

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: P1306253 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

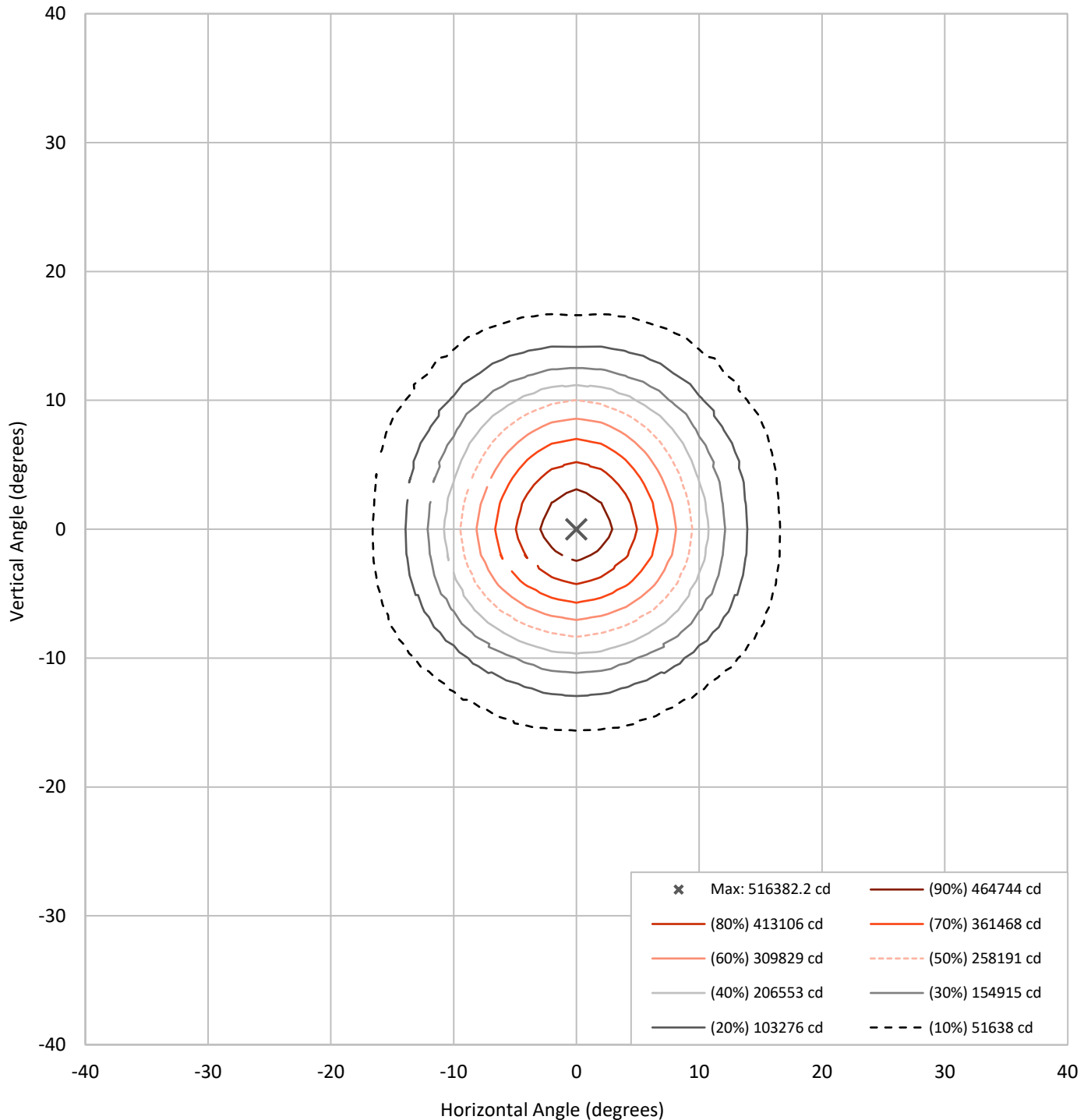
Test Method: LM-79-08
Report Number: P1306253 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	62199 lumens	Max Intensity:	516382.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	29020.2 lumens	Field Lumens:	52708.7 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	566		
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





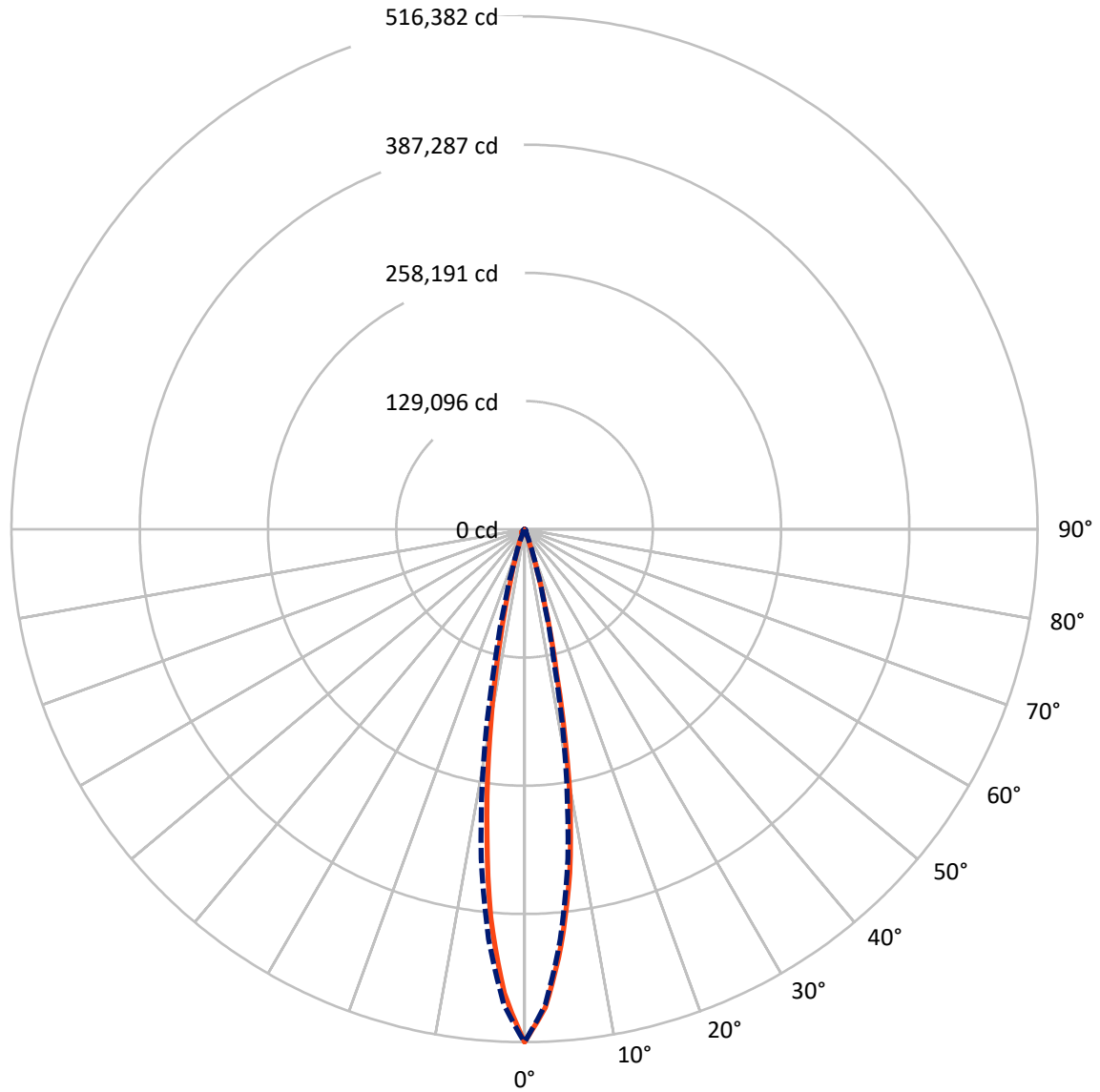
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Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
70	0.1	0.1	0.1	0.5	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.6	0.5	0.1	0.1	0.1			
60		0.1	0.3	0.5	0.4	0.2	0.2	0.3	0.3	0.2	0.2	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.4	0.7	1.0	0.8	0.8	1.0	0.7	0.4	0.4	0.4	0.2	0.2			
40		0.2	0.7	1.7	3.4	5.0	7.0	8.7	8.7	7.0	5.0	3.4	1.7	0.7	0.2				
30	0.2	0.4	3.4	10.8	25.4	34.5	55.2	98.5	98.5	55.2	34.5	25.4	10.8	3.4	0.4	0.2			
20		1.1	7.2	31.0	62.5	82.8	605.0	2437.9	2437.9	605.0	82.8	62.5	31.0	7.2	1.1				
10	0.3	1.7	9.3	41.8	69.5	152.0	2266.4	9787.6	9787.6	2266.4	152.0	69.5	41.8	9.3	1.7	0.3			
0		2.1	9.8	41.1	69.4	147.6	2168.2	9066.8	9066.8	2168.2	147.6	69.4	41.1	9.8	2.1				
-10	0.5	2.5	9.4	32.9	64.0	80.8	482.9	1810.2	1810.2	482.9	80.8	64.0	32.9	9.4	2.5	0.5			
-20		2.5	9.2	22.8	63.4	79.5	90.0	155.4	155.4	90.0	79.5	63.4	22.8	9.2	2.5				
-30	0.4	2.2	8.3	16.1	45.0	93.2	109.1	112.5	112.5	109.1	93.2	45.0	16.1	8.3	2.2	0.4			
-40		1.6	6.3	14.2	23.8	42.9	77.7	105.5	105.5	77.7	42.9	23.8	14.2	6.3	1.6				
-50	0.3	0.8	3.7	9.6	18.2	26.5	33.4	37.5	37.5	33.4	26.5	18.2	9.6	3.7	0.8	0.3			
-60		0.4	1.2	3.8	7.8	12.8	17.7	20.6	20.6	17.7	12.8	7.8	3.8	1.2	0.4				
-70	0.2	1.0	2.8	6.5	8.8	6.5	2.8	1.0	0.2							0.2			
-80		1.0	2.8	6.5	8.8	6.5	2.8	1.0	0.2										
-90	0.2	1.0	2.8	6.5	8.8	6.5	2.8	1.0	0.2							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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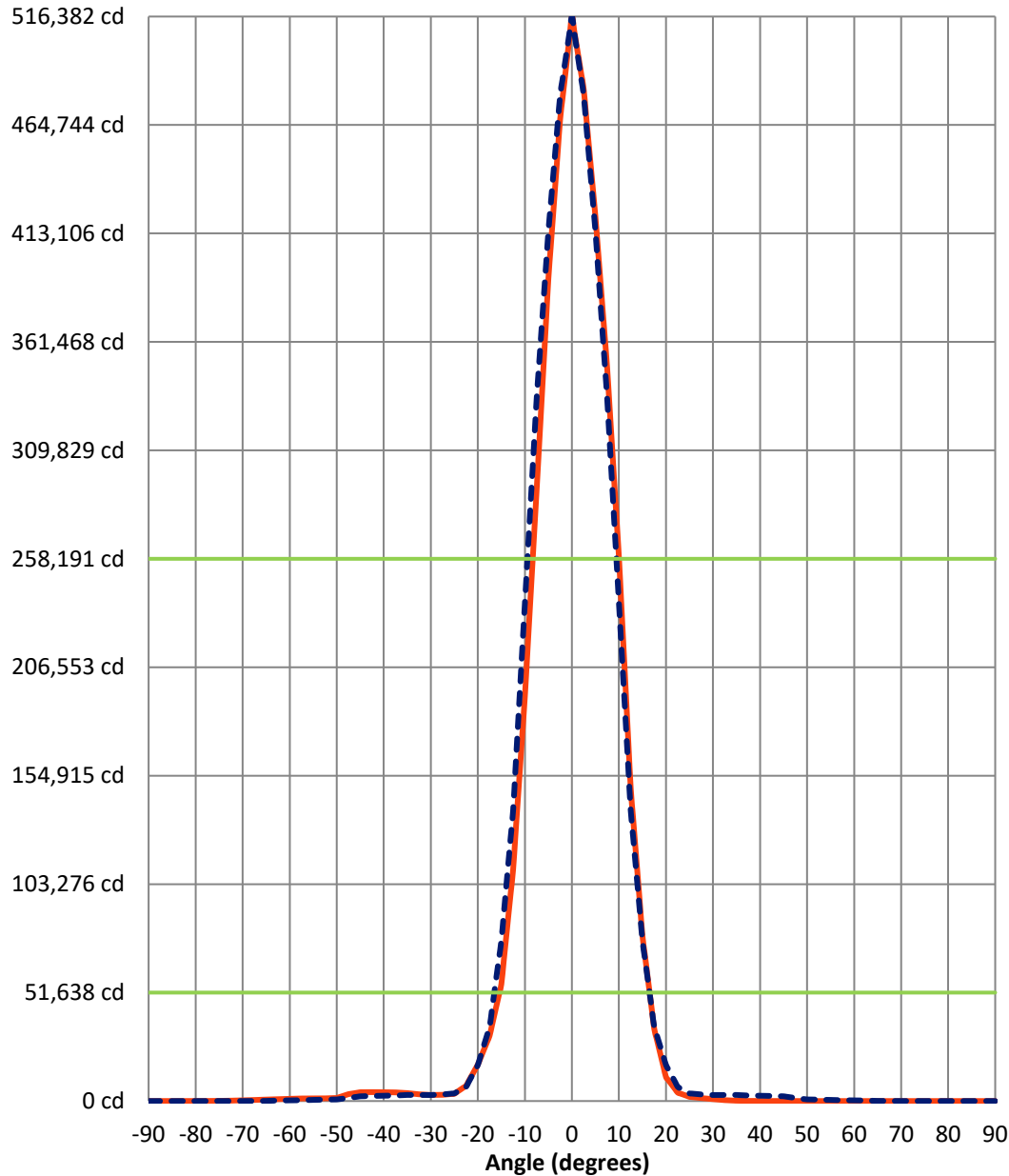
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 29020.2
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 52708.7
 Efficiency: 84.7%

Spill:
 Lumens: 9490.3
 Efficiency: 15.3%

— 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°	3.7	3.7	3.7	4.3	5.0	5.6	6.2	6.8	7.5	8.1	8.7
87.5°	3.7	3.7	3.7	3.4	3.2	3.0	2.8	2.8	2.7	2.6	2.5
85°	3.7	3.8	3.7	3.5	3.3	3.2	3.1	3.0	2.9	2.7	2.5
82.5°	3.7	3.8	3.7	3.5	3.4	3.4	3.4	3.3	3.1	3.0	2.8
80°	3.7	3.8	3.7	3.6	3.5	3.6	3.7	3.7	3.6	3.5	3.4
77.5°	3.7	3.8	3.7	3.6	3.6	3.8	4.1	4.1	4.0	4.0	3.8
75°	3.7	3.9	3.7	3.6	3.7	4.1	4.4	4.5	4.4	4.1	3.8
72.5°	3.7	3.9	3.7	3.7	4.0	4.3	4.7	4.8	4.5	4.1	3.8
70°	3.7	3.9	3.8	3.7	4.2	4.6	5.0	4.8	4.5	4.2	4.3
67.5°	3.7	4.0	3.8	3.9	4.4	4.9	5.0	4.8	4.5	4.7	4.8
65°	3.7	4.0	3.8	4.0	4.6	5.0	5.1	4.9	5.0	5.2	5.3
62.5°	3.7	4.0	3.8	4.2	4.8	5.1	5.1	5.2	5.4	5.6	5.5
60°	3.7	4.1	3.9	4.3	5.0	5.2	5.2	5.5	5.8	5.9	5.7
57.5°	3.7	4.1	4.0	4.5	5.1	5.4	5.5	5.9	6.2	6.2	6.2
55°	3.7	4.1	4.1	4.6	5.2	5.5	5.8	6.2	6.6	6.7	6.8
52.5°	3.7	4.2	4.2	4.8	5.4	5.6	6.1	6.6	7.0	7.2	7.3
50°	3.7	4.2	4.4	4.9	5.5	5.9	6.4	7.1	7.5	7.7	8.5
47.5°	3.7	4.3	4.5	5.0	5.6	6.1	6.7	7.5	7.9	8.2	9.6
45°	3.7	4.3	4.6	5.1	5.8	6.4	7.2	8.0	8.4	9.1	10.7
42.5°	3.7	4.3	4.7	5.2	5.9	6.6	7.6	8.4	8.8	10.0	12.6
40°	3.7	4.4	4.8	5.4	6.1	6.9	8.0	8.8	9.4	10.8	14.6
37.5°	3.7	4.4	4.9	5.6	6.3	7.1	8.4	9.2	10.2	11.9	16.4
35°	3.7	4.5	5.1	5.7	6.5	7.4	8.9	9.5	11.0	13.7	17.8
32.5°	3.7	4.5	5.2	5.9	6.6	7.7	9.3	9.9	11.8	15.4	19.3
30°	3.7	4.5	5.3	6.0	6.8	8.1	9.6	10.3	12.6	17.0	21.2
27.5°	3.7	4.6	5.4	6.2	7.0	8.4	9.9	11.0	13.6	18.6	23.2
25°	3.7	4.6	5.5	6.3	7.2	8.7	10.1	11.7	14.9	20.2	25.6
22.5°	3.7	4.7	5.6	6.5	7.4	9.0	10.4	12.3	16.1	22.0	29.2
20°	3.7	4.7	5.6	6.6	7.6	9.3	10.7	12.9	17.3	23.9	33.0
17.5°	3.7	4.8	5.7	6.7	7.7	9.5	10.9	13.5	18.3	25.8	37.1
15°	3.7	4.8	5.8	6.9	7.9	9.6	11.2	14.1	19.3	27.8	41.3
12.5°	3.7	4.8	5.9	7.0	8.1	9.8	11.4	14.6	20.2	29.8	45.6
10°	3.7	4.9	6.0	7.1	8.2	9.9	11.6	15.0	21.1	31.6	49.9
7.5°	3.7	4.9	6.0	7.2	8.3	9.9	11.9	15.4	21.9	33.3	54.1
5°	3.7	4.9	6.1	7.3	8.5	10.0	12.1	15.7	22.6	34.9	58.0
2.5°	3.7	5.0	6.1	7.4	8.6	10.0	12.3	16.0	23.2	36.2	61.6
0°	3.7	5.0	6.2	7.5	8.7	10.0	12.5	16.2	23.7	37.4	64.8
-2.5°	3.7	5.0	6.3	7.6	8.9	10.5	13.6	19.3	30.4	49.3	83.3
-5°	3.7	5.0	6.3	7.6	9.1	11.0	14.7	22.3	36.8	60.8	100.9
