

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: P1306240 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-3S-VHE-A**

Issue Date: 2/3/2026

Test Information

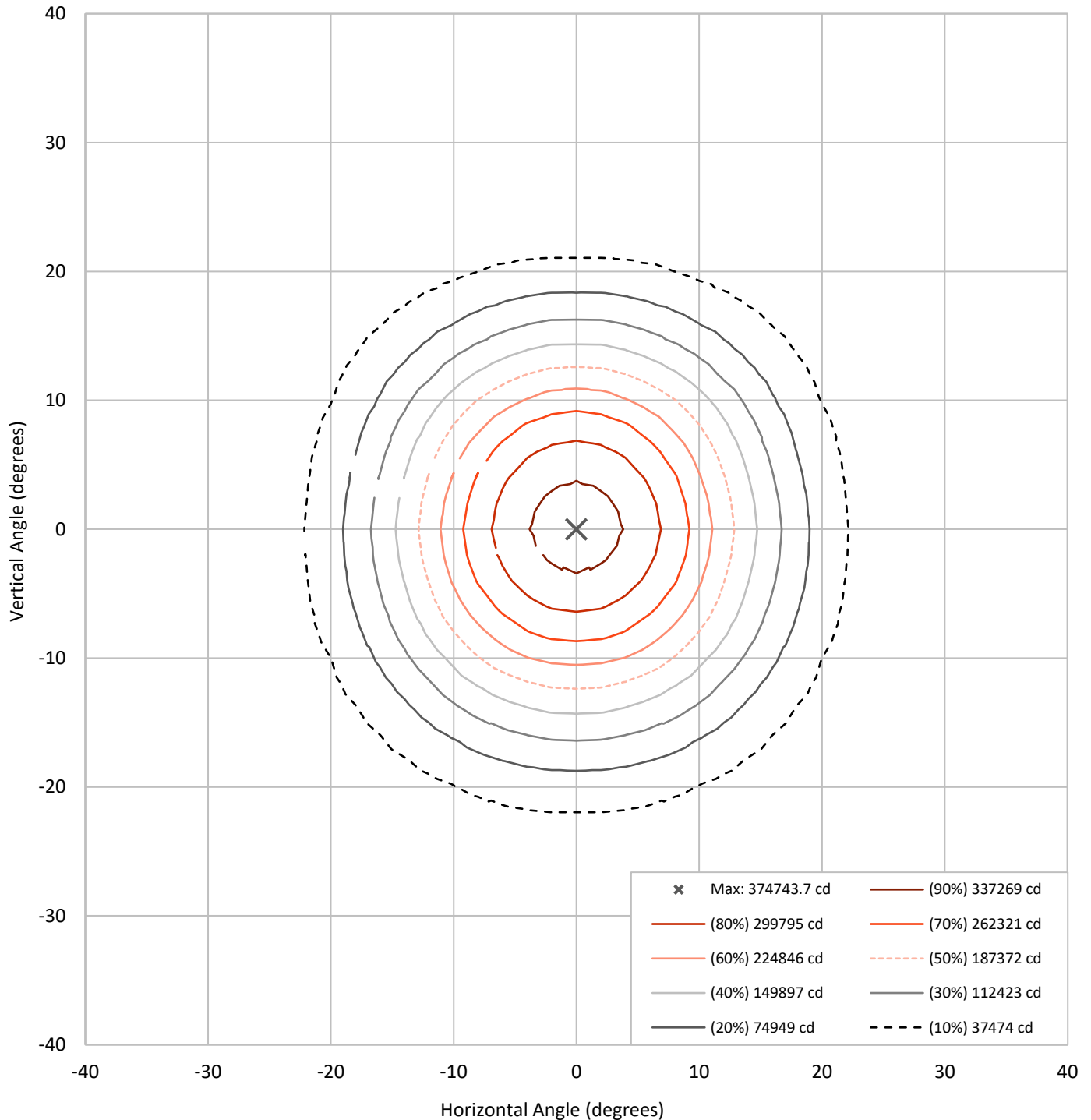
Test Method: LM-79-08
Report Number: P1306240 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-3S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S 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:	84193.8 lumens	Max Intensity:	374743.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	25.7°H x 24.9°V	Field Angle (10%):	44.2°H x 43°V
Beam Lumens:	40283.1 lumens	Field Lumens:	70586.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	83.8%
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





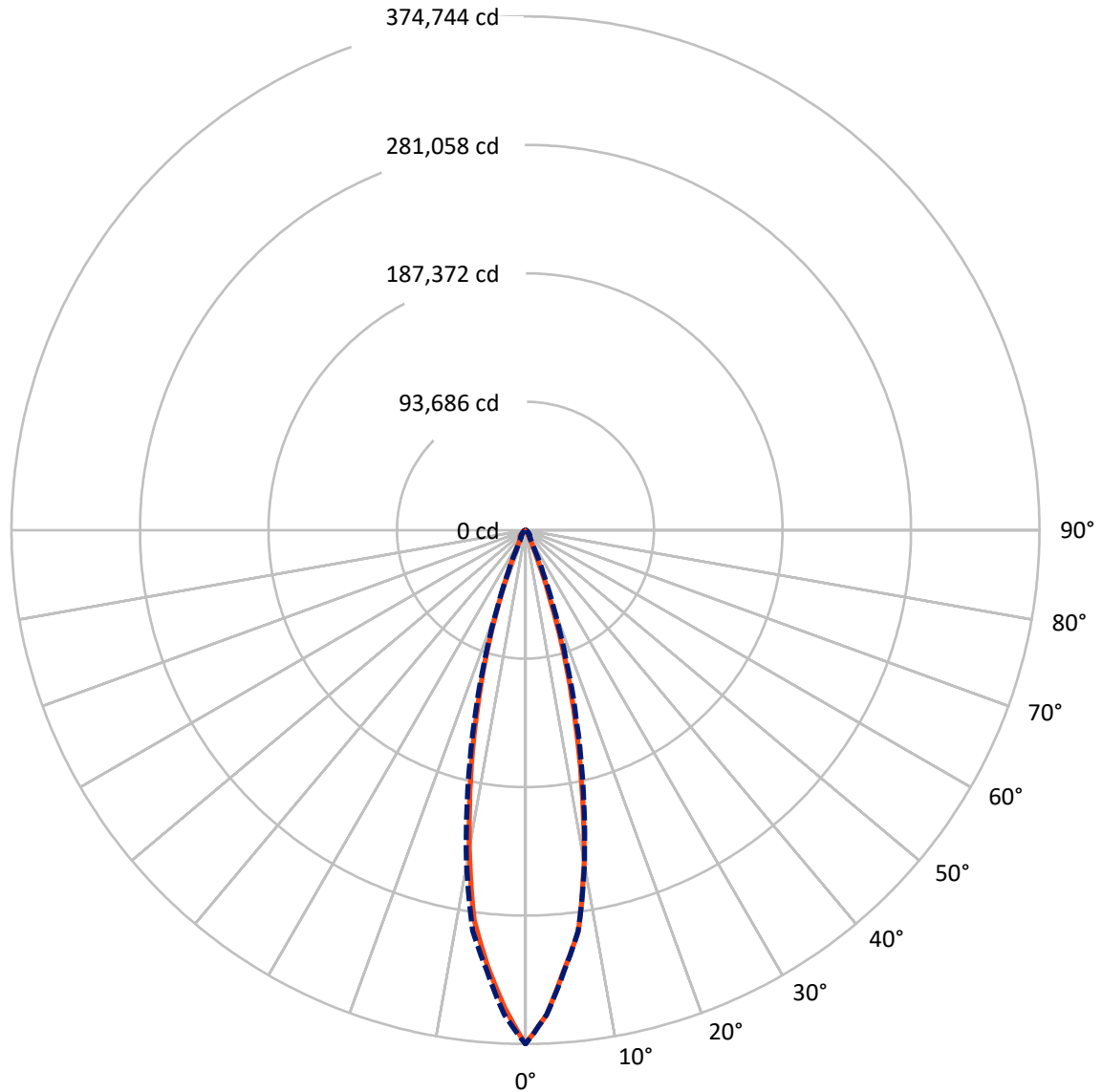
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Lumen Table

90	0.2	0.7	1.3	2.0	2.4	2.0	1.3	0.7	0.2										
80	0.2	0.7	1.3	2.0	2.4	2.0	1.3	0.7	0.2										
70	0.2	0.1	0.2	0.6	0.8	0.7	0.5	0.5	0.5	0.5	0.7	0.8	0.6	0.2	0.1	0.2			
60		0.4	0.8	1.1	0.9	0.9	1.2	1.4	1.4	1.2	0.9	0.9	1.1	0.8	0.4				
50	0.8	1.2	2.8	5.9	10.9	18.6	26.4	29.9	29.9	26.4	18.6	10.9	5.9	2.8	1.2	0.8			
40		2.9	8.9	18.4	34.7	57.6	69.6	81.6	81.6	69.6	57.6	34.7	18.4	8.9	2.9				
30	1.9	4.9	15.0	33.0	73.8	95.0	205.1	448.6	448.6	205.1	95.0	73.8	33.0	15.0	4.9	1.9			
20		6.4	19.8	53.6	106.0	256.2	1543.1	3730.7	3730.7	1543.1	256.2	106.0	53.6	19.8	6.4				
10	2.8	7.8	22.9	68.3	128.3	568.7	3748.0	8536.9	8536.9	3748.0	568.7	128.3	68.3	22.9	7.8	2.8			
0		8.6	25.2	72.2	142.2	586.1	3770.7	8448.3	8448.3	3770.7	586.1	142.2	72.2	25.2	8.6				
-10	3.1	8.7	26.0	69.8	141.7	314.2	1609.1	3765.5	3765.5	1609.1	314.2	141.7	69.8	26.0	8.7	3.1			
-20		8.0	24.8	55.2	127.5	192.5	333.5	634.3	634.3	333.5	192.5	127.5	55.2	24.8	8.0				
-30	2.6	6.8	21.2	44.1	88.1	154.0	190.0	210.9	210.9	190.0	154.0	88.1	44.1	21.2	6.8	2.6			
-40		5.3	16.2	34.2	55.8	82.3	120.6	150.3	150.3	120.6	82.3	55.8	34.2	16.2	5.3				
-50	2.1	3.6	10.5	22.4	37.5	51.1	62.1	68.8	68.8	62.1	51.1	37.5	22.4	10.5	3.6	2.1			
