

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: P1306142 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306142 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

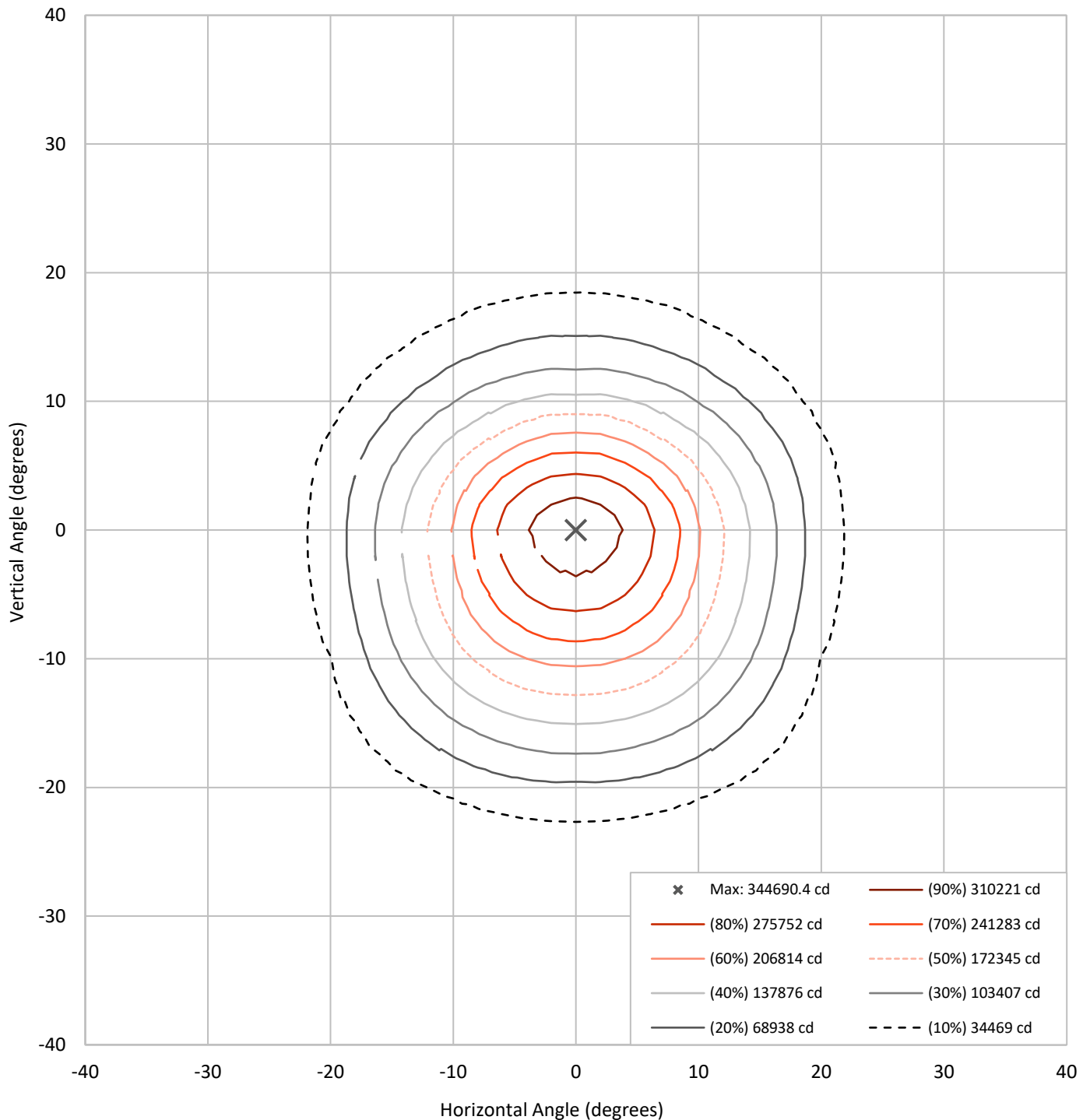
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	68037.7 lumens	Max Intensity:	344690.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	30828.8 lumens	Field Lumens:	58341.1 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%

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





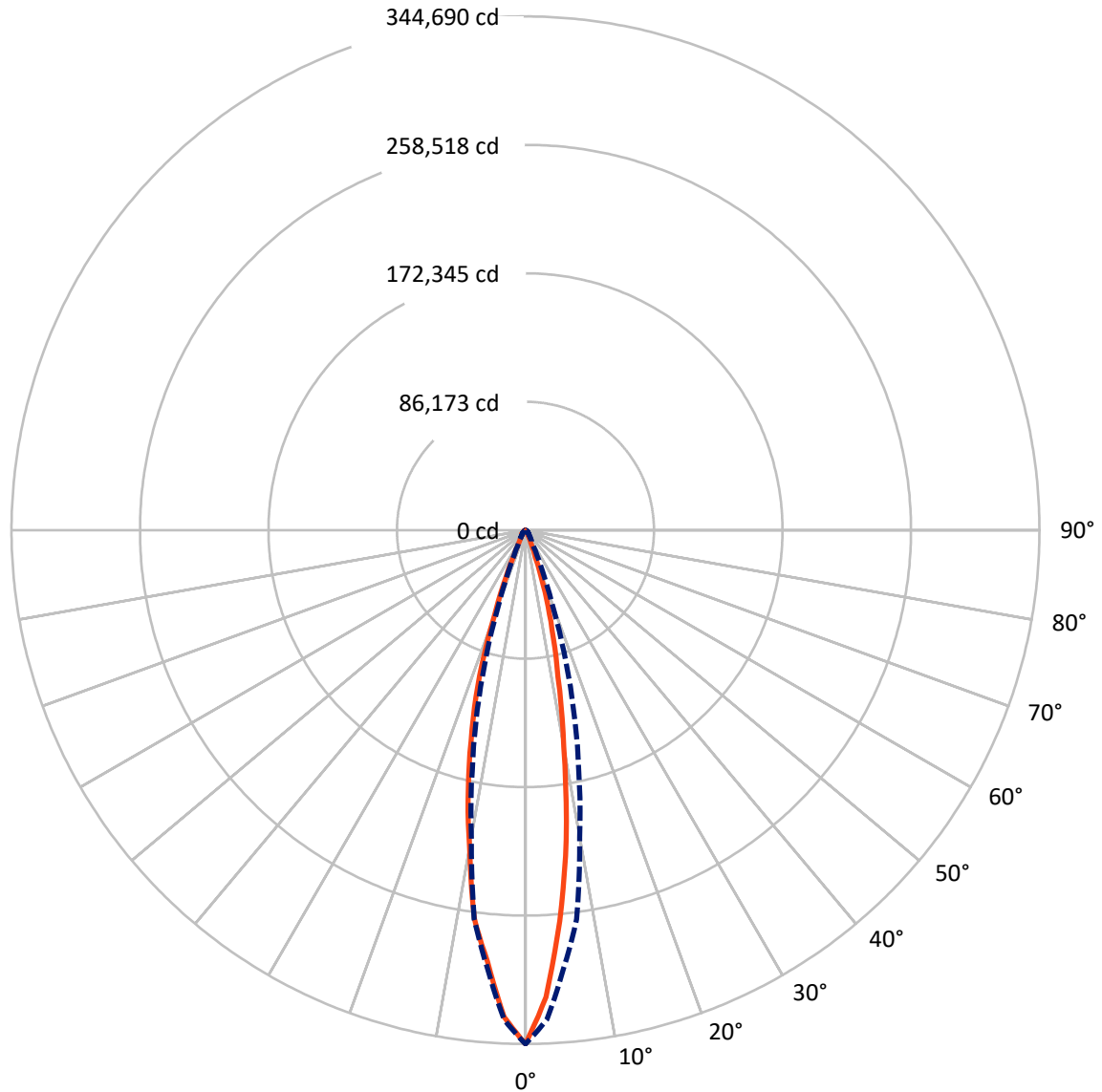
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Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.8	1.9	3.7	5.7	7.2	8.8	8.8	7.2	5.7	3.7	1.9	0.8	0.2				
30	0.3	0.4	2.8	9.0	23.7	40.8	93.5	195.4	195.4	93.5	40.8	23.7	9.0	2.8	0.4	0.3			
20		0.9	6.7	24.1	59.6	163.3	858.6	2015.9	2015.9	858.6	163.3	59.6	24.1	6.7	0.9				
10	0.4	1.8	11.8	45.2	109.1	491.8	2963.6	6779.7	6779.7	2963.6	491.8	109.1	45.2	11.8	1.8	0.4			
0		3.0	15.7	54.6	125.2	530.7	3420.1	7707.0	7707.0	3420.1	530.7	125.2	54.6	15.7	3.0				
-10	0.6	3.5	15.9	51.9	115.0	309.3	1748.8	3828.8	3828.8	1748.8	309.3	115.0	51.9	15.9	3.5	0.6			
-20		3.3	13.3	33.9	79.2	139.6	320.6	653.3	653.3	320.6	139.6	79.2	33.9	13.3	3.3				
-30	0.5	2.8	9.6	20.8	46.0	82.1	113.6	137.4	137.4	113.6	82.1	46.0	20.8	9.6	2.8	0.5			
-40		1.9	6.7	14.6	26.4	45.3	73.6	95.8	95.8	73.6	45.3	26.4	14.6	6.7	1.9				
-50	0.3	1.0	4.1	9.6	17.2	25.9	33.7	38.8	38.8	33.7	25.9	17.2	9.6	4.1	1.0	0.3			
-60		0.3	1.6	4.9	9.7	15.5	21.4	24.9	24.9	21.4	15.5	9.7	4.9	1.6	0.3				
-70	0.2	0.9	3.4		9.4		13.5		9.4		3.4		0.9		0.2				
-80		0.9	3.4		9.4		13.5		9.4		3.4		0.9						
-90	0.2	0.9		3.4		9.4		13.5		9.4		3.4		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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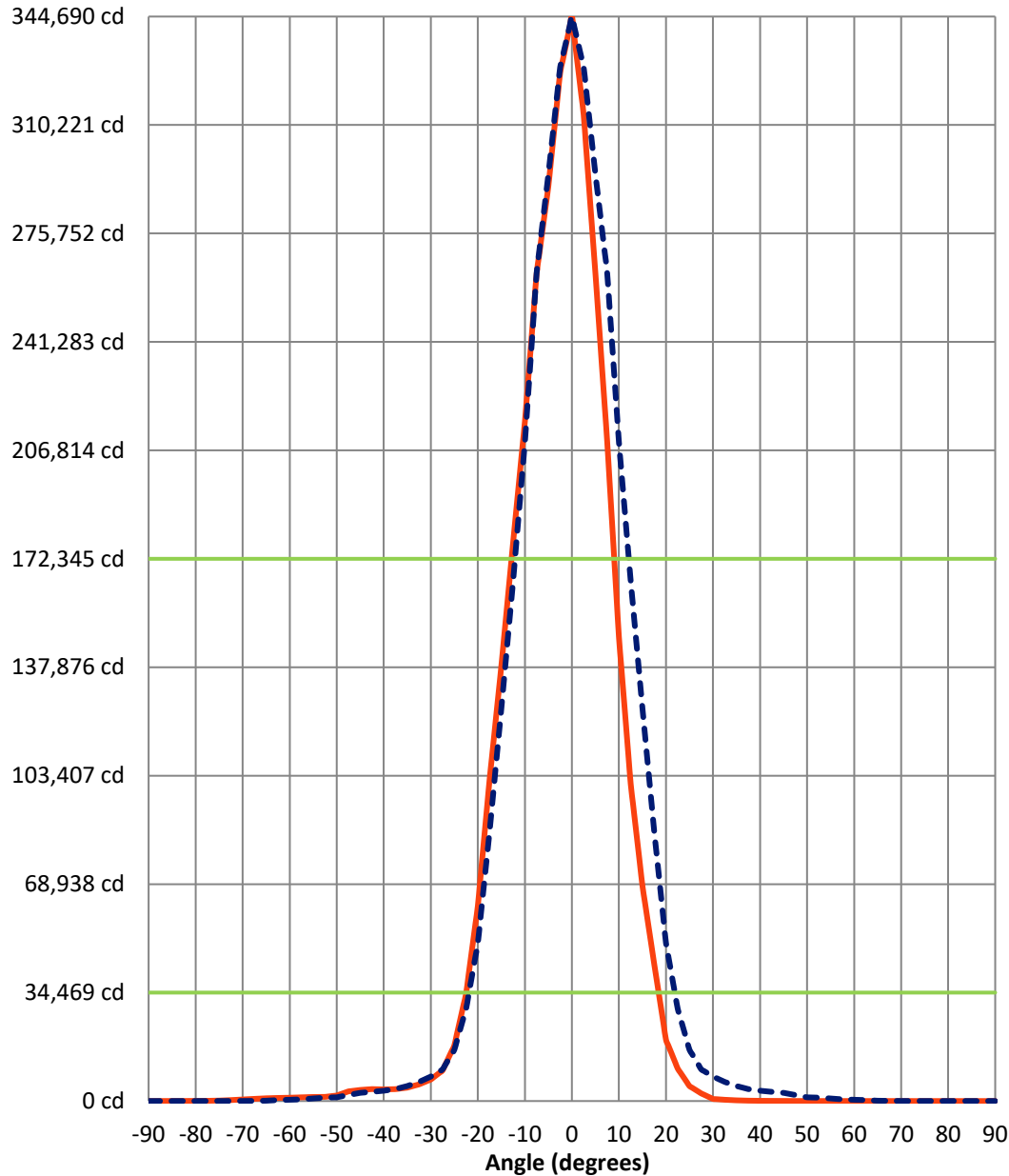
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 30828.8
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 58341.1
 Efficiency: 85.7%

Spill:
 Lumens: 9696.6
 Efficiency: 14.3%

— 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°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.3	9.8	10.2	10.6
87.5°	8.9	8.9	9.0	9.1	9.0	9.0	8.9	8.9	8.9	8.9	8.9
85°	8.9	9.0	9.2	9.2	9.2	9.1	8.9	8.9	8.9	8.9	8.9
82.5°	8.9	9.0	9.3	9.4	9.3	9.2	8.9	8.9	8.9	9.0	8.9
80°	8.9	9.0	9.5	9.6	9.5	9.3	9.0	9.2	9.2	9.2	8.9
77.5°	8.9	9.1	9.6	9.7	9.7	9.5	9.4	9.6	9.5	9.4	9.0
75°	8.9	9.1	9.7	9.9	9.8	9.7	9.9	10.0	9.9	9.4	9.0
72.5°	8.9	9.1	9.9	10.1	10.0	10.0	10.3	10.3	9.9	9.5	9.1
70°	8.9	9.2	10.0	10.3	10.1	10.3	10.6	10.3	9.9	9.5	9.1
67.5°	8.9	9.2	10.1	10.3	10.3	10.5	10.6	10.4	10.0	9.6	9.2
65°	8.9	9.2	10.2	10.4	10.4	10.6	10.6	10.4	10.0	9.7	9.4
62.5°	8.9	9.2	10.3	10.4	10.5	10.6	10.6	10.5	10.1	9.8	10.0
60°	8.9	9.3	10.4	10.5	10.6	10.6	10.6	10.6	10.2	10.1	10.5
57.5°	8.9	9.3	10.4	10.5	10.6	10.6	10.6	10.6	10.3	10.4	10.6
55°	8.9	9.3	10.3	10.5	10.6	10.6	10.6	10.6	10.5	10.6	10.6
52.5°	8.9	9.3	10.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
50°	8.9	9.3	10.3	10.6	10.6	10.6	10.6	10.7	10.6	10.6	11.4
47.5°	8.9	9.3	10.3	10.6	10.6	10.6	10.6	10.8	10.6	10.6	12.2
45°	8.9	9.3	10.3	10.6	10.6	10.6	10.8	11.0	10.7	11.2	12.9
42.5°	8.9	9.3	10.3	10.6	10.6	10.6	10.9	11.1	10.8	11.7	13.5
40°	8.9	9.3	10.3	10.6	10.6	10.6	11.1	11.2	11.1	12.1	14.0
37.5°	8.9	9.3	10.3	10.6	10.6	10.6	11.4	11.3	11.6	12.7	14.3
35°	8.9	9.3	10.3	10.6	10.6	10.7	11.6	11.5	12.1	13.4	14.4
32.5°	8.9	9.3	10.4	10.6	10.6	10.9	11.8	11.6	12.6	14.3	15.6
30°	8.9	9.3	10.4	10.6	10.6	11.1	11.9	11.8	13.0	15.2	17.2
27.5°	8.9	9.2	10.4	10.6	10.6	11.3	12.0	12.1	13.6	16.2	19.2
25°	8.9	9.2	10.4	10.6	10.6	11.5	12.1	12.5	14.4	17.6	21.6
22.5°	8.9	9.2	10.4	10.6	10.6	11.7	12.2	12.9	15.2	19.4	26.3
20°	8.9	9.2	10.5	10.6	10.6	11.8	12.4	13.2	16.1	21.3	30.9
17.5°	8.9	9.1	10.5	10.6	10.6	12.0	12.5	13.5	17.0	23.4	35.3
15°	8.9	9.1	10.5	10.6	10.6	12.1	12.7	13.9	17.8	25.5	39.5
12.5°	8.9	9.1	10.5	10.6	10.6	12.2	12.9	14.3	19.3	27.6	43.5
10°	8.9	9.0	10.6	10.6	10.6	12.3	13.2	14.7	21.5	31.9	50.4
7.5°	8.9	9.0	10.6	10.6	10.6	12.3	13.4	15.0	23.7	36.5	64.6
5°	8.9	9.0	10.6	10.6	10.6	12.4	13.7	15.4	26.0	41.1	79.4
2.5°	8.9	8.9	10.6	10.6	10.6	12.4	13.9	15.7	28.2	45.5	94.1
0°	8.9	8.9	10.6	10.6	10.6	12.4	14.2	16.0	30.2	49.7	108.3
-2.5°	8.9	8.9	10.6	10.6	10.6	12.4	15.6	21.3	40.1	66.0	131.6
-5°	8.9	8.9	10.6	10.6	10.6	12.4	16.9	26.4	49.5	81.7	153.4
-7.5°	8.9	8.9	10.6	10.6	10.6	12.3	18.1	31.1	58.3	96.3	173.2
-10°	8.9	8.9	10.5	10.6	10.6	12.3	19.2	35.3	66.2	109.7	190.6
