

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: P1306164 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-2S-VHE-A**

Issue Date: 2/3/2026

Test Information

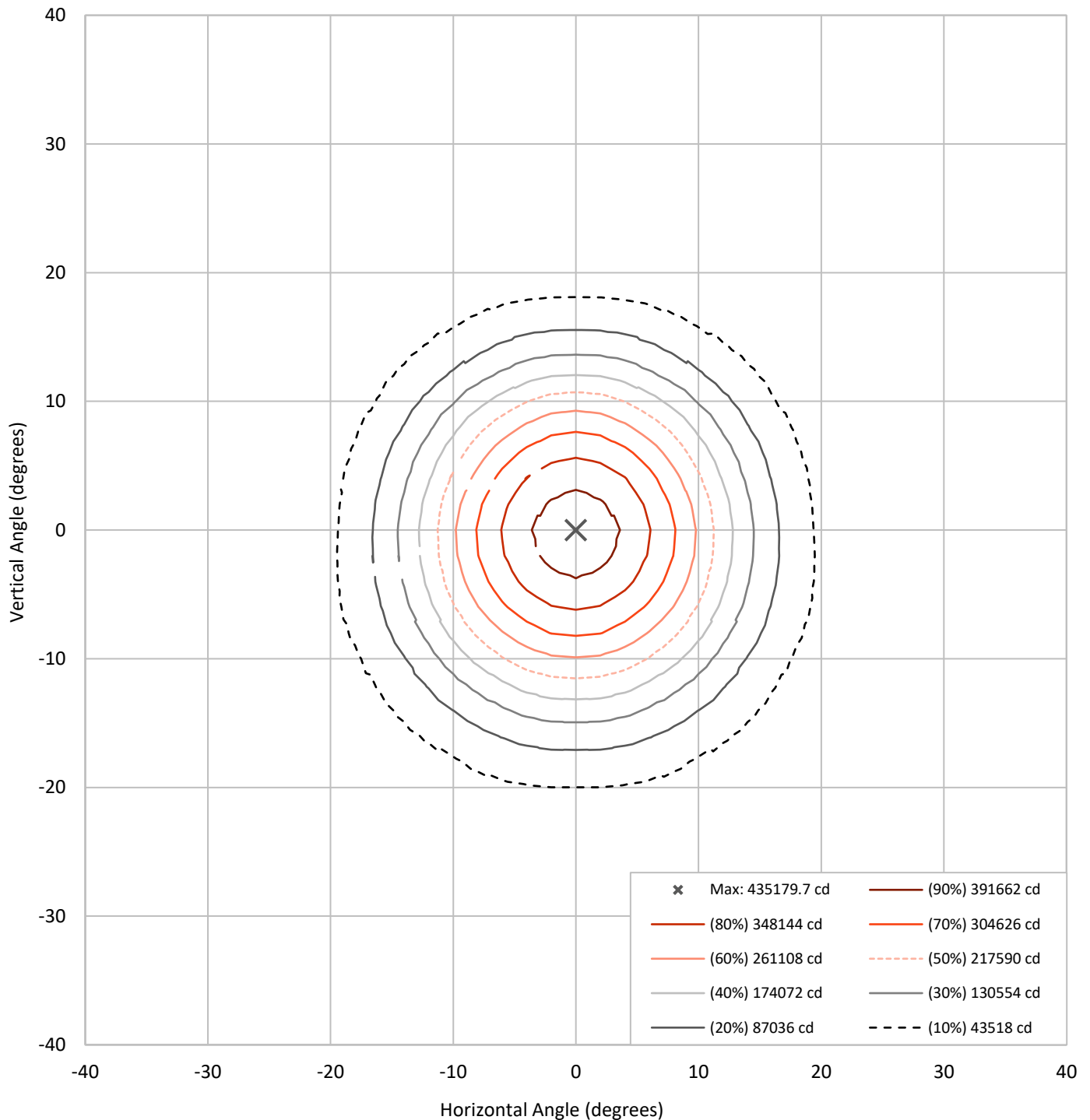
Test Method: LM-79-08
Report Number: P1306164 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-2S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	76062.9 lumens	Max Intensity:	435179.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	35543 lumens	Field Lumens:	63319 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	569		
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





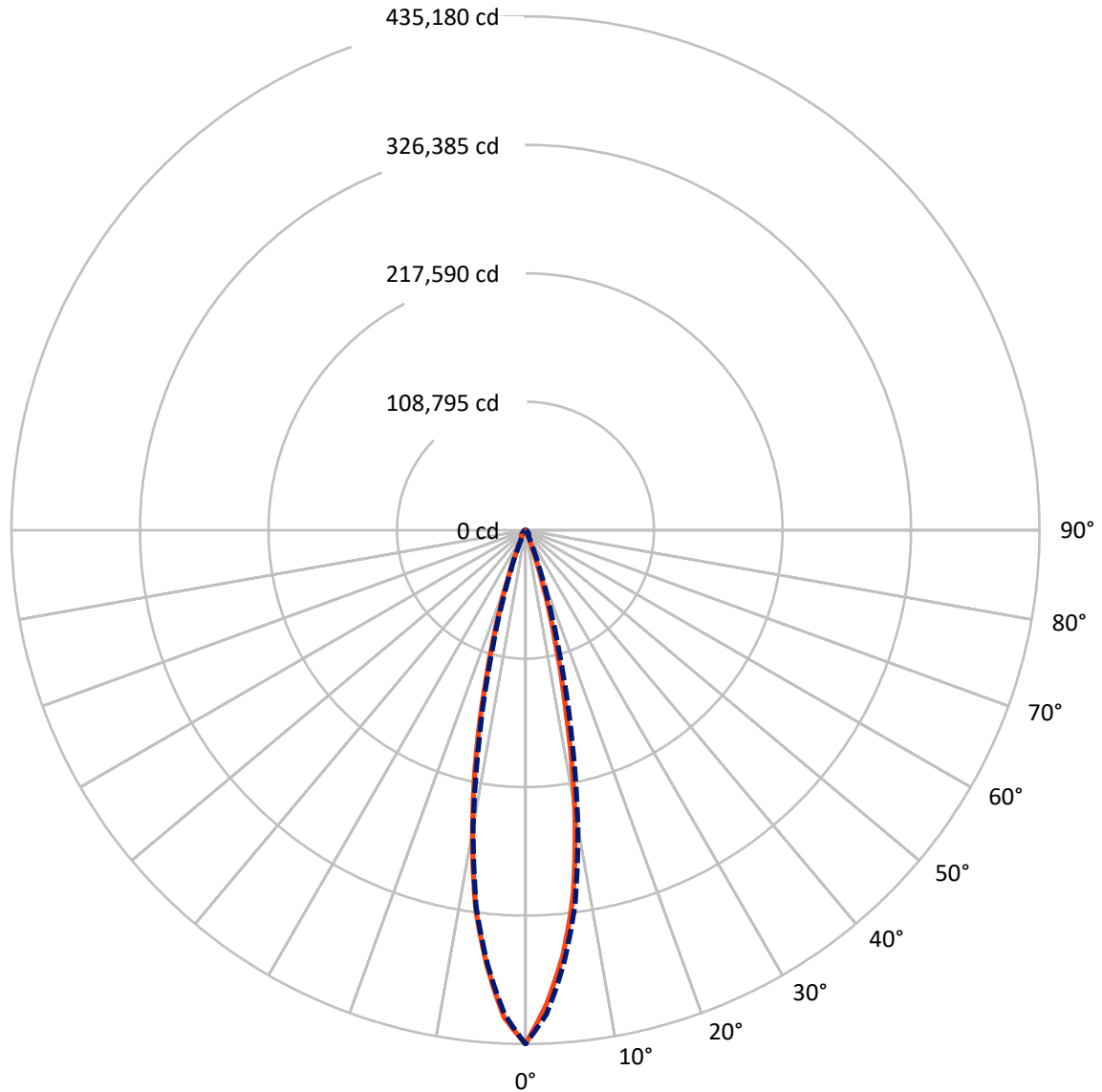
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Lumen Table