-60		2.5	5.6	11.5	19.5	26.9	34.0	38.3	38.3	34.0	26.9	19.5	11.5	5.6	2.5				
-70	1.5	9.2	21.3	34.8	42.7	34.8	21.3	9.2	1.5						1.5				
-80		9.2	21.3	34.8	42.7	34.8	21.3	9.2	1.5										
-90	1.5	9.2	21.3	34.8	42.7	34.8	21.3	9.2	1.5						1.5				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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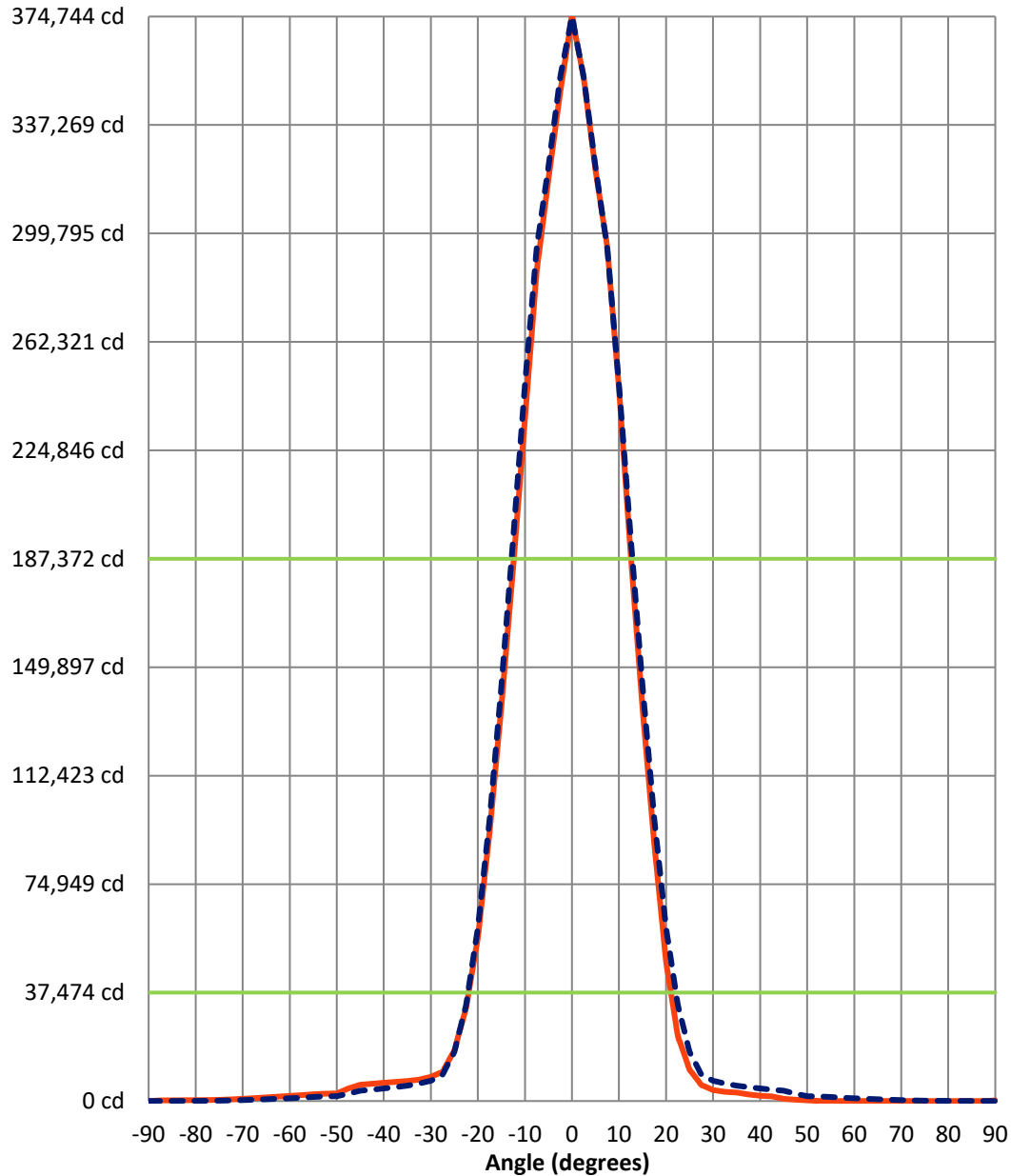
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 25.7°
 V Angle: 24.9°
 Lumens: 40283.1
 Efficiency: 47.8%

Field:
 H Angle: 44.2°
 V Angle: 43°
 Lumens: 70586.1
 Efficiency: 83.8%

Spill:
 Lumens: 13607.7
 Efficiency: 16.2%

— 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°	3.0	12.5	22.1	35.6	49.2	60.7	72.2	80.8	89.3	96.3	103.3
87.5°	3.0	3.2	3.2	3.3	3.3	3.3	3.3	3.0	2.7	2.6	2.4
85°	3.0	3.5	3.4	3.5	3.7	3.7	3.5	3.4	3.4	3.2	2.9
82.5°	3.0	3.7	3.5	3.8	4.0	4.0	3.8	3.9	4.0	3.7	3.3
80°	3.0	4.0	3.7	4.0	4.4	4.3	4.1	4.3	4.4	4.1	3.8
77.5°	3.0	4.2	3.9	4.3	4.7	4.7	4.7	4.8	4.8	4.5	4.2
75°	3.0	4.5	4.2	4.5	5.1	5.3	5.2	5.3	5.2	5.1	4.7
72.5°	3.0	4.7	4.4	4.8	5.6	5.9	5.8	5.9	6.0	5.8	5.3
70°	3.0	5.0	4.7	5.1	6.2	6.5	6.5	6.9	6.9	6.5	6.7
67.5°	3.0	5.2	4.9	5.7	6.8	7.1	7.7	8.0	7.9	8.3	8.3
65°	3.0	5.5	5.2	6.3	7.4	8.1	9.0	9.1	10.0	10.2	10.2
62.5°	3.0	5.7	5.6	6.9	8.1	9.4	10.4	11.1	12.3	12.3	12.3
60°	3.0	6.0	5.9	7.5	8.8	10.8	11.8	13.5	14.7	15.0	14.7
57.5°	3.0	6.2	6.6	8.2	10.1	12.2	14.0	16.0	17.8	18.1	19.9
55°	3.0	6.5	7.3	8.8	11.5	13.7	16.4	18.6	21.5	22.6	26.9
52.5°	3.0	6.8	8.0	9.5	12.9	15.3	18.8	22.3	25.4	31.1	34.6
50°	3.0	7.1	8.7	10.1	14.4	17.6	21.3	26.2	31.0	40.4	48.6
47.5°	3.0	7.3	9.5	10.9	15.9	19.9	23.9	30.4	40.4	50.5	65.5
45°	3.0	7.6	10.3	12.1	17.4	22.4	27.6	34.6	50.2	67.7	84.2
42.5°	3.0	7.9	11.0	13.3	19.0	24.9	31.4	41.8	60.5	86.3	112.8
40°	3.0	8.2	11.8	14.7	20.8	27.5	35.6	51.0	73.5	106.2	145.1
37.5°	3.0	8.4	12.6	16.4	22.8	30.1	40.1	60.5	91.6	129.8	179.7
35°	3.0	8.7	13.5	18.1	24.9	33.4	44.7	70.1	110.6	160.2	218.3
32.5°	3.0	9.0	14.3	19.8	26.9	37.1	50.6	80.2	130.1	190.8	256.7
30°	3.0	9.3	15.1	21.4	28.9	40.8	58.9	91.9	150.3	221.4	292.6
