963.4	13310.7	12618.7
-45°	13530.0	13759.3	13907.8	13964.4	13907.8	13759.3	13530.0	13245.7	12750.0	12141.8	11493.9
-47.5°	12213.6	12420.4	12548.0	12589.4	12548.0	12420.4	12213.6	11959.8	11550.3	11006.7	10434.4
-50°	10928.6	11098.0	11214.8	11280.6	11214.8	11098.0	10928.6	10715.5	10395.4	9933.1	9453.7
-52.5°	9740.0	9893.8	9985.5	10021.5	9985.5	9893.8	9740.0	9549.7	9295.8	8899.7	8479.6
-55°	8626.1	8759.1	8837.0	8868.4	8837.0	8759.1	8626.1	8463.9	8268.1	7927.5	7564.9
-57.5°	7597.3	7706.4	7779.8	7821.3	7779.8	7706.4	7597.3	7463.2	7305.4	7012.7	6686.2
-60°	6622.0	6711.4	6773.0	6809.1	6773.0	6711.4	6622.0	6509.1	6373.3	6130.1	5850.7
-62.5°	5680.4	5756.3	5806.2	5834.9	5806.2	5756.3	5680.4	5584.8	5469.6	5282.0	5051.8
-65°	4829.1	4895.7	4927.9	4940.3	4927.9	4895.7	4829.1	4747.2	4650.3	4503.3	4314.2
-67.5°	4076.0	4135.9	4157.7	4161.7	4157.7	4135.9	4076.0	4003.7	3919.4	3800.6	3643.6
-70°	3357.1	3405.9	3422.4	3424.4	3422.4	3405.9	3357.1	3298.4	3230.6	3140.0	3015.4
-72.5°	2670.0	2700.8	2724.6	2740.2	2724.6	2700.8	2670.0	2630.8	2583.2	2518.4	2422.3
-75°	2060.3	2086.7	2098.2	2102.4	2098.2	2086.7	2060.3	2027.5	1988.4	1939.2	1869.4
-77.5°	1500.5	1520.6	1525.1	1524.2	1525.1	1520.6	1500.5	1475.9	1447.2	1413.0	1366.3
-80°	1005.1	1014.5	1020.6	1023.8	1020.6	1014.5	1005.1	992.6	976.7	956.8	927.7
-82.5°	615.8	627.2	615.5	601.4	615.5	627.2	615.8	602.8	588.4	572.8	559.5
-85°	288.0	288.5	289.6	289.9	289.6	288.5	288.0	286.8	284.8	282.0	276.9
-87.5°	107.7	109.0	108.4	107.7	108.4	109.0	107.7	106.3	104.8	103.1	101.2
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	19.1	18.6	18.2	17.8	17.4	17.0	16.6	15.8	15.0	14.1	13.3
87.5°	10.3	8.3	6.3	7.0	7.7	8.4	9.0	8.6	8.1	7.7	7.3
85°	23.1	20.9	18.7	18.7	18.6	18.5	18.4	18.0	17.5	16.7	15.9
82.5°	27.7	28.4	28.9	31.2	32.9	34.1	34.7	34.5	33.8	32.6	30.6
80°	34.8	37.1	39.5	44.3	48.6	52.2	54.9	56.2	56.8	56.7	54.8
77.5°	40.7	44.7	49.1	56.1	62.7	68.8	73.9	76.9	78.4	79.1	76.8
75°	40.6	46.0	52.9	62.7	72.0	80.7	87.3	91.8	95.5	98.3	95.8
72.5°	35.2	40.3	48.5	61.0	74.1	85.2	94.2	101.8	108.4	114.1	110.2
70°	28.0	31.6	39.0	50.1	62.1	74.9	88.6	102.2	115.7	124.5	118.2
67.5°	22.1	24.2	30.2	39.1	49.4	61.0	74.8	90.6	105.8	120.0	117.1
65°	18.8	19.5	23.2	29.5	37.4	46.8	58.5	72.2	88.4	104.6	105.2
62.5°	17.6	18.2	20.4	23.8	28.3	34.3	43.1	55.2	69.1	80.3	84.2