-7.5°	3.7	5.1	6.3	7.7	9.3	11.5	15.8	25.0	42.8	71.4	117.2
-10°	3.7	5.1	6.4	7.8	9.5	12.0	16.7	27.5	48.1	81.0	131.9
-12.5°	3.7	5.1	6.4	7.8	9.6	12.4	17.5	29.6	52.7	89.5	144.2
-15°	3.7	5.1	6.5	7.8	9.7	12.7	18.3	31.3	57.1	97.0	154.3
-17.5°	3.7	5.1	6.5	7.9	9.8	13.0	18.8	33.2	61.4	103.2	162.1
-20°	3.7	5.1	6.5	7.9	9.9	13.2	19.4	35.1	64.6	107.9	167.5



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 CATALOG NUMBER: EPH-08-530N-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.7	5.1	6.5	7.9	10.0	13.4	20.1	36.2	66.5	110.9	170.2
-25°	3.7	5.1	6.5	7.9	10.0	13.5	20.4	36.4	67.1	112.1	170.0
-27.5°	3.7	5.1	6.5	7.9	9.9	13.6	20.3	35.7	66.3	112.0	170.9
-30°	3.7	5.1	6.5	7.9	9.9	13.5	19.9	34.1	65.1	111.0	169.5
-32.5°	3.7	5.1	6.5	7.9	9.9	13.5	19.0	33.2	63.2	107.9	165.6
-35°	3.7	5.0	6.5	7.9	9.8	13.3	18.6	32.1	59.8	102.8	159.3
-37.5°	3.7	5.0	6.5	7.8	9.7	13.1	18.3	30.5	55.0	95.7	149.1
-40°	3.7	5.0	6.4	7.8	9.6	12.9	17.9	28.2	48.7	88.3	137.3
-42.5°	3.7	5.0	6.4	7.8	9.5	12.7	17.4	25.2	44.0	78.6	123.3
-45°	3.7	4.9	6.4	7.8	9.5	12.5	16.8	22.9	39.8	67.5	107.7
-47.5°	3.7	4.9	6.3	7.7	9.4	12.1	16.0	21.9	34.8	55.1	93.5
-50°	3.7	4.8	6.3	7.7	9.4	11.7	15.4	20.8	28.8	48.1	77.6
-52.5°	3.7	4.8	6.2	7.6	9.3	11.3	14.9	19.5	25.8	40.4	61.2
-55°	3.7	4.7	6.2	7.5	9.2	11.1	14.2	18.2	24.0	32.0	51.3
-57.5°	3.7	4.7	6.1	7.4	9.0	10.9	13.4	17.2	22.1	28.3	40.6
-60°	3.7	4.6	6.0	7.2	8.8	10.6	12.7	16.2	20.3	25.8	32.0
-62.5°	3.7	4.5	5.9	7.1	8.6	10.4	12.3	15.1	19.0	23.2	29.0
-65°	3.7	4.5	5.7	6.9	8.3	10.1	11.9	14.2	17.8	21.5	25.7
-67.5°	3.7	4.4	5.5	6.7	8.0	9.6	11.4	13.6	16.4	20.0	23.5
-70°	3.7	4.3	5.4	6.5	7.6	9.1	11.0	13.0	15.5	18.4	21.8
-72.5°	3.7	4.3	5.2	6.3	7.3	8.6	10.2	12.3	14.5	17.1	20.1
-75°	3.7	4.2	5.0	6.0	6.9	8.0	9.4	11.4	13.5	15.8	18.3
-77.5°	3.7	4.1	4.8	5.7	6.6	7.4	8.5	10.4	12.4	14.3	16.4
-80°	3.7	4.0	4.6	5.4	6.2	6.9	7.6	9.4	11.2	13.0	14.9
-82.5°	3.7	3.9	4.3	5.2	5.9	6.6	7.2	8.5	10.0	11.7	13.4
-85°	3.7	3.9	4.1	4.9	5.6	6.3	6.9	8.0	9.2	10.5	11.9
-87.5°	3.7	3.8	3.9	4.6	5.3	5.9	6.5	7.4	8.3	9.3	10.3
-90°	3.7	3.7	3.7	3.4	3.1	2.8	2.5	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.7	8.7	8.7	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9
87.5°	2.3	2.2	2.1	1.9	1.8	1.6	1.4	1.2	1.2	1.2	1.2
85°	2.5	2.5	2.5	2.5	2.3	2.0	1.9	1.7	1.7	1.6	1.4
82.5°	2.9	2.8	2.7	2.5	2.4	2.5	2.5	2.5	2.3	2.1	1.9
80°	3.3	3.1	3.0	2.9	2.9	2.9	2.7	2.5	2.5	2.6	2.7
77.5°	3.5	3.4	3.4	3.5	3.5	3.3	3.2	3.2	3.3	3.5	3.6
75°	3.6	3.7	3.8	3.8	3.6	3.6	3.7	4.0	4.1	4.1	4.0
72.5°	3.9	4.1	4.0	3.9	4.0	4.3	4.6	4.9	5.5	6.2	6.8
70°	4.4	4.5	4.4	4.5	4.7	5.3	6.4	7.7	9.1	10.7	12.9
67.5°	4.9	4.8	4.8	5.2	6.0	7.2	8.8	13.8	19.5	21.9	22.7
65°	5.0	5.0	5.5	6.3	7.4	11.3	16.8	23.6	29.9	30.7	29.6
62.5°	5.1	5.5	6.3	8.1	11.8	17.1	23.0	29.5	36.7	37.0	32.4
60°	5.6	6.1	8.0	11.6	15.9	20.7	27.1	32.3	38.3	41.1	31.4
57.5°	6.2	7.3	10.5	14.7	19.0	22.6	26.1	31.5	34.6	35.2	25.9
55°	7.2	8.9	12.9	17.7	20.8	20.1	22.9	25.9	27.1	25.2	18.0
52.5°	8.7	10.7	15.7	19.8	20.5	18.8	18.8	20.2	18.8	16.1	14.1
50°	10.1	13.8	18.3	21.0	20.4	17.9	15.2	14.9	14.3	13.5	12.2
47.5°	12.4	16.7	20.6	22.2	19.7	17.1	13.8	13.3	13.3	12.8	11.7
45°	14.8	19.0	23.1	21.6	19.2	16.6	15.3	13.7	13.7	13.8	14.6
42.5°	17.1	20.9	22.9	21.0	19.4	18.7	18.4	16.4	16.3	19.7	20.9
40°	18.7	22.6	22.9	22.6	20.9	22.6	23.1	23.3	24.3	27.9	29.7
37.5°	20.0	23.1	24.6	26.9	25.2	28.0	29.3	42.8	44.6	37.6	51.6
35°	21.1	24.3	30.5	37.3	39.4	35.1	52.9	71.6	78.1	73.9	89.7
32.5°	22.3	25.9	38.6	54.8	69.6	65.9	83.2	115.6	136.2	146.7	159.3
30°	24.6	33.4	51.2	77.1	115.4	138.3	139.6	174.0	211.9	279.4	340.2
27.5°	28.4	43.3	72.6	119.5	178.5	226.4	235.3	257.4	344.4	472.0	632.6
25°	32.8	67.4	97.3	177.1	263.9	317.9	333.5	371.2	522.0	814.7	973.4
22.5°	45.0	99.4	138.9	244.1	359.8	406.3	439.1	576.1	848.4	1235.2	1354.4
20°	68.1	136.5	190.6	301.7	456.6	493.7	543.0	836.8	1273.3	1595.5	1757.4
17.5°	95.3	174.0	242.4	358.6	494.8	563.6	667.9	1135.3	1712.2	1943.6	2112.1
15°	125.7	211.5	287.2	408.6	528.7	610.1	863.5	1482.3	2083.5	2275.0	2439.9
12.5°	158.2	248.7	325.9	452.1	562.1	653.3	1041.7	1726.3	2262.1	2532.8	2745.2
10°	191.7	285.2	359.0	489.3	594.6	693.1	1208.4	1935.4	2352.3	2576.5	2810.9
7.5°	212.5	308.4	384.3	520.6	625.5	729.2	1359.5	2109.4	2414.4	2590.0	2763.8
5°	228.1	316.5	390.8	534.7	648.7	755.8	1473.4	2247.8	2453.9	2579.7	2681.6
2.5°	240.0	321.9	395.1	542.4	666.0	769.2	1484.1	2269.6	2441.8	2560.0	2630.3