27.5°	3.0	9.5	15.9	23.1	31.5	44.5	67.1	107.2	170.7	252.0	325.9
25°	3.0	9.8	16.8	24.7	34.1	48.2	75.2	121.7	191.5	280.7	357.0
22.5°	3.0	10.1	17.6	26.4	36.7	51.9	83.1	135.3	210.5	300.1	390.8
20°	3.0	10.3	18.4	28.0	39.2	55.7	90.7	147.9	227.6	318.1	418.2
17.5°	3.0	10.6	19.2	29.5	41.6	59.3	97.8	159.6	243.0	334.7	443.8
15°	3.0	10.8	20.0	31.1	44.0	62.8	104.3	170.2	256.5	349.7	468.1
12.5°	3.0	11.0	20.7	32.6	46.3	66.0	110.4	179.6	270.3	363.2	490.7
10°	3.0	11.3	21.5	34.0	48.5	69.1	115.9	188.0	284.5	383.3	515.5
7.5°	3.0	11.5	22.2	35.4	50.6	72.0	120.9	195.5	297.5	403.6	546.4
5°	3.0	11.7	22.9	36.7	52.6	74.6	125.3	202.0	309.3	422.6	575.1
2.5°	3.0	11.8	23.5	37.9	54.5	77.1	129.1	207.4	319.5	440.1	601.1
0°	3.0	12.0	24.1	39.1	56.2	79.3	132.4	211.7	328.1	455.5	624.0
-2.5°	3.0	12.5	25.2	40.8	58.7	82.6	136.7	218.9	337.7	466.0	634.7
-5°	3.0	13.0	26.2	42.5	61.1	85.7	140.3	224.8	345.4	474.1	642.0
-7.5°	3.0	13.4	27.2	44.0	63.3	88.6	143.2	229.5	351.1	480.0	645.9
-10°	3.0	13.9	28.1	45.5	65.3	91.2	145.5	232.7	354.6	483.5	646.4
-12.5°	3.0	14.3	29.0	46.8	67.2	93.5	147.0	234.5	355.9	484.6	644.9
-15°	3.0	14.7	29.7	48.1	68.9	95.5	147.9	234.6	353.7	481.6	639.9
-17.5°	3.0	15.0	30.5	49.2	70.4	97.2	148.0	232.5	348.0	475.9	630.5
-20°	3.0	15.4	31.2	50.2	71.8	98.7	147.4	228.6	340.2	467.5	616.4



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 CATALOG NUMBER: EPH-08-530N-57-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.0	15.7	31.8	51.0	72.9	99.8	146.3	223.2	330.4	456.4	597.9
-25°	3.0	16.0	32.3	51.8	73.9	100.8	144.4	216.5	318.5	442.5	578.5
-27.5°	3.0	16.2	32.8	52.4	74.6	101.6	141.7	208.3	304.6	429.9	564.6
-30°	3.0	16.4	33.2	52.8	75.2	102.1	138.3	198.8	293.2	415.9	547.8
-32.5°	3.0	16.6	33.5	53.2	76.0	102.4	134.0	192.6	283.6	399.7	527.8
-35°	3.0	16.8	33.7	53.4	76.5	102.3	132.5	187.2	271.4	381.2	504.6
-37.5°	3.0	16.9	33.9	53.5	76.9	102.2	132.1	181.3	256.7	360.6	480.0
-40°	3.0	17.0	34.0	53.4	77.0	102.4	131.3	174.0	239.4	340.4	452.2
-42.5°	3.0	17.1	34.0	53.3	77.0	102.3	130.2	165.5	226.5	316.2	420.1