90																			
80	0.2	0.6		1.1		1.6		2.0		1.6		1.1		0.6		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.7	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.2	0.1	0.2			
60		0.3	0.6	0.9	0.7	0.7	0.7	0.9	0.9	0.7	0.7	0.7	0.9	0.6	0.3				
50	0.6	0.9	2.2	4.5	8.0	13.1	20.1	23.7	23.7	20.1	13.1	8.0	4.5	2.2	0.9	0.6			
40		2.3	7.5	14.5	28.3	49.3	59.9	66.4	66.4	59.9	49.3	28.3	14.5	7.5	2.3				
30	1.5	4.1	12.4	26.4	64.6	75.2	103.7	189.5	189.5	103.7	75.2	64.6	26.4	12.4	4.1	1.5			
20		5.4	16.2	46.3	91.1	133.9	849.3	2739.4	2739.4	849.3	133.9	91.1	46.3	16.2	5.4				
10	2.2	6.6	18.7	60.5	104.4	299.4	3008.9	9045.1	9045.1	3008.9	299.4	104.4	60.5	18.7	6.6	2.2			
0		7.2	20.6	63.9	114.8	343.3	3276.8	9406.5	9406.5	3276.8	343.3	114.8	63.9	20.6	7.2				
-10	2.4	7.3	21.5	61.6	120.8	196.5	1200.9	3518.1	3518.1	1200.9	196.5	120.8	61.6	21.5	7.3	2.4			
-20		6.7	21.1	47.1	113.9	156.2	217.0	434.1	434.1	217.0	156.2	113.9	47.1	21.1	6.7				
-30	2.0	5.7	18.4	36.8	79.7	140.3	164.3	172.3	172.3	164.3	140.3	79.7	36.8	18.4	5.7	2.0			
-40		4.3	14.0	29.8	47.5	73.0	111.1	139.5	139.5	111.1	73.0	47.5	29.8	14.0	4.3				
-50	1.6	2.8	8.9	19.5	33.3	45.0	53.7	59.3	59.3	53.7	45.0	33.3	19.5	8.9	2.8	1.6			
-60		1.9	4.5	9.8	17.0	23.9	30.0	33.8	33.8	30.0	23.9	17.0	9.8	4.5	1.9				
-70	1.1	7.0		16.9		28.2		34.5		28.2		16.9		7.0		1.1			
-80		7.0		16.9		28.2		34.5		28.2		16.9		7.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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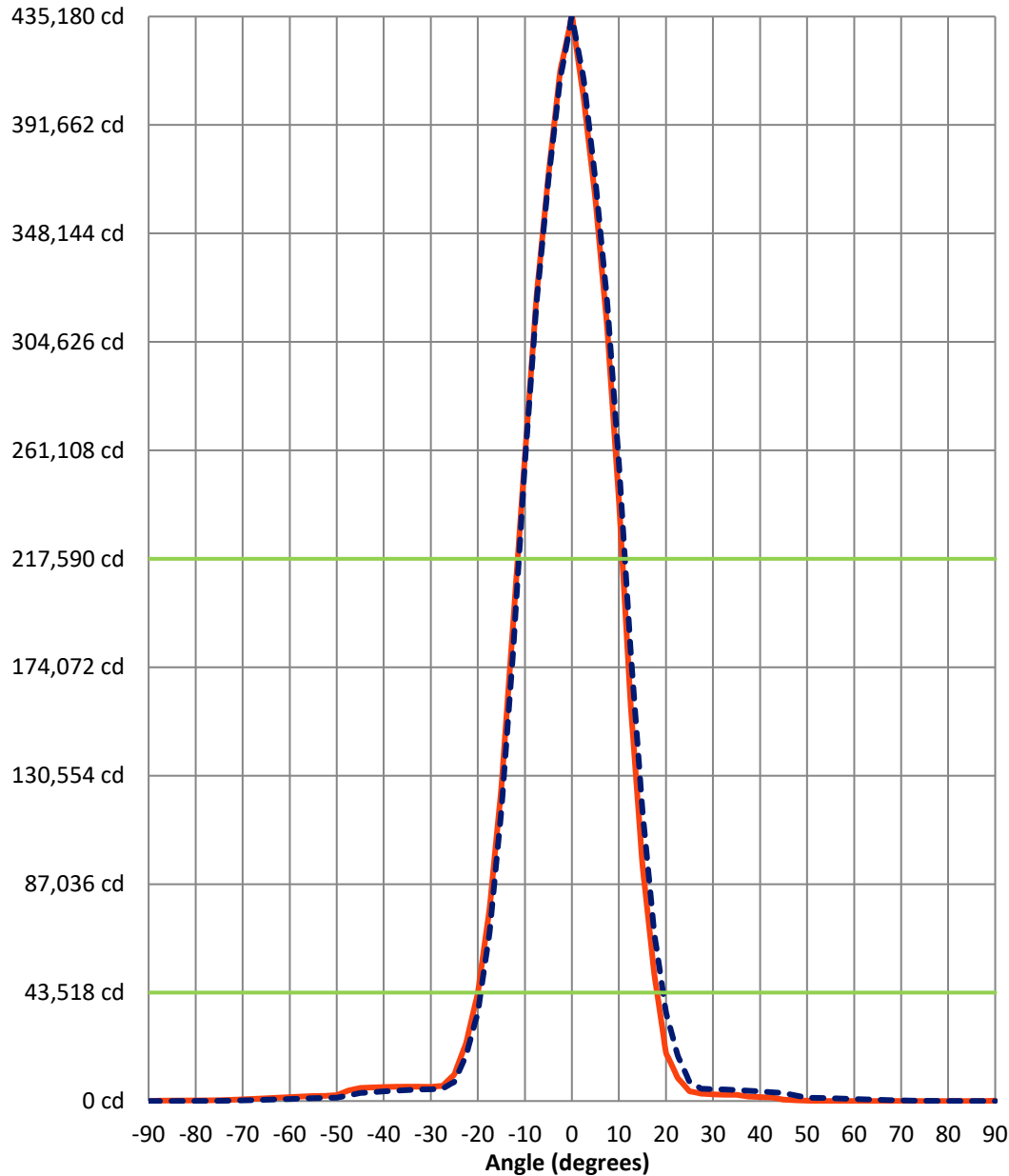
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.5°
V Angle: 22.2°
Lumens: 35543
Efficiency: 46.7%

Field:
H Angle: 38.8°
V Angle: 38.1°
Lumens: 63319
Efficiency: 83.2%

Spill:
Lumens: 12743.9
Efficiency: 16.8%

— Vertical Distribution through 0-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°	4.4	9.3	14.2	24.4	34.6	43.5	52.4	59.1	65.7	71.1	76.4
87.5°	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.4
85°	4.4	4.6	4.7	4.8	4.7	4.8	4.9	4.7	4.4	4.4	4.4
82.5°	4.4	4.8	4.9	4.9	4.9	5.0	5.1	4.8	4.5	4.6	4.6
80°	4.4	4.9	5.0	5.1	5.0	5.2	5.3	5.2	5.1	5.1	5.1
77.5°	4.4	5.0	5.2	5.3	5.2	5.4	5.6	5.6	5.7	5.7	5.5
75°	4.4	5.1	5.4	5.5	5.4	5.7	5.8	5.9	6.2	6.1	5.9
72.5°	4.4	5.2	5.5	5.7	5.7	6.0	6.1	6.3	6.6	6.5	6.3
70°	4.4	5.3	5.7	5.9	6.1	6.3	6.4	6.8	7.0	6.9	6.8
67.5°	4.4	5.5	5.9	6.1	6.4	6.7	6.9	7.2	7.4	7.5	7.4
65°	4.4	5.6	6.1	6.4	6.7	7.1	7.5	7.7	8.3	8.2	8.2
62.5°	4.4	5.7	6.2	6.6	7.0	7.6	8.1	8.7	9.3	9.1	9.6
60°	4.4	5.8	6.4	6.8	7.3	8.2	8.6	9.9	10.5	11.0	11.1
57.5°	4.4	5.9	6.7	7.1	7.9	8.7	10.1	11.3	12.6	13.2	14.9
55°	4.4	6.0	7.0	7.3	8.6	9.3	11.7	12.9	15.2	16.4	19.9
52.5°	4.4	6.2	7.2	7.5	9.2	10.1	13.5	15.7	18.0	22.6	25.5
50°	4.4	6.3	7.5	7.7	9.9	12.0	15.4	18.7	22.1	29.4	36.5
47.5°	4.4	6.4	7.9	8.0	10.7	13.9	17.5	21.9	28.9	36.7	49.6
45°	4.4	6.5	8.2	8.6	11.5	15.9	20.4	25.1	36.4	49.9	63.9
42.5°	4.4	6.6	8.6	9.3	12.3	18.0	23.3	30.7	44.4	64.0	86.9
40°	4.4	6.7	9.0	10.2	13.6	20.1	26.3	38.0	54.8	79.1	113.0
37.5°	4.4	6.8	9.4	11.2	15.3	22.3	29.7	45.5	69.5	98.6	140.9
35°	4.4	6.9	9.8	12.3	16.9	24.8	33.1	53.3	84.9	124.7	172.2
32.5°	4.4	7.0	10.2	13.4	18.6	27.5	37.5	61.4	101.0	151.2	205.5
30°	4.4	7.1	10.7	14.6	20.3	30.2	44.0	70.8	117.7	178.0	237.1
27.5°	4.4	7.2	11.1	15.8	22.4	32.9	50.5	83.1	134.9	205.0	267.1
25°	4.4	7.3	11.6	17.0	24.6	35.6	56.9	94.8	152.9	230.6	295.5
22.5°	4.4	7.4	12.1	18.2	26.7	38.3	63.2	105.7	169.5	248.0	326.3
20°	4.4	7.5	12.5	19.4	28.7	41.2	69.3	116.0	184.6	264.0	350.4
17.5°	4.4	7.6	13.0	20.6	30.6	44.0	74.9	125.5	198.3	278.8	373.1
15°	4.4	7.7	13.5	21.8	32.4	46.6	79.9	133.9	210.5	292.2	394.9
12.5°	4.4	7.7	13.9	23.0	34.2	49.1	84.4	141.0	222.1	304.2	415.5
10°	4.4	7.8	14.4	24.2	35.9	51.5	88.5	147.3	233.1	319.1	436.8
7.5°	4.4	7.9	14.8	25.3	37.5	53.7	92.2	152.8	243.0	333.5	461.1
5°	4.4	7.9	15.2	26.4	39.0	55.8	95.4	157.5	251.6	346.7	483.3
2.5°	4.4	8.0	15.6	27.4	40.4	57.7	98.1	161.3	258.9	358.5	503.3
0°	4.4	8.0	16.0	28.4	41.7	59.5	100.4	164.3	264.7	368.6	520.5
-2.5°	4.4	8.3	16.8	29.7	43.5	62.0	103.6	170.3	272.8	379.2	529.5
-5°	4.4	8.7	17.6	30.8	45.3	64.3	106.3	175.3	279.2	387.9	535.6
-7.5°	4.4	9.0	18.4	31.9	46.9	66.4	108.5	179.2	283.8	394.4	538.9
-10°	4.4	9.3	19.1	33.0	48.4	68.3	110.2	181.9	286.6	398.8	539.4
-12.5°	4.4	9.6	19.8	33.9	49.7	69.9	111.3	183.3	287.4	400.5	538.8
-15°	4.4	9.9	20.5	34.8	50.9	71.4	111.8	183.3	285.3	397.3	535.0
-17.5°	4.4	10.2	21.0	35.5	52.0	72.6	111.8	181.4	280.1	391.8	527.1
-20°	4.4	10.5	21.6	36.2	52.9	73.6	111.3	177.9	273.0	383.9	514.7



