

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: P1305992 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

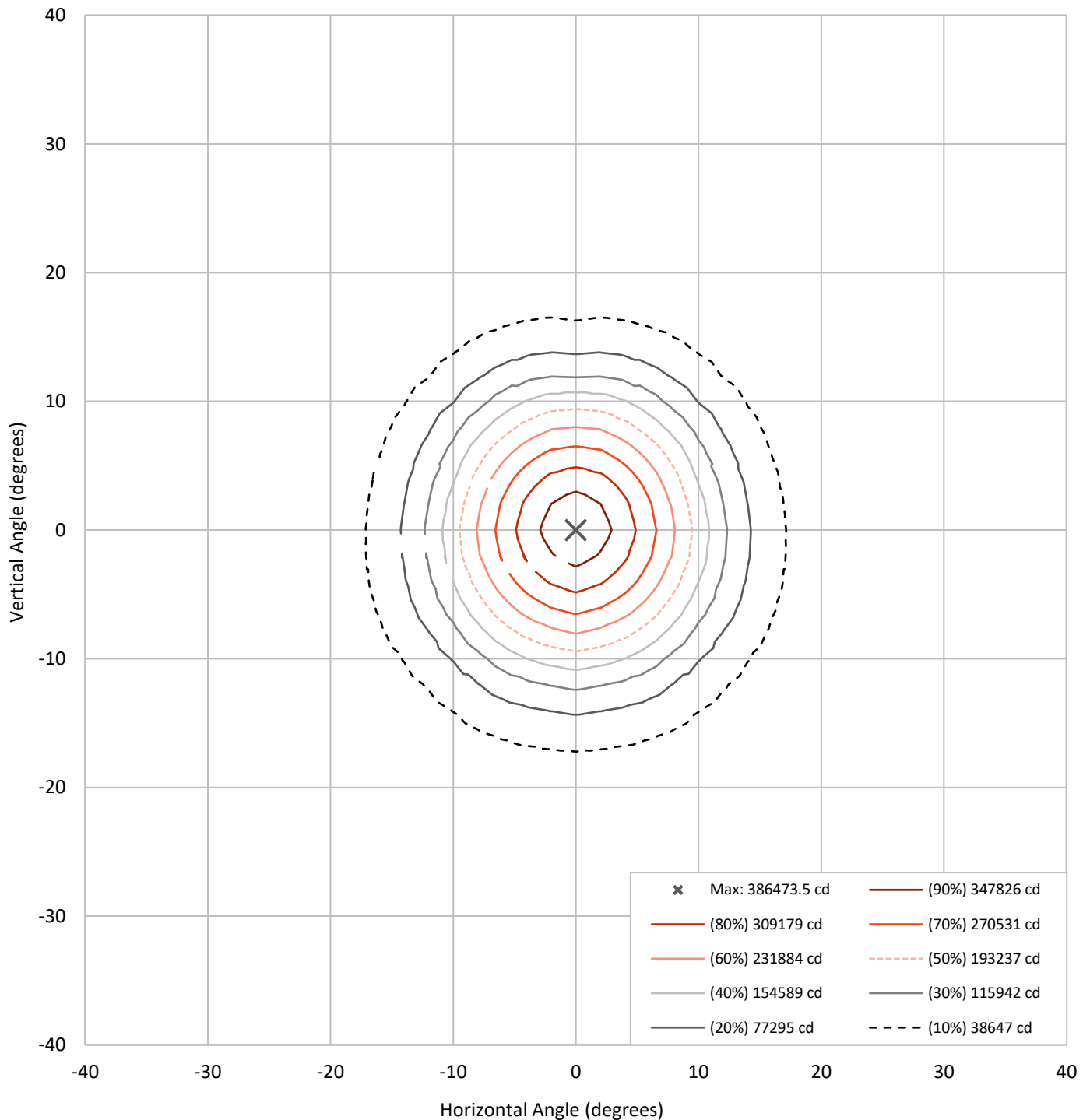
Test Method: LM-79-08
Report Number: P1305992 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-1S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S 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:	50940.9 lumens	Max Intensity:	386473.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	22581.2 lumens	Field Lumens:	41128.2 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
Input Watts (W):	336		
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





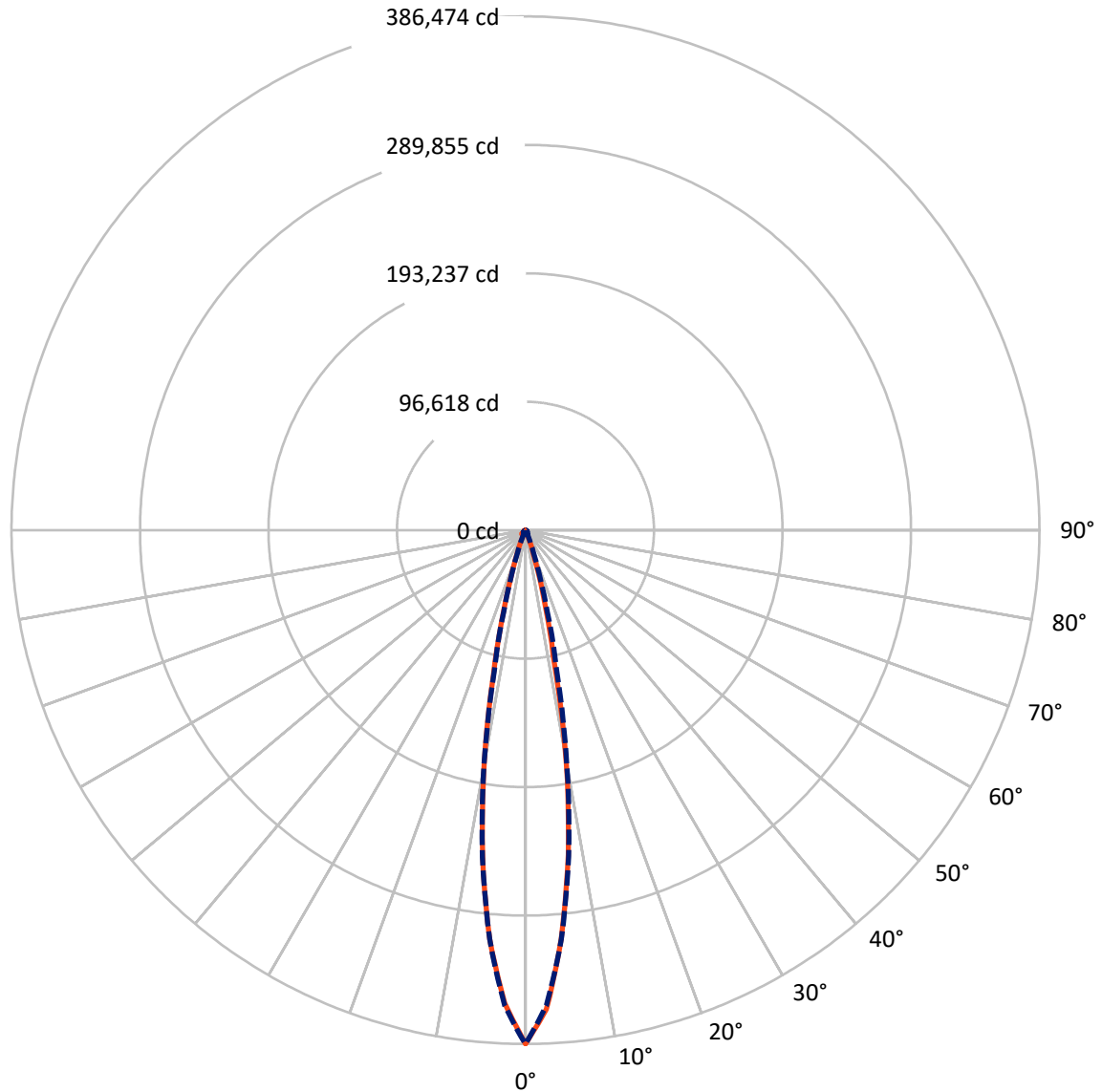
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Lumen Table

90	0.2	0.7		1.3		1.8		1.9		1.8		1.3		0.7		0.2			
80	0.2	0.7		1.3		1.8		1.9		1.8		1.3		0.7		0.2			
70	0.2	0.1	0.2	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.2	0.1	0.2			
60		0.3	0.6	0.7	0.6	0.5	0.7	0.7	0.7	0.7	0.5	0.6	0.7	0.6	0.3				
50	0.7	0.9	1.9	3.7	5.7	9.9	15.1	16.7	16.7	15.1	9.9	5.7	3.7	1.9	0.9	0.7			
40		2.0	5.5	9.9	20.8	34.1	38.2	40.0	40.0	38.2	34.1	20.8	9.9	5.5	2.0				
30	1.7	3.3	9.0	18.4	43.8	46.5	56.4	93.4	93.4	56.4	46.5	43.8	18.4	9.0	3.3	1.7			
20		4.5	11.5	32.8	58.1	68.5	426.9	1701.1	1701.1	426.9	68.5	58.1	32.8	11.5	4.5				
10	2.5	5.5	13.5	43.4	64.8	127.9	1724.8	7175.8	7175.8	1724.8	127.9	64.8	43.4	13.5	5.5	2.5			
0		6.1	15.2	46.4	72.0	143.0	1813.2	7141.3	7141.3	1813.2	143.0	72.0	46.4	15.2	6.1				
-10	2.9	6.3	16.2	45.8	79.8	98.3	503.4	1843.2	1843.2	503.4	98.3	79.8	45.8	16.2	6.3	2.9			
-20		6.1	16.4	35.4	81.3	99.6	108.6	168.7	168.7	108.6	99.6	81.3	35.4	16.4	6.1				
-30	2.7	5.5	15.3	28.2	59.6	100.1	112.4	113.7	113.7	112.4	100.1	59.6	28.2	15.3	5.5	2.7			
-40		4.6	12.6	24.7	36.9	55.8	82.6	103.0	103.0	82.6	55.8	36.9	24.7	12.6	4.6				
-50	2.3	3.6	9.1	18.0	28.7	37.4	43.6	47.6	47.6	43.6	37.4	28.7	18.0	9.1	3.6	2.3			
-60		2.8	6.0	11.0	17.3	23.3	28.4	31.8	31.8	28.4	23.3	17.3	11.0	6.0	2.8				
-70	1.6	10.7		25.7		40.3		48.1		40.3		25.7		10.7		1.6			
-80		10.7		25.7		40.3		48.1		40.3		25.7		10.7					
-90	1.6	10.7		25.7		40.3		48.1		40.3		25.7		10.7		1.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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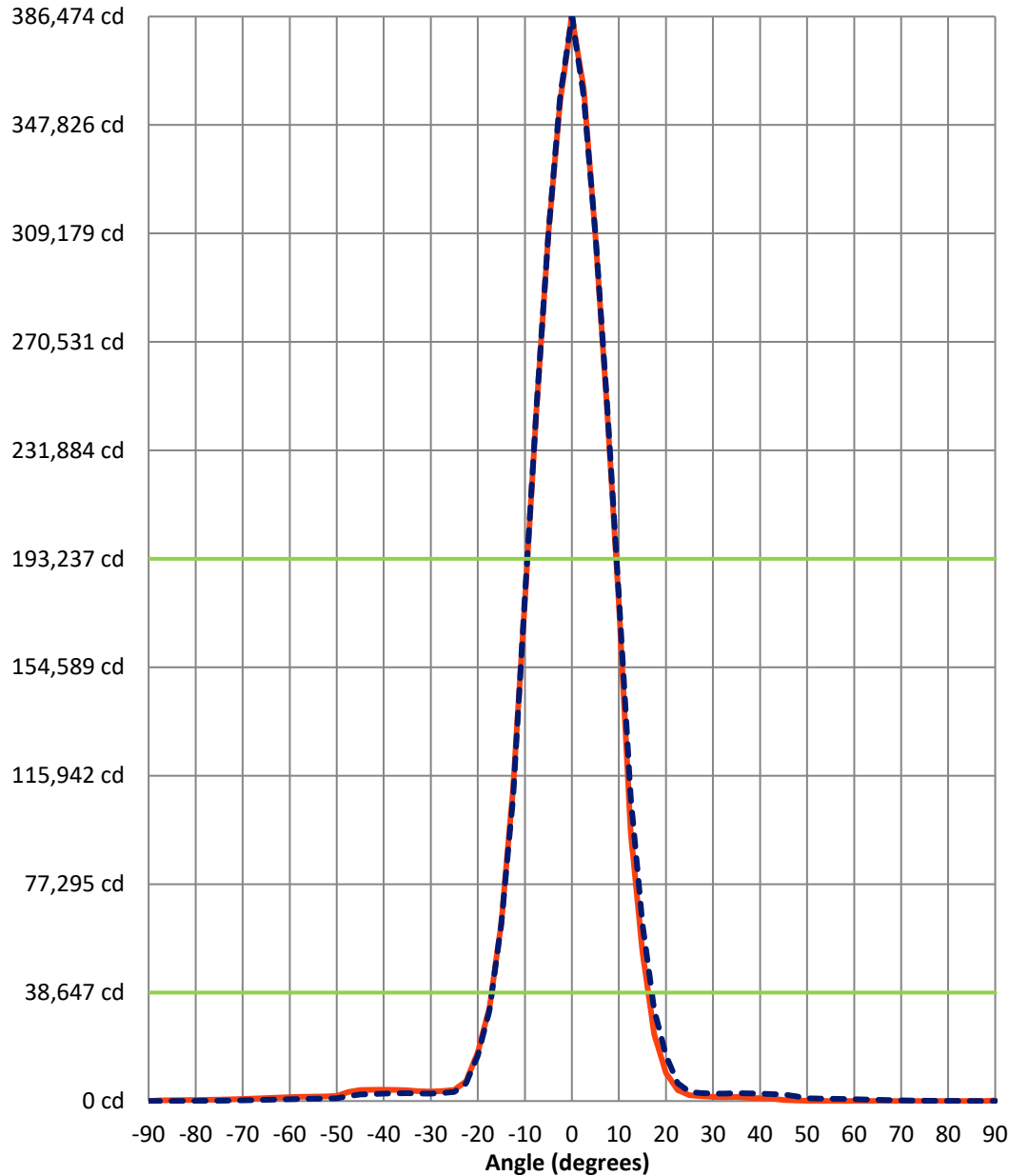
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 19°
V Angle: 18.9°
Lumens: 22581.2
Efficiency: 44.3%

Field:
H Angle: 34°
V Angle: 33.3°
Lumens: 41128.2
Efficiency: 80.7%

Spill:
Lumens: 9812.7
Efficiency: 19.3%

— 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°	5.5	14.7	24.0	36.0	48.0	60.0	72.0	80.5	89.1	97.6	106.1
87.5°	5.5	4.8	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.7	3.7
85°	5.5	4.9	4.0	4.1	4.0	3.9	3.7	3.7	3.7	3.7	3.7
82.5°	5.5	5.1	4.2	4.2	4.2	4.0	3.7	3.7	3.7	3.8	3.7
80°	5.5	5.3	4.4	4.4	4.3	4.1	3.8	4.0	4.0	4.0	3.7
77.5°	5.5	5.4	4.6	4.6	4.5	4.4	4.3	4.4	4.4	4.2	3.9
75°	5.5	5.6	4.8	4.8	4.8	5.1	4.9	4.8	4.8	4.8	4.4
72.5°	5.5	5.8	5.0	5.0	5.4	5.7	5.4	5.4	5.7	5.5	5.0
70°	5.5	6.0	5.2	5.2	6.1	6.4	6.1	6.4	6.6	6.3	6.0
67.5°	5.5	6.1	5.4	5.9	6.8	7.1	7.3	7.4	7.6	7.9	7.3
65°	5.5	6.3	5.7	6.5	7.5	8.1	8.6	8.5	9.3	9.5	9.0
62.5°	5.5	6.5	6.0	7.1	8.3	9.5	9.9	10.1	11.2	11.4	11.3
60°	5.5	6.7	6.2	7.7	9.0	10.9	11.4	12.0	13.1	14.0	13.9
57.5°	5.5	6.9	6.9	8.4	10.3	12.3	13.7	14.1	15.7	16.9	18.4
55°	5.5	7.1	7.5	9.0	11.6	13.9	16.1	16.7	18.6	20.5	24.1
52.5°	5.5	7.3	8.2	9.6	12.9	15.6	18.8	20.1	21.6	26.7	30.4
50°	5.5	7.5	8.9	10.3	14.3	18.0	21.5	24.0	25.7	33.3	40.5
47.5°	5.5	7.7	9.6	11.0	15.7	20.5	24.6	28.1	32.1	40.3	51.6
45°	5.5	7.9	10.3	12.1	17.1	23.1	28.4	32.5	40.1	51.2	63.5
42.5°	5.5	8.1	11.1	13.2	18.5	25.8	32.5	38.8	48.5	62.6	81.1
40°	5.5	8.3	11.9	14.6	20.3	28.5	36.7	46.3	58.3	74.7	101.0
37.5°	5.5	8.5	12.6	16.2	22.4	31.2	41.1	54.0	70.5	90.3	122.1
35°	5.5	8.7	13.4	17.9	24.6	34.5	45.6	61.9	82.9	109.9	145.9
32.5°	5.5	8.9	14.2	19.5	26.7	38.1	50.8	69.9	95.6	129.1	170.7
30°	5.5	9.1	15.1	21.3	28.8	41.7	57.2	78.5	108.5	147.9	194.4
27.5°	5.5	9.3	15.9	23.0	31.7	45.3	63.7	89.1	122.5	166.1	217.1
25°	5.5	9.5	16.7	24.7	34.8	48.9	70.1	99.6	137.9	185.0	238.8
22.5°	5.5	9.7	17.5	26.5	37.8	52.7	76.4	109.9	152.7	203.4	262.6
20°	5.5	9.8	18.3	28.2	40.8	57.1	82.5	120.0	166.9	220.7	285.2
17.5°	5.5	10.0	19.1	29.9	43.8	61.3	88.7	129.9	180.4	237.0	306.3
15°	5.5	10.2	19.9	31.6	46.7	65.4	94.7	139.0	193.1	252.1	326.0
12.5°	5.5	10.4	20.7	33.2	49.5	69.3	100.3	146.9	204.7	266.1	344.2
10°	5.5	10.5	21.4	34.8	52.2	73.0	105.6	154.2	215.3	281.3	362.9
7.5°	5.5	10.7	22.1	36.4	54.8	76.5	110.4	160.7	225.2	296.3	384.7
5°	5.5	10.8	22.8	37.9	57.3	79.8	114.9	166.6	234.1	310.3	405.1
2.5°	5.5	11.0	23.4	39.3	59.6	82.9	119.0	171.8	242.1	323.3	424.0