-45°	3.0	17.1	33.9	53.2	77.0	102.0	128.5	159.1	215.3	289.3	384.8
-47.5°	3.0	17.1	33.8	53.0	76.7	101.5	126.4	156.6	202.5	260.4	351.9
-50°	3.0	17.1	33.6	52.8	76.1	100.7	125.0	153.5	187.4	243.2	316.4
-52.5°	3.0	17.0	33.3	52.6	75.4	99.7	123.4	149.8	179.2	224.7	279.7
-55°	3.0	16.9	32.9	52.3	74.5	98.2	121.5	145.7	173.6	204.9	256.4
-57.5°	3.0	16.8	32.5	51.8	73.3	96.4	119.2	142.9	167.6	194.9	231.9
-60°	3.0	16.6	32.0	51.2	72.0	94.5	116.6	139.5	161.6	187.6	211.6
-62.5°	3.0	16.4	31.5	50.4	70.9	92.3	113.9	135.5	156.8	179.4	201.6
-65°	3.0	16.2	31.0	49.5	69.6	89.8	110.9	131.3	151.6	172.0	190.8
-67.5°	3.0	16.0	30.4	48.5	68.1	87.4	107.6	127.0	145.9	164.8	181.8
-70°	3.0	15.7	29.7	47.4	66.5	84.9	104.1	122.4	140.3	157.3	173.5
-72.5°	3.0	15.4	28.9	46.3	64.7	82.2	100.4	117.5	134.5	149.9	164.9
-75°	3.0	15.1	28.1	45.0	62.7	79.3	96.5	112.3	128.3	142.2	155.8
-77.5°	3.0	14.7	27.2	43.7	60.8	76.2	92.3	106.8	121.6	134.2	146.4
-80°	3.0	14.3	26.3	42.3	58.7	73.2	87.9	101.1	114.5	125.8	136.9
-82.5°	3.0	13.9	25.3	40.8	56.5	70.3	84.1	95.6	107.2	117.3	127.2
-85°	3.0	13.5	24.3	39.1	54.2	67.2	80.3	90.8	101.3	109.9	118.3
-87.5°	3.0	13.0	23.2	37.4	51.8	64.0	76.3	85.8	95.4	103.2	110.9
-90°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	2.0	2.0	2.0



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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°	108.9	114.4	119.4	124.4	128.9	133.4	139.5	145.5	150.0	154.5	159.0
87.5°	2.5	2.5	2.5	2.6	2.3	2.0	2.0	2.0	1.9	1.8	1.8
85°	2.9	3.0	3.0	3.0	2.6	2.3	2.4	2.4	2.5	2.5	2.3
82.5°	3.4	3.5	3.3	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.7
80°	3.8	4.0	3.6	3.3	3.4	3.6	3.4	3.1	3.0	3.1	3.2
77.5°	4.2	4.1	3.9	3.9	4.0	4.2	4.1	4.1	4.1	3.9	4.0
75°	4.5	4.2	4.3	4.2	4.2	4.7	5.0	5.0	4.8	4.7	4.7
72.5°	5.2	5.3	5.1	4.5	4.6	5.0	5.0	5.0	6.2	8.3	10.0
70°	6.6	6.5	6.1	5.7	5.5	5.9	7.6	10.3	13.4	16.3	19.0
67.5°	7.9	7.8	7.3	7.2	8.3	10.0	12.1	19.2	26.5	29.1	29.6
65°	9.4	9.1	9.2	10.4	11.8	16.9	23.4	31.9	38.9	38.5	35.5
62.5°	11.1	12.4	12.5	14.9	19.9	26.0	33.5	40.8	47.1	44.1	36.7
60°	15.9	16.8	19.1	23.7	28.8	34.8	42.6	45.0	46.6	45.4	35.7