0°	247.9	325.1	397.3	545.5	680.0	778.4	1462.2	2258.1	2415.0	2537.0	2619.2
-2.5°	256.6	334.6	415.2	555.1	681.3	778.7	1441.3	2235.7	2441.6	2605.5	2742.0
-5°	261.9	342.2	430.5	561.0	679.0	775.6	1394.4	2178.3	2438.3	2610.9	2778.2
-7.5°	264.3	348.0	442.3	562.7	669.3	760.7	1314.7	2041.4	2335.7	2497.2	2704.3
-10°	265.2	355.5	447.9	553.9	650.4	737.5	1208.5	1883.3	2229.7	2377.4	2595.1
-12.5°	267.7	364.4	451.4	545.2	631.1	711.7	1078.7	1710.0	2123.0	2252.9	2474.6
-15°	267.7	371.6	453.9	537.7	612.5	683.7	926.2	1526.7	2064.6	2275.7	2457.9
-17.5°	265.5	377.1	455.8	532.4	595.3	653.8	757.7	1363.2	2027.8	2324.9	2504.6
-20°	261.2	380.9	457.4	530.2	580.9	639.9	722.4	1180.8	1840.8	2347.1	2566.6



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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°	255.1	383.1	458.9	528.6	585.5	641.4	710.8	974.1	1580.9	2344.3	2568.5
-25°	252.2	372.3	458.6	528.3	592.5	644.2	697.1	777.4	1301.5	2010.7	2500.4
-27.5°	251.1	360.0	450.7	523.1	598.8	648.8	694.6	759.8	1034.3	1611.2	2360.9
-30°	246.3	339.7	439.3	512.7	592.5	654.1	699.1	740.4	816.1	1267.0	1891.0
-32.5°	234.9	318.5	417.6	497.5	577.4	659.0	700.8	736.4	792.1	925.5	1432.3
-35°	221.7	301.6	391.9	478.1	556.2	642.1	698.1	735.5	772.1	836.7	1066.4
-37.5°	209.7	282.2	365.8	452.6	531.1	611.7	692.1	731.7	768.5	814.7	902.1
-40°	195.4	260.3	341.0	423.6	502.0	579.6	657.6	726.2	763.3	823.2	880.9
-42.5°	179.0	241.9	314.4	393.7	468.8	544.9	621.3	694.7	771.6	831.8	889.5
-45°	160.9	221.0	286.2	358.3	432.1	506.3	580.4	656.8	749.5	841.3	899.1
-47.5°	140.3	197.6	259.6	319.2	390.2	463.0	535.7	615.6	707.5	803.3	906.6
-50°	118.5	171.4	228.1	282.9	343.2	414.0	485.4	565.9	652.3	745.0	842.3
-52.5°	98.6	142.5	193.6	246.6	299.2	358.2	429.7	506.1	587.0	674.2	759.1
-55°	76.9	115.7	156.3	206.1	257.7	307.8	366.0	437.6	512.1	591.1	667.8
-57.5°	60.7	88.0	122.2	161.9	210.4	261.1	311.1	365.2	431.3	500.9	564.8
-60°	47.3	65.3	90.2	122.6	158.5	205.1	254.6	303.6	354.7	405.6	460.7
-62.5°	35.1	48.9	64.8	85.9	116.0	147.8	189.0	234.7	282.2	324.5	364.5
-65°	31.2	35.3	46.2	60.8	75.7	101.9	131.0	161.5	201.2	238.4	274.7
-67.5°	27.1	30.9	34.5	39.9	53.0	66.0	78.9	104.3	130.8	154.6	179.9
-70°	24.5	26.7	29.8	32.9	35.9	41.4	52.8	63.9	74.5	87.4	107.4
-72.5°	22.2	23.9	25.9	28.1	30.7	33.3	36.0	38.7	45.3	54.1	62.0
-75°	19.9	21.1	22.5	24.2	26.0	27.9	29.7	31.9	34.2	36.7	39.3
-77.5°	17.7	18.6	19.6	20.5	21.6	23.2	24.7	26.2	27.7	29.1	30.4
-80°	15.6	16.2	16.9	17.6	18.4	19.3	20.3	21.2	22.3	23.4	24.6
-82.5°	13.9	14.3	14.8	15.2	15.5	15.9	16.3	16.9	17.6	18.2	18.9
-85°	12.2	12.5	12.8	13.0	13.3	13.6	13.8	14.0	14.3	14.5	14.7
-87.5°	10.5	10.6	10.7	10.9	11.1	11.4	11.6	11.8	11.9	12.1	12.2
-90°	2.2	1.9	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.2	11.5	11.9	12.2	12.5	12.8	13.1	13.4	13.7	13.7	13.7
87.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	0.9	0.6
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.2	1.2
77.5°	3.7	3.5	3.2	2.9	2.6	2.4	2.3	2.3	2.3	2.3	2.4
75°	3.8	3.7	3.9	3.9	3.7	3.6	3.4	3.1	2.6	2.5	2.5
72.5°	7.4	7.7	7.5	7.4	6.8	6.3	6.1	5.8	5.5	5.4	5.3
70°	14.1	14.2	13.7	12.4	10.5	9.3	8.8	8.1	7.4	7.4	7.7
67.5°	21.5	19.6	17.9	15.9	13.3	11.6	11.0	10.3	9.6	9.3	9.2
65°	26.5	20.8	17.8	15.7	14.5	13.1	11.6	10.3	9.0	8.1	7.8
62.5°	26.2	18.3	14.8	13.2	11.9	11.0	9.6	8.4	7.3	6.6	6.4
60°	22.8	15.3	11.4	10.2	9.3	8.7	8.0	7.2	6.6	6.2	6.2
57.5°	17.8	11.9	8.7	8.5	8.2	7.7	7.3	6.9	6.5	6.2	6.5
55°	12.9	10.4	8.8	8.6	8.4	7.9	7.4	7.3	7.2	7.0	7.5
52.5°	11.3	10.2	9.8	9.6	9.1	8.8	8.6	8.6	8.8	9.0	9.2
50°	11.1	10.7	10.4	9.9	9.8	9.9	9.9	10.3	10.6	10.7	10.8
47.5°	11.5	11.4	11.8	11.0	11.3	12.1	12.3	12.6	13.5	13.6	13.6
45°	13.6	15.3	15.8	15.7	15.3	20.0	20.9	19.2	26.3	25.3	19.7
42.5°	20.8	23.1	24.5	29.0	35.6	40.0	51.7	71.0	63.5	47.8	30.9
40°	35.8	35.1	41.9	50.2	55.1	64.2	78.4	96.9	89.4	75.9	81.1
37.5°	63.1	63.9	66.1	76.9	80.9	70.9	91.9	90.3	76.6	98.0	100.5
35°	115.7	128.0	108.7	132.4	138.0	129.5	137.2	151.7	131.3	158.7	167.6
32.5°	208.2	229.4	230.3	235.8	255.4	274.3	279.7	319.0	331.7	364.8	400.5
30°	332.5	371.7	405.1	414.1	440.3	487.0	525.6	601.3	682.4	743.4	823.4
27.5°	599.4	564.0	638.2	728.6	699.8	767.7	906.8	1016.1	1177.8	1294.2	1357.0
25°	969.6	911.9	1047.2	1185.0	1185.3	1196.8	1398.0	1573.4	1705.7	1810.7	1902.8
22.5°	1406.4	1478.2	1599.5	1759.5	1676.1	1752.2	1951.9	2094.3	2279.7	2461.3	3005.5