-12.5°	8.9	8.9	10.5	10.6	10.6	12.2	20.0	38.9	73.2	121.4	202.8
-15°	8.9	8.9	10.5	10.6	10.6	12.1	20.5	41.7	79.4	130.7	211.3
-17.5°	8.9	8.9	10.4	10.6	10.6	12.0	20.7	44.3	84.9	138.6	217.4
-20°	8.9	8.9	10.4	10.6	10.6	11.8	21.0	46.6	89.0	144.8	220.9



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 CATALOG NUMBER: EPH-08-530N-40-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.9	8.9	10.3	10.6	10.6	11.7	21.6	47.7	91.4	149.4	221.7
-25°	8.9	8.9	10.3	10.6	10.6	11.9	21.6	47.7	92.1	152.1	219.8
-27.5°	8.9	8.9	10.2	10.6	10.6	12.1	21.1	46.5	91.0	152.9	221.9
-30°	8.9	8.9	10.1	10.6	10.6	12.3	19.8	43.9	89.1	151.3	221.8
-32.5°	8.9	8.9	10.1	10.6	10.8	12.3	17.9	42.0	86.0	147.2	219.2
-35°	8.9	8.9	10.0	10.6	10.9	12.1	17.2	39.8	81.1	140.4	214.1
-37.5°	8.9	8.9	9.9	10.6	11.0	12.0	17.0	36.4	74.2	131.0	198.2
-40°	8.9	8.9	9.8	10.6	11.1	12.2	16.6	32.0	65.4	120.8	180.1
-42.5°	8.9	8.9	9.7	10.6	11.2	12.3	16.0	26.5	57.8	106.4	160.7
-45°	8.9	8.9	9.6	10.7	11.3	12.4	15.2	22.4	50.3	90.3	140.4
-47.5°	8.9	8.9	9.5	10.7	11.3	12.4	14.1	21.1	41.3	73.1	121.0
-50°	8.9	8.9	9.4	10.6	11.4	12.4	14.0	19.5	30.7	61.0	100.1
-52.5°	8.9	8.9	9.3	10.5	11.4	12.4	13.9	17.6	25.6	47.9	78.7
-55°	8.9	8.9	9.1	10.3	11.3	12.4	13.8	15.7	22.9	33.9	62.8
-57.5°	8.9	8.9	9.0	10.2	11.3	12.3	13.7	15.4	19.9	27.9	45.9
-60°	8.9	8.9	8.9	10.0	11.2	12.2	13.5	15.1	17.2	23.9	32.3
-62.5°	8.9	8.9	8.9	9.8	11.0	12.0	13.2	14.7	16.5	19.7	27.3
-65°	8.9	8.9	8.9	9.7	10.8	11.9	13.0	14.2	15.7	17.9	21.9
-67.5°	8.9	8.9	8.9	9.5	10.5	11.6	12.6	13.7	14.9	16.7	19.1
-70°	8.9	8.9	8.9	9.3	10.3	11.3	12.3	13.1	14.1	15.4	17.3
-72.5°	8.9	8.9	8.9	9.2	10.0	11.0	11.9	12.6	13.3	14.3	15.5
-75°	8.9	8.9	8.9	9.2	9.7	10.6	11.5	12.0	12.5	13.2	14.2
-77.5°	8.9	8.9	8.9	9.2	9.6	10.3	11.1	11.5	11.9	12.2	12.7
-80°	8.9	8.9	8.9	9.1	9.5	10.0	10.6	11.0	11.3	11.5	11.8
-82.5°	8.9	8.9	8.9	9.1	9.3	9.7	10.2	10.5	10.6	10.9	11.1
-85°	8.9	8.9	8.9	9.0	9.2	9.4	9.8	10.1	10.3	10.5	10.6
-87.5°	8.9	8.9	8.9	9.0	9.0	9.2	9.3	9.7	10.0	10.3	10.6
-90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9



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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°	10.2	9.8	9.3	8.9	8.9	8.9	8.9	8.9	8.5	8.0	7.6
87.5°	8.5	8.0	7.6	7.1	7.1	7.1	7.1	7.1	6.7	6.2	5.8
85°	8.5	8.0	7.7	7.4	7.4	7.4	7.3	7.1	6.7	6.2	5.8
82.5°	8.6	8.5	8.4	8.4	8.2	8.0	7.6	7.1	6.7	6.2	5.8
80°	8.8	8.9	8.9	8.9	8.5	8.1	7.6	7.2	6.7	6.3	5.8
77.5°	8.9	8.9	8.9	8.9	8.6	8.1	7.7	7.2	6.8	6.3	5.9
75°	8.9	8.9	8.9	8.9	8.6	8.2	7.8	7.6	7.5	7.4	7.3
72.5°	8.9	8.9	8.9	8.9	8.7	8.5	8.6	8.8	9.1	9.2	9.1
70°	8.9	8.9	9.1	9.0	8.9	9.1	9.8	10.8	11.6	12.5	14.8
67.5°	9.0	9.4	9.5	9.4	9.6	10.4	11.5	16.3	22.1	24.8	26.2
65°	9.7	10.0	10.0	10.1	10.5	13.9	19.2	26.0	33.5	35.3	35.0
62.5°	10.5	10.4	10.4	11.5	14.2	18.9	26.1	34.0	42.4	40.7	35.2
60°	10.6	10.5	11.8	14.5	18.1	24.5	32.7	36.6	39.3	39.1	32.2
57.5°	10.6	11.5	14.0	17.6	23.1	28.4	30.2	32.5	34.4	35.4	27.8
55°	11.1	13.1	16.3	21.3	25.5	24.8	25.8	27.2	28.5	26.9	20.0
52.5°	12.3	14.6	18.8	23.3	24.1	22.3	20.9	22.0	21.1	18.3	15.1
50°	13.3	16.4	20.7	23.6	23.1	20.0	17.3	17.7	16.9	14.7	12.9
47.5°	14.5	18.0	22.3	24.1	21.6	19.6	17.3	16.7	15.8	16.4	15.5
45°	15.6	19.2	23.8	23.3	21.8	21.1	20.0	17.6	20.3	21.3	21.0
42.5°	16.4	20.2	23.7	23.0	24.2	24.8	24.4	25.4	27.0	29.5	30.5
40°	16.9	20.8	24.6	27.3	28.0	30.4	33.7	36.3	37.2	40.8	43.2
37.5°	17.2	22.7	28.2	35.1	34.2	39.2	44.8	54.3	57.2	53.8	60.5
35°	17.2	25.7	38.0	47.3	48.6	50.9	65.2	79.7	88.7	79.9	88.1
32.5°	19.0	29.7	50.3	63.6	73.1	75.5	89.7	119.6	135.0	137.2	138.0
30°	23.5	41.1	65.6	82.9	104.6	122.0	135.7	170.1	194.7	255.7	304.9
27.5°	29.1	54.9	84.0	111.9	144.4	176.6	209.1	236.3	315.9	430.5	558.3
25°	34.8	75.0	104.3	147.6	196.9	244.0	287.8	324.8	480.1	715.0	872.1
22.5°	45.7	98.7	133.7	187.4	254.8	316.8	370.8	468.8	686.0	1033.7	1202.8
20°	63.5	123.8	169.9	235.2	319.6	392.0	455.3	619.2	936.1	1262.2	1471.9
17.5°	83.0	150.0	209.2	295.4	403.4	483.4	548.4	765.4	1178.6	1490.1	1703.8
15°	103.6	177.0	248.0	360.9	495.2	594.4	726.1	992.9	1392.8	1714.0	1976.1
12.5°	124.7	204.4	286.0	429.9	592.7	706.5	942.9	1329.8	1686.7	1966.7	2358.9
10°	145.8	231.6	322.7	500.7	693.5	818.7	1181.3	1662.8	2007.6	2295.7	2746.7
7.5°	186.9	269.8	362.3	571.1	795.2	929.7	1431.2	1986.8	2308.2	2601.4	3076.6
5°	231.2	319.1	423.7	658.6	896.0	1029.9	1663.5	2295.7	2590.1	2885.3	3356.5
2.5°	274.2	366.5	483.0	743.7	990.6	1111.3	1802.4	2467.3	2772.9	3105.8	3594.6
0°	314.1	411.7	539.5	821.7	1077.2	1187.2	1914.9	2612.3	2926.4	3290.2	3803.1
-2.5°	346.3	456.0	592.5	866.0	1107.3	1230.4	1938.0	2665.6	3005.7	3395.4	3903.2