57.5°	21.9	24.5	29.2	33.5	39.6	42.3	42.9	42.5	45.2	43.4	33.5
55°	30.6	35.1	41.5	45.9	49.4	44.1	43.6	46.4	46.0	42.1	32.6
52.5°	43.7	48.4	57.3	60.6	57.7	53.6	52.1	54.7	52.7	47.4	41.1
50°	58.0	69.3	75.1	77.8	72.6	72.1	66.9	70.2	73.0	70.4	79.3
47.5°	79.7	93.3	97.7	102.3	99.8	109.1	104.4	121.6	122.8	173.3	188.4
45°	105.9	124.2	129.3	141.3	154.7	170.7	198.4	205.8	288.7	339.3	399.0
42.5°	137.4	160.5	181.2	188.1	247.7	280.1	321.6	398.8	476.0	539.5	584.0
40°	178.1	201.5	245.3	297.5	360.9	415.9	495.4	584.6	658.2	707.0	729.9
37.5°	222.8	268.6	325.9	410.5	487.5	557.5	658.9	748.4	813.6	858.7	864.5
35°	270.8	335.8	429.8	515.4	595.0	689.7	790.4	893.3	946.8	966.2	1049.1
32.5°	326.8	401.4	512.6	605.6	695.3	802.6	909.7	998.5	1045.8	1100.7	1381.2
30°	379.8	470.1	580.8	679.7	790.8	913.0	1015.4	1099.2	1131.8	1420.1	1873.9
27.5°	422.1	529.8	640.9	760.2	887.7	1027.5	1130.7	1185.1	1372.1	1798.7	2454.8
25°	461.6	577.4	701.6	850.6	995.6	1134.2	1239.1	1273.9	1662.8	2386.2	2875.2
22.5°	500.1	623.9	768.6	946.2	1094.7	1224.0	1311.8	1522.4	2079.6	2995.7	3249.7
20°	538.7	678.8	841.3	1018.5	1182.2	1303.0	1370.5	1784.4	2585.8	3230.0	3515.7
17.5°	575.8	734.1	908.1	1079.3	1244.4	1366.8	1454.0	2005.5	2986.7	3440.2	3721.4
15°	612.0	781.4	959.6	1136.4	1304.8	1422.7	1659.5	2329.7	3235.7	3694.4	3991.4
12.5°	646.7	821.7	997.6	1185.9	1363.3	1477.0	1872.5	2722.6	3495.6	3944.9	4266.0
10°	679.5	855.7	1030.6	1231.1	1417.6	1524.2	2072.5	3089.7	3733.3	4123.2	4414.2
7.5°	712.5	886.3	1060.5	1272.0	1468.8	1567.2	2241.6	3290.7	3826.7	4240.9	4518.8
5°	741.6	914.6	1095.8	1322.3	1518.5	1606.8	2384.4	3425.9	3856.3	4299.7	4594.0
2.5°	766.5	938.1	1126.7	1369.3	1563.2	1642.8	2481.7	3528.9	3892.0	4341.6	4687.6
0°	787.5	957.1	1152.7	1409.5	1601.1	1675.4	2546.2	3584.5	3914.5	4360.0	4791.4
-2.5°	802.8	982.4	1194.2	1443.7	1632.3	1709.4	2566.4	3608.3	3947.4	4461.2	5024.3
-5°	814.2	1002.6	1228.9	1470.9	1657.6	1740.7	2551.9	3586.1	3986.6	4554.7	5172.3
-7.5°	821.3	1017.2	1255.6	1491.2	1678.8	1776.0	2508.4	3560.6	4109.5	4671.9	5246.8