60°	17.9	18.5	20.0	21.7	23.6	26.7	33.6	41.7	51.2	60.6	65.4
57.5°	19.8	20.1	20.8	21.8	22.9	25.7	29.2	33.0	40.8	46.3	50.4
55°	21.2	21.8	22.3	22.7	23.3	25.8	28.5	31.8	35.3	36.9	42.1
52.5°	23.0	24.4	25.1	24.7	25.5	27.4	28.6	31.4	34.2	36.3	37.5
50°	32.6	34.3	33.1	30.2	33.0	32.6	32.3	32.9	36.3	38.1	38.1
47.5°	58.3	58.8	53.3	49.7	52.8	48.8	45.7	43.1	48.3	43.5	42.9
45°	109.9	107.4	94.6	96.0	92.4	86.2	73.0	79.9	73.8	66.2	50.9
42.5°	192.6	188.7	175.5	182.9	169.9	153.4	146.1	153.6	128.6	104.4	110.1
40°	349.6	305.0	330.8	342.5	308.8	260.1	327.1	281.1	239.5	172.2	226.6
37.5°	729.8	594.9	715.8	719.3	623.2	573.3	645.8	582.2	406.6	429.9	437.5
35°	1566.1	1491.3	1464.2	1412.2	1232.6	1292.5	1158.3	1024.6	880.0	832.2	753.1
32.5°	2836.0	2915.6	2727.8	2497.2	2475.3	2352.3	2074.0	1670.6	1672.2	1507.6	1231.9
30°	5042.3	4935.5	4599.0	4216.6	4208.7	3894.7	3274.2	3004.5	2755.5	2381.7	1856.2
27.5°	8359.4	7620.8	7090.0	6792.1	6350.8	5833.6	5224.0	4593.4	4061.4	3491.8	2784.6
25°	12269.4	11350.1	10399.5	9768.9	9000.9	8184.5	7427.1	6542.8	5652.7	4759.3	3863.3
22.5°	16464.1	15347.4	14187.7	13014.8	11866.0	10818.4	9813.8	8641.0	7283.7	6029.6	4993.3
20°	20772.4	19247.2	17848.7	16221.4	14664.5	13389.4	12253.8	10638.7	8826.7	7302.3	6093.7
17.5°	24866.4	22922.0	20951.8	18931.0	17246.7	15865.3	14108.1	12219.6	10267.6	8499.3	7144.8
15°	28550.6	25876.0	23530.1	21401.3	19368.3	17366.2	15524.0	13656.5	11614.6	9702.3	8105.0
12.5°	31101.6	28298.5	25780.0	23094.8	20723.7	18628.5	16758.3	14885.7	12742.2	10499.0	8640.8
10°	32971.3	29933.5	26993.0	24254.9	21870.9	19746.7	17669.2	15540.8	13224.0	10976.5	9086.0
7.5°	33832.1	30797.5	27905.2	25090.1	22600.5	20378.1	18171.7	15956.2	13568.4	11307.3	9443.6
5°	34233.4	31326.2	28453.2	25520.0	23020.6	20823.8	18580.7	16271.7	13778.3	11506.4	9717.6
2.5°	34600.3	31611.3	28725.5	25702.7	23269.1	21126.3	18937.7	16590.2	14039.2	11714.0	9893.0
0°	34844.0	31903.3	28982.5	25821.5	23409.4	21313.6	19247.7	16873.6	14266.0	11858.8	9998.3
-2.5°	34424.8	31467.5	28594.4	25579.9	23114.2	21049.2	19023.5	16756.1	14222.0	11858.7	10002.6
-5°	33510.1	30592.2	27778.0	24900.4	22440.7	20390.2	18438.9	16320.7	13964.1	11729.5	9942.5
-7.5°	31797.9	29190.1	26635.8	23958.1	21537.1	19494.5	17584.3	15569.7	13396.9	11302.9	9588.3