-5°	373.2	497.1	641.3	902.6	1130.6	1268.6	1933.3	2684.5	3072.2	3475.1	3994.4
-7.5°	394.2	534.4	685.5	929.0	1142.7	1286.7	1927.6	2709.9	3145.1	3529.5	4068.3
-10°	405.8	549.7	695.0	925.4	1139.7	1290.7	1885.4	2694.7	3204.7	3568.9	4091.4
-12.5°	393.7	544.9	692.5	913.7	1131.7	1290.0	1793.8	2636.2	3252.2	3595.9	4047.6
-15°	379.4	536.9	683.1	893.9	1119.3	1284.5	1647.9	2532.5	3228.3	3497.5	3919.3
-17.5°	363.9	525.7	665.9	866.0	1103.1	1274.5	1433.9	2269.6	2984.4	3329.3	3780.6
-20°	347.8	511.4	640.6	830.0	1080.0	1225.5	1333.2	1937.1	2635.7	3121.9	3537.8



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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°	331.9	494.1	613.5	796.8	996.6	1144.5	1258.9	1598.0	2274.6	2865.3	3175.5
-25°	323.4	468.9	590.9	735.6	907.7	1061.3	1172.6	1293.2	1897.2	2464.7	2855.3
-27.5°	319.4	446.1	557.3	674.6	823.4	973.3	1079.5	1193.3	1525.2	2061.4	2529.7
-30°	312.1	414.9	522.3	619.6	751.8	881.5	985.8	1103.2	1236.7	1669.8	2102.3
-32.5°	294.6	383.4	485.6	579.3	684.8	798.3	913.8	1028.6	1142.9	1300.5	1696.9
-35°	274.2	356.9	449.0	537.9	621.9	730.8	846.2	959.2	1056.2	1156.9	1376.3
-37.5°	257.6	328.4	412.9	497.0	576.3	669.4	775.7	885.4	984.5	1075.5	1200.5
-40°	239.4	297.8	378.7	458.3	532.8	612.9	707.7	806.7	909.0	1015.3	1113.1
-42.5°	219.5	275.9	343.3	420.1	490.0	563.7	639.5	731.2	831.7	944.0	1045.4
-45°	196.7	252.4	307.8	378.4	445.6	513.4	584.4	656.9	755.6	856.4	962.6
-47.5°	172.7	227.0	280.3	336.7	400.6	462.5	527.6	601.6	679.2	771.3	865.0
-50°	148.0	199.4	251.1	302.2	356.9	413.0	470.3	545.2	618.9	691.0	771.5
-52.5°	123.1	170.5	219.8	269.0	317.6	368.1	422.9	488.9	558.5	626.1	692.9
-55°	96.8	141.0	187.1	233.8	280.2	326.0	379.3	437.8	498.1	562.6	624.7
-57.5°	74.6	109.8	152.4	196.9	240.7	285.5	337.7	388.1	442.9	499.8	555.5
-60°	54.3	81.5	115.6	156.8	199.5	243.4	295.0	345.0	391.9	437.4	489.7
-62.5°	35.9	57.0	82.7	113.7	152.6	196.6	242.9	292.2	345.2	386.7	427.6
-65°	29.4	36.3	53.9	78.1	103.8	141.3	183.4	229.0	275.0	316.3	359.9
-67.5°	22.8	29.3	35.4	44.6	66.8	91.6	118.1	155.8	195.8	230.5	265.7
-70°	19.9	22.8	28.0	33.3	38.6	48.8	70.6	93.8	116.8	139.0	167.7
-72.5°	17.6	20.1	22.8	25.7	30.2	35.0	40.1	45.4	58.4	75.5	91.5
-75°	15.6	17.3	19.6	22.1	24.4	26.7	29.4	33.6	37.8	41.8	45.6
-77.5°	13.9	15.3	16.8	18.5	20.0	21.8	23.8	25.8	27.7	29.8	32.1
-80°	12.4	13.2	14.4	15.6	16.4	17.3	18.4	19.7	20.8	21.9	23.2
-82.5°	11.4	11.9	12.5	13.2	13.2	13.1	13.1	13.5	14.3	15.0	15.8
-85°	10.6	10.6	10.8	11.1	11.3	11.4	11.4	11.4	11.2	11.2	11.1
-87.5°	10.4	10.2	10.0	9.9	9.9	10.0	10.0	10.1	9.7	9.3	9.0
-90°	8.5	8.0	7.6	7.1	7.1	7.1	7.1	7.1	6.7	6.2	5.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.1	7.1	7.1	7.1	7.1	7.6	8.0	8.5	8.9	10.2	11.6
87.5°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.8	1.8
85°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.8	1.8
82.5°	5.3	5.1	5.0	4.9	4.8	4.5	4.1	3.7	3.3	3.0	2.6
80°	5.4	5.3	5.3	5.3	5.3	4.9	4.5	4.0	3.5	3.1	2.7
77.5°	5.6	5.6	5.6	5.5	5.4	4.9	4.5	4.0	3.6	3.1	2.7
75°	7.1	6.9	6.5	6.1	5.5	5.0	4.5	4.1	3.6	3.4	3.4
72.5°	8.8	8.3	7.9	8.3	8.2	8.0	7.8	7.3	6.5	6.5	6.7
70°	16.3	17.0	17.1	16.3	14.6	13.0	11.8	10.5	9.0	8.5	8.7
67.5°	25.9	24.6	23.1	21.1	18.1	15.4	13.8	12.2	10.7	10.2	10.4
65°	32.2	26.7	23.0	20.0	17.6	15.4	13.7	12.0	10.3	9.3	9.2
62.5°	29.4	23.1	19.1	16.7	15.0	13.7	11.5	9.8	8.4	7.7	8.0
60°	25.3	18.5	14.3	12.4	10.6	9.0	8.2	7.6	7.3	7.1	7.2
57.5°	20.1	14.0	10.5	9.8	8.9	7.7	7.3	7.4	7.3	7.1	7.1
55°	14.7	12.0	10.6	10.1	9.7	9.2	8.8	8.7	8.5	8.2	8.5
52.5°	11.9	11.9	12.1	11.9	11.5	11.0	10.5	10.5	10.7	11.0	11.5
50°	13.2	13.6	13.9	13.7	13.3	12.9	12.3	12.8	13.7	14.4	15.0
47.5°	15.4	15.9	16.9	15.8	15.9	16.9	16.3	16.5	19.1	20.8	21.8
45°	19.5	22.7	23.4	24.2	24.4	26.2	27.0	27.6	32.7	34.8	35.0
42.5°	31.1	34.1	36.5	38.8	38.4	44.2	52.0	56.3	56.1	55.2	56.1
40°	47.1	50.3	57.5	63.0	71.4	78.9	79.5	72.1	73.0	81.4	82.1
37.5°	70.7	80.6	94.9	110.8	115.1	110.2	113.1	118.4	124.0	131.8	140.8
35°	112.7	145.7	152.3	164.5	172.6	164.6	167.7	181.8	181.9	207.1	220.8
32.5°	199.9	250.6	266.2	255.2	276.5	289.4	249.9	299.6	309.1	334.9	366.5
30°	326.0	431.6	464.3	449.0	506.6	524.8	489.9	590.0	648.8	647.6	796.0
27.5°	619.6	672.3	733.5	827.1	839.2	870.4	1067.7	1220.3	1414.1	1597.2	1835.0
25°	947.9	977.8	1153.4	1269.0	1326.1	1534.7	1827.1	2065.6	2476.7	2860.4	3659.1
22.5°	1250.4	1362.1	1576.3	1761.4	1969.4	2305.2	2708.5	3151.0	4243.4	5587.3	7273.6
20°	1547.1	1694.2	1950.0	2283.0	2615.0	3071.8	3607.9	5010.1	7158.0	10413.5	13931.8