20°	1895.9	2041.3	2141.1	2117.2	2113.5	2242.8	2418.5	2693.4	3254.0	5230.0	7117.0
17.5°	2327.2	2503.8	2495.0	2394.6	2442.1	2659.2	2978.1	4045.5	6877.3	13295.0	19301.2
15°	2661.7	2740.4	2688.6	2628.5	2735.1	3060.0	3857.7	7309.4	15902.6	26179.9	37910.7
12.5°	2885.2	2854.3	2718.4	2728.3	2981.4	3438.1	6149.0	14227.6	26652.9	41248.2	70741.6
10°	2971.5	2887.0	2768.1	2878.1	3223.4	4322.4	8270.4	19754.4	38540.0	68884.2	108637.4
7.5°	2912.7	2840.6	2807.2	3001.4	3461.0	5724.4	12856.0	27941.0	55243.8	94374.7	150317.5
5°	2874.7	2826.5	2833.8	3082.4	3611.2	6755.4	16096.9	33091.2	68524.7	119025.5	190196.9
2.5°	2872.4	2843.8	2856.4	3138.7	3695.9	7283.1	17922.5	33948.9	73189.8	132434.1	222827.5
0°	2903.2	2884.5	2873.3	3149.8	3655.5	6766.7	17195.1	35326.8	76390.3	138483.7	237003.6
-2.5°	3046.6	2893.8	2887.3	3149.2	3700.2	7150.8	17620.9	34850.9	75235.1	132892.5	221796.3
-5°	3012.3	2839.4	2811.8	3031.7	3546.1	6439.3	15426.5	32185.7	66086.2	112999.2	182812.2
-7.5°	2876.2	2760.7	2711.6	2886.6	3333.9	5404.8	11963.5	25411.0	49764.1	85174.6	131735.4
-10°	2765.5	2689.3	2616.8	2737.9	3077.9	4130.5	7626.6	17047.5	33849.9	57920.4	84585.0
-12.5°	2707.3	2671.3	2540.6	2574.4	2811.9	3278.8	5336.4	11522.9	21198.7	31451.5	51378.2
-15°	2666.1	2638.8	2516.4	2508.3	2641.0	2917.0	3515.4	5977.0	11854.5	19235.6	27145.1
-17.5°	2628.9	2618.9	2554.1	2483.7	2500.2	2660.2	2989.7	3863.8	6062.4	10754.1	15866.5
-20°	2646.9	2652.6	2603.1	2529.6	2503.4	2524.1	2695.3	2996.5	3553.4	5450.1	7766.2



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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°	2641.2	2658.1	2644.8	2650.1	2618.5	2570.4	2536.5	2667.9	2878.7	3216.0	4072.7
-25°	2640.6	2663.9	2762.8	2889.5	2876.3	2761.4	2641.1	2536.9	2657.4	2803.1	3015.8
-27.5°	2601.6	2752.7	2999.0	3185.7	3239.3	3113.4	2945.1	2770.0	2750.7	2746.1	2827.9
-30°	2588.8	2913.5	3204.0	3470.2	3507.7	3444.2	3366.3	3241.5	3107.6	3033.5	2993.9
-32.5°	2198.1	2984.5	3339.7	3579.1	3638.4	3635.6	3653.2	3593.9	3552.1	3504.2	3436.5
-35°	1668.8	2494.1	3363.7	3474.1	3570.5	3656.5	3771.6	3801.1	3824.3	3850.8	3874.5
-37.5°	1165.3	1808.7	2531.2	3161.5	3361.9	3511.5	3715.4	3865.0	3989.4	4051.1	4125.2
-40°	965.3	1143.1	1702.9	2235.7	2760.7	3244.8	3464.4	3719.3	3957.7	4090.1	4211.2
-42.5°	945.5	1008.8	1076.0	1447.6	1892.0	2349.0	2797.9	3204.9	3638.6	3927.7	4140.4
-45°	951.9	983.8	1023.1	1088.3	1158.0	1506.7	1882.9	2266.9	2740.8	3203.9	3608.0
-47.5°	951.1	980.3	1011.4	1042.9	1084.4	1149.5	1216.3	1325.0	1661.0	2016.4	2360.2
-50°	918.2	977.4	1006.5	1036.0	1066.2	1098.3	1132.0	1179.7	1236.6	1289.9	1333.0
-52.5°	835.0	904.9	972.0	1028.3	1056.0	1084.2	1114.2	1153.9	1191.2	1226.2	1244.4
-55°	741.0	810.5	878.5	938.9	996.0	1050.9	1101.9	1138.3	1175.6	1213.4	1228.9
-57.5°	632.9	703.1	770.6	826.9	883.8	940.7	993.6	1044.2	1094.8	1142.7	1169.5
-60°	517.8	576.4	636.9	694.6	750.0	802.6	851.7	899.8	945.7	986.0	1011.3
-62.5°	404.9	451.0	502.0	552.1	600.7	647.6	693.0	736.2	777.0	811.4	835.3
-65°	309.9	344.4	379.5	415.6	452.5	492.9	531.0	567.0	600.8	628.7	649.5
-67.5°	210.5	240.3	268.7	295.5	322.6	351.1	380.0	407.2	432.5	453.1	469.3
-70°	126.5	145.1	163.2	182.5	204.2	225.0	245.4	264.7	282.8	296.8	307.4
-72.5°	69.0	75.7	84.6	99.4	113.1	125.7	137.4	147.9	157.3	165.1	171.5
-75°	42.0	45.4	50.8	56.1	61.1	66.0	70.6	74.8	78.7	81.9	84.6
-77.5°	32.1	33.9	35.7	37.3	38.8	40.5	42.1	43.7	45.1	46.3	47.5
-80°	25.7	26.7	27.7	28.6	29.5	30.6	31.6	32.6	33.7	34.3	34.9
-82.5°	19.6	20.6	21.5	22.3	23.1	23.7	24.3	24.9	25.4	26.0	26.4
-85°	14.9	15.5	16.3	17.0	17.7	18.0	18.2	18.3	18.4	18.8	19.2
-87.5°	12.3	12.6	12.9	13.3	13.6	13.9	14.2	14.5	14.9	15.2	15.5
-90°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-530N-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.4
87.5°	0.3	0.0	0.6	1.2	0.6	0.0	0.3	0.6	0.9	1.2	1.1
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
77.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3
75°	2.5	2.5	3.1	3.7	3.1	2.5	2.5	2.5	2.5	2.6	3.1
72.5°	5.2	5.0	5.0	5.0	5.0	5.0	5.2	5.3	5.4	5.5	5.8
70°	8.1	8.5	8.7	8.7	8.7	8.5	8.1	7.7	7.4	7.4	8.1
67.5°	9.0	8.7	7.6	6.2	7.6	8.7	9.0	9.2	9.3	9.6	10.3
65°	7.6	7.6	6.9	6.2	6.9	7.6	7.6	7.8	8.1	9.0	10.3
62.5°	6.3	6.3	6.2	6.2	6.2	6.3	6.3	6.4	6.6	7.3	8.4
60°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.6	7.2
57.5°	6.9	7.3	7.5	7.5	7.5	7.3	6.9	6.5	6.2	6.5	6.9