-10°	29614.6	27218.4	24832.7	22461.7	20332.3	18452.3	16634.3	14749.6	12739.2	10792.0	9176.8
-12.5°	27443.6	25158.5	22886.3	20709.6	18852.4	17121.3	15506.4	13848.2	12003.7	10199.3	8714.4
-15°	25099.4	23038.2	21033.1	19093.7	17297.2	15716.3	14288.2	12807.9	11171.3	9557.3	8205.5
-17.5°	23061.3	21011.4	19172.8	17605.4	15972.1	14365.3	13086.4	11789.7	10394.0	9000.2	7769.4
-20°	21259.0	19521.0	17733.4	16236.2	14840.6	13443.5	12067.6	10835.8	9673.0	8494.4	7392.6



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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°	19797.1	18224.1	16646.6	15124.5	13804.6	12612.3	11403.5	10178.9	8999.6	7976.2	7028.1
-25°	18497.6	17012.3	15628.6	14343.4	13003.1	11822.5	10799.6	9714.6	8589.9	7518.0	6691.5
-27.5°	17410.4	16057.6	14810.5	13648.0	12442.6	11283.9	10271.6	9267.9	8224.1	7261.2	6412.6
-30°	16477.3	15301.6	14147.7	13052.9	11950.1	10860.6	9811.9	8859.5	7891.2	6983.3	6180.4
-32.5°	15592.0	14501.2	13450.2	12452.0	11425.7	10404.0	9420.2	8446.6	7515.0	6701.6	5956.7
-35°	14664.6	13652.4	12712.2	11787.7	10866.0	9916.6	8974.8	8020.9	7152.4	6389.3	5697.8
-37.5°	13754.7	12817.1	11947.7	11090.6	10251.7	9385.2	8477.7	7608.4	6787.0	6059.7	5405.1
-40°	12825.7	11977.6	11163.5	10377.8	9594.8	8809.9	7983.1	7175.8	6423.0	5697.8	5083.2
-42.5°	11852.7	11095.1	10360.9	9636.1	8907.2	8192.9	7469.1	6740.0	6033.2	5358.5	4741.9
-45°	10847.2	10191.3	9532.2	8870.5	8202.8	7571.7	6950.5	6283.0	5626.7	4999.0	4389.9
-47.5°	9874.7	9301.3	8699.7	8106.7	7532.6	6959.6	6399.1	5806.5	5204.4	4616.6	4075.5
-50°	8961.0	8438.6	7909.5	7385.3	6879.4	6361.6	5842.6	5321.2	4767.2	4242.1	3748.2
-52.5°	8042.5	7599.9	7148.9	6694.0	6236.6	5762.0	5282.1	4817.7	4328.8	3868.6	3431.6
-55°	7182.5	6792.1	6396.1	5994.6	5595.1	5177.8	4749.8	4327.7	3916.5	3499.3	3123.6
-57.5°	6338.8	5993.8	5667.3	5331.3	4987.3	4622.0	4249.2	3872.2	3509.4	3152.8	2813.2
-60°	5563.8	5273.1	4986.4	4698.2	4410.7	4097.1	3761.4	3430.6	3106.3	2809.9	2521.7
-62.5°	4809.8	4557.6	4320.8	4082.8	3835.4	3568.6	3281.6	3012.7	2742.1	2476.0	2242.4
-65°	4114.4	3904.9	3696.7	3501.2	3304.3	3104.5	2861.3	2623.4	2395.6	2176.3	1972.0
-67.5°	3480.2	3311.6	3146.0	2982.4	2818.9	2652.6	2452.6	2250.7	2063.6	1885.9	1712.3
-70°	2885.0	2749.5	2614.1	2478.5	2345.4	2215.2	2064.1	1904.8	1749.3	1598.2	1446.9