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	10.7	22.1	36.8	53.7	74.4	110.5	173.3	264.2	373.5	498.3
-25°	4.4	10.9	22.5	37.4	54.3	75.1	109.0	167.5	253.6	360.7	482.3
-27.5°	4.4	11.1	22.8	37.8	54.8	75.5	106.8	160.5	241.2	350.1	470.9
-30°	4.4	11.3	23.1	38.1	55.1	75.8	104.0	152.4	231.4	338.3	456.8
-32.5°	4.4	11.5	23.4	38.4	55.5	75.8	100.5	147.3	223.1	323.9	439.6
-35°	4.4	11.6	23.6	38.5	55.8	75.5	99.1	142.9	212.7	306.9	419.3
-37.5°	4.4	11.7	23.7	38.6	55.9	75.3	98.5	137.9	200.3	287.4	397.3
-40°	4.4	11.8	23.7	38.6	55.9	75.2	97.7	131.8	185.8	269.7	372.6
-42.5°	4.4	11.9	23.7	38.5	55.8	75.0	96.5	124.4	174.9	250.8	344.5
-45°	4.4	12.0	23.7	38.5	55.8	74.6	94.9	118.8	165.1	229.3	314.2
-47.5°	4.4	12.0	23.5	38.3	55.6	74.0	93.0	116.5	153.8	205.7	287.2
-50°	4.4	12.0	23.3	38.1	55.2	73.2	91.8	113.8	141.0	191.0	257.2
-52.5°	4.4	12.0	23.0	37.9	54.7	72.2	90.5	110.6	134.3	174.8	225.3
-55°	4.4	11.9	22.7	37.5	54.1	71.2	88.9	107.3	130.1	157.2	203.9
-57.5°	4.4	11.9	22.3	37.0	53.3	70.0	87.1	105.1	125.3	148.7	181.3
-60°	4.4	11.8	21.9	36.4	52.4	68.7	85.1	102.6	120.6	142.6	162.9
-62.5°	4.4	11.7	21.5	35.7	51.4	67.1	83.0	99.8	117.1	135.6	154.5
-65°	4.4	11.5	21.1	34.9	50.2	65.3	80.7	96.7	113.2	129.8	145.6
-67.5°	4.4	11.4	20.6	34.0	48.9	63.4	78.1	93.4	109.0	124.2	138.3
-70°	4.4	11.2	20.1	33.0	47.5	61.3	75.3	89.9	104.8	118.4	131.5
-72.5°	4.4	11.0	19.5	32.2	46.0	59.1	72.4	86.2	100.4	112.8	124.4
-75°	4.4	10.8	18.8	31.3	44.3	56.7	69.4	82.3	95.8	107.0	117.7
-77.5°	4.4	10.6	18.1	30.3	42.8	54.2	66.2	78.2	90.7	100.9	110.6
-80°	4.4	10.4	17.4	29.3	41.4	52.1	62.8	73.9	85.3	94.3	103.1
-82.5°	4.4	10.1	16.7	28.1	39.8	50.1	60.2	69.8	79.8	87.6	95.3
-85°	4.4	9.9	15.9	27.0	38.2	48.0	57.7	66.3	75.2	81.7	88.2
-87.5°	4.4	9.6	15.0	25.7	36.4	45.8	55.1	62.7	70.5	76.4	82.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	80.4	84.4	88.0	91.5	95.5	99.5	104.0	108.4	112.8	117.2	120.8
87.5°	4.2	4.0	4.0	4.1	3.8	3.6	3.6	3.6	3.2	2.7	2.7
85°	4.4	4.4	4.4	4.4	4.1	3.8	3.7	3.6	3.4	3.2	3.2
82.5°	4.7	4.8	4.7	4.4	4.3	4.3	4.0	3.7	3.8	3.8	3.8
80°	5.2	5.3	5.0	4.7	4.6	4.4	4.3	4.3	4.4	4.4	4.1
77.5°	5.5	5.4	5.2	5.2	5.0	4.7	4.7	4.9	4.8	4.5	4.4
75°	5.7	5.4	5.4	5.4	5.2	5.2	5.3	5.3	5.1	5.0	4.9
72.5°	6.1	5.9	5.8	5.5	5.5	5.4	5.3	5.3	6.2	7.4	8.3
70°	6.6	6.4	6.2	6.1	5.9	5.9	7.0	9.0	11.2	12.9	15.2
67.5°	7.1	7.1	6.8	6.8	7.2	8.3	9.9	15.7	21.6	23.8	24.8
65°	7.9	7.8	7.8	8.3	8.8	13.3	19.2	26.1	33.4	34.8	33.4
62.5°	8.9	9.9	9.7	11.2	15.2	20.7	28.1	36.0	44.4	42.5	35.4
60°	12.3	12.9	14.3	17.7	22.3	28.5	36.8	40.1	43.6	44.3	34.4
57.5°	16.5	18.4	21.7	25.3	31.4	34.8	36.1	36.1	41.2	41.6	31.6
55°	23.0	26.1	31.2	35.5	39.4	35.5	35.5	38.8	40.6	37.5	28.1
52.5°	33.1	36.4	44.3	47.6	45.4	42.2	41.4	44.3	42.7	38.1	32.4
50°	44.3	53.8	59.0	61.6	56.6	56.0	51.5	54.1	55.7	53.2	55.6
47.5°	62.3	73.8	78.1	82.0	77.9	82.2	77.9	90.6	90.9	122.2	125.8
45°	84.2	99.8	104.8	113.8	120.7	124.7	149.4	151.1	217.5	243.6	299.6
42.5°	109.9	130.2	147.9	152.4	194.3	214.2	249.3	313.3	374.6	427.4	457.3
40°	142.8	164.5	201.5	242.8	290.4	337.2	389.4	464.6	529.4	557.8	572.9
37.5°	179.0	220.6	269.8	338.9	409.6	463.4	525.4	596.2	639.2	654.3	657.8
35°	217.7	277.7	360.2	432.7	508.5	580.7	638.6	706.2	720.7	732.7	799.3
32.5°	264.9	334.8	432.1	513.5	590.2	673.0	731.5	771.4	794.5	838.5	1055.5
30°	312.2	394.2	490.5	577.0	666.4	745.1	800.9	839.7	866.0	1073.6	1524.4
27.5°	351.1	445.3	540.9	641.4	740.3	819.2	872.8	908.1	1061.4	1405.6	2099.7
25°	386.4	485.4	591.4	712.7	816.6	889.7	944.7	979.6	1322.5	2025.2	2506.6
22.5°	419.5	524.2	648.5	788.0	892.6	954.7	1007.5	1197.3	1716.6	2653.1	2912.0
20°	451.8	570.9	710.5	851.7	963.9	1009.9	1065.2	1441.4	2223.5	2894.7	3178.4
17.5°	485.3	618.7	769.0	900.7	1001.0	1059.0	1147.8	1678.2	2651.5	3106.3	3311.5
15°	518.8	663.9	816.7	943.9	1037.6	1107.2	1336.6	2017.5	2916.7	3338.8	3532.1
12.5°	551.6	703.4	852.5	980.9	1075.9	1152.8	1509.3	2368.1	3156.3	3567.1	3822.9
10°	583.2	737.5	883.1	1016.7	1113.4	1197.2	1683.7	2711.0	3372.6	3716.0	3930.5
7.5°	610.8	765.4	909.7	1050.9	1148.5	1240.7	1875.1	2938.4	3464.7	3810.6	3984.9
5°	634.4	787.4	936.4	1089.1	1184.8	1280.7	2048.9	3088.3	3499.7	3869.0	4041.9
2.5°	654.3	805.2	959.6	1124.9	1220.6	1314.6	2170.6	3183.4	3523.5	3891.4	4097.8
0°	670.6	818.9	978.7	1156.4	1253.2	1344.7	2261.2	3229.3	3531.3	3883.0	4150.3
-2.5°	681.1	839.0	1014.2	1186.7	1280.0	1369.9	2257.4	3256.3	3541.0	3927.9	4353.3
-5°	688.2	854.6	1044.0	1212.3	1304.2	1392.1	2218.9	3236.6	3562.4	3996.0	4485.9
-7.5°	691.7	865.1	1066.9	1233.0	1327.0	1416.9	2171.2	3191.0	3671.8	4136.2	4569.2
-10°	692.8	871.3	1071.6	1243.0	1348.2	1441.3	2092.5	3095.4	3758.2	4194.9	4593.4
-12.5°	697.5	874.3	1069.1	1247.0	1366.2	1463.7	1995.3	3032.0	3874.4	4231.1	4584.6
-15°	697.0	873.2	1061.9	1245.8	1388.3	1493.6	1866.1	2882.5	3945.3	4239.2	4561.0
-17.5°	691.2	868.1	1051.0	1241.6	1409.3	1516.0	1683.9	2574.7	3742.9	4203.4	4533.1
-20°	679.6	857.3	1035.7	1228.1	1420.9	1536.7	1662.2	2305.3	3326.5	4108.3	4480.5