-10°	824.6	1024.8	1259.7	1498.8	1695.7	1811.4	2434.1	3474.1	4198.4	4716.7	5253.0
-12.5°	827.5	1026.3	1254.8	1497.4	1706.2	1843.8	2340.5	3370.3	4280.2	4733.5	5214.9
-15°	824.9	1023.1	1243.6	1488.1	1719.7	1884.7	2220.9	3177.8	4316.8	4715.8	5143.5
-17.5°	816.6	1015.3	1228.4	1476.1	1728.3	1922.8	2064.1	2881.1	4120.5	4661.5	5089.1
-20°	802.4	1001.1	1206.5	1453.1	1723.6	1939.3	2060.1	2664.0	3709.4	4554.5	5008.2



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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°	783.6	981.0	1180.4	1422.5	1696.4	1932.5	2088.8	2424.7	3243.4	4397.8	4886.4
-25°	761.6	955.4	1153.6	1389.6	1658.6	1919.5	2104.6	2204.2	2858.3	3866.7	4692.8
-27.5°	736.2	925.0	1123.1	1345.8	1609.1	1880.9	2078.9	2210.4	2545.2	3259.5	4398.8
-30°	706.3	889.9	1083.6	1294.9	1548.6	1808.0	2034.9	2202.4	2300.2	2845.2	3761.0
-32.5°	672.3	849.4	1038.6	1246.0	1480.3	1729.5	1969.5	2150.6	2284.7	2463.1	3160.7
-35°	639.9	808.1	988.7	1191.0	1407.0	1641.1	1866.3	2080.0	2248.1	2363.1	2646.7
-37.5°	611.4	763.0	936.5	1131.3	1339.3	1539.6	1754.8	1975.0	2167.8	2326.7	2427.1
-40°	578.6	714.5	882.7	1066.9	1252.1	1437.1	1638.1	1848.3	2060.7	2235.2	2388.3
-42.5°	542.0	673.5	824.2	991.8	1162.0	1336.8	1515.6	1714.8	1915.0	2113.9	2275.3
-45°	501.3	627.8	761.7	912.4	1066.8	1231.7	1401.2	1573.3	1762.6	1950.4	2127.0
-47.5°	455.5	577.1	704.7	827.7	971.1	1122.4	1280.7	1443.0	1605.0	1777.5	1948.0
-50°	407.8	520.6	638.4	751.1	873.6	1011.3	1156.7	1307.7	1460.6	1605.3	1755.4
-52.5°	363.5	459.1	566.9	674.9	782.5	899.6	1030.9	1167.4	1308.8	1449.7	1576.6
-55°	315.8	401.7	491.2	593.2	696.0	797.4	904.0	1027.5	1147.6	1277.1	1401.8
-57.5°	280.1	343.2	421.7	506.5	602.8	700.8	795.2	888.2	992.9	1101.2	1211.3
-60°	251.6	295.9	355.9	428.2	504.0	594.4	687.2	773.1	852.2	932.9	1032.5
-62.5°	225.2	261.6	303.3	353.6	419.6	486.8	566.6	648.5	725.4	799.2	873.3
-65°	212.4	231.5	263.1	300.6	338.3	395.6	456.7	519.4	589.9	657.6	726.5
-67.5°	198.9	217.1	234.5	255.0	288.9	322.3	355.4	410.6	465.7	515.5	565.7
-70°	188.6	202.8	218.5	233.8	249.1	268.8	298.9	329.7	359.6	392.6	434.7