-72.5°	2321.5	2216.5	2111.7	2009.8	1906.5	1805.1	1688.3	1557.8	1428.7	1301.4	1178.5
-75°	1795.6	1718.3	1640.4	1564.4	1485.6	1404.3	1319.6	1222.3	1124.5	1026.4	929.1
-77.5°	1316.3	1263.4	1209.2	1158.6	1106.7	1053.6	993.5	916.0	842.7	770.4	700.0
-80°	896.6	863.8	830.2	800.5	768.6	734.7	695.9	640.8	586.1	535.4	489.5
-82.5°	544.7	528.4	510.8	493.7	475.0	454.7	431.8	399.8	368.2	337.2	307.1
-85°	271.1	264.6	257.4	250.1	242.1	233.4	224.0	210.4	196.3	181.7	166.7
-87.5°	99.2	97.1	94.8	93.1	91.3	89.3	87.1	82.1	77.1	72.1	67.2
-90°	3.3	3.3	3.3	3.7	4.2	4.6	5.0	5.0	5.0	5.0	5.0



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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°	12.9	12.5	12.0	11.6	11.6	11.6	11.6	11.6	11.2	10.8	10.3
87.5°	8.6	9.8	10.8	11.6	11.0	10.4	9.8	9.2	9.5	9.8	9.9
85°	16.2	16.8	17.5	18.3	17.2	15.7	14.5	13.4	13.7	13.8	13.7
82.5°	27.7	26.3	25.5	25.0	24.8	24.0	22.6	20.6	18.7	17.8	17.5
80°	49.1	44.0	39.3	35.4	33.2	32.5	31.5	29.3	24.9	21.8	20.2
77.5°	69.0	61.7	55.2	48.7	42.9	39.0	37.0	36.0	30.9	25.7	22.4
75°	87.0	77.6	68.8	60.2	51.8	45.0	40.2	37.1	33.1	29.1	24.3
72.5°	99.1	89.0	79.9	70.5	59.6	50.5	43.3	38.2	34.0	29.9	25.7
70°	107.5	97.7	87.3	76.6	65.9	55.5	46.4	40.2	34.9	30.6	26.4
67.5°	112.6	101.5	91.4	81.6	70.6	59.6	49.1	42.3	36.8	31.3	27.0
65°	101.3	97.7	93.5	83.1	73.3	63.3	52.1	44.7	38.7	33.0	27.5
62.5°	86.7	86.7	84.2	81.7	73.9	64.3	55.2	47.6	40.6	34.5	28.6
60°	68.6	71.7	74.1	73.4	70.8	64.2	56.3	50.3	42.8	36.0	29.9
57.5°	55.4	57.5	62.3	65.1	64.3	61.2	56.9	51.6	44.8	37.6	31.2
55°	45.3	49.2	53.0	56.4	57.9	56.1	56.6	52.4	46.4	39.0	32.7
52.5°	40.1	43.9	47.8	50.2	51.9	52.7	55.2	53.2	47.2	40.3	34.3
50°	38.6	42.6	45.5	47.3	47.5	51.4	54.7	53.5	48.1	41.3	36.1
47.5°	44.4	47.8	46.8	46.6	46.5	51.5	55.4	54.4	49.0	42.1	38.1
45°	66.1	60.6	54.4	49.8	49.9	55.2	57.2	56.1	50.7	44.5	40.2
42.5°	104.7	94.1	72.0	54.4	63.9	61.1	60.2	58.9	53.0	47.3	42.6
40°	211.8	148.3	102.5	95.0	87.7	69.2	66.8	62.6	56.1	50.8	45.2
37.5°	361.1	261.7	166.0	169.5	130.7	98.5	75.0	67.2	61.6	55.3	48.1
35°	620.2	436.6	346.0	308.0	221.3	134.5	84.5	73.7	68.2	60.0	51.2
32.5°	940.5	767.1	677.3	518.8	334.6	177.3	110.5	86.0	75.6	65.0	54.5
30°	1481.7	1338.4	1085.7	777.5	494.6	282.4	156.2	100.0	83.7	70.1	58.1