55°	8.0	8.5	8.7	8.7	8.7	8.5	8.0	7.5	7.0	7.2	7.3
52.5°	9.1	8.8	9.2	10.0	9.2	8.8	9.1	9.2	9.0	8.8	8.6
50°	10.9	11.0	11.2	11.2	11.2	11.0	10.9	10.8	10.7	10.6	10.3
47.5°	13.8	13.7	13.7	13.7	13.7	13.7	13.8	13.6	13.6	13.5	12.6
45°	20.4	20.8	21.4	22.4	21.4	20.8	20.4	19.7	25.3	26.3	19.2
42.5°	32.3	33.0	33.3	33.6	33.3	33.0	32.3	30.9	47.8	63.5	71.0
40°	76.9	61.1	45.8	46.1	45.8	61.1	76.9	81.1	75.9	89.4	96.9
37.5°	88.4	80.4	77.1	76.0	77.1	80.4	88.4	100.5	98.0	76.6	90.3
35°	167.3	170.2	166.4	168.1	166.4	170.2	167.3	167.6	158.7	131.3	151.7
32.5°	411.9	428.6	422.7	424.7	422.7	428.6	411.9	400.5	364.8	331.7	319.0
30°	855.7	907.1	918.7	915.4	918.7	907.1	855.7	823.4	743.4	682.4	601.3
27.5°	1382.3	1423.0	1431.4	1423.6	1431.4	1423.0	1382.3	1357.0	1294.2	1177.8	1016.1
25°	1953.7	1992.5	2014.4	2004.0	2014.4	1992.5	1953.7	1902.8	1810.7	1705.7	1573.4
22.5°	3635.6	3812.1	3898.2	4015.4	3898.2	3812.1	3635.6	3005.5	2461.3	2279.7	2094.3
20°	10722.2	11941.0	11710.0	11458.4	11710.0	11941.0	10722.2	7117.0	5230.0	3254.0	2693.4
17.5°	26763.9	32756.7	35610.4	34448.7	35610.4	32756.7	26763.9	19301.2	13295.0	6877.3	4045.5
15°	54740.0	71484.1	81274.3	78660.8	81274.3	71484.1	54740.0	37910.7	26179.9	15902.6	7309.4
12.5°	99161.9	125773.3	146160.1	149078.4	146160.1	125773.3	99161.9	70741.6	41248.2	26652.9	14227.6
10°	155947.6	205123.0	245648.8	258880.5	245648.8	205123.0	155947.6	108637.4	68884.2	38540.0	19754.4
7.5°	223633.5	289279.4	336016.9	349007.8	336016.9	289279.4	223633.5	150317.5	94374.7	55243.8	27941.0
5°	277918.5	353468.1	405224.5	421121.7	405224.5	353468.1	277918.5	190196.9	119025.5	68524.7	33091.2
2.5°	318579.6	397824.0	455538.0	481909.2	455538.0	397824.0	318579.6	222827.5	132434.1	73189.8	33948.9
0°	334331.0	414186.8	478904.4	516382.2	478904.4	414186.8	334331.0	237003.6	138483.7	76390.3	35326.8
-2.5°	318922.5	393166.1	443002.9	467578.7	443002.9	393166.1	318922.5	221796.3	132892.5	75235.1	34850.9
-5°	265513.3	331209.0	374186.5	391536.5	374186.5	331209.0	265513.3	182812.2	112999.2	66086.2	32185.7
-7.5°	190246.7	244175.1	276210.0	290828.9	276210.0	244175.1	190246.7	131735.4	85174.6	49764.1	25411.0
-10°	123601.4	153451.5	185751.4	192664.5	185751.4	153451.5	123601.4	84585.0	57920.4	33849.9	17047.5
-12.5°	69634.0	88469.9	104523.0	110316.5	104523.0	88469.9	69634.0	51378.2	31451.5	21198.7	11522.9
-15°	37674.3	48406.2	54188.6	55610.7	54188.6	48406.2	37674.3	27145.1	19235.6	11854.5	5977.0
-17.5°	21630.1	26785.4	29735.3	31089.7	29735.3	26785.4	21630.1	15866.5	10754.1	6062.4	3863.8
-20°	11558.5	14467.4	16128.3	17350.8	16128.3	14467.4	11558.5	7766.2	5450.1	3553.4	2996.5



REPORT NUMBER: P1306253 (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°	5309.0	6205.6	6712.3	7284.8	6712.3	6205.6	5309.0	4072.7	3216.0	2878.7	2667.9
-25°	3200.5	3321.1	3393.8	3452.5	3393.8	3321.1	3200.5	3015.8	2803.1	2657.4	2536.9
-27.5°	2898.1	2937.6	2960.3	2984.2	2960.3	2937.6	2898.1	2827.9	2746.1	2750.7	2770.0
-30°	2959.9	2919.8	2905.9	2890.8	2905.9	2919.8	2959.9	2993.9	3033.5	3107.6	3241.5
-32.5°	3368.4	3290.6	3248.9	3209.6	3248.9	3290.6	3368.4	3436.5	3504.2	3552.1	3593.9
-35°	3865.3	3830.4	3811.9	3788.7	3811.9	3830.4	3865.3	3874.5	3850.8	3824.3	3801.1
-37.5°	4137.7	4131.6	4130.5	4118.8	4130.5	4131.6	4137.7	4125.2	4051.1	3989.4	3865.0
-40°	4225.3	4222.9	4216.8	4211.0	4216.8	4222.9	4225.3	4211.2	4090.1	3957.7	3719.3
-42.5°	4197.1	4234.7	4252.7	4253.3	4252.7	4234.7	4197.1	4140.4	3927.7	3638.6	3204.9
-45°	3865.5	4057.0	4168.4	4198.5	4168.4	4057.0	3865.5	3608.0	3203.9	2740.8	2266.9
-47.5°	2666.3	2936.5	3144.7	3275.6	3144.7	2936.5	2666.3	2360.2	2016.4	1661.0	1325.0
-50°	1370.6	1405.8	1441.2	1475.9	1441.2	1405.8	1370.6	1333.0	1289.9	1236.6	1179.7
-52.5°	1259.0	1273.7	1282.8	1287.8	1282.8	1273.7	1259.0	1244.4	1226.2	1191.2	1153.9
-55°	1243.0	1256.6	1263.3	1265.4	1263.3	1256.6	1243.0	1228.9	1213.4	1175.6	1138.3
-57.5°	1192.5	1211.6	1222.8	1228.0	1222.8	1211.6	1192.5	1169.5	1142.7	1094.8	1044.2
-60°	1032.5	1049.4	1060.8	1067.4	1060.8	1049.4	1032.5	1011.3	986.0	945.7	899.8
-62.5°	855.1	870.8	879.5	883.0	879.5	870.8	855.1	835.3	811.4	777.0	736.2
-65°	666.8	680.4	694.1	704.9	694.1	680.4	666.8	649.5	628.7	600.8	567.0
-67.5°	482.9	493.9	506.0	515.6	506.0	493.9	482.9	469.3	453.1	432.5	407.2
-70°	315.7	321.7	331.6	340.0	331.6	321.7	315.7	307.4	296.8	282.8	264.7