0°	5.5	11.1	24.0	40.6	61.8	85.8	122.7	176.2	249.1	334.9	440.9
-2.5°	5.5	11.6	25.3	42.7	64.6	89.4	127.1	182.2	257.2	343.9	450.4
-5°	5.5	12.2	26.6	44.8	67.2	92.7	131.0	187.5	264.1	351.2	457.7
-7.5°	5.5	12.7	27.7	46.7	69.6	95.7	134.4	191.8	269.7	357.1	462.9
-10°	5.5	13.2	28.9	48.5	71.8	98.6	137.4	195.3	273.8	361.3	465.9
-12.5°	5.5	13.6	29.9	50.2	73.9	101.1	139.9	197.9	276.6	364.2	469.1
-15°	5.5	14.1	30.9	51.7	75.8	103.4	141.9	199.4	278.1	366.8	470.9
-17.5°	5.5	14.5	31.8	53.2	77.5	105.3	143.4	200.6	278.7	367.5	470.1
-20°	5.5	15.0	32.6	54.4	79.1	107.0	144.7	201.2	277.7	366.4	466.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.5	15.3	33.4	55.6	80.4	108.4	145.9	200.6	275.2	363.4	460.7
-25°	5.5	15.7	34.0	56.6	81.6	109.7	146.6	198.9	271.2	358.5	452.1
-27.5°	5.5	16.1	34.6	57.4	82.6	110.8	146.5	196.1	265.7	351.9	444.7
-30°	5.5	16.4	35.0	58.1	83.4	111.6	145.9	192.1	260.5	344.3	435.3
-32.5°	5.5	16.6	35.4	58.6	84.1	112.0	144.6	190.0	255.0	334.8	423.6
-35°	5.5	16.9	35.6	58.9	84.5	112.1	144.2	187.9	248.1	323.6	409.7
-37.5°	5.5	17.1	35.8	59.1	84.7	112.0	143.9	185.0	239.7	310.6	395.3
-40°	5.5	17.3	35.9	59.1	84.6	111.9	143.1	181.4	229.9	298.6	378.9
-42.5°	5.5	17.5	35.8	59.0	84.4	111.6	141.9	176.9	222.8	285.7	359.8
-45°	5.5	17.6	35.7	58.6	83.9	110.9	140.3	173.0	216.8	270.9	338.9
-47.5°	5.5	17.7	35.4	58.1	83.2	109.9	138.2	170.5	209.7	254.7	320.3
-50°	5.5	17.8	35.1	57.5	82.3	108.6	136.4	167.4	201.1	244.7	299.8
-52.5°	5.5	17.8	34.6	56.8	81.2	107.0	134.4	163.9	195.0	233.5	278.5
-55°	5.5	17.8	34.1	55.9	79.8	105.2	132.0	159.9	189.6	221.2	264.2
-57.5°	5.5	17.8	33.4	54.9	78.2	103.0	129.2	156.5	183.7	212.9	248.5
-60°	5.5	17.7	32.7	53.7	76.3	100.6	126.0	152.3	177.6	205.5	234.4
-62.5°	5.5	17.6	32.3	52.3	74.4	97.9	122.5	147.6	172.0	197.5	225.2
-65°	5.5	17.5	31.9	50.8	72.2	94.8	118.7	142.5	165.9	190.0	215.4
-67.5°	5.5	17.3	31.4	49.2	69.8	91.6	114.5	137.0	159.4	182.4	206.1
-70°	5.5	17.1	30.8	47.4	67.3	88.1	110.0	131.1	152.2	174.2	196.6
-72.5°	5.5	16.9	30.2	46.2	64.5	84.4	105.2	124.8	144.6	165.2	186.5
-75°	5.5	16.7	29.5	45.0	61.6	80.5	100.1	118.2	136.6	155.7	175.4
-77.5°	5.5	16.4	28.7	43.8	59.5	76.3	94.7	111.3	128.2	145.7	163.8
-80°	5.5	16.1	27.8	42.4	57.4	72.9	89.1	104.1	119.4	135.2	151.5
-82.5°	5.5	15.8	27.0	40.9	55.2	69.9	84.9	97.4	110.3	124.3	138.7
-85°	5.5	15.5	26.0	39.3	52.9	66.7	80.8	91.9	103.3	114.9	126.8
-87.5°	5.5	15.1	25.0	37.7	50.5	63.4	76.5	86.3	96.2	106.3	116.5
-90°	5.5	4.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



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 CATALOG NUMBER: EPH-08-320N-40-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	114.2	122.3	130.3	138.4	144.4	150.4	156.4	162.4	167.5	172.6	177.6
87.5°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.3	2.1
85°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.3	2.1
82.5°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.5	2.3
80°	3.5	3.3	3.2	3.1	3.1	3.1	3.0	2.8	2.8	2.8	2.8
77.5°	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.1
75°	4.2	4.2	4.1	3.9	3.6	3.6	3.7	3.7	3.6	3.3	3.1
72.5°	4.8	4.8	4.5	4.0	3.9	4.0	3.9	3.8	4.1	4.6	5.1
70°	5.6	5.4	5.3	4.9	4.4	4.6	5.4	6.1	6.8	7.9	9.5
67.5°	6.6	6.8	6.5	6.1	6.0	6.9	7.8	10.7	14.0	15.7	16.4
65°	8.2	8.3	8.7	8.9	8.3	10.9	14.3	18.1	21.7	22.4	21.8
62.5°	10.1	11.2	11.9	12.7	13.7	16.2	20.1	24.0	27.9	26.7	23.0
60°	14.0	14.6	16.8	18.9	19.7	21.1	25.3	27.5	28.7	27.9	21.7
57.5°	18.9	19.9	23.5	26.0	26.8	25.2	26.7	28.1	28.0	24.7	18.9
55°	25.6	26.9	31.4	34.6	34.4	28.4	28.1	29.4	27.3	23.9	18.6
52.5°	35.3	36.1	41.0	44.5	43.3	37.0	32.5	34.6	34.3	29.9	25.4
50°	46.0	50.1	51.9	56.8	56.5	51.4	42.9	47.2	54.6	53.2	46.8
47.5°	61.1	66.4	66.6	72.6	75.2	79.7	72.5	81.5	92.5	115.0	107.9
45°	79.2	88.0	88.7	94.2	108.1	124.9	131.7	131.1	186.8	206.9	221.6
42.5°	99.2	113.4	119.3	118.9	163.7	189.2	203.7	249.7	292.0	304.8	311.7
40°	124.6	141.6	154.5	183.4	229.8	265.1	301.4	350.6	373.7	375.9	376.0
37.5°	152.4	177.2	198.0	247.3	306.4	345.6	390.7	411.9	427.9	428.8	446.9
35°	182.2	215.5	254.2	309.0	374.2	418.6	444.7	463.8	472.5	492.6	580.9
32.5°	216.4	256.6	307.0	368.1	430.4	475.6	491.2	507.6	528.9	588.5	847.5
30°	250.9	302.8	357.2	423.0	486.1	517.9	534.4	555.1	588.5	820.9	1179.7
27.5°	280.1	346.2	405.5	474.1	538.4	560.5	579.6	610.6	752.5	1078.6	1577.1
25°	308.1	380.6	450.1	524.5	577.8	602.2	626.1	668.2	945.2	1461.9	1802.2
22.5°	336.2	415.3	490.6	574.3	616.9	642.2	679.1	836.2	1223.7	1844.9	2004.9
20°	364.9	450.1	530.9	614.6	654.6	680.9	731.5	1026.5	1564.0	2008.4	2156.5
17.5°	393.1	483.6	568.7	643.0	684.5	721.7	801.8	1217.9	1870.4	2169.6	2272.8
15°	420.5	515.7	603.1	670.5	714.3	765.7	967.0	1472.5	2069.1	2314.4	2412.3
12.5°	446.7	546.1	634.1	696.9	744.1	809.3	1139.9	1724.2	2202.1	2428.3	2522.1