27.5°	2298.0	2012.1	1582.9	1151.1	741.3	410.2	223.7	115.8	92.5	76.0	62.3
25°	3187.0	2775.5	2230.4	1595.5	1019.2	613.2	306.2	134.8	104.3	83.1	66.5
22.5°	4168.9	3564.6	2945.0	2081.3	1327.6	849.0	437.6	197.8	118.1	90.4	70.7
20°	5109.8	4367.8	3659.7	2462.6	1656.9	1123.3	620.7	268.4	132.5	98.0	74.9
17.5°	6023.6	5027.3	4046.0	2878.0	1979.9	1382.3	818.5	344.8	147.3	105.6	79.0
15°	6646.6	5467.8	4407.6	3248.9	2268.4	1625.9	1026.5	425.3	162.4	113.3	85.2
12.5°	7124.1	5866.9	4752.8	3575.6	2524.0	1854.0	1239.9	507.6	177.5	125.2	94.3
10°	7534.2	6223.8	5076.6	3858.7	2748.7	2066.5	1453.2	585.3	200.7	140.4	103.3
7.5°	7878.4	6537.6	5373.6	4099.1	2932.3	2206.7	1584.0	648.4	224.8	155.7	112.3
5°	8147.0	6770.2	5608.4	4262.9	3027.8	2269.8	1682.9	703.5	248.2	170.6	121.0
2.5°	8306.8	6896.5	5785.9	4384.7	3104.0	2316.2	1759.9	749.9	270.6	185.1	129.4
0°	8411.1	6978.1	5919.4	4468.2	3159.4	2347.6	1814.1	786.9	291.6	198.8	137.5
-2.5°	8450.8	6990.2	5938.7	4574.7	3271.9	2444.6	1866.9	889.6	390.0	266.3	180.8
-5°	8428.9	6965.2	5919.0	4641.8	3360.8	2525.4	1900.0	982.3	485.3	331.8	222.9
-7.5°	8165.5	6818.2	5816.7	4651.9	3424.9	2587.2	1917.2	1064.9	576.1	394.3	263.4
-10°	7813.7	6582.0	5604.4	4511.8	3418.1	2624.5	1926.3	1137.4	660.9	452.9	301.4
-12.5°	7423.5	6315.0	5373.8	4359.0	3387.1	2644.6	1951.7	1205.0	738.6	506.6	336.5
-15°	7001.2	6019.2	5131.4	4201.2	3344.1	2654.9	1965.3	1262.9	808.7	557.5	368.1
-17.5°	6585.7	5696.8	4883.2	4045.9	3291.6	2656.7	1969.2	1307.7	870.8	606.6	401.9
-20°	6360.0	5462.5	4639.1	3899.6	3232.2	2651.8	1964.9	1338.9	923.9	649.9	436.5



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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°	6134.6	5309.1	4521.9	3795.8	3182.1	2641.4	1954.0	1356.1	967.5	687.0	466.5
-25°	5897.6	5147.7	4408.5	3722.4	3148.6	2603.5	1948.6	1359.1	1000.9	717.3	491.7
-27.5°	5688.0	4984.6	4277.2	3620.5	3082.9	2563.4	1940.0	1391.3	1027.3	740.6	511.8
-30°	5491.6	4819.9	4138.4	3501.2	2993.4	2466.5	1914.4	1411.6	1050.8	760.6	526.6
-32.5°	5288.8	4639.3	3971.2	3384.7	2874.6	2356.5	1842.4	1417.8	1064.8	775.5	539.1
-35°	5052.3	4420.4	3776.0	3240.1	2741.3	2243.1	1761.8	1409.5	1069.0	782.9	547.1
-37.5°	4783.8	4164.1	3591.6	3077.2	2598.5	2121.2	1703.1	1367.8	1063.4	782.6	549.2
-40°	4486.8	3907.9	3380.0	2911.9	2453.7	1991.4	1633.2	1323.9	1053.5	774.6	545.5