-72.5°	176.6	180.5	187.7	194.3	187.7	180.5	176.6	171.5	165.1	157.3	147.9
-75°	86.9	88.7	89.5	89.7	89.5	88.7	86.9	84.6	81.9	78.7	74.8
-77.5°	48.5	49.5	49.7	49.8	49.7	49.5	48.5	47.5	46.3	45.1	43.7
-80°	35.5	36.0	36.7	37.4	36.7	36.0	35.5	34.9	34.3	33.7	32.6
-82.5°	26.9	27.3	27.4	27.4	27.4	27.3	26.9	26.4	26.0	25.4	24.9
-85°	19.5	19.9	19.9	19.9	19.9	19.9	19.5	19.2	18.8	18.4	18.3
-87.5°	15.9	16.2	16.2	16.2	16.2	16.2	15.9	15.5	15.2	14.9	14.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.1	12.8	12.5	12.2	11.9	11.5	11.2	10.9	10.6	10.3	10.0
87.5°	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.6	1.7	1.7
82.5°	1.2	1.2	1.2	1.4	1.6	1.7	1.8	1.9	2.1	2.3	2.5
80°	1.7	1.9	2.1	2.3	2.5	2.7	2.8	2.7	2.6	2.5	2.5
77.5°	2.3	2.4	2.6	2.9	3.2	3.5	3.7	3.6	3.5	3.3	3.2
75°	3.4	3.6	3.7	3.9	3.9	3.7	3.8	4.0	4.1	4.1	4.0
72.5°	6.1	6.3	6.8	7.4	7.5	7.7	7.4	6.8	6.2	5.5	4.9
70°	8.8	9.3	10.5	12.4	13.7	14.2	14.1	12.9	10.7	9.1	7.7
67.5°	11.0	11.6	13.3	15.9	17.9	19.6	21.5	22.7	21.9	19.5	13.8
65°	11.6	13.1	14.5	15.7	17.8	20.8	26.5	29.6	30.7	29.9	23.6
62.5°	9.6	11.0	11.9	13.2	14.8	18.3	26.2	32.4	37.0	36.7	29.5
60°	8.0	8.7	9.3	10.2	11.4	15.3	22.8	31.4	41.1	38.3	32.3
57.5°	7.3	7.7	8.2	8.5	8.7	11.9	17.8	25.9	35.2	34.6	31.5
55°	7.4	7.9	8.4	8.6	8.8	10.4	12.9	18.0	25.2	27.1	25.9
52.5°	8.6	8.8	9.1	9.6	9.8	10.2	11.3	14.1	16.1	18.8	20.2
50°	9.9	9.9	9.8	9.9	10.4	10.7	11.1	12.2	13.5	14.3	14.9
47.5°	12.3	12.1	11.3	11.0	11.8	11.4	11.5	11.7	12.8	13.3	13.3
45°	20.9	20.0	15.3	15.7	15.8	15.3	13.6	14.6	13.8	13.7	13.7
42.5°	51.7	40.0	35.6	29.0	24.5	23.1	20.8	20.9	19.7	16.3	16.4
40°	78.4	64.2	55.1	50.2	41.9	35.1	35.8	29.7	27.9	24.3	23.3
37.5°	91.9	70.9	80.9	76.9	66.1	63.9	63.1	51.6	37.6	44.6	42.8
35°	137.2	129.5	138.0	132.4	108.7	128.0	115.7	89.7	73.9	78.1	71.6
32.5°	279.7	274.3	255.4	235.8	230.3	229.4	208.2	159.3	146.7	136.2	115.6
30°	525.6	487.0	440.3	414.1	405.1	371.7	332.5	340.2	279.4	211.9	174.0
27.5°	906.8	767.7	699.8	728.6	638.2	564.0	599.4	632.6	472.0	344.4	257.4
25°	1398.0	1196.8	1185.3	1185.0	1047.2	911.9	969.6	973.4	814.7	522.0	371.2
22.5°	1951.9	1752.2	1676.1	1759.5	1599.5	1478.2	1406.4	1354.4	1235.2	848.4	576.1
20°	2418.5	2242.8	2113.5	2117.2	2141.1	2041.3	1895.9	1757.4	1595.5	1273.3	836.8
17.5°	2978.1	2659.2	2442.1	2394.6	2495.0	2503.8	2327.2	2112.1	1943.6	1712.2	1135.3
15°	3857.7	3060.0	2735.1	2628.5	2688.6	2740.4	2661.7	2439.9	2275.0	2083.5	1482.3
12.5°	6149.0	3438.1	2981.4	2728.3	2718.4	2854.3	2885.2	2745.2	2532.8	2262.1	1726.3
10°	8270.4	4322.4	3223.4	2878.1	2768.1	2887.0	2971.5	2810.9	2576.5	2352.3	1935.4
7.5°	12856.0	5724.4	3461.0	3001.4	2807.2	2840.6	2912.7	2763.8	2590.0	2414.4	2109.4
5°	16096.9	6755.4	3611.2	3082.4	2833.8	2826.5	2874.7	2681.6	2579.7	2453.9	2247.8
2.5°	17922.5	7283.1	3695.9	3138.7	2856.4	2843.8	2872.4	2630.3	2560.0	2441.8	2269.6
0°	17195.1	6766.7	3655.5	3149.8	2873.3	2884.5	2903.2	2619.2	2537.0	2415.0	2258.1
-2.5°	17620.9	7150.8	3700.2	3149.2	2887.3	2893.8	3046.6	2742.0	2605.5	2441.6	2235.7
-5°	15426.5	6439.3	3546.1	3031.7	2811.8	2839.4	3012.3	2778.2	2610.9	2438.3	2178.3
-7.5°	11963.5	5404.8	3333.9	2886.6	2711.6	2760.7	2876.2	2704.3	2497.2	2335.7	2041.4
-10°	7626.6	4130.5	3077.9	2737.9	2616.8	2689.3	2765.5	2595.1	2377.4	2229.7	1883.3
-12.5°	5336.4	3278.8	2811.9	2574.4	2540.6	2671.3	2707.3	2474.6	2252.9	2123.0	1710.0
-15°	3515.4	2917.0	2641.0	2508.3	2516.4	2638.8	2666.1	2457.9	2275.7	2064.6	1526.7
-17.5°	2989.7	2660.2	2500.2	2483.7	2554.1	2618.9	2628.9	2504.6	2324.9	2027.8	1363.2
-20°	2695.3	2524.1	2503.4	2529.6	2603.1	2652.6	2646.9	2566.6	2347.1	1840.8	1180.8



REPORT NUMBER: P1306253 (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°	2536.5	2570.4	2618.5	2650.1	2644.8	2658.1	2641.2	2568.5	2344.3	1580.9	974.1
-25°	2641.1	2761.4	2876.3	2889.5	2762.8	2663.9	2640.6	2500.4	2010.7	1301.5	777.4
-27.5°	2945.1	3113.4	3239.3	3185.7	2999.0	2752.7	2601.6	2360.9	1611.2	1034.3	759.8
-30°	3366.3	3444.2	3507.7	3470.2	3204.0	2913.5	2588.8	1891.0	1267.0	816.1	740.4
-32.5°	3653.2	3635.6	3638.4	3579.1	3339.7	2984.5	2198.1	1432.3	925.5	792.1	736.4
-35°	3771.6	3656.5	3570.5	3474.1	3363.7	2494.1	1668.8	1066.4	836.7	772.1	735.5
-37.5°	3715.4	3511.5	3361.9	3161.5	2531.2	1808.7	1165.3	902.1	814.7	768.5	731.7
-40°	3464.4	3244.8	2760.7	2235.7	1702.9	1143.1	965.3	880.9	823.2	763.3	726.2
-42.5°	2797.9	2349.0	1892.0	1447.6	1076.0	1008.8	945.5	889.5	831.8	771.6	694.7