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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°	662.9	841.3	1016.8	1205.6	1415.4	1560.2	1677.3	2043.2	2915.1	3967.4	4395.3
-25°	643.4	819.1	995.1	1193.3	1407.2	1582.6	1680.5	1799.7	2557.3	3500.9	4248.5
-27.5°	621.9	791.6	971.3	1167.5	1394.5	1578.6	1679.2	1791.6	2176.3	2927.1	4014.7
-30°	597.0	760.6	938.2	1130.0	1349.5	1536.1	1675.2	1768.2	1885.8	2477.1	3404.6
-32.5°	569.4	725.7	899.0	1087.4	1291.7	1488.7	1652.0	1749.5	1852.6	2055.1	2802.7
-35°	542.3	692.0	855.6	1038.4	1232.7	1424.2	1591.4	1729.8	1816.3	1930.1	2271.4
-37.5°	517.1	654.1	808.2	984.9	1172.8	1344.2	1525.0	1674.9	1793.4	1876.0	2014.0
-40°	488.1	611.8	759.5	925.0	1093.8	1256.9	1428.9	1597.5	1743.0	1851.8	1934.1
-42.5°	455.4	573.7	707.3	854.3	1010.3	1165.5	1328.1	1495.2	1654.9	1798.3	1900.3
-45°	420.0	531.1	651.3	784.7	923.2	1071.2	1226.0	1384.1	1542.7	1700.7	1826.5
-47.5°	378.9	484.2	598.2	710.5	838.1	974.1	1118.0	1266.6	1413.3	1565.8	1710.6
-50°	336.3	433.6	537.8	641.3	752.1	875.0	1006.7	1145.6	1284.7	1425.5	1565.1
-52.5°	297.6	378.4	474.4	572.1	669.9	775.0	894.3	1020.9	1152.1	1284.9	1407.0
-55°	256.3	329.0	407.9	499.3	591.2	682.5	779.4	894.1	1013.0	1136.2	1245.7
-57.5°	224.5	279.2	347.2	422.9	508.3	594.8	679.8	765.8	872.1	981.7	1073.8
-60°	198.1	237.6	289.7	353.6	421.6	501.6	581.5	661.4	743.6	822.1	907.1
-62.5°	173.9	206.1	242.8	287.4	346.5	408.2	479.2	552.9	628.0	695.7	758.2
-65°	163.5	178.9	206.5	239.8	273.7	326.4	383.3	441.3	506.6	566.4	622.8
-67.5°	152.5	166.8	181.1	198.7	229.1	260.3	291.6	342.9	394.0	440.4	486.3
-70°	143.7	154.7	167.3	180.2	193.3	211.2	239.2	268.2	297.1	329.1	368.0
-72.5°	135.1	144.9	155.0	165.0	176.7	189.0	201.9	215.0	235.0	259.7	281.9
-75°	126.8	135.0	144.0	153.3	162.5	171.8	182.3	194.4	206.4	218.3	229.6
-77.5°	118.7	126.2	133.8	141.6	149.6	157.9	167.0	176.6	186.5	196.3	205.0
-80°	110.3	117.3	123.8	130.4	137.6	144.8	152.5	160.3	169.0	178.0	185.8
-82.5°	101.2	107.1	113.0	118.9	125.5	132.1	138.6	145.2	152.3	159.6	166.1
-85°	92.6	96.7	101.8	106.9	112.8	118.7	124.2	129.8	136.0	142.2	147.3
-87.5°	86.5	90.6	94.6	98.6	103.3	108.0	112.6	117.1	122.3	127.4	131.3
-90°	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	124.3	127.0	129.7	131.0	132.3	135.0	137.7	141.7	145.7	150.1	154.5
87.5°	2.7	2.7	2.7	2.6	2.6	2.2	1.8	1.8	1.8	1.8	1.8
85°	3.3	3.3	3.4	3.1	2.7	2.6	2.6	2.6	2.6	2.2	1.8
82.5°	3.6	3.6	3.6	3.5	3.4	3.1	2.7	2.7	2.7	2.7	2.7
80°	3.9	3.8	3.6	3.6	3.6	3.5	3.4	3.1	2.7	3.1	3.5
77.5°	4.4	4.2	3.9	3.8	3.6	3.4	3.0	2.8	2.7	2.7	2.8
75°	4.6	4.6	5.3	5.4	5.3	4.8	4.0	3.9	4.0	3.9	3.6
72.5°	9.0	9.5	9.8	10.6	11.1	11.6	12.6	14.3	16.3	18.2	20.0
70°	18.2	20.7	21.3	21.3	21.3	21.9	22.9	23.9	25.3	26.5	27.5
67.5°	28.0	30.2	30.5	31.0	30.1	28.9	27.7	27.7	29.3	31.2	33.2
65°	34.1	31.8	30.2	29.8	29.2	27.8	25.4	23.7	23.3	23.0	23.0
62.5°	30.6	26.2	24.6	24.3	22.9	21.2	18.1	15.5	14.3	13.5	13.6
60°	26.6	21.3	18.1	16.7	14.6	12.4	10.5	8.6	8.0	7.8	7.8
57.5°	21.9	16.3	12.5	12.0	10.3	8.2	6.7	5.3	5.1	5.1	5.4
55°	20.1	17.1	14.3	13.4	11.4	10.5	9.0	7.2	6.7	7.2	7.9
52.5°	26.0	24.4	23.1	23.2	25.5	23.7	17.7	24.8	28.8	28.8	27.5
50°	57.0	51.3	73.2	70.5	88.1	99.8	90.6	101.7	117.6	128.8	136.6
47.5°	162.8	168.8	195.0	217.7	236.0	256.6	277.3	289.9	293.0	313.8	328.0
45°	327.8	347.5	376.7	391.4	420.2	454.3	478.2	488.9	551.7	629.8	680.2
42.5°	475.7	490.9	513.9	565.9	618.6	735.4	869.4	874.0	995.1	1102.2	1211.9
40°	579.2	607.8	689.4	812.8	1097.7	1320.0	1478.1	1633.2	1659.0	1608.7	1636.1
37.5°	713.2	815.2	1021.9	1354.9	1601.4	1824.6	1914.5	1926.2	1957.5	1977.2	1945.9
35°	965.6	1305.6	1477.1	1760.1	1939.5	1983.0	2010.2	2037.0	2062.6	2080.2	2099.3
32.5°	1518.5	1939.7	1962.4	2035.1	2068.6	2107.3	2136.1	2152.9	2164.5	2179.9	2231.9
30°	2112.9	2211.0	2219.1	2213.3	2224.8	2250.9	2269.7	2300.4	2331.0	2366.2	2481.5
27.5°	2390.4	2465.5	2442.1	2402.0	2382.2	2402.9	2454.2	2501.9	2590.8	2684.4	2849.8
25°	2697.6	2747.4	2718.8	2647.6	2603.0	2632.4	2709.5	2800.6	2970.5	3120.4	3424.8
22.5°	3026.6	3119.2	3089.2	3068.0	2974.1	2988.1	3048.9	3254.4	3679.5	4352.5	5750.1
20°	3281.7	3394.9	3409.2	3409.7	3389.9	3395.7	3537.0	4199.6	5442.5	9348.2	12810.6
17.5°	3470.9	3537.2	3616.9	3649.5	3688.3	3801.3	4554.9	6847.2	12214.7	19398.3	24899.1
15°	3716.1	3801.0	3887.2	3941.9	4029.4	4650.9	6577.8	13618.2	23378.8	35571.2	51155.3
12.5°	3912.3	4017.0	4085.5	4128.8	4330.6	5965.6	12669.6	22804.9	38033.8	56953.4	85019.9
10°	4021.0	4102.5	4196.0	4346.0	5168.8	8653.2	17866.8	32046.7	55456.7	89535.9	126917.8
7.5°	4075.0	4180.6	4336.8	4564.8	6117.7	12632.2	24855.9	45234.0	77208.8	119643.9	171730.0
5°	4137.9	4333.1	4519.2	4780.1	6854.6	15505.1	30411.7	56481.2	96174.1	148085.3	212412.0
2.5°	4239.6	4533.1	4653.1	4903.7	7298.6	17354.5	33724.8	65278.2	110336.1	171294.4	243516.5
0°	4399.9	4644.1	4716.1	4968.3	7745.6	18269.3	35670.8	67690.4	116644.4	180332.8	255767.0
-2.5°	4581.1	4733.5	4813.2	5094.5	7969.9	19202.4	37201.9	69311.2	115142.0	177321.9	251164.6
-5°	4699.2	4820.3	4897.6	5172.4	7945.4	18269.3	35491.1	64545.8	106358.5	161973.3	227993.8
-7.5°	4779.6	4905.7	4986.6	5238.4	7475.7	15788.3	31347.4	55637.6	90386.3	135997.7	193022.9
-10°	4858.2	4995.9	5101.8	5300.8	6616.5	12052.7	24604.3	41974.5	70687.8	106978.6	149614.6
-12.5°	4929.1	5099.2	5235.5	5327.1	5809.5	9167.5	18081.2	32105.9	50880.4	77971.0	109170.7
-15°	4964.9	5168.4	5321.0	5422.0	5701.8	7248.8	11708.5	21245.0	35522.6	52326.3	72628.1
-17.5°	4903.1	5206.6	5353.5	5464.7	5556.7	5954.3	8259.0	13041.0	21958.6	32966.3	42883.7
-20°	4804.9	5210.9	5377.2	5526.8	5631.5	5739.8	6033.3	8305.0	11932.8	18686.0	25295.8