-72.5°	178.4	191.1	203.8	216.2	230.1	244.2	258.6	273.6	295.5	321.0	344.0
-75°	168.0	179.1	190.2	201.3	212.8	224.5	236.6	250.0	263.6	277.2	289.5
-77.5°	157.4	167.8	177.3	186.6	196.5	206.9	217.7	228.7	239.8	251.1	260.7
-80°	146.6	156.4	164.8	172.9	181.3	189.9	199.2	208.6	218.0	227.5	235.9
-82.5°	135.6	143.9	151.4	158.7	166.0	173.2	181.2	189.4	197.5	205.6	212.7
-85°	124.9	131.2	137.6	144.0	150.4	156.7	163.9	171.0	177.9	184.7	190.7
-87.5°	116.9	122.8	128.2	133.5	138.6	143.7	149.9	156.0	161.4	166.7	171.7
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	163.5	166.5	169.5	172.1	174.6	178.1	181.6	186.6	191.6	197.7	203.7
87.5°	1.8	1.8	1.9	1.4	1.0	1.0	1.0	1.0	1.0	1.5	2.0
85°	2.0	2.0	2.0	2.3	2.6	2.7	2.8	2.8	2.9	2.9	3.0
82.5°	2.5	2.5	2.6	2.8	3.0	3.0	3.0	3.0	3.0	3.4	3.9
80°	3.3	3.4	3.5	3.5	3.6	3.4	3.0	3.0	3.0	3.5	4.0
77.5°	4.1	4.1	4.0	3.8	3.5	3.2	3.0	3.0	3.0	3.1	3.1
75°	4.9	5.0	5.3	5.6	6.1	6.2	5.8	5.9	6.2	6.1	5.8
72.5°	11.0	11.3	11.3	12.6	13.9	14.4	14.7	15.7	16.9	18.4	20.2
70°	21.5	23.7	24.7	24.7	23.8	23.2	22.7	22.6	23.0	24.0	25.3
67.5°	31.1	32.0	31.6	31.2	29.3	27.1	24.6	23.2	23.8	24.9	26.5
65°	35.1	32.3	30.4	29.6	27.9	25.1	21.3	18.7	18.1	17.7	17.6
62.5°	31.6	26.6	24.3	23.0	20.5	18.2	14.6	11.8	10.8	10.2	10.0
60°	27.5	21.4	17.6	15.8	13.2	10.2	8.4	6.4	5.8	5.4	5.5
57.5°	23.9	17.7	13.3	12.5	10.1	8.0	6.4	4.7	4.3	4.0	4.1
55°	24.6	21.5	18.0	16.2	13.4	12.2	10.7	9.7	8.9	9.0	9.6
52.5°	34.8	37.4	32.9	31.8	39.5	39.6	32.7	43.3	49.8	54.8	56.2
50°	89.8	89.2	118.6	113.6	140.7	162.9	163.8	177.2	202.9	220.5	229.9
47.5°	238.6	265.3	299.5	335.4	363.6	398.6	434.0	460.5	467.1	467.7	472.3
45°	449.1	487.3	538.8	576.5	629.7	662.4	689.6	714.2	771.0	823.4	884.3
42.5°	627.1	668.9	722.3	798.9	854.8	1004.2	1232.7	1288.9	1296.9	1343.4	1411.1
40°	767.7	822.5	941.0	1108.9	1466.8	1787.8	1845.7	1893.9	1915.1	1889.4	1935.3
37.5°	937.8	1066.3	1332.9	1792.3	1961.9	2049.3	2110.8	2147.7	2192.6	2234.1	2256.6
35°	1220.4	1578.1	1811.8	2057.2	2168.2	2212.4	2257.6	2303.1	2338.3	2384.2	2420.9