-45°	1882.9	1506.7	1158.0	1088.3	1023.1	983.8	951.9	899.1	841.3	749.5	656.8
-47.5°	1216.3	1149.5	1084.4	1042.9	1011.4	980.3	951.1	906.6	803.3	707.5	615.6
-50°	1132.0	1098.3	1066.2	1036.0	1006.5	977.4	918.2	842.3	745.0	652.3	565.9
-52.5°	1114.2	1084.2	1056.0	1028.3	972.0	904.9	835.0	759.1	674.2	587.0	506.1
-55°	1101.9	1050.9	996.0	938.9	878.5	810.5	741.0	667.8	591.1	512.1	437.6
-57.5°	993.6	940.7	883.8	826.9	770.6	703.1	632.9	564.8	500.9	431.3	365.2
-60°	851.7	802.6	750.0	694.6	636.9	576.4	517.8	460.7	405.6	354.7	303.6
-62.5°	693.0	647.6	600.7	552.1	502.0	451.0	404.9	364.5	324.5	282.2	234.7
-65°	531.0	492.9	452.5	415.6	379.5	344.4	309.9	274.7	238.4	201.2	161.5
-67.5°	380.0	351.1	322.6	295.5	268.7	240.3	210.5	179.9	154.6	130.8	104.3
-70°	245.4	225.0	204.2	182.5	163.2	145.1	126.5	107.4	87.4	74.5	63.9
-72.5°	137.4	125.7	113.1	99.4	84.6	75.7	69.0	62.0	54.1	45.3	38.7
-75°	70.6	66.0	61.1	56.1	50.8	45.4	42.0	39.3	36.7	34.2	31.9
-77.5°	42.1	40.5	38.8	37.3	35.7	33.9	32.1	30.4	29.1	27.7	26.2
-80°	31.6	30.6	29.5	28.6	27.7	26.7	25.7	24.6	23.4	22.3	21.2
-82.5°	24.3	23.7	23.1	22.3	21.5	20.6	19.6	18.9	18.2	17.6	16.9
-85°	18.2	18.0	17.7	17.0	16.3	15.5	14.9	14.7	14.5	14.3	14.0
-87.5°	14.2	13.9	13.6	13.3	12.9	12.6	12.3	12.2	12.1	11.9	11.8
-90°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2



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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°	9.7	9.4	9.0	8.7	8.7	8.7	8.7	8.7	8.1	7.5	6.8
87.5°	1.4	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8
85°	1.9	2.0	2.3	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0
82.5°	2.5	2.5	2.4	2.5	2.7	2.8	2.9	2.8	3.0	3.1	3.3
80°	2.7	2.9	2.9	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7
77.5°	3.2	3.3	3.5	3.5	3.4	3.4	3.5	3.8	4.0	4.0	4.1
75°	3.7	3.6	3.6	3.8	3.8	3.7	3.6	3.8	4.1	4.4	4.5
72.5°	4.6	4.3	4.0	3.9	4.0	4.1	3.9	3.8	4.1	4.5	4.8
70°	6.4	5.3	4.7	4.5	4.4	4.5	4.4	4.3	4.2	4.5	4.8
67.5°	8.8	7.2	6.0	5.2	4.8	4.8	4.9	4.8	4.7	4.5	4.8
65°	16.8	11.3	7.4	6.3	5.5	5.0	5.0	5.3	5.2	5.0	4.9
62.5°	23.0	17.1	11.8	8.1	6.3	5.5	5.1	5.5	5.6	5.4	5.2
60°	27.1	20.7	15.9	11.6	8.0	6.1	5.6	5.7	5.9	5.8	5.5
57.5°	26.1	22.6	19.0	14.7	10.5	7.3	6.2	6.2	6.2	6.2	5.9
55°	22.9	20.1	20.8	17.7	12.9	8.9	7.2	6.8	6.7	6.6	6.2
52.5°	18.8	18.8	20.5	19.8	15.7	10.7	8.7	7.3	7.2	7.0	6.6
50°	15.2	17.9	20.4	21.0	18.3	13.8	10.1	8.5	7.7	7.5	7.1
47.5°	13.8	17.1	19.7	22.2	20.6	16.7	12.4	9.6	8.2	7.9	7.5
45°	15.3	16.6	19.2	21.6	23.1	19.0	14.8	10.7	9.1	8.4	8.0
42.5°	18.4	18.7	19.4	21.0	22.9	20.9	17.1	12.6	10.0	8.8	8.4
40°	23.1	22.6	20.9	22.6	22.9	22.6	18.7	14.6	10.8	9.4	8.8
37.5°	29.3	28.0	25.2	26.9	24.6	23.1	20.0	16.4	11.9	10.2	9.2
35°	52.9	35.1	39.4	37.3	30.5	24.3	21.1	17.8	13.7	11.0	9.5
32.5°	83.2	65.9	69.6	54.8	38.6	25.9	22.3	19.3	15.4	11.8	9.9
30°	139.6	138.3	115.4	77.1	51.2	33.4	24.6	21.2	17.0	12.6	10.3
27.5°	235.3	226.4	178.5	119.5	72.6	43.3	28.4	23.2	18.6	13.6	11.0
25°	333.5	317.9	263.9	177.1	97.3	67.4	32.8	25.6	20.2	14.9	11.7
22.5°	439.1	406.3	359.8	244.1	138.9	99.4	45.0	29.2	22.0	16.1	12.3
20°	543.0	493.7	456.6	301.7	190.6	136.5	68.1	33.0	23.9	17.3	12.9
17.5°	667.9	563.6	494.8	358.6	242.4	174.0	95.3	37.1	25.8	18.3	13.5
15°	863.5	610.1	528.7	408.6	287.2	211.5	125.7	41.3	27.8	19.3	14.1
12.5°	1041.7	653.3	562.1	452.1	325.9	248.7	158.2	45.6	29.8	20.2	14.6
10°	1208.4	693.1	594.6	489.3	359.0	285.2	191.7	49.9	31.6	21.1	15.0
7.5°	1359.5	729.2	625.5	520.6	384.3	308.4	212.5	54.1	33.3	21.9	15.4
5°	1473.4	755.8	648.7	534.7	390.8	316.5	228.1	58.0	34.9	22.6	15.7
2.5°	1484.1	769.2	666.0	542.4	395.1	321.9	240.0	61.6	36.2	23.2	16.0
0°	1462.2	778.4	680.0	545.5	397.3	325.1	247.9	64.8	37.4	23.7	16.2
-2.5°	1441.3	778.7	681.3	555.1	415.2	334.6	256.6	83.3	49.3	30.4	19.3
-5°	1394.4	775.6	679.0	561.0	430.5	342.2	261.9	100.9	60.8	36.8	22.3
-7.5°	1314.7	760.7	669.3	562.7	442.3	348.0	264.3	117.2	71.4	42.8	25.0
-10°	1208.5	737.5	650.4	553.9	447.9	355.5	265.2	131.9	81.0	48.1	27.5
-12.5°	1078.7	711.7	631.1	545.2	451.4	364.4	267.7	144.2	89.5	52.7	29.6
-15°	926.2	683.7	612.5	537.7	453.9	371.6	267.7	154.3	97.0	57.1	31.3
-17.5°	757.7	653.8	595.3	532.4	455.8	377.1	265.5	162.1	103.2	61.4	33.2
-20°	722.4	639.9	580.9	530.2	457.4	380.9	261.2	167.5	107.9	64.6	35.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	710.8	641.4	585.5	528.6	458.9	383.1	255.1	170.2	110.9	66.5	36.2