17.5°	1882.2	2023.6	2372.3	2842.5	3347.6	4032.3	5676.9	8356.1	12917.5	19286.0	25429.9
15°	2317.1	2560.5	2946.3	3641.0	4607.8	6221.5	8902.4	15510.7	24617.5	34521.4	45139.4
12.5°	2825.9	3227.1	3855.3	4752.9	6145.0	9957.3	16694.8	27306.3	40915.1	54824.8	72276.1
10°	3318.5	3989.5	4950.8	6365.2	9134.8	15143.1	25180.8	40495.6	61347.1	82853.5	102126.6
7.5°	3751.1	4639.1	5932.5	7914.9	12311.7	20995.2	35435.4	56776.0	82766.0	109342.4	135258.8
5°	4192.9	5248.8	6756.2	9075.5	14249.0	25231.4	43766.3	71680.2	103081.2	135270.1	169095.8
2.5°	4555.6	5760.7	7443.7	10037.5	15393.9	27508.0	48932.6	82060.9	118342.1	155193.7	197284.0
0°	4773.8	6078.2	7783.7	10067.6	16293.1	29301.4	50208.7	85735.6	124785.2	165302.4	209354.8
-2.5°	4780.6	6012.0	7618.0	9972.2	16100.7	28811.1	50297.7	85644.0	124438.7	163460.5	206933.1
-5°	4765.8	5861.3	7369.5	9629.7	14948.9	26253.4	46439.0	80095.2	118306.4	155235.6	194831.6
-7.5°	4742.9	5662.1	7016.6	9081.9	13474.9	23166.3	41994.6	72804.2	108856.4	143254.3	178699.4
-10°	4716.6	5455.9	6691.7	8612.0	12139.6	19494.2	33781.9	61840.2	94912.6	126654.2	155720.2
-12.5°	4694.0	5371.2	6430.1	7964.6	10516.3	16335.5	28520.6	50537.2	77319.4	104121.8	129869.7
-15°	4607.3	5259.0	6216.6	7483.8	9552.6	13622.3	21290.9	36509.4	58501.3	79673.6	100112.7
-17.5°	4430.0	5099.4	5701.9	6688.3	8180.6	10834.4	15858.8	25029.1	39149.6	55699.9	70119.4
-20°	4082.4	4541.3	5041.0	5878.9	7027.3	8424.5	10715.9	15941.1	22655.1	33450.6	41010.9



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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°	3566.3	3952.3	4372.8	4931.0	5738.6	6724.6	7947.3	9879.1	13382.6	17543.4	22142.0
-25°	3095.6	3373.0	3762.7	4242.2	4674.5	5317.7	6174.6	6924.0	8437.3	9661.4	12190.6
-27.5°	2738.9	2969.4	3322.3	3694.3	4013.4	4358.1	4954.3	5484.0	6220.3	6863.1	7891.3
-30°	2480.9	2717.1	3000.8	3282.7	3585.7	3877.9	4144.8	4546.5	4988.1	5407.4	5951.3
-32.5°	2162.4	2535.1	2740.5	2979.0	3248.5	3504.1	3707.6	3961.6	4204.7	4482.4	4780.8
-35°	1829.7	2237.0	2552.2	2735.4	2935.6	3179.7	3388.2	3562.0	3723.1	3895.5	4053.1
-37.5°	1437.8	1887.9	2247.0	2518.1	2700.9	2871.3	3095.0	3262.0	3368.5	3511.5	3619.2
-40°	1235.8	1416.0	1824.2	2192.6	2428.2	2696.6	2904.8	3081.6	3276.7	3428.8	3516.7
-42.5°	1137.3	1241.8	1350.4	1651.4	2020.1	2342.4	2610.7	2901.5	3162.4	3369.9	3563.0
-45°	1061.2	1135.4	1212.8	1312.6	1415.8	1717.4	2048.2	2388.3	2692.8	2977.4	3221.6
-47.5°	959.6	1046.5	1117.1	1180.2	1243.7	1336.3	1435.3	1573.3	1866.0	2162.7	2445.7
-50°	855.0	934.9	1012.9	1086.2	1145.6	1192.3	1229.8	1290.6	1378.8	1466.6	1552.8
-52.5°	756.5	830.7	901.4	972.4	1041.9	1103.6	1158.2	1201.3	1236.7	1266.9	1287.3
-55°	686.1	744.4	799.4	867.1	933.9	996.0	1053.5	1106.3	1154.5	1198.3	1228.5
-57.5°	612.8	670.1	726.9	783.9	839.1	892.5	946.1	998.4	1047.4	1092.1	1122.0
-60°	540.3	589.2	645.7	704.5	759.5	810.9	860.8	907.7	951.4	988.9	1013.1
-62.5°	471.8	518.0	566.8	619.7	675.4	729.8	779.7	827.1	872.1	908.4	931.9
-65°	402.6	441.4	483.2	526.9	572.1	618.4	665.9	714.4	763.2	802.3	828.1
-67.5°	302.4	341.3	382.3	425.0	463.5	498.9	533.1	568.4	604.2	633.8	657.2
-70°	196.7	225.8	254.3	283.5	315.5	347.9	378.9	408.0	434.9	456.5	474.0
-72.5°	106.3	120.4	136.2	158.4	179.8	201.3	222.6	242.7	261.5	275.6	286.6
-75°	49.3	55.7	67.7	78.8	89.0	99.4	109.5	118.8	127.2	133.2	137.8
-77.5°	35.0	37.9	40.7	43.6	46.5	50.4	54.6	58.7	62.8	66.7	70.4
-80°	24.6	26.2	27.8	29.3	30.8	33.0	35.4	37.8	40.3	42.7	45.1
-82.5°	16.5	17.5	18.6	19.6	20.6	21.9	23.2	24.4	25.6	27.6	29.6
-85°	11.1	11.6	12.1	12.6	13.2	14.2	15.3	16.3	17.3	18.8	20.2
-87.5°	8.6	8.6	8.7	8.7	8.7	9.6	10.5	11.4	12.3	13.6	15.0
-90°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	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°	12.9	14.2	15.1	16.0	15.1	14.2	12.9	11.6	10.2	8.9	8.5
87.5°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.2
85°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.2
82.5°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.6	3.0	3.3	3.7
80°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	4.0
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.1	3.6	4.0
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	4.1
72.5°	6.9	7.0	7.1	7.1	7.1	7.0	6.9	6.7	6.5	6.5	7.3
70°	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.7	8.5	9.0	10.5
67.5°	10.5	10.5	10.6	10.6	10.6	10.5	10.5	10.4	10.2	10.7	12.2
65°	9.1	9.0	8.9	8.9	8.9	9.0	9.1	9.2	9.3	10.3	12.0
62.5°	8.3	8.8	8.9	8.9	8.9	8.8	8.3	8.0	7.7	8.4	9.8
60°	7.2	7.2	7.1	7.1	7.1	7.2	7.2	7.2	7.1	7.3	7.6