REPORT NUMBER: P1306164 (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°	4721.8	5099.3	5446.4	5608.1	5728.5	5736.4	5745.5	6018.9	7435.5	9710.7	13207.2
-25°	4664.2	5021.4	5425.3	5675.8	5759.1	5762.1	5716.7	5665.9	5826.5	5987.9	7265.5
-27.5°	4566.7	4954.2	5333.9	5639.4	5762.9	5758.6	5724.1	5690.3	5634.6	5598.3	5736.1
-30°	4447.5	4836.9	5190.4	5497.6	5680.6	5736.9	5713.3	5688.1	5670.9	5658.8	5634.1
-32.5°	3812.2	4692.8	4990.5	5269.3	5530.5	5644.9	5695.9	5684.1	5668.6	5662.0	5666.3
-35°	3113.9	4023.0	4796.2	4994.9	5221.5	5449.2	5609.9	5646.2	5662.4	5659.5	5666.6
-37.5°	2387.6	3206.7	3966.3	4601.3	4874.1	5110.8	5344.4	5499.0	5591.9	5607.9	5629.8
-40°	2057.8	2289.4	3009.0	3647.2	4178.1	4666.9	4914.2	5181.5	5390.1	5474.0	5518.1
-42.5°	1970.6	2062.6	2157.1	2625.1	3174.8	3640.8	4102.5	4561.4	4942.2	5157.6	5297.8
-45°	1932.6	1983.9	2038.4	2113.7	2181.2	2574.8	2998.7	3445.8	3946.3	4320.2	4668.5
-47.5°	1821.9	1925.3	1977.3	2009.3	2033.1	2085.1	2131.5	2257.4	2674.0	3001.6	3365.0
-50°	1675.6	1780.6	1865.8	1941.5	1967.4	1979.4	1993.3	2035.3	2101.8	2150.2	2223.3
-52.5°	1506.2	1604.8	1699.6	1780.7	1838.6	1888.5	1936.1	1969.2	1996.2	2024.1	2050.6
-55°	1344.2	1428.2	1509.5	1585.6	1654.7	1712.2	1768.9	1822.8	1873.4	1920.9	1965.3
-57.5°	1166.6	1250.4	1325.2	1393.5	1452.4	1500.4	1556.3	1615.8	1671.4	1720.7	1768.8
-60°	987.3	1063.6	1135.1	1199.8	1253.6	1296.0	1350.4	1403.6	1454.5	1500.5	1540.8
-62.5°	818.8	883.9	945.5	1002.6	1053.6	1099.1	1144.7	1190.3	1238.4	1281.4	1319.4
-65°	676.3	728.3	772.1	812.8	847.1	888.2	932.1	972.9	1015.3	1055.1	1091.4
-67.5°	533.2	577.3	614.0	649.2	677.9	706.8	739.4	770.5	800.4	831.3	861.6
-70°	402.4	433.4	456.6	480.7	508.9	535.3	561.6	588.0	612.9	640.1	668.2
-72.5°	300.3	315.4	330.7	350.2	367.1	386.1	405.1	425.3	445.9	465.7	484.1
-75°	240.4	250.0	261.5	271.1	278.3	287.6	298.1	310.9	323.7	336.5	348.5
-77.5°	213.9	220.5	225.7	229.8	233.4	238.1	242.9	251.9	261.5	272.2	283.1
-80°	193.3	197.6	201.2	204.2	206.9	210.9	214.8	222.6	230.9	238.9	246.6
-82.5°	172.5	176.0	179.0	181.7	184.1	187.9	191.6	197.8	204.1	211.8	219.6
-85°	152.3	155.4	158.3	160.7	163.0	165.9	168.8	174.6	180.4	186.6	192.8
-87.5°	135.2	137.9	140.4	142.4	144.4	146.9	149.3	153.9	158.5	163.5	168.5
-90°	2.7	2.7	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.4	0.9



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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°	155.0	155.4	155.4	155.4	155.4	155.4	155.0	154.5	150.1	145.7	141.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2	2.6	2.6
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.1	2.7	3.1
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.8
75°	3.2	2.7	2.7	2.7	2.7	2.7	3.2	3.6	3.9	4.0	3.9
72.5°	21.7	23.3	24.3	24.9	24.3	23.3	21.7	20.0	18.2	16.3	14.3
70°	28.0	28.3	28.4	28.4	28.4	28.3	28.0	27.5	26.5	25.3	23.9
67.5°	34.4	35.2	35.4	35.5	35.4	35.2	34.4	33.2	31.2	29.3	27.7
65°	22.0	20.3	18.9	17.8	18.9	20.3	22.0	23.0	23.0	23.3	23.7
62.5°	13.3	12.7	12.5	12.4	12.5	12.7	13.3	13.6	13.5	14.3	15.5
60°	7.9	8.1	7.7	7.1	7.7	8.1	7.9	7.8	7.8	8.0	8.6
57.5°	5.7	6.1	6.6	7.1	6.6	6.1	5.7	5.4	5.1	5.1	5.3
55°	8.6	9.4	10.1	10.7	10.1	9.4	8.6	7.9	7.2	6.7	7.2
52.5°	24.8	22.2	21.4	22.2	21.4	22.2	24.8	27.5	28.8	28.8	24.8
50°	140.6	143.4	146.9	151.0	146.9	143.4	140.6	136.6	128.8	117.6	101.7
47.5°	332.1	325.8	319.9	318.0	319.9	325.8	332.1	328.0	313.8	293.0	289.9
45°	629.6	583.3	559.7	573.7	559.7	583.3	629.6	680.2	629.8	551.7	488.9
42.5°	1270.8	1339.4	1393.0	1418.4	1393.0	1339.4	1270.8	1211.9	1102.2	995.1	874.0
40°	1593.1	1567.3	1581.2	1602.2	1581.2	1567.3	1593.1	1636.1	1608.7	1659.0	1633.2
37.5°	1961.2	1969.8	1907.8	1806.5	1907.8	1969.8	1961.2	1945.9	1977.2	1957.5	1926.2
35°	2139.7	2250.2	2456.8	2506.4	2456.8	2250.2	2139.7	2099.3	2080.2	2062.6	2037.0
32.5°	2363.2	2477.8	2513.0	2526.8	2513.0	2477.8	2363.2	2231.9	2179.9	2164.5	2152.9
30°	2630.3	2682.0	2669.0	2688.4	2669.0	2682.0	2630.3	2481.5	2366.2	2331.0	2300.4
27.5°	2922.9	2953.2	2943.3	2969.1	2943.3	2953.2	2922.9	2849.8	2684.4	2590.8	2501.9
25°	3678.3	3916.9	3904.5	3960.3	3904.5	3916.9	3678.3	3424.8	3120.4	2970.5	2800.6
22.5°	7451.3	8294.9	8800.1	8289.2	8800.1	8294.9	7451.3	5750.1	4352.5	3679.5	3254.4
20°	16648.9	19080.3	19609.6	19416.8	19609.6	19080.3	16648.9	12810.6	9348.2	5442.5	4199.6
17.5°	35737.5	45438.5	50647.5	51226.8	50647.5	45438.5	35737.5	24899.1	19398.3	12214.7	6847.2
15°	67255.6	84210.9	93837.7	94849.2	93837.7	84210.9	67255.6	51155.3	35571.2	23378.8	13618.2
12.5°	109946.6	136948.0	156770.2	158981.7	156770.2	136948.0	109946.6	85019.9	56953.4	38033.8	22804.9
10°	168423.5	204929.2	233796.6	240829.2	233796.6	204929.2	168423.5	126917.8	89535.9	55456.7	32046.7
7.5°	226789.3	268449.8	302424.8	310418.5	302424.8	268449.8	226789.3	171730.0	119643.9	77208.8	45234.0
5°	272415.8	325719.5	352832.1	361790.0	352832.1	325719.5	272415.8	212412.0	148085.3	96174.1	56481.2
2.5°	307194.4	357525.9	389355.3	402414.4	389355.3	357525.9	307194.4	243516.5	171294.4	110336.1	65278.2
0°	320619.8	369441.4	409974.4	435179.7	409974.4	369441.4	320619.8	255767.0	180332.8	116644.4	67690.4
-2.5°	315357.2	362364.0	396812.2	413162.4	396812.2	362364.0	315357.2	251164.6	177321.9	115142.0	69311.2
-5°	288753.5	336191.9	362826.3	371263.0	362826.3	336191.9	288753.5	227993.8	161973.3	106358.5	64545.8
-7.5°	244171.6	285928.0	317509.2	323170.1	317509.2	285928.0	244171.6	193022.9	135997.7	90386.3	55637.6
-10°	193520.8	229668.2	253760.5	258317.8	253760.5	229668.2	193520.8	149614.6	106978.6	70687.8	41974.5
-12.5°	137177.4	168929.1	187977.2	191492.0	187977.2	168929.1	137177.4	109170.7	77971.0	50880.4	32105.9
-15°	93218.9	112996.3	124541.3	125707.1	124541.3	112996.3	93218.9	72628.1	52326.3	35522.6	21245.0
-17.5°	58327.1	70091.3	77286.8	77353.5	77286.8	70091.3	58327.1	42883.7	32966.3	21958.6	13041.0
-20°	33768.0	39381.8	43407.5	43390.6	43407.5	39381.8	33768.0	25295.8	18686.0	11932.8	8305.0