10°	471.5	574.6	662.0	722.0	773.5	851.9	1314.1	1936.6	2312.0	2505.4	2576.9
7.5°	495.0	599.3	686.9	745.8	802.2	892.9	1483.2	2111.9	2398.6	2570.8	2614.8
5°	515.4	619.4	709.9	771.5	831.0	929.3	1628.0	2252.1	2465.8	2625.2	2653.8
2.5°	533.1	636.7	730.7	796.2	858.8	958.3	1698.0	2309.0	2474.3	2649.1	2694.4
0°	548.0	651.3	749.1	819.2	884.7	983.4	1738.0	2338.5	2464.0	2655.8	2737.0
-2.5°	560.2	671.2	775.3	843.4	909.4	1007.2	1735.1	2361.3	2489.9	2716.9	2900.6
-5°	569.8	688.0	798.3	865.8	932.1	1027.5	1703.9	2354.8	2525.2	2771.0	3001.5
-7.5°	576.7	701.1	817.8	886.9	954.3	1050.8	1681.7	2383.0	2628.2	2835.1	3042.4
-10°	581.3	709.7	829.7	906.6	976.8	1073.7	1633.7	2371.2	2724.4	2899.4	3081.6
-12.5°	586.6	714.6	837.3	923.7	996.4	1091.8	1549.2	2314.6	2813.5	2968.8	3120.0
-15°	588.8	716.2	841.3	938.2	1012.8	1104.7	1426.4	2209.7	2873.1	3006.5	3144.6
-17.5°	587.8	714.7	841.6	949.7	1026.0	1112.1	1264.3	2015.5	2779.5	3021.3	3167.4
-20°	583.5	709.9	838.3	958.2	1036.0	1121.4	1238.2	1792.2	2524.1	3010.2	3183.7



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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°	575.9	702.0	830.5	953.5	1047.1	1133.2	1239.4	1560.7	2222.7	2972.7	3185.0
-25°	566.0	690.9	818.5	948.4	1056.8	1141.1	1235.7	1358.5	1924.2	2648.4	3153.2
-27.5°	554.1	675.9	806.6	938.6	1064.7	1146.3	1236.6	1348.9	1661.0	2273.8	3031.9
-30°	539.1	659.2	790.0	923.4	1053.7	1151.9	1236.8	1326.7	1441.9	1935.8	2589.3
-32.5°	522.1	638.8	768.2	900.8	1033.4	1155.6	1229.7	1311.0	1410.1	1587.6	2145.7
-35°	505.0	617.8	741.6	873.0	1007.5	1133.5	1223.6	1296.4	1377.6	1485.6	1740.4
-37.5°	488.3	593.2	710.4	839.7	971.7	1093.9	1212.3	1284.2	1358.7	1434.6	1540.6
-40°	468.7	565.2	678.5	800.9	925.0	1046.9	1164.4	1271.9	1340.2	1406.1	1474.7
-42.5°	446.3	540.2	644.2	756.0	873.2	991.6	1110.9	1223.9	1319.9	1378.8	1441.4
-45°	422.0	512.0	607.3	710.4	816.8	931.2	1046.2	1161.3	1264.0	1355.8	1411.8
-47.5°	394.8	480.9	572.0	661.1	760.3	865.6	976.4	1084.8	1190.5	1288.0	1383.3
-50°	366.5	447.1	531.2	614.4	703.0	799.2	901.0	1003.6	1105.1	1204.4	1298.1
-52.5°	341.2	410.1	487.7	566.8	647.3	733.1	823.5	916.4	1013.6	1110.1	1197.3
-55°	313.9	376.7	441.4	516.0	592.5	669.7	745.3	829.0	915.8	1006.7	1088.1
-57.5°	291.9	342.2	399.0	462.2	533.9	606.4	673.1	740.4	817.6	898.3	969.0
-60°	272.4	312.1	358.3	413.1	472.0	537.5	600.2	662.4	724.8	786.4	853.2
-62.5°	253.5	288.0	324.2	365.8	417.9	468.2	523.4	580.9	638.4	693.6	747.0
-65°	242.1	266.1	297.0	330.9	364.9	408.7	453.4	497.5	548.3	598.2	647.1
-67.5°	229.7	252.4	275.4	300.4	331.6	360.4	389.0	428.9	468.4	505.9	544.3
-70°	218.1	238.3	259.6	281.3	302.3	323.6	349.8	375.7	401.2	428.7	461.7
-72.5°	206.3	224.9	244.1	263.6	282.5	300.1	317.8	335.5	356.3	378.7	400.5
-75°	193.5	211.0	228.5	246.3	262.7	278.3	294.2	310.2	326.0	341.6	357.3
-77.5°	179.9	195.8	211.9	228.3	242.8	256.5	270.4	284.5	298.3	312.0	325.5
-80°	165.9	180.1	194.4	208.9	221.5	233.6	245.9	258.2	270.3	282.4	294.3
-82.5°	151.2	163.6	176.2	189.0	199.6	210.1	220.5	230.9	241.2	251.5	261.7
-85°	136.9	146.8	157.5	168.4	177.3	186.2	195.1	203.9	212.5	221.0	229.4
-87.5°	125.6	134.6	143.6	152.6	159.6	166.6	173.6	180.6	187.1	193.7	200.2
-90°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.3	2.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	182.7	186.2	189.6	193.1	196.5	199.5	202.5	205.5	208.5	210.4	212.2
87.5°	1.8	1.8	1.7	1.7	1.7	1.5	1.3	1.1	0.9	0.9	0.9
85°	1.8	1.8	1.8	1.8	1.8	1.6	1.4	1.1	0.9	0.9	0.9
82.5°	2.3	2.2	2.1	2.0	1.8	1.8	1.7	1.7	1.7	1.7	1.8
80°	2.8	2.6	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	2.9	2.6	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.8	1.8
75°	2.9	2.8	2.9	2.9	2.7	2.7	2.8	2.7	2.6	2.5	2.3
72.5°	5.5	5.7	5.7	5.8	5.8	6.0	6.2	6.4	6.4	6.4	6.5
70°	10.4	10.7	11.0	10.8	10.2	9.7	9.4	9.2	8.9	9.1	9.6
67.5°	15.8	14.7	14.1	13.4	11.9	10.6	9.9	9.1	8.3	7.9	7.8
65°	19.6	15.4	13.4	11.9	10.7	9.3	8.1	6.9	5.9	5.3	5.1
62.5°	18.6	13.2	10.5	8.8	7.4	6.1	5.1	4.3	3.7	3.4	3.4
60°	15.9	10.4	7.3	5.9	4.4	3.0	2.8	2.6	2.4	2.2	2.3
57.5°	14.2	9.3	5.7	5.6	4.8	3.5	3.0	3.0	2.6	1.8	2.1
55°	15.8	13.3	9.3	9.5	9.3	7.9	6.7	8.0	7.7	6.0	6.6
52.5°	23.8	27.2	22.2	20.7	28.2	28.0	21.9	29.8	34.2	33.5	34.2
50°	55.9	63.2	70.8	64.8	79.6	88.4	86.4	96.8	107.5	107.3	110.6
47.5°	132.5	152.4	154.6	158.5	175.4	196.8	214.3	226.5	232.8	230.2	232.0
45°	237.0	241.5	251.8	274.7	303.4	337.9	364.2	379.5	431.0	467.5	488.9
42.5°	314.1	328.1	353.5	414.0	458.3	560.2	683.4	731.2	791.7	822.4	824.4
40°	391.4	427.2	532.0	642.2	881.4	1059.3	1069.9	1145.3	1180.0	1141.8	1136.1
37.5°	519.2	651.9	832.0	1086.6	1197.8	1246.2	1272.8	1282.4	1289.5	1283.0	1279.8
35°	771.0	1001.8	1178.6	1261.6	1311.8	1313.4	1319.6	1318.8	1310.6	1306.3	1297.1