57.5°	7.1	7.1	7.8	8.9	7.8	7.1	7.1	7.1	7.1	7.3	7.4
55°	8.7	8.8	9.5	10.6	9.5	8.8	8.7	8.5	8.2	8.5	8.7
52.5°	11.9	12.2	12.4	12.4	12.4	12.2	11.9	11.5	11.0	10.7	10.5
50°	15.4	15.7	15.9	16.0	15.9	15.7	15.4	15.0	14.4	13.7	12.8
47.5°	22.5	22.8	23.0	23.1	23.0	22.8	22.5	21.8	20.8	19.1	16.5
45°	36.3	36.8	37.0	37.3	37.0	36.8	36.3	35.0	34.8	32.7	27.6
42.5°	58.4	59.4	59.3	58.6	59.3	59.4	58.4	56.1	55.2	56.1	56.3
40°	83.4	83.4	82.4	81.6	82.4	83.4	83.4	82.1	81.4	73.0	72.1
37.5°	145.0	139.8	130.4	126.0	130.4	139.8	145.0	140.8	131.8	124.0	118.4
35°	224.4	227.8	228.7	227.2	228.7	227.8	224.4	220.8	207.1	181.9	181.8
32.5°	375.3	393.3	399.1	409.9	399.1	393.3	375.3	366.5	334.9	309.1	299.6
30°	772.6	767.2	699.9	670.8	699.9	767.2	772.6	796.0	647.6	648.8	590.0
27.5°	2081.5	2321.1	2435.4	2426.0	2435.4	2321.1	2081.5	1835.0	1597.2	1414.1	1220.3
25°	4286.8	4671.9	4927.4	4759.6	4927.4	4671.9	4286.8	3659.1	2860.4	2476.7	2065.6
22.5°	8844.2	9683.8	10141.3	10305.4	10141.3	9683.8	8844.2	7273.6	5587.3	4243.4	3151.0
20°	17723.7	19308.9	20466.6	19500.0	20466.6	19308.9	17723.7	13931.8	10413.5	7158.0	5010.1
17.5°	32904.0	37835.1	42197.4	43560.8	42197.4	37835.1	32904.0	25429.9	19286.0	12917.5	8356.1
15°	55375.9	63703.7	68653.8	68365.2	68653.8	63703.7	55375.9	45139.4	34521.4	24617.5	15510.7
12.5°	85202.1	95479.1	102336.2	100811.3	102336.2	95479.1	85202.1	72276.1	54824.8	40915.1	27306.3
10°	121040.7	136606.9	147917.0	147396.1	147917.0	136606.9	121040.7	102126.6	82853.5	61347.1	40495.6
7.5°	158197.2	183751.4	205931.3	209663.6	205931.3	183751.4	158197.2	135258.8	109342.4	82766.0	56776.0
5°	206113.6	239795.0	261821.8	263080.9	261821.8	239795.0	206113.6	169095.8	135270.1	103081.2	71680.2
2.5°	244981.9	283620.1	302208.9	313471.4	302208.9	283620.1	244981.9	197284.0	155193.7	118342.1	82060.9
0°	263191.8	294602.4	328588.0	344690.4	328588.0	294602.4	263191.8	209354.8	165302.4	124785.2	85735.6
-2.5°	255721.0	289379.8	309771.4	326837.3	309771.4	289379.8	255721.0	206933.1	163460.5	124438.7	85644.0
-5°	238777.9	272128.2	289235.2	290831.2	289235.2	272128.2	238777.9	194831.6	155235.6	118306.4	80095.2
-7.5°	211117.9	239397.2	257357.7	262946.0	257357.7	239397.2	211117.9	178699.4	143254.3	108856.4	72804.2
-10°	181722.4	202059.8	213667.3	215892.7	213667.3	202059.8	181722.4	155720.2	126654.2	94912.6	61840.2
-12.5°	151161.4	167811.6	175820.9	177570.7	175820.9	167811.6	151161.4	129869.7	104121.8	77319.4	50537.2
-15°	117307.4	129836.3	137047.9	138302.8	137047.9	129836.3	117307.4	100112.7	79673.6	58501.3	36509.4
-17.5°	83731.8	93912.5	101217.8	102188.4	101217.8	93912.5	83731.8	70119.4	55699.9	39149.6	25029.1
-20°	51436.2	58363.2	62636.9	62010.2	62636.9	58363.2	51436.2	41010.9	33450.6	22655.1	15941.1



REPORT NUMBER: P1306142 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	27692.5	31426.5	33232.5	34165.7	33232.5	31426.5	27692.5	22142.0	17543.4	13382.6	9879.1
-25°	14638.2	16219.5	17030.9	17666.7	17030.9	16219.5	14638.2	12190.6	9661.4	8437.3	6924.0
-27.5°	8709.9	9253.7	9555.7	9721.6	9555.7	9253.7	8709.9	7891.3	6863.1	6220.3	5484.0
-30°	6385.2	6645.7	6783.4	6852.0	6783.4	6645.7	6385.2	5951.3	5407.4	4988.1	4546.5
-32.5°	5020.2	5174.8	5269.9	5304.5	5269.9	5174.8	5020.2	4780.8	4482.4	4204.7	3961.6
-35°	4164.5	4216.2	4234.8	4268.1	4234.8	4216.2	4164.5	4053.1	3895.5	3723.1	3562.0
-37.5°	3701.3	3749.5	3772.9	3792.4	3772.9	3749.5	3701.3	3619.2	3511.5	3368.5	3262.0
-40°	3557.2	3608.3	3660.6	3698.4	3660.6	3608.3	3557.2	3516.7	3428.8	3276.7	3081.6
-42.5°	3647.3	3730.7	3788.1	3796.0	3788.1	3730.7	3647.3	3563.0	3369.9	3162.4	2901.5
-45°	3360.3	3455.4	3507.2	3524.5	3507.2	3455.4	3360.3	3221.6	2977.4	2692.8	2388.3
-47.5°	2696.5	2913.8	3043.5	3071.9	3043.5	2913.8	2696.5	2445.7	2162.7	1866.0	1573.3
-50°	1636.5	1714.0	1756.5	1762.2	1756.5	1714.0	1636.5	1552.8	1466.6	1378.8	1290.6
-52.5°	1303.6	1317.4	1326.0	1331.0	1326.0	1317.4	1303.6	1287.3	1266.9	1236.7	1201.3
-55°	1255.0	1278.2	1291.3	1297.3	1291.3	1278.2	1255.0	1228.5	1198.3	1154.5	1106.3
-57.5°	1148.7	1172.2	1182.7	1185.5	1182.7	1172.2	1148.7	1122.0	1092.1	1047.4	998.4
-60°	1035.1	1055.0	1061.3	1061.2	1061.3	1055.0	1035.1	1013.1	988.9	951.4	907.7
-62.5°	954.2	975.0	985.1	990.3	985.1	975.0	954.2	931.9	908.4	872.1	827.1
-65°	850.5	869.5	877.5	880.2	877.5	869.5	850.5	828.1	802.3	763.2	714.4
-67.5°	678.0	696.0	701.1	701.0	701.1	696.0	678.0	657.2	633.8	604.2	568.4
-70°	488.8	500.7	502.7	500.5	502.7	500.7	488.8	474.0	456.5	434.9	408.0
-72.5°	295.6	302.4	305.0	305.2	305.0	302.4	295.6	286.6	275.6	261.5	242.7