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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°	17593.5	20930.1	23357.5	23246.5	23357.5	20930.1	17593.5	13207.2	9710.7	7435.5	6018.9
-25°	8639.2	9916.6	10766.8	10700.4	10766.8	9916.6	8639.2	7265.5	5987.9	5826.5	5665.9
-27.5°	5854.7	5995.3	6092.3	6102.5	6092.3	5995.3	5854.7	5736.1	5598.3	5634.6	5690.3
-30°	5624.6	5656.7	5690.6	5699.3	5690.6	5656.7	5624.6	5634.1	5658.8	5670.9	5688.1
-32.5°	5680.2	5705.3	5742.4	5765.9	5742.4	5705.3	5680.2	5666.3	5662.0	5668.6	5684.1
-35°	5684.2	5713.3	5756.3	5775.6	5756.3	5713.3	5684.2	5666.6	5659.5	5662.4	5646.2
-37.5°	5657.8	5693.4	5730.3	5747.2	5730.3	5693.4	5657.8	5629.8	5607.9	5591.9	5499.0
-40°	5557.4	5593.7	5620.7	5622.9	5620.7	5593.7	5557.4	5518.1	5474.0	5390.1	5181.5
-42.5°	5391.2	5436.2	5457.0	5453.2	5457.0	5436.2	5391.2	5297.8	5157.6	4942.2	4561.4
-45°	4998.8	5158.5	5236.9	5256.1	5236.9	5158.5	4998.8	4668.5	4320.2	3946.3	3445.8
-47.5°	3786.2	4020.3	4170.5	4230.3	4170.5	4020.3	3786.2	3365.0	3001.6	2674.0	2257.4
-50°	2319.0	2340.7	2355.1	2362.5	2355.1	2340.7	2319.0	2223.3	2150.2	2101.8	2035.3
-52.5°	2072.6	2078.8	2082.2	2082.7	2082.2	2078.8	2072.6	2050.6	2024.1	1996.2	1969.2
-55°	1997.3	2009.8	2017.7	2019.7	2017.7	2009.8	1997.3	1965.3	1920.9	1873.4	1822.8
-57.5°	1800.6	1807.8	1815.7	1820.7	1815.7	1807.8	1800.6	1768.8	1720.7	1671.4	1615.8
-60°	1565.0	1571.6	1572.9	1568.5	1572.9	1571.6	1565.0	1540.8	1500.5	1454.5	1403.6
-62.5°	1340.1	1346.2	1352.2	1354.4	1352.2	1346.2	1340.1	1319.4	1281.4	1238.4	1190.3
-65°	1108.4	1111.4	1112.8	1110.2	1112.8	1111.4	1108.4	1091.4	1055.1	1015.3	972.9
-67.5°	875.8	881.8	890.3	896.1	890.3	881.8	875.8	861.6	831.3	800.4	770.5
-70°	674.7	672.0	677.7	682.1	677.7	672.0	674.7	668.2	640.1	612.9	588.0
-72.5°	486.5	483.5	481.5	477.8	481.5	483.5	486.5	484.1	465.7	445.9	425.3
-75°	347.9	344.4	343.8	342.8	343.8	344.4	347.9	348.5	336.5	323.7	310.9
-77.5°	283.2	281.8	280.1	278.0	280.1	281.8	283.2	283.1	272.2	261.5	251.9
-80°	247.3	247.4	246.4	245.1	246.4	247.4	247.3	246.6	238.9	230.9	222.6
-82.5°	220.0	220.0	219.3	218.5	219.3	220.0	220.0	219.6	211.8	204.1	197.8
-85°	193.2	193.4	192.7	191.8	192.7	193.4	193.2	192.8	186.6	180.4	174.6
-87.5°	169.0	169.5	169.1	168.7	169.1	169.5	169.0	168.5	163.5	158.5	153.9
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	137.7	135.0	132.3	131.0	129.7	127.0	124.3	120.8	117.2	112.8	108.4
87.5°	1.8	2.2	2.6	2.6	2.7	2.7	2.7	2.7	2.7	3.2	3.6
85°	2.6	2.6	2.7	3.1	3.4	3.3	3.3	3.2	3.2	3.4	3.6
82.5°	2.7	3.1	3.4	3.5	3.6	3.6	3.6	3.8	3.8	3.8	3.7
80°	3.4	3.5	3.6	3.6	3.6	3.8	3.9	4.1	4.4	4.4	4.3
77.5°	3.0	3.4	3.6	3.8	3.9	4.2	4.4	4.4	4.5	4.8	4.9
75°	4.0	4.8	5.3	5.4	5.3	4.6	4.6	4.9	5.0	5.1	5.3
72.5°	12.6	11.6	11.1	10.6	9.8	9.5	9.0	8.3	7.4	6.2	5.3
70°	22.9	21.9	21.3	21.3	21.3	20.7	18.2	15.2	12.9	11.2	9.0
67.5°	27.7	28.9	30.1	31.0	30.5	30.2	28.0	24.8	23.8	21.6	15.7
65°	25.4	27.8	29.2	29.8	30.2	31.8	34.1	33.4	34.8	33.4	26.1
62.5°	18.1	21.2	22.9	24.3	24.6	26.2	30.6	35.4	42.5	44.4	36.0
60°	10.5	12.4	14.6	16.7	18.1	21.3	26.6	34.4	44.3	43.6	40.1
57.5°	6.7	8.2	10.3	12.0	12.5	16.3	21.9	31.6	41.6	41.2	36.1
55°	9.0	10.5	11.4	13.4	14.3	17.1	20.1	28.1	37.5	40.6	38.8
52.5°	17.7	23.7	25.5	23.2	23.1	24.4	26.0	32.4	38.1	42.7	44.3
50°	90.6	99.8	88.1	70.5	73.2	51.3	57.0	55.6	53.2	55.7	54.1
47.5°	277.3	256.6	236.0	217.7	195.0	168.8	162.8	125.8	122.2	90.9	90.6
45°	478.2	454.3	420.2	391.4	376.7	347.5	327.8	299.6	243.6	217.5	151.1
42.5°	869.4	735.4	618.6	565.9	513.9	490.9	475.7	457.3	427.4	374.6	313.3
40°	1478.1	1320.0	1097.7	812.8	689.4	607.8	579.2	572.9	557.8	529.4	464.6
37.5°	1914.5	1824.6	1601.4	1354.9	1021.9	815.2	713.2	657.8	654.3	639.2	596.2
35°	2010.2	1983.0	1939.5	1760.1	1477.1	1305.6	965.6	799.3	732.7	720.7	706.2
32.5°	2136.1	2107.3	2068.6	2035.1	1962.4	1939.7	1518.5	1055.5	838.5	794.5	771.4
30°	2269.7	2250.9	2224.8	2213.3	2219.1	2211.0	2112.9	1524.4	1073.6	866.0	839.7
27.5°	2454.2	2402.9	2382.2	2402.0	2442.1	2465.5	2390.4	2099.7	1405.6	1061.4	908.1
25°	2709.5	2632.4	2603.0	2647.6	2718.8	2747.4	2697.6	2506.6	2025.2	1322.5	979.6
22.5°	3048.9	2988.1	2974.1	3068.0	3089.2	3119.2	3026.6	2912.0	2653.1	1716.6	1197.3
20°	3537.0	3395.7	3389.9	3409.7	3409.2	3394.9	3281.7	3178.4	2894.7	2223.5	1441.4
17.5°	4554.9	3801.3	3688.3	3649.5	3616.9	3537.2	3470.9	3311.5	3106.3	2651.5	1678.2
15°	6577.8	4650.9	4029.4	3941.9	3887.2	3801.0	3716.1	3532.1	3338.8	2916.7	2017.5
12.5°	12669.6	5965.6	4330.6	4128.8	4085.5	4017.0	3912.3	3822.9	3567.1	3156.3	2368.1
10°	17866.8	8653.2	5168.8	4346.0	4196.0	4102.5	4021.0	3930.5	3716.0	3372.6	2711.0
7.5°	24855.9	12632.2	6117.7	4564.8	4336.8	4180.6	4075.0	3984.9	3810.6	3464.7	2938.4
5°	30411.7	15505.1	6854.6	4780.1	4519.2	4333.1	4137.9	4041.9	3869.0	3499.7	3088.3
2.5°	33724.8	17354.5	7298.6	4903.7	4653.1	4533.1	4239.6	4097.8	3891.4	3523.5	3183.4
0°	35670.8	18269.3	7745.6	4968.3	4716.1	4644.1	4399.9	4150.3	3883.0	3531.3	3229.3
-2.5°	37201.9	19202.4	7969.9	5094.5	4813.2	4733.5	4581.1	4353.3	3927.9	3541.0	3256.3
-5°	35491.1	18269.3	7945.4	5172.4	4897.6	4820.3	4699.2	4485.9	3996.0	3562.4	3236.6
-7.5°	31347.4	15788.3	7475.7	5238.4	4986.6	4905.7	4779.6	4569.2	4136.2	3671.8	3191.0
-10°	24604.3	12052.7	6616.5	5300.8	5101.8	4995.9	4858.2	4593.4	4194.9	3758.2	3095.4
-12.5°	18081.2	9167.5	5809.5	5327.1	5235.5	5099.2	4929.1	4584.6	4231.1	3874.4	3032.0
-15°	11708.5	7248.8	5701.8	5422.0	5321.0	5168.4	4964.9	4561.0	4239.2	3945.3	2882.5
-17.5°	8259.0	5954.3	5556.7	5464.7	5353.5	5206.6	4903.1	4533.1	4203.4	3742.9	2574.7
-20°	6033.3	5739.8	5631.5	5526.8	5377.2	5210.9	4804.9	4480.5	4108.3	3326.5	2305.3