32.5°	1142.3	1362.5	1367.8	1361.4	1371.9	1365.9	1354.4	1349.1	1331.2	1320.4	1324.1
30°	1525.2	1526.5	1504.7	1454.3	1429.1	1421.3	1404.6	1390.9	1374.0	1376.5	1435.4
27.5°	1677.1	1658.5	1628.1	1584.6	1500.1	1483.5	1470.1	1464.3	1535.1	1599.8	1657.5
25°	1847.2	1798.9	1782.2	1744.3	1657.2	1561.0	1603.4	1669.9	1762.5	1858.9	1951.9
22.5°	1994.2	1959.3	1948.6	1934.5	1792.5	1751.1	1809.1	1918.7	2045.1	2212.6	2690.8
20°	2139.0	2101.4	2089.1	2018.3	1943.8	1954.1	2062.0	2253.0	2606.7	3877.4	5429.1
17.5°	2260.8	2221.9	2179.8	2097.2	2073.5	2177.0	2392.9	3063.9	4733.0	8904.0	13143.2
15°	2374.3	2323.1	2251.6	2197.4	2242.2	2435.0	2969.8	5255.8	10662.6	17663.5	26490.4
12.5°	2475.2	2396.9	2296.7	2268.6	2405.0	2729.8	4827.2	10313.3	18583.9	28557.4	49279.8
10°	2545.3	2443.9	2356.5	2405.1	2621.9	3493.8	6946.5	15462.0	27697.4	50004.8	75803.6
7.5°	2575.5	2483.7	2432.8	2537.1	2826.7	4486.9	10457.2	21384.0	39119.5	69115.3	110277.7
5°	2609.7	2546.3	2517.9	2667.8	3023.8	5295.9	12982.0	26367.6	51334.0	87064.0	140070.8
2.5°	2678.8	2618.4	2598.6	2782.5	3196.3	6050.3	14955.0	30242.0	59426.3	102041.2	166509.6
0°	2800.7	2675.2	2659.5	2839.4	3265.6	6393.8	16249.6	32578.6	63275.3	108449.5	179518.0
-2.5°	2897.5	2748.0	2718.2	2878.6	3296.1	6225.4	16118.3	32498.1	61705.0	106307.6	171257.0
-5°	2982.0	2832.0	2790.8	2939.8	3363.2	6219.2	15264.4	29818.8	55214.7	93414.3	144328.5
-7.5°	3057.1	2927.5	2866.5	2985.1	3372.0	5569.4	12346.3	24550.2	44134.4	72932.7	111708.6
-10°	3136.4	3036.8	2953.7	3033.0	3334.5	4431.4	8259.6	17696.8	31430.7	52889.9	79497.4
-12.5°	3226.9	3176.8	3054.6	3066.1	3283.8	3739.4	6104.7	12355.0	21821.2	33317.2	52604.0
-15°	3303.8	3301.5	3199.2	3166.7	3274.9	3567.1	4259.1	6861.1	13236.7	21417.0	30957.9
-17.5°	3319.8	3401.6	3362.4	3263.0	3269.4	3433.2	3718.4	4546.7	6648.9	11784.1	17460.8
-20°	3330.2	3504.8	3508.9	3428.2	3357.5	3339.2	3469.6	3711.2	4180.8	5916.2	8200.4



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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°	3345.9	3511.9	3630.0	3607.7	3468.8	3387.6	3358.4	3449.9	3608.9	3832.8	4573.9
-25°	3353.4	3508.3	3677.4	3723.8	3665.5	3516.9	3405.6	3343.6	3399.8	3470.8	3615.8
-27.5°	3321.4	3502.8	3666.7	3804.1	3820.8	3723.6	3560.1	3427.5	3376.0	3327.2	3386.9
-30°	3268.3	3470.9	3642.2	3811.3	3878.9	3847.8	3762.2	3654.6	3529.0	3431.3	3396.9
-32.5°	2833.1	3423.1	3598.7	3745.1	3856.6	3888.5	3889.3	3831.7	3778.0	3702.7	3614.5
-35°	2334.2	2988.6	3559.7	3633.5	3735.7	3841.2	3919.7	3922.3	3916.0	3880.3	3843.2
-37.5°	1814.5	2424.3	2973.6	3413.3	3567.9	3692.2	3826.4	3917.1	3974.1	3963.9	3957.0
-40°	1579.7	1771.9	2285.8	2734.0	3110.1	3463.9	3609.3	3772.3	3903.4	3949.1	3979.9
-42.5°	1507.2	1589.4	1673.1	2012.7	2400.1	2740.9	3061.4	3366.9	3639.8	3794.4	3902.0
-45°	1467.5	1513.2	1564.4	1640.0	1705.5	1987.6	2274.8	2553.6	2894.0	3207.4	3479.1
-47.5°	1430.7	1466.5	1506.1	1545.0	1581.3	1632.6	1677.0	1756.2	2011.1	2268.2	2526.2
-50°	1371.4	1430.5	1463.4	1492.5	1518.2	1541.9	1562.5	1598.3	1640.6	1677.5	1714.8
-52.5°	1272.4	1338.9	1402.1	1450.0	1470.2	1489.9	1510.1	1537.2	1562.3	1585.2	1602.8
-55°	1161.3	1228.7	1292.4	1341.0	1384.5	1424.6	1460.3	1484.3	1507.7	1530.3	1547.4
-57.5°	1039.2	1107.9	1170.3	1216.8	1260.3	1300.8	1340.1	1377.8	1412.4	1443.6	1470.1
-60°	915.6	973.5	1029.8	1079.1	1124.0	1164.5	1203.4	1240.5	1274.5	1305.1	1331.8
-62.5°	799.5	853.2	897.7	938.0	976.6	1014.0	1053.3	1089.6	1122.5	1152.5	1180.1
-65°	694.8	741.1	774.8	806.3	836.1	868.2	902.8	934.7	963.8	990.8	1015.7
-67.5°	587.1	627.2	656.8	684.1	709.5	735.1	762.7	788.5	812.2	834.9	856.2
-70°	493.6	521.6	542.2	563.1	585.7	608.7	632.5	654.2	673.8	692.4	709.5
-72.5°	421.7	438.9	453.4	471.3	487.4	504.5	522.2	538.6	553.6	568.1	581.8
-75°	373.1	385.7	397.5	408.6	418.9	431.2	443.9	455.9	467.3	477.9	488.0
-77.5°	339.2	349.0	357.1	364.8	372.2	381.7	391.7	401.4	410.8	418.8	426.2
-80°	306.1	314.0	320.9	327.6	334.0	342.3	350.6	358.8	366.8	374.0	381.0
-82.5°	271.9	278.3	284.2	289.9	295.4	302.3	309.3	316.0	322.5	328.5	334.3
-85°	237.8	242.7	247.3	251.8	256.1	261.8	267.4	272.9	278.3	282.2	286.0
-87.5°	206.8	210.4	213.9	217.3	220.7	224.8	228.9	232.9	237.0	239.6	242.1
-90°	1.8	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.9	0.9	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°	214.1	215.9	215.4	214.9	215.4	215.9	214.1	212.2	210.4	208.5	205.5
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	2.1	1.8	1.8	1.8	1.8	1.8	2.1	2.3	2.5	2.6	2.7
72.5°	6.5	6.4	6.5	6.5	6.5	6.4	6.5	6.5	6.4	6.4	6.4
70°	10.3	10.9	11.1	11.1	11.1	10.9	10.3	9.6	9.1	8.9	9.2
67.5°	7.7	7.5	7.0	6.5	7.0	7.5	7.7	7.8	7.9	8.3	9.1
65°	4.9	4.7	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.9	6.9