-42.5°	4174.5	3657.8	3178.1	2736.6	2303.6	1901.0	1555.1	1271.6	1017.6	762.3	535.7
-45°	3882.5	3403.4	2968.7	2558.6	2153.4	1799.4	1487.6	1212.7	972.4	744.0	522.4
-47.5°	3581.4	3157.6	2756.8	2370.5	2026.2	1693.3	1410.9	1154.0	921.0	717.5	507.0
-50°	3297.3	2910.4	2543.6	2201.1	1881.0	1597.0	1327.9	1088.0	869.5	673.1	486.6
-52.5°	3030.0	2671.6	2342.0	2031.1	1752.3	1490.9	1244.5	1015.5	812.2	629.8	461.2
-55°	2764.6	2444.2	2145.0	1873.8	1621.1	1383.2	1153.0	942.6	749.2	584.6	431.7
-57.5°	2509.2	2218.8	1964.4	1720.6	1486.6	1267.2	1059.0	863.4	688.1	535.0	403.2
-60°	2252.3	2017.0	1787.9	1561.4	1346.2	1147.4	960.9	781.2	623.9	483.1	367.3
-62.5°	2019.6	1808.6	1601.2	1394.0	1203.2	1025.4	858.0	699.9	555.0	434.6	327.4
-65°	1781.1	1592.0	1405.7	1228.2	1058.4	900.2	756.0	613.2	491.2	383.2	288.1
-67.5°	1539.7	1374.6	1216.6	1058.9	914.8	778.7	648.4	532.5	426.4	329.0	254.2
-70°	1298.8	1156.1	1026.6	899.3	773.5	654.9	551.6	452.5	358.5	285.0	218.6
-72.5°	1063.0	951.6	844.9	738.0	637.6	542.8	454.0	372.8	303.2	239.4	181.6
-75°	835.1	751.6	671.3	589.7	505.9	428.3	365.3	305.4	246.3	192.2	149.3
-77.5°	632.6	566.5	502.0	445.3	387.6	333.5	283.4	236.0	190.6	152.3	118.2
-80°	445.6	402.7	361.0	319.8	276.7	236.9	205.1	174.3	141.6	112.2	86.3
-82.5°	277.2	252.8	230.0	207.0	182.2	158.5	135.9	114.3	91.6	71.4	59.4
-85°	152.1	137.4	122.8	108.1	93.4	79.4	72.7	66.0	58.0	50.3	43.1
-87.5°	63.5	59.8	56.1	52.4	49.0	45.5	42.2	38.9	34.6	30.6	26.8
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.8	6.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.9	9.5	9.1	8.7	8.3	7.5	6.6
87.5°	10.0	9.5	9.2	9.0	8.9	7.7	6.6
85°	13.5	12.0	10.9	10.0	9.4	8.0	6.6
82.5°	16.9	14.5	12.6	11.1	10.0	8.2	6.6
80°	19.9	17.0	14.3	12.2	10.6	8.4	6.6
77.5°	20.6	18.6	15.9	13.2	11.1	8.7	6.6
75°	21.3	19.0	17.3	14.2	11.6	8.9	6.6
72.5°	21.9	19.3	17.3	15.2	12.1	9.1	6.6
70°	22.5	19.5	17.3	15.9	12.6	9.4	6.6
67.5°	23.1	19.6	17.3	15.8	13.1	9.6	6.6
65°	23.8	20.0	17.2	15.6	13.6	9.8	6.6
62.5°	24.4	20.7	17.1	15.4	14.0	10.0	6.6
60°	25.1	21.4	16.9	15.2	14.5	10.2	6.6
57.5°	26.4	22.0	17.5	15.0	14.3	10.4	6.6
55°	27.7	22.7	18.1	14.7	14.2	10.5	6.6
52.5°	29.0	23.4	18.6	14.5	14.1	10.7	6.6
50°	30.2	24.5	19.2	14.1	14.0	10.9	6.6
47.5°	31.5	25.5	19.7	14.0	13.9	11.0	6.6
45°	33.4	26.5	20.2	14.4	13.9	11.1	6.6