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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°	5745.5	5736.4	5728.5	5608.1	5446.4	5099.3	4721.8	4395.3	3967.4	2915.1	2043.2
-25°	5716.7	5762.1	5759.1	5675.8	5425.3	5021.4	4664.2	4248.5	3500.9	2557.3	1799.7
-27.5°	5724.1	5758.6	5762.9	5639.4	5333.9	4954.2	4566.7	4014.7	2927.1	2176.3	1791.6
-30°	5713.3	5736.9	5680.6	5497.6	5190.4	4836.9	4447.5	3404.6	2477.1	1885.8	1768.2
-32.5°	5695.9	5644.9	5530.5	5269.3	4990.5	4692.8	3812.2	2802.7	2055.1	1852.6	1749.5
-35°	5609.9	5449.2	5221.5	4994.9	4796.2	4023.0	3113.9	2271.4	1930.1	1816.3	1729.8
-37.5°	5344.4	5110.8	4874.1	4601.3	3966.3	3206.7	2387.6	2014.0	1876.0	1793.4	1674.9
-40°	4914.2	4666.9	4178.1	3647.2	3009.0	2289.4	2057.8	1934.1	1851.8	1743.0	1597.5
-42.5°	4102.5	3640.8	3174.8	2625.1	2157.1	2062.6	1970.6	1900.3	1798.3	1654.9	1495.2
-45°	2998.7	2574.8	2181.2	2113.7	2038.4	1983.9	1932.6	1826.5	1700.7	1542.7	1384.1
-47.5°	2131.5	2085.1	2033.1	2009.3	1977.3	1925.3	1821.9	1710.6	1565.8	1413.3	1266.6
-50°	1993.3	1979.4	1967.4	1941.5	1865.8	1780.6	1675.6	1565.1	1425.5	1284.7	1145.6
-52.5°	1936.1	1888.5	1838.6	1780.7	1699.6	1604.8	1506.2	1407.0	1284.9	1152.1	1020.9
-55°	1768.9	1712.2	1654.7	1585.6	1509.5	1428.2	1344.2	1245.7	1136.2	1013.0	894.1
-57.5°	1556.3	1500.4	1452.4	1393.5	1325.2	1250.4	1166.6	1073.8	981.7	872.1	765.8
-60°	1350.4	1296.0	1253.6	1199.8	1135.1	1063.6	987.3	907.1	822.1	743.6	661.4
-62.5°	1144.7	1099.1	1053.6	1002.6	945.5	883.9	818.8	758.2	695.7	628.0	552.9
-65°	932.1	888.2	847.1	812.8	772.1	728.3	676.3	622.8	566.4	506.6	441.3
-67.5°	739.4	706.8	677.9	649.2	614.0	577.3	533.2	486.3	440.4	394.0	342.9
-70°	561.6	535.3	508.9	480.7	456.6	433.4	402.4	368.0	329.1	297.1	268.2
-72.5°	405.1	386.1	367.1	350.2	330.7	315.4	300.3	281.9	259.7	235.0	215.0
-75°	298.1	287.6	278.3	271.1	261.5	250.0	240.4	229.6	218.3	206.4	194.4
-77.5°	242.9	238.1	233.4	229.8	225.7	220.5	213.9	205.0	196.3	186.5	176.6
-80°	214.8	210.9	206.9	204.2	201.2	197.6	193.3	185.8	178.0	169.0	160.3
-82.5°	191.6	187.9	184.1	181.7	179.0	176.0	172.5	166.1	159.6	152.3	145.2
-85°	168.8	165.9	163.0	160.7	158.3	155.4	152.3	147.3	142.2	136.0	129.8
-87.5°	149.3	146.9	144.4	142.4	140.4	137.9	135.2	131.3	127.4	122.3	117.1
-90°	1.8	1.8	1.8	2.3	2.7	2.7	2.7	2.7	2.7	3.2	3.6



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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°	104.0	99.5	95.5	91.5	88.0	84.4	80.4	76.4	71.1	65.7	59.1
87.5°	3.6	3.6	3.8	4.1	4.0	4.0	4.2	4.4	4.4	4.4	4.5
85°	3.7	3.8	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7
82.5°	4.0	4.3	4.3	4.4	4.7	4.8	4.7	4.6	4.6	4.5	4.8
80°	4.3	4.4	4.6	4.7	5.0	5.3	5.2	5.1	5.1	5.1	5.2
77.5°	4.7	4.7	5.0	5.2	5.2	5.4	5.5	5.5	5.7	5.7	5.6
75°	5.3	5.2	5.2	5.4	5.4	5.4	5.7	5.9	6.1	6.2	5.9
72.5°	5.3	5.4	5.5	5.5	5.8	5.9	6.1	6.3	6.5	6.6	6.3
70°	7.0	5.9	5.9	6.1	6.2	6.4	6.6	6.8	6.9	7.0	6.8
67.5°	9.9	8.3	7.2	6.8	6.8	7.1	7.1	7.4	7.5	7.4	7.2
65°	19.2	13.3	8.8	8.3	7.8	7.8	7.9	8.2	8.2	8.3	7.7
62.5°	28.1	20.7	15.2	11.2	9.7	9.9	8.9	9.6	9.1	9.3	8.7
60°	36.8	28.5	22.3	17.7	14.3	12.9	12.3	11.1	11.0	10.5	9.9
57.5°	36.1	34.8	31.4	25.3	21.7	18.4	16.5	14.9	13.2	12.6	11.3
55°	35.5	35.5	39.4	35.5	31.2	26.1	23.0	19.9	16.4	15.2	12.9
52.5°	41.4	42.2	45.4	47.6	44.3	36.4	33.1	25.5	22.6	18.0	15.7
50°	51.5	56.0	56.6	61.6	59.0	53.8	44.3	36.5	29.4	22.1	18.7
47.5°	77.9	82.2	77.9	82.0	78.1	73.8	62.3	49.6	36.7	28.9	21.9
45°	149.4	124.7	120.7	113.8	104.8	99.8	84.2	63.9	49.9	36.4	25.1
42.5°	249.3	214.2	194.3	152.4	147.9	130.2	109.9	86.9	64.0	44.4	30.7
40°	389.4	337.2	290.4	242.8	201.5	164.5	142.8	113.0	79.1	54.8	38.0
37.5°	525.4	463.4	409.6	338.9	269.8	220.6	179.0	140.9	98.6	69.5	45.5
35°	638.6	580.7	508.5	432.7	360.2	277.7	217.7	172.2	124.7	84.9	53.3
32.5°	731.5	673.0	590.2	513.5	432.1	334.8	264.9	205.5	151.2	101.0	61.4
30°	800.9	745.1	666.4	577.0	490.5	394.2	312.2	237.1	178.0	117.7	70.8
27.5°	872.8	819.2	740.3	641.4	540.9	445.3	351.1	267.1	205.0	134.9	83.1
25°	944.7	889.7	816.6	712.7	591.4	485.4	386.4	295.5	230.6	152.9	94.8
22.5°	1007.5	954.7	892.6	788.0	648.5	524.2	419.5	326.3	248.0	169.5	105.7
20°	1065.2	1009.9	963.9	851.7	710.5	570.9	451.8	350.4	264.0	184.6	116.0
17.5°	1147.8	1059.0	1001.0	900.7	769.0	618.7	485.3	373.1	278.8	198.3	125.5
15°	1336.6	1107.2	1037.6	943.9	816.7	663.9	518.8	394.9	292.2	210.5	133.9
12.5°	1509.3	1152.8	1075.9	980.9	852.5	703.4	551.6	415.5	304.2	222.1	141.0
10°	1683.7	1197.2	1113.4	1016.7	883.1	737.5	583.2	436.8	319.1	233.1	147.3
7.5°	1875.1	1240.7	1148.5	1050.9	909.7	765.4	610.8	461.1	333.5	243.0	152.8
5°	2048.9	1280.7	1184.8	1089.1	936.4	787.4	634.4	483.3	346.7	251.6	157.5
2.5°	2170.6	1314.6	1220.6	1124.9	959.6	805.2	654.3	503.3	358.5	258.9	161.3
0°	2261.2	1344.7	1253.2	1156.4	978.7	818.9	670.6	520.5	368.6	264.7	164.3
-2.5°	2257.4	1369.9	1280.0	1186.7	1014.2	839.0	681.1	529.5	379.2	272.8	170.3
-5°	2218.9	1392.1	1304.2	1212.3	1044.0	854.6	688.2	535.6	387.9	279.2	175.3
-7.5°	2171.2	1416.9	1327.0	1233.0	1066.9	865.1	691.7	538.9	394.4	283.8	179.2
-10°	2092.5	1441.3	1348.2	1243.0	1071.6	871.3	692.8	539.4	398.8	286.6	181.9
-12.5°	1995.3	1463.7	1366.2	1247.0	1069.1	874.3	697.5	538.8	400.5	287.4	183.3
-15°	1866.1	1493.6	1388.3	1245.8	1061.9	873.2	697.0	535.0	397.3	285.3	183.3
-17.5°	1683.9	1516.0	1409.3	1241.6	1051.0	868.1	691.2	527.1	391.8	280.1	181.4
-20°	1662.2	1536.7	1420.9	1228.1	1035.7	857.3	679.6	514.7	383.9	273.0	177.9