-75°	141.3	143.9	146.0	147.3	146.0	143.9	141.3	137.8	133.2	127.2	118.8
-77.5°	74.0	77.4	78.8	79.9	78.8	77.4	74.0	70.4	66.7	62.8	58.7
-80°	47.3	49.4	49.6	49.7	49.6	49.4	47.3	45.1	42.7	40.3	37.8
-82.5°	31.6	33.5	33.7	33.7	33.7	33.5	31.6	29.6	27.6	25.6	24.4
-85°	21.6	23.0	23.9	24.8	23.9	23.0	21.6	20.2	18.8	17.3	16.3
-87.5°	16.3	17.7	17.7	17.7	17.7	17.7	16.3	15.0	13.6	12.3	11.4
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.0	7.6	7.1	7.1	7.1	7.1	7.1	7.6	8.0	8.5	8.9
87.5°	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.8	6.2	6.7	7.1
85°	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.8	6.2	6.7	7.1
82.5°	4.1	4.5	4.8	4.9	5.0	5.1	5.3	5.8	6.2	6.7	7.1
80°	4.5	4.9	5.3	5.3	5.3	5.3	5.4	5.8	6.3	6.7	7.2
77.5°	4.5	4.9	5.4	5.5	5.6	5.6	5.6	5.9	6.3	6.8	7.2
75°	4.5	5.0	5.5	6.1	6.5	6.9	7.1	7.3	7.4	7.5	7.6
72.5°	7.8	8.0	8.2	8.3	7.9	8.3	8.8	9.1	9.2	9.1	8.8
70°	11.8	13.0	14.6	16.3	17.1	17.0	16.3	14.8	12.5	11.6	10.8
67.5°	13.8	15.4	18.1	21.1	23.1	24.6	25.9	26.2	24.8	22.1	16.3
65°	13.7	15.4	17.6	20.0	23.0	26.7	32.2	35.0	35.3	33.5	26.0
62.5°	11.5	13.7	15.0	16.7	19.1	23.1	29.4	35.2	40.7	42.4	34.0
60°	8.2	9.0	10.6	12.4	14.3	18.5	25.3	32.2	39.1	39.3	36.6
57.5°	7.3	7.7	8.9	9.8	10.5	14.0	20.1	27.8	35.4	34.4	32.5
55°	8.8	9.2	9.7	10.1	10.6	12.0	14.7	20.0	26.9	28.5	27.2
52.5°	10.5	11.0	11.5	11.9	12.1	11.9	11.9	15.1	18.3	21.1	22.0
50°	12.3	12.9	13.3	13.7	13.9	13.6	13.2	12.9	14.7	16.9	17.7
47.5°	16.3	16.9	15.9	15.8	16.9	15.9	15.4	15.5	16.4	15.8	16.7
45°	27.0	26.2	24.4	24.2	23.4	22.7	19.5	21.0	21.3	20.3	17.6
42.5°	52.0	44.2	38.4	38.8	36.5	34.1	31.1	30.5	29.5	27.0	25.4
40°	79.5	78.9	71.4	63.0	57.5	50.3	47.1	43.2	40.8	37.2	36.3
37.5°	113.1	110.2	115.1	110.8	94.9	80.6	70.7	60.5	53.8	57.2	54.3
35°	167.7	164.6	172.6	164.5	152.3	145.7	112.7	88.1	79.9	88.7	79.7
32.5°	249.9	289.4	276.5	255.2	266.2	250.6	199.9	138.0	137.2	135.0	119.6
30°	489.9	524.8	506.6	449.0	464.3	431.6	326.0	304.9	255.7	194.7	170.1
27.5°	1067.7	870.4	839.2	827.1	733.5	672.3	619.6	558.3	430.5	315.9	236.3
25°	1827.1	1534.7	1326.1	1269.0	1153.4	977.8	947.9	872.1	715.0	480.1	324.8
22.5°	2708.5	2305.2	1969.4	1761.4	1576.3	1362.1	1250.4	1202.8	1033.7	686.0	468.8
20°	3607.9	3071.8	2615.0	2283.0	1950.0	1694.2	1547.1	1471.9	1262.2	936.1	619.2
17.5°	5676.9	4032.3	3347.6	2842.5	2372.3	2023.6	1882.2	1703.8	1490.1	1178.6	765.4
15°	8902.4	6221.5	4607.8	3641.0	2946.3	2560.5	2317.1	1976.1	1714.0	1392.8	992.9
12.5°	16694.8	9957.3	6145.0	4752.9	3855.3	3227.1	2825.9	2358.9	1966.7	1686.7	1329.8
10°	25180.8	15143.1	9134.8	6365.2	4950.8	3989.5	3318.5	2746.7	2295.7	2007.6	1662.8
7.5°	35435.4	20995.2	12311.7	7914.9	5932.5	4639.1	3751.1	3076.6	2601.4	2308.2	1986.8
5°	43766.3	25231.4	14249.0	9075.5	6756.2	5248.8	4192.9	3356.5	2885.3	2590.1	2295.7
2.5°	48932.6	27508.0	15393.9	10037.5	7443.7	5760.7	4555.6	3594.6	3105.8	2772.9	2467.3
0°	50208.7	29301.4	16293.1	10067.6	7783.7	6078.2	4773.8	3803.1	3290.2	2926.4	2612.3
-2.5°	50297.7	28811.1	16100.7	9972.2	7618.0	6012.0	4780.6	3903.2	3395.4	3005.7	2665.6
-5°	46439.0	26253.4	14948.9	9629.7	7369.5	5861.3	4765.8	3994.4	3475.1	3072.2	2684.5
-7.5°	41994.6	23166.3	13474.9	9081.9	7016.6	5662.1	4742.9	4068.3	3529.5	3145.1	2709.9
-10°	33781.9	19494.2	12139.6	8612.0	6691.7	5455.9	4716.6	4091.4	3568.9	3204.7	2694.7
-12.5°	28520.6	16335.5	10516.3	7964.6	6430.1	5371.2	4694.0	4047.6	3595.9	3252.2	2636.2
-15°	21290.9	13622.3	9552.6	7483.8	6216.6	5259.0	4607.3	3919.3	3497.5	3228.3	2532.5
-17.5°	15858.8	10834.4	8180.6	6688.3	5701.9	5099.4	4430.0	3780.6	3329.3	2984.4	2269.6
-20°	10715.9	8424.5	7027.3	5878.9	5041.0	4541.3	4082.4	3537.8	3121.9	2635.7	1937.1



REPORT NUMBER: P1306142 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7947.3	6724.6	5738.6	4931.0	4372.8	3952.3	3566.3	3175.5	2865.3	2274.6	1598.0
-25°	6174.6	5317.7	4674.5	4242.2	3762.7	3373.0	3095.6	2855.3	2464.7	1897.2	1293.2
-27.5°	4954.3	4358.1	4013.4	3694.3	3322.3	2969.4	2738.9	2529.7	2061.4	1525.2	1193.3
-30°	4144.8	3877.9	3585.7	3282.7	3000.8	2717.1	2480.9	2102.3	1669.8	1236.7	1103.2
-32.5°	3707.6	3504.1	3248.5	2979.0	2740.5	2535.1	2162.4	1696.9	1300.5	1142.9	1028.6
-35°	3388.2	3179.7	2935.6	2735.4	2552.2	2237.0	1829.7	1376.3	1156.9	1056.2	959.2
-37.5°	3095.0	2871.3	2700.9	2518.1	2247.0	1887.9	1437.8	1200.5	1075.5	984.5	885.4
-40°	2904.8	2696.6	2428.2	2192.6	1824.2	1416.0	1235.8	1113.1	1015.3	909.0	806.7
-42.5°	2610.7	2342.4	2020.1	1651.4	1350.4	1241.8	1137.3	1045.4	944.0	831.7	731.2