62.5°	3.5	3.7	3.7	3.7	3.7	3.7	3.5	3.4	3.4	3.7	4.3
60°	2.5	2.8	2.8	2.8	2.8	2.8	2.5	2.3	2.2	2.4	2.6
57.5°	2.4	2.7	2.8	2.8	2.8	2.7	2.4	2.1	1.8	2.6	3.0
55°	7.0	7.2	7.0	6.5	7.0	7.2	7.0	6.6	6.0	7.7	8.0
52.5°	33.6	31.0	27.0	22.1	27.0	31.0	33.6	34.2	33.5	34.2	29.8
50°	117.0	120.1	117.4	108.9	117.4	120.1	117.0	110.6	107.3	107.5	96.8
47.5°	241.1	243.7	235.4	215.9	235.4	243.7	241.1	232.0	230.2	232.8	226.5
45°	504.8	500.9	457.4	367.2	457.4	500.9	504.8	488.9	467.5	431.0	379.5
42.5°	870.6	909.4	932.2	932.6	932.2	909.4	870.6	824.4	822.4	791.7	731.2
40°	1126.8	1081.3	1031.7	1024.0	1031.7	1081.3	1126.8	1136.1	1141.8	1180.0	1145.3
37.5°	1272.0	1281.5	1276.0	1168.8	1276.0	1281.5	1272.0	1279.8	1283.0	1289.5	1282.4
35°	1318.2	1390.2	1464.4	1479.7	1464.4	1390.2	1318.2	1297.1	1306.3	1310.6	1318.8
32.5°	1340.5	1365.2	1371.9	1374.5	1371.9	1365.2	1340.5	1324.1	1320.4	1331.2	1349.1
30°	1462.5	1478.7	1476.3	1473.2	1476.3	1478.7	1462.5	1435.4	1376.5	1374.0	1390.9
27.5°	1684.7	1711.4	1723.3	1731.5	1723.3	1711.4	1684.7	1657.5	1599.8	1535.1	1464.3
25°	2002.7	2043.6	2071.6	2083.9	2071.6	2043.6	2002.7	1951.9	1858.9	1762.5	1669.9
22.5°	3243.1	3526.1	3806.2	3951.0	3806.2	3526.1	3243.1	2690.8	2212.6	2045.1	1918.7
20°	8096.1	9318.9	9877.3	10040.4	9877.3	9318.9	8096.1	5429.1	3877.4	2606.7	2253.0
17.5°	18854.1	23489.2	26589.5	23873.1	26589.5	23489.2	18854.1	13143.2	8904.0	4733.0	3063.9
15°	38590.1	50329.2	56898.1	53201.7	56898.1	50329.2	38590.1	26490.4	17663.5	10662.6	5255.8
12.5°	69528.2	87848.9	100153.7	96096.0	100153.7	87848.9	69528.2	49279.8	28557.4	18583.9	10313.3
10°	109435.9	146276.0	170806.3	176870.4	170806.3	146276.0	109435.9	75803.6	50004.8	27697.4	15462.0
7.5°	158812.4	204425.4	240430.0	246002.6	240430.0	204425.4	158812.4	110277.7	69115.3	39119.5	21384.0
5°	207117.3	260957.5	298419.6	308145.0	298419.6	260957.5	207117.3	140070.8	87064.0	51334.0	26367.6
2.5°	237098.8	295699.5	340824.5	360701.0	340824.5	295699.5	237098.8	166509.6	102041.2	59426.3	30242.0
0°	247800.0	309001.1	357961.7	386473.5	357961.7	309001.1	247800.0	179518.0	108449.5	63275.3	32578.6
-2.5°	239503.2	294926.4	336258.0	356078.4	336258.0	294926.4	239503.2	171257.0	106307.6	61705.0	32498.1
-5°	203989.1	259056.1	292684.1	308829.5	292684.1	259056.1	203989.1	144328.5	93414.3	55214.7	29818.8
-7.5°	159399.3	203473.7	232512.3	247200.8	232512.3	203473.7	159399.3	111708.6	72932.7	44134.4	24550.2
-10°	111531.7	146498.9	166073.2	178058.6	166073.2	146498.9	111531.7	79497.4	52889.9	31430.7	17696.8
-12.5°	72568.0	92921.0	103883.9	111562.9	103883.9	92921.0	72568.0	52604.0	33317.2	21821.2	12355.0
-15°	44053.1	53972.3	59924.3	63655.3	59924.3	53972.3	44053.1	30957.9	21417.0	13236.7	6861.1
-17.5°	24587.8	28848.3	31865.0	33534.3	31865.0	28848.3	24587.8	17460.8	11784.1	6648.9	4546.7
-20°	12200.5	14895.7	16666.0	17409.2	16666.0	14895.7	12200.5	8200.4	5916.2	4180.8	3711.2



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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°	5630.6	6350.5	6827.2	7054.3	6827.2	6350.5	5630.6	4573.9	3832.8	3608.9	3449.9
-25°	3756.7	3869.7	3952.7	3988.8	3952.7	3869.7	3756.7	3615.8	3470.8	3399.8	3343.6
-27.5°	3440.9	3500.8	3550.5	3570.0	3550.5	3500.8	3440.9	3386.9	3327.2	3376.0	3427.5
-30°	3370.6	3373.3	3387.3	3387.4	3387.3	3373.3	3370.6	3396.9	3431.3	3529.0	3654.6
-32.5°	3547.7	3508.8	3491.9	3510.1	3491.9	3508.8	3547.7	3614.5	3702.7	3778.0	3831.7
-35°	3818.4	3807.9	3808.7	3828.3	3808.7	3807.9	3818.4	3843.2	3880.3	3916.0	3922.3
-37.5°	3958.8	3967.1	3976.4	3978.7	3976.4	3967.1	3958.8	3957.0	3963.9	3974.1	3917.1
-40°	3997.7	4013.9	4026.0	4030.3	4026.0	4013.9	3997.7	3979.9	3949.1	3903.4	3772.3
-42.5°	3949.5	3981.6	3998.6	4002.7	3998.6	3981.6	3949.5	3902.0	3794.4	3639.8	3366.9
-45°	3676.4	3819.6	3900.6	3922.4	3900.6	3819.6	3676.4	3479.1	3207.4	2894.0	2553.6
-47.5°	2777.1	3001.8	3158.3	3230.6	3158.3	3001.8	2777.1	2526.2	2268.2	2011.1	1756.2
-50°	1753.9	1790.9	1818.6	1835.8	1818.6	1790.9	1753.9	1714.8	1677.5	1640.6	1598.3
-52.5°	1618.1	1631.7	1639.7	1643.0	1639.7	1631.7	1618.1	1602.8	1585.2	1562.3	1537.2
-55°	1562.1	1574.7	1580.2	1581.1	1580.2	1574.7	1562.1	1547.4	1530.3	1507.7	1484.3
-57.5°	1493.1	1512.2	1520.7	1522.1	1520.7	1512.2	1493.1	1470.1	1443.6	1412.4	1377.8
-60°	1354.3	1372.9	1382.1	1385.6	1382.1	1372.9	1354.3	1331.8	1305.1	1274.5	1240.5
-62.5°	1204.0	1224.2	1230.4	1229.7	1230.4	1224.2	1204.0	1180.1	1152.5	1122.5	1089.6
-65°	1037.4	1056.0	1061.3	1060.9	1061.3	1056.0	1037.4	1015.7	990.8	963.8	934.7
-67.5°	875.1	891.4	897.1	898.5	897.1	891.4	875.1	856.2	834.9	812.2	788.5
-70°	724.5	737.4	740.7	740.8	740.7	737.4	724.5	709.5	692.4	673.8	654.2
-72.5°	594.2	605.3	607.2	607.0	607.2	605.3	594.2	581.8	568.1	553.6	538.6