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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°	1677.3	1560.2	1415.4	1205.6	1016.8	841.3	662.9	498.3	373.5	264.2	173.3
-25°	1680.5	1582.6	1407.2	1193.3	995.1	819.1	643.4	482.3	360.7	253.6	167.5
-27.5°	1679.2	1578.6	1394.5	1167.5	971.3	791.6	621.9	470.9	350.1	241.2	160.5
-30°	1675.2	1536.1	1349.5	1130.0	938.2	760.6	597.0	456.8	338.3	231.4	152.4
-32.5°	1652.0	1488.7	1291.7	1087.4	899.0	725.7	569.4	439.6	323.9	223.1	147.3
-35°	1591.4	1424.2	1232.7	1038.4	855.6	692.0	542.3	419.3	306.9	212.7	142.9
-37.5°	1525.0	1344.2	1172.8	984.9	808.2	654.1	517.1	397.3	287.4	200.3	137.9
-40°	1428.9	1256.9	1093.8	925.0	759.5	611.8	488.1	372.6	269.7	185.8	131.8
-42.5°	1328.1	1165.5	1010.3	854.3	707.3	573.7	455.4	344.5	250.8	174.9	124.4
-45°	1226.0	1071.2	923.2	784.7	651.3	531.1	420.0	314.2	229.3	165.1	118.8
-47.5°	1118.0	974.1	838.1	710.5	598.2	484.2	378.9	287.2	205.7	153.8	116.5
-50°	1006.7	875.0	752.1	641.3	537.8	433.6	336.3	257.2	191.0	141.0	113.8
-52.5°	894.3	775.0	669.9	572.1	474.4	378.4	297.6	225.3	174.8	134.3	110.6
-55°	779.4	682.5	591.2	499.3	407.9	329.0	256.3	203.9	157.2	130.1	107.3
-57.5°	679.8	594.8	508.3	422.9	347.2	279.2	224.5	181.3	148.7	125.3	105.1
-60°	581.5	501.6	421.6	353.6	289.7	237.6	198.1	162.9	142.6	120.6	102.6
-62.5°	479.2	408.2	346.5	287.4	242.8	206.1	173.9	154.5	135.6	117.1	99.8
-65°	383.3	326.4	273.7	239.8	206.5	178.9	163.5	145.6	129.8	113.2	96.7
-67.5°	291.6	260.3	229.1	198.7	181.1	166.8	152.5	138.3	124.2	109.0	93.4
-70°	239.2	211.2	193.3	180.2	167.3	154.7	143.7	131.5	118.4	104.8	89.9
-72.5°	201.9	189.0	176.7	165.0	155.0	144.9	135.1	124.4	112.8	100.4	86.2
-75°	182.3	171.8	162.5	153.3	144.0	135.0	126.8	117.7	107.0	95.8	82.3
-77.5°	167.0	157.9	149.6	141.6	133.8	126.2	118.7	110.6	100.9	90.7	78.2
-80°	152.5	144.8	137.6	130.4	123.8	117.3	110.3	103.1	94.3	85.3	73.9
-82.5°	138.6	132.1	125.5	118.9	113.0	107.1	101.2	95.3	87.6	79.8	69.8
-85°	124.2	118.7	112.8	106.9	101.8	96.7	92.6	88.2	81.7	75.2	66.3
-87.5°	112.6	108.0	103.3	98.6	94.6	90.6	86.5	82.4	76.4	70.5	62.7
-90°	3.6	3.6	3.6	3.6	3.6	3.6	4.0	4.4	4.4	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	52.4	43.5	34.6	24.4	14.2	9.3	4.4
87.5°	4.6	4.6	4.6	4.6	4.6	4.5	4.4
85°	4.9	4.8	4.7	4.8	4.7	4.6	4.4
82.5°	5.1	5.0	4.9	4.9	4.9	4.8	4.4
80°	5.3	5.2	5.0	5.1	5.0	4.9	4.4
77.5°	5.6	5.4	5.2	5.3	5.2	5.0	4.4
75°	5.8	5.7	5.4	5.5	5.4	5.1	4.4
72.5°	6.1	6.0	5.7	5.7	5.5	5.2	4.4
70°	6.4	6.3	6.1	5.9	5.7	5.3	4.4
67.5°	6.9	6.7	6.4	6.1	5.9	5.5	4.4
65°	7.5	7.1	6.7	6.4	6.1	5.6	4.4
62.5°	8.1	7.6	7.0	6.6	6.2	5.7	4.4
60°	8.6	8.2	7.3	6.8	6.4	5.8	4.4
57.5°	10.1	8.7	7.9	7.1	6.7	5.9	4.4
55°	11.7	9.3	8.6	7.3	7.0	6.0	4.4
52.5°	13.5	10.1	9.2	7.5	7.2	6.2	4.4
50°	15.4	12.0	9.9	7.7	7.5	6.3	4.4
47.5°	17.5	13.9	10.7	8.0	7.9	6.4	4.4
45°	20.4	15.9	11.5	8.6	8.2	6.5	4.4
42.5°	23.3	18.0	12.3	9.3	8.6	6.6	4.4
40°	26.3	20.1	13.6	10.2	9.0	6.7	4.4
37.5°	29.7	22.3	15.3	11.2	9.4	6.8	4.4
35°	33.1	24.8	16.9	12.3	9.8	6.9	4.4
32.5°	37.5	27.5	18.6	13.4	10.2	7.0	4.4
30°	44.0	30.2	20.3	14.6	10.7	7.1	4.4
27.5°	50.5	32.9	22.4	15.8	11.1	7.2	4.4
25°	56.9	35.6	24.6	17.0	11.6	7.3	4.4
22.5°	63.2	38.3	26.7	18.2	12.1	7.4	4.4
20°	69.3	41.2	28.7	19.4	12.5	7.5	4.4
17.5°	74.9	44.0	30.6	20.6	13.0	7.6	4.4
15°	79.9	46.6	32.4	21.8	13.5	7.7	4.4
12.5°	84.4	49.1	34.2	23.0	13.9	7.7	4.4
10°	88.5	51.5	35.9	24.2	14.4	7.8	4.4
7.5°	92.2	53.7	37.5	25.3	14.8	7.9	4.4
5°	95.4	55.8	39.0	26.4	15.2	7.9	4.4
2.5°	98.1	57.7	40.4	27.4	15.6	8.0	4.4
0°	100.4	59.5	41.7	28.4	16.0	8.0	4.4
-2.5°	103.6	62.0	43.5	29.7	16.8	8.3	4.4
-5°	106.3	64.3	45.3	30.8	17.6	8.7	4.4
-7.5°	108.5	66.4	46.9	31.9	18.4	9.0	4.4
-10°	110.2	68.3	48.4	33.0	19.1	9.3	4.4
-12.5°	111.3	69.9	49.7	33.9	19.8	9.6	4.4
-15°	111.8	71.4	50.9	34.8	20.5	9.9	4.4
-17.5°	111.8	72.6	52.0	35.5	21.0	10.2	4.4
-20°	111.3	73.6	52.9	36.2	21.6	10.5	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.5	74.4	53.7	36.8	22.1	10.7	4.4
-25°	109.0	75.1	54.3	37.4	22.5	10.9	4.4
-27.5°	106.8	75.5	54.8	37.8	22.8	11.1	4.4
-30°	104.0	75.8	55.1	38.1	23.1	11.3	4.4
-32.5°	100.5	75.8	55.5	38.4	23.4	11.5	4.4
-35°	99.1	75.5	55.8	38.5	23.6	11.6	4.4
-37.5°	98.5	75.3	55.9	38.6	23.7	11.7	4.4
-40°	97.7	75.2	55.9	38.6	23.7	11.8	4.4
-42.5°	96.5	75.0	55.8	38.5	23.7	11.9	4.4
-45°	94.9	74.6	55.8	38.5	23.7	12.0	4.4
-47.5°	93.0	74.0	55.6	38.3	23.5	12.0	4.4
-50°	91.8	73.2	55.2	38.1	23.3	12.0	4.4
-52.5°	90.5	72.2	54.7	37.9	23.0	12.0	4.4
-55°	88.9	71.2	54.1	37.5	22.7	11.9	4.4
-57.5°	87.1	70.0	53.3	37.0	22.3	11.9	4.4
-60°	85.1	68.7	52.4	36.4	21.9	11.8	4.4
-62.5°	83.0	67.1	51.4	35.7	21.5	11.7	4.4
-65°	80.7	65.3	50.2	34.9	21.1	11.5	4.4
-67.5°	78.1	63.4	48.9	34.0	20.6	11.4	4.4
-70°	75.3	61.3	47.5	33.0	20.1	11.2	4.4
-72.5°	72.4	59.1	46.0	32.2	19.5	11.0	4.4
-75°	69.4	56.7	44.3	31.3	18.8	10.8	4.4
-77.5°	66.2	54.2	42.8	30.3	18.1	10.6	4.4
-80°	62.8	52.1	41.4	29.3	17.4	10.4	4.4
-82.5°	60.2	50.1	39.8	28.1	16.7	10.1	4.4
-85°	57.7	48.0	38.2	27.0	15.9	9.9	4.4
-87.5°	55.1	45.8	36.4	25.7	15.0	9.6	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)