42.5°	35.3	27.4	20.7	14.8	13.8	11.3	6.6
40°	37.3	28.3	21.3	15.4	13.8	11.4	6.6
37.5°	39.4	29.2	22.0	16.1	13.8	11.5	6.6
35°	41.5	30.5	22.6	16.9	13.8	11.6	6.6
32.5°	43.8	32.1	23.2	17.8	13.8	11.6	6.6
30°	46.4	33.7	23.7	18.6	13.9	11.7	6.6
27.5°	49.0	35.3	25.4	19.5	13.9	11.8	6.6
25°	51.6	36.9	27.3	20.4	14.0	11.8	6.6
22.5°	54.3	39.1	29.4	21.2	14.1	11.8	6.6
20°	56.9	43.4	31.4	22.1	14.2	11.8	6.6
17.5°	61.8	47.6	33.6	23.0	14.2	11.9	6.6
15°	68.0	52.0	35.8	23.9	14.3	11.8	6.6
12.5°	74.2	56.3	37.9	24.7	14.4	11.8	6.6
10°	80.3	60.5	40.1	25.5	14.5	11.8	6.6
7.5°	86.2	64.7	42.2	26.3	14.6	11.8	6.6
5°	91.9	68.7	44.2	27.0	14.7	11.7	6.6
2.5°	97.4	72.6	46.2	27.6	14.8	11.7	6.6
0°	102.7	76.2	48.0	28.2	14.9	11.6	6.6
-2.5°	128.5	91.1	55.8	31.6	16.1	11.8	6.6
-5°	153.6	105.5	63.4	35.0	17.2	12.0	6.6
-7.5°	177.8	119.4	70.6	38.2	18.3	12.2	6.6
-10°	200.7	132.4	77.4	41.2	19.3	12.4	6.6
-12.5°	222.0	144.4	83.7	43.9	20.3	12.5	6.6
-15°	241.4	155.3	89.4	46.5	21.3	12.7	6.6
-17.5°	258.7	164.9	94.5	48.7	22.1	12.8	6.6
-20°	277.5	173.1	98.8	50.6	22.9	12.9	6.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	300.1	179.7	102.4	52.2	23.6	13.0	6.6
-25°	319.3	189.9	105.0	53.4	24.2	13.1	6.6
-27.5°	334.9	200.1	106.8	54.3	24.7	13.1	6.6
-30°	346.7	208.1	108.1	54.7	25.1	13.1	6.6
-32.5°	354.6	213.6	112.1	54.7	25.3	13.1	6.6
-35°	360.3	216.7	114.8	54.3	25.5	13.1	6.6
-37.5°	362.9	218.2	116.0	53.4	25.5	13.1	6.6
-40°	361.9	219.0	115.7	52.0	25.4	13.0	6.6
-42.5°	357.0	217.4	115.1	50.9	25.2	12.9	6.6
-45°	348.4	213.5	114.4	50.2	24.8	12.8	6.6
-47.5°	336.0	207.1	112.5	48.9	24.4	12.6	6.6
-50°	323.7	198.4	109.3	48.5	23.8	12.5	6.6
-52.5°	308.7	187.4	104.9	48.0	23.0	12.3	6.6
-55°	290.4	178.1	99.3	47.0	22.2	12.1	6.6
-57.5°	268.9	167.8	92.6	45.4	21.2	11.9	6.6
-60°	245.4	155.7	85.0	43.3	20.2	11.6	6.6
-62.5°	225.7	142.0	79.6	40.8	19.4	11.3	6.6
-65°	203.8	126.8	73.5	37.8	18.6	11.1	6.6
-67.5°	179.9	112.7	66.6	34.3	17.8	10.7	6.6
-70°	154.1	99.9	58.9	30.5	16.9	10.4	6.6
-72.5°	132.6	86.1	50.6	27.9	15.9	10.1	6.6
-75°	110.6	71.4	41.8	25.5	14.9	9.7	6.6
-77.5°	87.5	55.9	36.1	23.0	13.9	9.4	6.6
-80°	63.4	44.9	31.0	20.3	12.8	9.0	6.6
-82.5°	49.3	36.3	25.7	17.5	11.7	8.6	6.6
-85°	36.4	27.5	20.2	14.6	10.6	8.2	6.6
-87.5°	23.2	18.5	14.7	11.7	9.4	7.8	6.6
-90°	6.6	7.0	7.5	7.9	8.3	7.5	6.6

(END OF REPORT)