-75°	497.4	506.3	506.6	505.5	506.6	506.3	497.4	488.0	477.9	467.3	455.9
-77.5°	433.2	439.8	441.2	441.9	441.2	439.8	433.2	426.2	418.8	410.8	401.4
-80°	387.6	393.9	393.7	393.0	393.7	393.9	387.6	381.0	374.0	366.8	358.8
-82.5°	339.9	345.2	345.3	345.0	345.3	345.2	339.9	334.3	328.5	322.5	316.0
-85°	289.6	293.0	292.8	292.4	292.8	293.0	289.6	286.0	282.2	278.3	272.9
-87.5°	244.6	247.1	247.2	247.2	247.2	247.1	244.6	242.1	239.6	237.0	232.9
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	202.5	199.5	196.5	193.1	189.6	186.2	182.7	177.6	172.6	167.5	162.4
87.5°	1.3	1.5	1.7	1.7	1.7	1.8	1.8	2.1	2.3	2.6	2.8
85°	1.4	1.6	1.8	1.8	1.8	1.8	1.8	2.1	2.3	2.6	2.8
82.5°	1.7	1.8	1.8	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.8
80°	1.8	1.8	1.8	2.1	2.3	2.6	2.8	2.8	2.8	2.8	2.8
77.5°	1.8	1.8	1.9	2.1	2.4	2.6	2.9	3.1	3.2	3.3	3.3
75°	2.8	2.7	2.7	2.9	2.9	2.8	2.9	3.1	3.3	3.6	3.7
72.5°	6.2	6.0	5.8	5.8	5.7	5.7	5.5	5.1	4.6	4.1	3.8
70°	9.4	9.7	10.2	10.8	11.0	10.7	10.4	9.5	7.9	6.8	6.1
67.5°	9.9	10.6	11.9	13.4	14.1	14.7	15.8	16.4	15.7	14.0	10.7
65°	8.1	9.3	10.7	11.9	13.4	15.4	19.6	21.8	22.4	21.7	18.1
62.5°	5.1	6.1	7.4	8.8	10.5	13.2	18.6	23.0	26.7	27.9	24.0
60°	2.8	3.0	4.4	5.9	7.3	10.4	15.9	21.7	27.9	28.7	27.5
57.5°	3.0	3.5	4.8	5.6	5.7	9.3	14.2	18.9	24.7	28.0	28.1
55°	6.7	7.9	9.3	9.5	9.3	13.3	15.8	18.6	23.9	27.3	29.4
52.5°	21.9	28.0	28.2	20.7	22.2	27.2	23.8	25.4	29.9	34.3	34.6
50°	86.4	88.4	79.6	64.8	70.8	63.2	55.9	46.8	53.2	54.6	47.2
47.5°	214.3	196.8	175.4	158.5	154.6	152.4	132.5	107.9	115.0	92.5	81.5
45°	364.2	337.9	303.4	274.7	251.8	241.5	237.0	221.6	206.9	186.8	131.1
42.5°	683.4	560.2	458.3	414.0	353.5	328.1	314.1	311.7	304.8	292.0	249.7
40°	1069.9	1059.3	881.4	642.2	532.0	427.2	391.4	376.0	375.9	373.7	350.6
37.5°	1272.8	1246.2	1197.8	1086.6	832.0	651.9	519.2	446.9	428.8	427.9	411.9
35°	1319.6	1313.4	1311.8	1261.6	1178.6	1001.8	771.0	580.9	492.6	472.5	463.8
32.5°	1354.4	1365.9	1371.9	1361.4	1367.8	1362.5	1142.3	847.5	588.5	528.9	507.6
30°	1404.6	1421.3	1429.1	1454.3	1504.7	1526.5	1525.2	1179.7	820.9	588.5	555.1
27.5°	1470.1	1483.5	1500.1	1584.6	1628.1	1658.5	1677.1	1577.1	1078.6	752.5	610.6
25°	1603.4	1561.0	1657.2	1744.3	1782.2	1798.9	1847.2	1802.2	1461.9	945.2	668.2
22.5°	1809.1	1751.1	1792.5	1934.5	1948.6	1959.3	1994.2	2004.9	1844.9	1223.7	836.2
20°	2062.0	1954.1	1943.8	2018.3	2089.1	2101.4	2139.0	2156.5	2008.4	1564.0	1026.5
17.5°	2392.9	2177.0	2073.5	2097.2	2179.8	2221.9	2260.8	2272.8	2169.6	1870.4	1217.9
15°	2969.8	2435.0	2242.2	2197.4	2251.6	2323.1	2374.3	2412.3	2314.4	2069.1	1472.5
12.5°	4827.2	2729.8	2405.0	2268.6	2296.7	2396.9	2475.2	2522.1	2428.3	2202.1	1724.2
10°	6946.5	3493.8	2621.9	2405.1	2356.5	2443.9	2545.3	2576.9	2505.4	2312.0	1936.6
7.5°	10457.2	4486.9	2826.7	2537.1	2432.8	2483.7	2575.5	2614.8	2570.8	2398.6	2111.9
5°	12982.0	5295.9	3023.8	2667.8	2517.9	2546.3	2609.7	2653.8	2625.2	2465.8	2252.1
2.5°	14955.0	6050.3	3196.3	2782.5	2598.6	2618.4	2678.8	2694.4	2649.1	2474.3	2309.0
0°	16249.6	6393.8	3265.6	2839.4	2659.5	2675.2	2800.7	2737.0	2655.8	2464.0	2338.5
-2.5°	16118.3	6225.4	3296.1	2878.6	2718.2	2748.0	2897.5	2900.6	2716.9	2489.9	2361.3
-5°	15264.4	6219.2	3363.2	2939.8	2790.8	2832.0	2982.0	3001.5	2771.0	2525.2	2354.8
-7.5°	12346.3	5569.4	3372.0	2985.1	2866.5	2927.5	3057.1	3042.4	2835.1	2628.2	2383.0
-10°	8259.6	4431.4	3334.5	3033.0	2953.7	3036.8	3136.4	3081.6	2899.4	2724.4	2371.2
-12.5°	6104.7	3739.4	3283.8	3066.1	3054.6	3176.8	3226.9	3120.0	2968.8	2813.5	2314.6
-15°	4259.1	3567.1	3274.9	3166.7	3199.2	3301.5	3303.8	3144.6	3006.5	2873.1	2209.7
-17.5°	3718.4	3433.2	3269.4	3263.0	3362.4	3401.6	3319.8	3167.4	3021.3	2779.5	2015.5
-20°	3469.6	3339.2	3357.5	3428.2	3508.9	3504.8	3330.2	3183.7	3010.2	2524.1	1792.2



REPORT NUMBER: P1305992 (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°	3358.4	3387.6	3468.8	3607.7	3630.0	3511.9	3345.9	3185.0	2972.7	2222.7	1560.7
-25°	3405.6	3516.9	3665.5	3723.8	3677.4	3508.3	3353.4	3153.2	2648.4	1924.2	1358.5
-27.5°	3560.1	3723.6	3820.8	3804.1	3666.7	3502.8	3321.4	3031.9	2273.8	1661.0	1348.9
-30°	3762.2	3847.8	3878.9	3811.3	3642.2	3470.9	3268.3	2589.3	1935.8	1441.9	1326.7
-32.5°	3889.3	3888.5	3856.6	3745.1	3598.7	3423.1	2833.1	2145.7	1587.6	1410.1	1311.0
-35°	3919.7	3841.2	3735.7	3633.5	3559.7	2988.6	2334.2	1740.4	1485.6	1377.6	1296.4
-37.5°	3826.4	3692.2	3567.9	3413.3	2973.6	2424.3	1814.5	1540.6	1434.6	1358.7	1284.2
-40°	3609.3	3463.9	3110.1	2734.0	2285.8	1771.9	1579.7	1474.7	1406.1	1340.2	1271.9
-42.5°	3061.4	2740.9	2400.1	2012.7	1673.1	1589.4	1507.2	1441.4	1378.8	1319.9	1223.9
-45°	2274.8	1987.6	1705.5	1640.0	1564.4	1513.2	1467.5	1411.8	1355.8	1264.0	1161.3
-47.5°	1677.0	1632.6	1581.3	1545.0	1506.1	1466.5	1430.7	1383.3	1288.0	1190.5	1084.8