-25°	697.1	644.2	592.5	528.3	458.6	372.3	252.2	170.0	112.1	67.1	36.4
-27.5°	694.6	648.8	598.8	523.1	450.7	360.0	251.1	170.9	112.0	66.3	35.7
-30°	699.1	654.1	592.5	512.7	439.3	339.7	246.3	169.5	111.0	65.1	34.1
-32.5°	700.8	659.0	577.4	497.5	417.6	318.5	234.9	165.6	107.9	63.2	33.2
-35°	698.1	642.1	556.2	478.1	391.9	301.6	221.7	159.3	102.8	59.8	32.1
-37.5°	692.1	611.7	531.1	452.6	365.8	282.2	209.7	149.1	95.7	55.0	30.5
-40°	657.6	579.6	502.0	423.6	341.0	260.3	195.4	137.3	88.3	48.7	28.2
-42.5°	621.3	544.9	468.8	393.7	314.4	241.9	179.0	123.3	78.6	44.0	25.2
-45°	580.4	506.3	432.1	358.3	286.2	221.0	160.9	107.7	67.5	39.8	22.9
-47.5°	535.7	463.0	390.2	319.2	259.6	197.6	140.3	93.5	55.1	34.8	21.9
-50°	485.4	414.0	343.2	282.9	228.1	171.4	118.5	77.6	48.1	28.8	20.8
-52.5°	429.7	358.2	299.2	246.6	193.6	142.5	98.6	61.2	40.4	25.8	19.5
-55°	366.0	307.8	257.7	206.1	156.3	115.7	76.9	51.3	32.0	24.0	18.2
-57.5°	311.1	261.1	210.4	161.9	122.2	88.0	60.7	40.6	28.3	22.1	17.2
-60°	254.6	205.1	158.5	122.6	90.2	65.3	47.3	32.0	25.8	20.3	16.2
-62.5°	189.0	147.8	116.0	85.9	64.8	48.9	35.1	29.0	23.2	19.0	15.1
-65°	131.0	101.9	75.7	60.8	46.2	35.3	31.2	25.7	21.5	17.8	14.2
-67.5°	78.9	66.0	53.0	39.9	34.5	30.9	27.1	23.5	20.0	16.4	13.6
-70°	52.8	41.4	35.9	32.9	29.8	26.7	24.5	21.8	18.4	15.5	13.0
-72.5°	36.0	33.3	30.7	28.1	25.9	23.9	22.2	20.1	17.1	14.5	12.3
-75°	29.7	27.9	26.0	24.2	22.5	21.1	19.9	18.3	15.8	13.5	11.4
-77.5°	24.7	23.2	21.6	20.5	19.6	18.6	17.7	16.4	14.3	12.4	10.4
-80°	20.3	19.3	18.4	17.6	16.9	16.2	15.6	14.9	13.0	11.2	9.4
-82.5°	16.3	15.9	15.5	15.2	14.8	14.3	13.9	13.4	11.7	10.0	8.5
-85°	13.8	13.6	13.3	13.0	12.8	12.5	12.2	11.9	10.5	9.2	8.0
-87.5°	11.6	11.4	11.1	10.9	10.7	10.6	10.5	10.3	9.3	8.3	7.4
-90°	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.2	5.6	5.0	4.3	3.7	3.7	3.7
87.5°	2.8	3.0	3.2	3.4	3.7	3.7	3.7
85°	3.1	3.2	3.3	3.5	3.7	3.8	3.7
82.5°	3.4	3.4	3.4	3.5	3.7	3.8	3.7
80°	3.7	3.6	3.5	3.6	3.7	3.8	3.7
77.5°	4.1	3.8	3.6	3.6	3.7	3.8	3.7
75°	4.4	4.1	3.7	3.6	3.7	3.9	3.7
72.5°	4.7	4.3	4.0	3.7	3.7	3.9	3.7
70°	5.0	4.6	4.2	3.7	3.8	3.9	3.7
67.5°	5.0	4.9	4.4	3.9	3.8	4.0	3.7
65°	5.1	5.0	4.6	4.0	3.8	4.0	3.7
62.5°	5.1	5.1	4.8	4.2	3.8	4.0	3.7
60°	5.2	5.2	5.0	4.3	3.9	4.1	3.7
57.5°	5.5	5.4	5.1	4.5	4.0	4.1	3.7
55°	5.8	5.5	5.2	4.6	4.1	4.1	3.7
52.5°	6.1	5.6	5.4	4.8	4.2	4.2	3.7
50°	6.4	5.9	5.5	4.9	4.4	4.2	3.7
47.5°	6.7	6.1	5.6	5.0	4.5	4.3	3.7
45°	7.2	6.4	5.8	5.1	4.6	4.3	3.7
42.5°	7.6	6.6	5.9	5.2	4.7	4.3	3.7
40°	8.0	6.9	6.1	5.4	4.8	4.4	3.7
37.5°	8.4	7.1	6.3	5.6	4.9	4.4	3.7
35°	8.9	7.4	6.5	5.7	5.1	4.5	3.7
32.5°	9.3	7.7	6.6	5.9	5.2	4.5	3.7
30°	9.6	8.1	6.8	6.0	5.3	4.5	3.7
27.5°	9.9	8.4	7.0	6.2	5.4	4.6	3.7
25°	10.1	8.7	7.2	6.3	5.5	4.6	3.7
22.5°	10.4	9.0	7.4	6.5	5.6	4.7	3.7
20°	10.7	9.3	7.6	6.6	5.6	4.7	3.7
17.5°	10.9	9.5	7.7	6.7	5.7	4.8	3.7
15°	11.2	9.6	7.9	6.9	5.8	4.8	3.7
12.5°	11.4	9.8	8.1	7.0	5.9	4.8	3.7
10°	11.6	9.9	8.2	7.1	6.0	4.9	3.7
7.5°	11.9	9.9	8.3	7.2	6.0	4.9	3.7
5°	12.1	10.0	8.5	7.3	6.1	4.9	3.7
2.5°	12.3	10.0	8.6	7.4	6.1	5.0	3.7
0°	12.5	10.0	8.7	7.5	6.2	5.0	3.7
-2.5°	13.6	10.5	8.9	7.6	6.3	5.0	3.7
-5°	14.7	11.0	9.1	7.6	6.3	5.0	3.7
-7.5°	15.8	11.5	9.3	7.7	6.3	5.1	3.7
-10°	16.7	12.0	9.5	7.8	6.4	5.1	3.7
-12.5°	17.5	12.4	9.6	7.8	6.4	5.1	3.7
-15°	18.3	12.7	9.7	7.8	6.5	5.1	3.7
-17.5°	18.8	13.0	9.8	7.9	6.5	5.1	3.7
-20°	19.4	13.2	9.9	7.9	6.5	5.1	3.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.1	13.4	10.0	7.9	6.5	5.1	3.7
-25°	20.4	13.5	10.0	7.9	6.5	5.1	3.7
-27.5°	20.3	13.6	9.9	7.9	6.5	5.1	3.7
-30°	19.9	13.5	9.9	7.9	6.5	5.1	3.7
-32.5°	19.0	13.5	9.9	7.9	6.5	5.1	3.7
-35°	18.6	13.3	9.8	7.9	6.5	5.0	3.7
-37.5°	18.3	13.1	9.7	7.8	6.5	5.0	3.7
-40°	17.9	12.9	9.6	7.8	6.4	5.0	3.7
-42.5°	17.4	12.7	9.5	7.8	6.4	5.0	3.7
-45°	16.8	12.5	9.5	7.8	6.4	4.9	3.7
-47.5°	16.0	12.1	9.4	7.7	6.3	4.9	3.7
-50°	15.4	11.7	9.4	7.7	6.3	4.8	3.7
-52.5°	14.9	11.3	9.3	7.6	6.2	4.8	3.7
-55°	14.2	11.1	9.2	7.5	6.2	4.7	3.7
-57.5°	13.4	10.9	9.0	7.4	6.1	4.7	3.7
-60°	12.7	10.6	8.8	7.2	6.0	4.6	3.7
-62.5°	12.3	10.4	8.6	7.1	5.9	4.5	3.7
-65°	11.9	10.1	8.3	6.9	5.7	4.5	3.7
-67.5°	11.4	9.6	8.0	6.7	5.5	4.4	3.7
-70°	11.0	9.1	7.6	6.5	5.4	4.3	3.7
-72.5°	10.2	8.6	7.3	6.3	5.2	4.3	3.7
-75°	9.4	8.0	6.9	6.0	5.0	4.2	3.7
-77.5°	8.5	7.4	6.6	5.7	4.8	4.1	3.7
-80°	7.6	6.9	6.2	5.4	4.6	4.0	3.7
-82.5°	7.2	6.6	5.9	5.2	4.3	3.9	3.7
-85°	6.9	6.3	5.6	4.9	4.1	3.9	3.7
-87.5°	6.5	5.9	5.3	4.6	3.9	3.8	3.7
-90°	2.5	2.8	3.1	3.4	3.7	3.7	3.7

(END OF REPORT)