-45°	2048.2	1717.4	1415.8	1312.6	1212.8	1135.4	1061.2	962.6	856.4	755.6	656.9
-47.5°	1435.3	1336.3	1243.7	1180.2	1117.1	1046.5	959.6	865.0	771.3	679.2	601.6
-50°	1229.8	1192.3	1145.6	1086.2	1012.9	934.9	855.0	771.5	691.0	618.9	545.2
-52.5°	1158.2	1103.6	1041.9	972.4	901.4	830.7	756.5	692.9	626.1	558.5	488.9
-55°	1053.5	996.0	933.9	867.1	799.4	744.4	686.1	624.7	562.6	498.1	437.8
-57.5°	946.1	892.5	839.1	783.9	726.9	670.1	612.8	555.5	499.8	442.9	388.1
-60°	860.8	810.9	759.5	704.5	645.7	589.2	540.3	489.7	437.4	391.9	345.0
-62.5°	779.7	729.8	675.4	619.7	566.8	518.0	471.8	427.6	386.7	345.2	292.2
-65°	665.9	618.4	572.1	526.9	483.2	441.4	402.6	359.9	316.3	275.0	229.0
-67.5°	533.1	498.9	463.5	425.0	382.3	341.3	302.4	265.7	230.5	195.8	155.8
-70°	378.9	347.9	315.5	283.5	254.3	225.8	196.7	167.7	139.0	116.8	93.8
-72.5°	222.6	201.3	179.8	158.4	136.2	120.4	106.3	91.5	75.5	58.4	45.4
-75°	109.5	99.4	89.0	78.8	67.7	55.7	49.3	45.6	41.8	37.8	33.6
-77.5°	54.6	50.4	46.5	43.6	40.7	37.9	35.0	32.1	29.8	27.7	25.8
-80°	35.4	33.0	30.8	29.3	27.8	26.2	24.6	23.2	21.9	20.8	19.7
-82.5°	23.2	21.9	20.6	19.6	18.6	17.5	16.5	15.8	15.0	14.3	13.5
-85°	15.3	14.2	13.2	12.6	12.1	11.6	11.1	11.1	11.2	11.2	11.4
-87.5°	10.5	9.6	8.7	8.7	8.7	8.6	8.6	9.0	9.3	9.7	10.1
-90°	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.8	6.2	6.7	7.1



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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°	8.9	8.9	8.9	8.9	9.3	9.8	10.2	10.6	10.2	9.8	9.3
87.5°	7.1	7.1	7.1	7.1	7.6	8.0	8.5	8.9	8.9	8.9	8.9
85°	7.3	7.4	7.4	7.4	7.7	8.0	8.5	8.9	8.9	8.9	8.9
82.5°	7.6	8.0	8.2	8.4	8.4	8.5	8.6	8.9	9.0	8.9	8.9
80°	7.6	8.1	8.5	8.9	8.9	8.9	8.8	8.9	9.2	9.2	9.2
77.5°	7.7	8.1	8.6	8.9	8.9	8.9	8.9	9.0	9.4	9.5	9.6
75°	7.8	8.2	8.6	8.9	8.9	8.9	8.9	9.0	9.4	9.9	10.0
72.5°	8.6	8.5	8.7	8.9	8.9	8.9	8.9	9.1	9.5	9.9	10.3
70°	9.8	9.1	8.9	9.0	9.1	8.9	8.9	9.1	9.5	9.9	10.3
67.5°	11.5	10.4	9.6	9.4	9.5	9.4	9.0	9.2	9.6	10.0	10.4
65°	19.2	13.9	10.5	10.1	10.0	10.0	9.7	9.4	9.7	10.0	10.4
62.5°	26.1	18.9	14.2	11.5	10.4	10.4	10.5	10.0	9.8	10.1	10.5
60°	32.7	24.5	18.1	14.5	11.8	10.5	10.6	10.5	10.1	10.2	10.6
57.5°	30.2	28.4	23.1	17.6	14.0	11.5	10.6	10.6	10.4	10.3	10.6
55°	25.8	24.8	25.5	21.3	16.3	13.1	11.1	10.6	10.6	10.5	10.6
52.5°	20.9	22.3	24.1	23.3	18.8	14.6	12.3	10.6	10.6	10.6	10.6
50°	17.3	20.0	23.1	23.6	20.7	16.4	13.3	11.4	10.6	10.6	10.7
47.5°	17.3	19.6	21.6	24.1	22.3	18.0	14.5	12.2	10.6	10.6	10.8
45°	20.0	21.1	21.8	23.3	23.8	19.2	15.6	12.9	11.2	10.7	11.0
42.5°	24.4	24.8	24.2	23.0	23.7	20.2	16.4	13.5	11.7	10.8	11.1
40°	33.7	30.4	28.0	27.3	24.6	20.8	16.9	14.0	12.1	11.1	11.2
37.5°	44.8	39.2	34.2	35.1	28.2	22.7	17.2	14.3	12.7	11.6	11.3
35°	65.2	50.9	48.6	47.3	38.0	25.7	17.2	14.4	13.4	12.1	11.5
32.5°	89.7	75.5	73.1	63.6	50.3	29.7	19.0	15.6	14.3	12.6	11.6
30°	135.7	122.0	104.6	82.9	65.6	41.1	23.5	17.2	15.2	13.0	11.8
27.5°	209.1	176.6	144.4	111.9	84.0	54.9	29.1	19.2	16.2	13.6	12.1
25°	287.8	244.0	196.9	147.6	104.3	75.0	34.8	21.6	17.6	14.4	12.5
22.5°	370.8	316.8	254.8	187.4	133.7	98.7	45.7	26.3	19.4	15.2	12.9
20°	455.3	392.0	319.6	235.2	169.9	123.8	63.5	30.9	21.3	16.1	13.2
17.5°	548.4	483.4	403.4	295.4	209.2	150.0	83.0	35.3	23.4	17.0	13.5
15°	726.1	594.4	495.2	360.9	248.0	177.0	103.6	39.5	25.5	17.8	13.9
12.5°	942.9	706.5	592.7	429.9	286.0	204.4	124.7	43.5	27.6	19.3	14.3
10°	1181.3	818.7	693.5	500.7	322.7	231.6	145.8	50.4	31.9	21.5	14.7
7.5°	1431.2	929.7	795.2	571.1	362.3	269.8	186.9	64.6	36.5	23.7	15.0
5°	1663.5	1029.9	896.0	658.6	423.7	319.1	231.2	79.4	41.1	26.0	15.4
2.5°	1802.4	1111.3	990.6	743.7	483.0	366.5	274.2	94.1	45.5	28.2	15.7
0°	1914.9	1187.2	1077.2	821.7	539.5	411.7	314.1	108.3	49.7	30.2	16.0
-2.5°	1938.0	1230.4	1107.3	866.0	592.5	456.0	346.3	131.6	66.0	40.1	21.3
-5°	1933.3	1268.6	1130.6	902.6	641.3	497.1	373.2	153.4	81.7	49.5	26.4
-7.5°	1927.6	1286.7	1142.7	929.0	685.5	534.4	394.2	173.2	96.3	58.3	31.1
-10°	1885.4	1290.7	1139.7	925.4	695.0	549.7	405.8	190.6	109.7	66.2	35.3
-12.5°	1793.8	1290.0	1131.7	913.7	692.5	544.9	393.7	202.8	121.4	73.2	38.9
-15°	1647.9	1284.5	1119.3	893.9	683.1	536.9	379.4	211.3	130.7	79.4	41.7
-17.5°	1433.9	1274.5	1103.1	866.0	665.9	525.7	363.9	217.4	138.6	84.9	44.3
-20°	1333.2	1225.5	1080.0	830.0	640.6	511.4	347.8	220.9	144.8	89.0	46.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1258.9	1144.5	996.6	796.8	613.5	494.1	331.9	221.7	149.4	91.4	47.7
-25°	1172.6	1061.3	907.7	735.6	590.9	468.9	323.4	219.8	152.1	92.1	47.7
-27.5°	1079.5	973.3	823.4	674.6	557.3	446.1	319.4	221.9	152.9	91.0	46.5