-50°	1562.5	1541.9	1518.2	1492.5	1463.4	1430.5	1371.4	1298.1	1204.4	1105.1	1003.6
-52.5°	1510.1	1489.9	1470.2	1450.0	1402.1	1338.9	1272.4	1197.3	1110.1	1013.6	916.4
-55°	1460.3	1424.6	1384.5	1341.0	1292.4	1228.7	1161.3	1088.1	1006.7	915.8	829.0
-57.5°	1340.1	1300.8	1260.3	1216.8	1170.3	1107.9	1039.2	969.0	898.3	817.6	740.4
-60°	1203.4	1164.5	1124.0	1079.1	1029.8	973.5	915.6	853.2	786.4	724.8	662.4
-62.5°	1053.3	1014.0	976.6	938.0	897.7	853.2	799.5	747.0	693.6	638.4	580.9
-65°	902.8	868.2	836.1	806.3	774.8	741.1	694.8	647.1	598.2	548.3	497.5
-67.5°	762.7	735.1	709.5	684.1	656.8	627.2	587.1	544.3	505.9	468.4	428.9
-70°	632.5	608.7	585.7	563.1	542.2	521.6	493.6	461.7	428.7	401.2	375.7
-72.5°	522.2	504.5	487.4	471.3	453.4	438.9	421.7	400.5	378.7	356.3	335.5
-75°	443.9	431.2	418.9	408.6	397.5	385.7	373.1	357.3	341.6	326.0	310.2
-77.5°	391.7	381.7	372.2	364.8	357.1	349.0	339.2	325.5	312.0	298.3	284.5
-80°	350.6	342.3	334.0	327.6	320.9	314.0	306.1	294.3	282.4	270.3	258.2
-82.5°	309.3	302.3	295.4	289.9	284.2	278.3	271.9	261.7	251.5	241.2	230.9
-85°	267.4	261.8	256.1	251.8	247.3	242.7	237.8	229.4	221.0	212.5	203.9
-87.5°	228.9	224.8	220.7	217.3	213.9	210.4	206.8	200.2	193.7	187.1	180.6
-90°	0.9	0.9	0.9	1.1	1.4	1.6	1.8	2.1	2.3	2.6	2.8



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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°	156.4	150.4	144.4	138.4	130.3	122.3	114.2	106.1	97.6	89.1	80.5
87.5°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7
85°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7
82.5°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.8	3.7	3.7
80°	3.0	3.1	3.1	3.1	3.2	3.3	3.5	3.7	4.0	4.0	4.0
77.5°	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.2	4.4	4.4
75°	3.7	3.6	3.6	3.9	4.1	4.2	4.2	4.4	4.8	4.8	4.8
72.5°	3.9	4.0	3.9	4.0	4.5	4.8	4.8	5.0	5.5	5.7	5.4
70°	5.4	4.6	4.4	4.9	5.3	5.4	5.6	6.0	6.3	6.6	6.4
67.5°	7.8	6.9	6.0	6.1	6.5	6.8	6.6	7.3	7.9	7.6	7.4
65°	14.3	10.9	8.3	8.9	8.7	8.3	8.2	9.0	9.5	9.3	8.5
62.5°	20.1	16.2	13.7	12.7	11.9	11.2	10.1	11.3	11.4	11.2	10.1
60°	25.3	21.1	19.7	18.9	16.8	14.6	14.0	13.9	14.0	13.1	12.0
57.5°	26.7	25.2	26.8	26.0	23.5	19.9	18.9	18.4	16.9	15.7	14.1
55°	28.1	28.4	34.4	34.6	31.4	26.9	25.6	24.1	20.5	18.6	16.7
52.5°	32.5	37.0	43.3	44.5	41.0	36.1	35.3	30.4	26.7	21.6	20.1
50°	42.9	51.4	56.5	56.8	51.9	50.1	46.0	40.5	33.3	25.7	24.0
47.5°	72.5	79.7	75.2	72.6	66.6	66.4	61.1	51.6	40.3	32.1	28.1
45°	131.7	124.9	108.1	94.2	88.7	88.0	79.2	63.5	51.2	40.1	32.5
42.5°	203.7	189.2	163.7	118.9	119.3	113.4	99.2	81.1	62.6	48.5	38.8
40°	301.4	265.1	229.8	183.4	154.5	141.6	124.6	101.0	74.7	58.3	46.3
37.5°	390.7	345.6	306.4	247.3	198.0	177.2	152.4	122.1	90.3	70.5	54.0
35°	444.7	418.6	374.2	309.0	254.2	215.5	182.2	145.9	109.9	82.9	61.9
32.5°	491.2	475.6	430.4	368.1	307.0	256.6	216.4	170.7	129.1	95.6	69.9
30°	534.4	517.9	486.1	423.0	357.2	302.8	250.9	194.4	147.9	108.5	78.5
27.5°	579.6	560.5	538.4	474.1	405.5	346.2	280.1	217.1	166.1	122.5	89.1
25°	626.1	602.2	577.8	524.5	450.1	380.6	308.1	238.8	185.0	137.9	99.6
22.5°	679.1	642.2	616.9	574.3	490.6	415.3	336.2	262.6	203.4	152.7	109.9
20°	731.5	680.9	654.6	614.6	530.9	450.1	364.9	285.2	220.7	166.9	120.0
17.5°	801.8	721.7	684.5	643.0	568.7	483.6	393.1	306.3	237.0	180.4	129.9
15°	967.0	765.7	714.3	670.5	603.1	515.7	420.5	326.0	252.1	193.1	139.0
12.5°	1139.9	809.3	744.1	696.9	634.1	546.1	446.7	344.2	266.1	204.7	146.9
10°	1314.1	851.9	773.5	722.0	662.0	574.6	471.5	362.9	281.3	215.3	154.2
7.5°	1483.2	892.9	802.2	745.8	686.9	599.3	495.0	384.7	296.3	225.2	160.7
5°	1628.0	929.3	831.0	771.5	709.9	619.4	515.4	405.1	310.3	234.1	166.6
2.5°	1698.0	958.3	858.8	796.2	730.7	636.7	533.1	424.0	323.3	242.1	171.8
0°	1738.0	983.4	884.7	819.2	749.1	651.3	548.0	440.9	334.9	249.1	176.2
-2.5°	1735.1	1007.2	909.4	843.4	775.3	671.2	560.2	450.4	343.9	257.2	182.2
-5°	1703.9	1027.5	932.1	865.8	798.3	688.0	569.8	457.7	351.2	264.1	187.5
-7.5°	1681.7	1050.8	954.3	886.9	817.8	701.1	576.7	462.9	357.1	269.7	191.8
-10°	1633.7	1073.7	976.8	906.6	829.7	709.7	581.3	465.9	361.3	273.8	195.3
-12.5°	1549.2	1091.8	996.4	923.7	837.3	714.6	586.6	469.1	364.2	276.6	197.9
-15°	1426.4	1104.7	1012.8	938.2	841.3	716.2	588.8	470.9	366.8	278.1	199.4
-17.5°	1264.3	1112.1	1026.0	949.7	841.6	714.7	587.8	470.1	367.5	278.7	200.6
-20°	1238.2	1121.4	1036.0	958.2	838.3	709.9	583.5	466.7	366.4	277.7	201.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1239.4	1133.2	1047.1	953.5	830.5	702.0	575.9	460.7	363.4	275.2	200.6
-25°	1235.7	1141.1	1056.8	948.4	818.5	690.9	566.0	452.1	358.5	271.2	198.9
-27.5°	1236.6	1146.3	1064.7	938.6	806.6	675.9	554.1	444.7	351.9	265.7	196.1
-30°	1236.8	1151.9	1053.7	923.4	790.0	659.2	539.1	435.3	344.3	260.5	192.1
-32.5°	1229.7	1155.6	1033.4	900.8	768.2	638.8	522.1	423.6	334.8	255.0	190.0
-35°	1223.6	1133.5	1007.5	873.0	741.6	617.8	505.0	409.7	323.6	248.1	187.9
-37.5°	1212.3	1093.9	971.7	839.7	710.4	593.2	488.3	395.3	310.6	239.7	185.0
-40°	1164.4	1046.9	925.0	800.9	678.5	565.2	468.7	378.9	298.6	229.9	181.4
-42.5°	1110.9	991.6	873.2	756.0	644.2	540.2	446.3	359.8	285.7	222.8	176.9
-45°	1046.2	931.2	816.8	710.4	607.3	512.0	422.0	338.9	270.9	216.8	173.0
-47.5°	976.4	865.6	760.3	661.1	572.0	480.9	394.8	320.3	254.7	209.7	170.5
-50°	901.0	799.2	703.0	614.4	531.2	447.1	366.5	299.8	244.7	201.1	167.4
-52.5°	823.5	733.1	647.3	566.8	487.7	410.1	341.2	278.5	233.5	195.0	163.9
-55°	745.3	669.7	592.5	516.0	441.4	376.7	313.9	264.2	221.2	189.6	159.9
-57.5°	673.1	606.4	533.9	462.2	399.0	342.2	291.9	248.5	212.9	183.7	156.5
-60°	600.2	537.5	472.0	413.1	358.3	312.1	272.4	234.4	205.5	177.6	152.3
-62.5°	523.4	468.2	417.9	365.8	324.2	288.0	253.5	225.2	197.5	172.0	147.6
-65°	453.4	408.7	364.9	330.9	297.0	266.1	242.1	215.4	190.0	165.9	142.5
-67.5°	389.0	360.4	331.6	300.4	275.4	252.4	229.7	206.1	182.4	159.4	137.0
-70°	349.8	323.6	302.3	281.3	259.6	238.3	218.1	196.6	174.2	152.2	131.1
-72.5°	317.8	300.1	282.5	263.6	244.1	224.9	206.3	186.5	165.2	144.6	124.8
-75°	294.2	278.3	262.7	246.3	228.5	211.0	193.5	175.4	155.7	136.6	118.2
-77.5°	270.4	256.5	242.8	228.3	211.9	195.8	179.9	163.8	145.7	128.2	111.3
-80°	245.9	233.6	221.5	208.9	194.4	180.1	165.9	151.5	135.2	119.4	104.1
-82.5°	220.5	210.1	199.6	189.0	176.2	163.6	151.2	138.7	124.3	110.3	97.4
-85°	195.1	186.2	177.3	168.4	157.5	146.8	136.9	126.8	114.9	103.3	91.9
-87.5°	173.6	166.6	159.6	152.6	143.6	134.6	125.6	116.5	106.3	96.2	86.3
-90°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	72.0	60.0	48.0	36.0	24.0	14.7	5.5
87.5°	3.7	3.8	3.9	3.9	3.9	4.8	5.5
85°	3.7	3.9	4.0	4.1	4.0	4.9	5.5
82.5°	3.7	4.0	4.2	4.2	4.2	5.1	5.5
80°	3.8	4.1	4.3	4.4	4.4	5.3	5.5
77.5°	4.3	4.4	4.5	4.6	4.6	5.4	5.5
75°	4.9	5.1	4.8	4.8	4.8	5.6	5.5
72.5°	5.4	5.7	5.4	5.0	5.0	5.8	5.5
70°	6.1	6.4	6.1	5.2	5.2	6.0	5.5
67.5°	7.3	7.1	6.8	5.9	5.4	6.1	5.5
65°	8.6	8.1	7.5	6.5	5.7	6.3	5.5
62.5°	9.9	9.5	8.3	7.1	6.0	6.5	5.5
60°	11.4	10.9	9.0	7.7	6.2	6.7	5.5
57.5°	13.7	12.3	10.3	8.4	6.9	6.9	5.5
55°	16.1	13.9	11.6	9.0	7.5	7.1	5.5
52.5°	18.8	15.6	12.9	9.6	8.2	7.3	5.5
50°	21.5	18.0	14.3	10.3	8.9	7.5	5.5
47.5°	24.6	20.5	15.7	11.0	9.6	7.7	5.5
45°	28.4	23.1	17.1	12.1	10.3	7.9	5.5
42.5°	32.5	25.8	18.5	13.2	11.1	8.1	5.5
40°	36.7	28.5	20.3	14.6	11.9	8.3	5.5
37.5°	41.1	31.2	22.4	16.2	12.6	8.5	5.5
35°	45.6	34.5	24.6	17.9	13.4	8.7	5.5
32.5°	50.8	38.1	26.7	19.5	14.2	8.9	5.5
30°	57.2	41.7	28.8	21.3	15.1	9.1	5.5
27.5°	63.7	45.3	31.7	23.0	15.9	9.3	5.5
25°	70.1	48.9	34.8	24.7	16.7	9.5	5.5
22.5°	76.4	52.7	37.8	26.5	17.5	9.7	5.5
20°	82.5	57.1	40.8	28.2	18.3	9.8	5.5
17.5°	88.7	61.3	43.8	29.9	19.1	10.0	5.5
15°	94.7	65.4	46.7	31.6	19.9	10.2	5.5
12.5°	100.3	69.3	49.5	33.2	20.7	10.4	5.5
10°	105.6	73.0	52.2	34.8	21.4	10.5	5.5
7.5°	110.4	76.5	54.8	36.4	22.1	10.7	5.5
5°	114.9	79.8	57.3	37.9	22.8	10.8	5.5
2.5°	119.0	82.9	59.6	39.3	23.4	11.0	5.5
0°	122.7	85.8	61.8	40.6	24.0	11.1	5.5
-2.5°	127.1	89.4	64.6	42.7	25.3	11.6	5.5
-5°	131.0	92.7	67.2	44.8	26.6	12.2	5.5
-7.5°	134.4	95.7	69.6	46.7	27.7	12.7	5.5
-10°	137.4	98.6	71.8	48.5	28.9	13.2	5.5
-12.5°	139.9	101.1	73.9	50.2	29.9	13.6	5.5
-15°	141.9	103.4	75.8	51.7	30.9	14.1	5.5
-17.5°	143.4	105.3	77.5	53.2	31.8	14.5	5.5
-20°	144.7	107.0	79.1	54.4	32.6	15.0	5.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.9	108.4	80.4	55.6	33.4	15.3	5.5
-25°	146.6	109.7	81.6	56.6	34.0	15.7	5.5
-27.5°	146.5	110.8	82.6	57.4	34.6	16.1	5.5
-30°	145.9	111.6	83.4	58.1	35.0	16.4	5.5
-32.5°	144.6	112.0	84.1	58.6	35.4	16.6	5.5
-35°	144.2	112.1	84.5	58.9	35.6	16.9	5.5
-37.5°	143.9	112.0	84.7	59.1	35.8	17.1	5.5
-40°	143.1	111.9	84.6	59.1	35.9	17.3	5.5
-42.5°	141.9	111.6	84.4	59.0	35.8	17.5	5.5
-45°	140.3	110.9	83.9	58.6	35.7	17.6	5.5
-47.5°	138.2	109.9	83.2	58.1	35.4	17.7	5.5
-50°	136.4	108.6	82.3	57.5	35.1	17.8	5.5
-52.5°	134.4	107.0	81.2	56.8	34.6	17.8	5.5
-55°	132.0	105.2	79.8	55.9	34.1	17.8	5.5
-57.5°	129.2	103.0	78.2	54.9	33.4	17.8	5.5
-60°	126.0	100.6	76.3	53.7	32.7	17.7	5.5
-62.5°	122.5	97.9	74.4	52.3	32.3	17.6	5.5
-65°	118.7	94.8	72.2	50.8	31.9	17.5	5.5
-67.5°	114.5	91.6	69.8	49.2	31.4	17.3	5.5
-70°	110.0	88.1	67.3	47.4	30.8	17.1	5.5
-72.5°	105.2	84.4	64.5	46.2	30.2	16.9	5.5
-75°	100.1	80.5	61.6	45.0	29.5	16.7	5.5
-77.5°	94.7	76.3	59.5	43.8	28.7	16.4	5.5
-80°	89.1	72.9	57.4	42.4	27.8	16.1	5.5
-82.5°	84.9	69.9	55.2	40.9	27.0	15.8	5.5
-85°	80.8	66.7	52.9	39.3	26.0	15.5	5.5
-87.5°	76.5	63.4	50.5	37.7	25.0	15.1	5.5
-90°	3.7	3.7	3.7	3.7	3.7	4.6	5.5

(END OF REPORT)