-30°	985.8	881.5	751.8	619.6	522.3	414.9	312.1	221.8	151.3	89.1	43.9
-32.5°	913.8	798.3	684.8	579.3	485.6	383.4	294.6	219.2	147.2	86.0	42.0
-35°	846.2	730.8	621.9	537.9	449.0	356.9	274.2	214.1	140.4	81.1	39.8
-37.5°	775.7	669.4	576.3	497.0	412.9	328.4	257.6	198.2	131.0	74.2	36.4
-40°	707.7	612.9	532.8	458.3	378.7	297.8	239.4	180.1	120.8	65.4	32.0
-42.5°	639.5	563.7	490.0	420.1	343.3	275.9	219.5	160.7	106.4	57.8	26.5
-45°	584.4	513.4	445.6	378.4	307.8	252.4	196.7	140.4	90.3	50.3	22.4
-47.5°	527.6	462.5	400.6	336.7	280.3	227.0	172.7	121.0	73.1	41.3	21.1
-50°	470.3	413.0	356.9	302.2	251.1	199.4	148.0	100.1	61.0	30.7	19.5
-52.5°	422.9	368.1	317.6	269.0	219.8	170.5	123.1	78.7	47.9	25.6	17.6
-55°	379.3	326.0	280.2	233.8	187.1	141.0	96.8	62.8	33.9	22.9	15.7
-57.5°	337.7	285.5	240.7	196.9	152.4	109.8	74.6	45.9	27.9	19.9	15.4
-60°	295.0	243.4	199.5	156.8	115.6	81.5	54.3	32.3	23.9	17.2	15.1
-62.5°	242.9	196.6	152.6	113.7	82.7	57.0	35.9	27.3	19.7	16.5	14.7
-65°	183.4	141.3	103.8	78.1	53.9	36.3	29.4	21.9	17.9	15.7	14.2
-67.5°	118.1	91.6	66.8	44.6	35.4	29.3	22.8	19.1	16.7	14.9	13.7
-70°	70.6	48.8	38.6	33.3	28.0	22.8	19.9	17.3	15.4	14.1	13.1
-72.5°	40.1	35.0	30.2	25.7	22.8	20.1	17.6	15.5	14.3	13.3	12.6
-75°	29.4	26.7	24.4	22.1	19.6	17.3	15.6	14.2	13.2	12.5	12.0
-77.5°	23.8	21.8	20.0	18.5	16.8	15.3	13.9	12.7	12.2	11.9	11.5
-80°	18.4	17.3	16.4	15.6	14.4	13.2	12.4	11.8	11.5	11.3	11.0
-82.5°	13.1	13.1	13.2	13.2	12.5	11.9	11.4	11.1	10.9	10.6	10.5
-85°	11.4	11.4	11.3	11.1	10.8	10.6	10.6	10.6	10.5	10.3	10.1
-87.5°	10.0	10.0	9.9	9.9	10.0	10.2	10.4	10.6	10.3	10.0	9.7
-90°	7.1	7.1	7.1	7.1	7.6	8.0	8.5	8.9	8.9	8.9	8.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	8.9	9.0	9.0	9.1	9.0	8.9	8.9
85°	8.9	9.1	9.2	9.2	9.2	9.0	8.9
82.5°	8.9	9.2	9.3	9.4	9.3	9.0	8.9
80°	9.0	9.3	9.5	9.6	9.5	9.0	8.9
77.5°	9.4	9.5	9.7	9.7	9.6	9.1	8.9
75°	9.9	9.7	9.8	9.9	9.7	9.1	8.9
72.5°	10.3	10.0	10.0	10.1	9.9	9.1	8.9
70°	10.6	10.3	10.1	10.3	10.0	9.2	8.9
67.5°	10.6	10.5	10.3	10.3	10.1	9.2	8.9
65°	10.6	10.6	10.4	10.4	10.2	9.2	8.9
62.5°	10.6	10.6	10.5	10.4	10.3	9.2	8.9
60°	10.6	10.6	10.6	10.5	10.4	9.3	8.9
57.5°	10.6	10.6	10.6	10.5	10.4	9.3	8.9
55°	10.6	10.6	10.6	10.5	10.3	9.3	8.9
52.5°	10.6	10.6	10.6	10.6	10.3	9.3	8.9
50°	10.6	10.6	10.6	10.6	10.3	9.3	8.9
47.5°	10.6	10.6	10.6	10.6	10.3	9.3	8.9
45°	10.8	10.6	10.6	10.6	10.3	9.3	8.9
42.5°	10.9	10.6	10.6	10.6	10.3	9.3	8.9
40°	11.1	10.6	10.6	10.6	10.3	9.3	8.9
37.5°	11.4	10.6	10.6	10.6	10.3	9.3	8.9
35°	11.6	10.7	10.6	10.6	10.3	9.3	8.9
32.5°	11.8	10.9	10.6	10.6	10.4	9.3	8.9
30°	11.9	11.1	10.6	10.6	10.4	9.3	8.9
27.5°	12.0	11.3	10.6	10.6	10.4	9.2	8.9
25°	12.1	11.5	10.6	10.6	10.4	9.2	8.9
22.5°	12.2	11.7	10.6	10.6	10.4	9.2	8.9
20°	12.4	11.8	10.6	10.6	10.5	9.2	8.9
17.5°	12.5	12.0	10.6	10.6	10.5	9.1	8.9
15°	12.7	12.1	10.6	10.6	10.5	9.1	8.9
12.5°	12.9	12.2	10.6	10.6	10.5	9.1	8.9
10°	13.2	12.3	10.6	10.6	10.6	9.0	8.9
7.5°	13.4	12.3	10.6	10.6	10.6	9.0	8.9
5°	13.7	12.4	10.6	10.6	10.6	9.0	8.9
2.5°	13.9	12.4	10.6	10.6	10.6	8.9	8.9
0°	14.2	12.4	10.6	10.6	10.6	8.9	8.9
-2.5°	15.6	12.4	10.6	10.6	10.6	8.9	8.9
-5°	16.9	12.4	10.6	10.6	10.6	8.9	8.9
-7.5°	18.1	12.3	10.6	10.6	10.6	8.9	8.9
-10°	19.2	12.3	10.6	10.6	10.5	8.9	8.9
-12.5°	20.0	12.2	10.6	10.6	10.5	8.9	8.9
-15°	20.5	12.1	10.6	10.6	10.5	8.9	8.9
-17.5°	20.7	12.0	10.6	10.6	10.4	8.9	8.9
-20°	21.0	11.8	10.6	10.6	10.4	8.9	8.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.6	11.7	10.6	10.6	10.3	8.9	8.9
-25°	21.6	11.9	10.6	10.6	10.3	8.9	8.9
-27.5°	21.1	12.1	10.6	10.6	10.2	8.9	8.9
-30°	19.8	12.3	10.6	10.6	10.1	8.9	8.9
-32.5°	17.9	12.3	10.8	10.6	10.1	8.9	8.9
-35°	17.2	12.1	10.9	10.6	10.0	8.9	8.9
-37.5°	17.0	12.0	11.0	10.6	9.9	8.9	8.9
-40°	16.6	12.2	11.1	10.6	9.8	8.9	8.9
-42.5°	16.0	12.3	11.2	10.6	9.7	8.9	8.9
-45°	15.2	12.4	11.3	10.7	9.6	8.9	8.9
-47.5°	14.1	12.4	11.3	10.7	9.5	8.9	8.9
-50°	14.0	12.4	11.4	10.6	9.4	8.9	8.9
-52.5°	13.9	12.4	11.4	10.5	9.3	8.9	8.9
-55°	13.8	12.4	11.3	10.3	9.1	8.9	8.9
-57.5°	13.7	12.3	11.3	10.2	9.0	8.9	8.9
-60°	13.5	12.2	11.2	10.0	8.9	8.9	8.9
-62.5°	13.2	12.0	11.0	9.8	8.9	8.9	8.9
-65°	13.0	11.9	10.8	9.7	8.9	8.9	8.9
-67.5°	12.6	11.6	10.5	9.5	8.9	8.9	8.9
-70°	12.3	11.3	10.3	9.3	8.9	8.9	8.9
-72.5°	11.9	11.0	10.0	9.2	8.9	8.9	8.9
-75°	11.5	10.6	9.7	9.2	8.9	8.9	8.9
-77.5°	11.1	10.3	9.6	9.2	8.9	8.9	8.9
-80°	10.6	10.0	9.5	9.1	8.9	8.9	8.9
-82.5°	10.2	9.7	9.3	9.1	8.9	8.9	8.9
-85°	9.8	9.4	9.2	9.0	8.9	8.9	8.9
-87.5°	9.3	9.2	9.0	9.0	8.9	8.9	8.9
-90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9

(END OF REPORT)