32.5°	1800.2	2198.6	2222.0	2282.6	2340.5	2398.1	2440.2	2483.5	2521.1	2580.6	2705.4
30°	2384.3	2471.2	2492.4	2498.0	2550.7	2619.7	2656.4	2743.8	2861.9	2997.4	3285.6
27.5°	2695.3	2755.1	2767.5	2773.5	2798.0	2879.7	3031.1	3150.5	3433.9	3777.9	4518.7
25°	3074.0	3116.5	3161.6	3159.6	3197.0	3341.6	3637.6	3889.7	4847.3	5743.4	7674.0
22.5°	3435.3	3563.8	3627.8	3713.6	3840.4	4103.6	4622.9	6081.6	8520.4	11632.8	15507.3
20°	3686.3	3859.2	4031.5	4271.0	4577.4	5123.6	6745.8	11110.7	16323.4	23887.2	30231.3
17.5°	3939.6	4134.9	4439.6	4809.0	5323.6	7157.8	11913.8	19325.2	30029.9	43458.1	55240.0
15°	4269.8	4501.6	4909.6	5436.9	6874.9	10790.1	18724.0	32209.9	48483.0	67359.2	87160.2
12.5°	4494.7	4814.1	5299.2	5980.2	8340.5	15673.3	28447.6	46935.1	69332.5	93117.0	124680.3
10°	4660.9	5042.8	5701.6	7113.7	11393.4	21063.3	36413.9	59486.0	90192.2	126441.6	162527.8
7.5°	4800.4	5314.8	6142.0	7921.2	14027.5	26218.8	45786.1	73829.3	110159.9	153838.6	195803.7
5°	4925.8	5607.8	6565.6	8791.6	16387.7	29951.5	52018.9	84541.0	126612.2	174316.7	220649.0
2.5°	5091.7	5882.0	6840.5	9031.1	17332.4	32019.8	56957.5	93190.6	138359.0	188540.9	238950.6
0°	5322.1	6060.4	7008.5	9184.4	17038.6	33315.7	59984.2	97531.5	143506.8	194515.2	247386.6
-2.5°	5503.2	6163.2	7106.3	9060.9	16894.9	32706.3	58618.2	95001.1	138466.9	187755.9	240495.8
-5°	5620.2	6236.9	7149.2	9107.0	16532.4	30376.8	54583.6	88371.3	128203.8	172696.5	221465.1
-7.5°	5688.7	6263.9	7104.7	8816.7	14885.7	27203.4	47402.2	76150.9	111884.0	153055.0	193359.0
-10°	5729.8	6246.4	7011.7	8405.9	12521.0	22107.7	37422.9	61788.1	92748.9	125924.1	158891.2
-12.5°	5745.2	6209.5	6880.5	7817.5	10038.9	17307.6	29790.1	47082.1	70064.5	97278.3	126327.7
-15°	5715.0	6155.9	6753.7	7565.0	9042.9	12974.6	20787.0	32547.6	49677.9	70455.6	91506.3
-17.5°	5602.8	6100.6	6566.0	7188.9	8058.7	9912.9	14667.8	22216.4	32662.9	46396.7	58541.8
-20°	5454.0	5996.1	6394.6	6945.1	7628.2	8476.8	10001.7	14608.6	20466.2	28417.2	36344.0



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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°	5321.6	5817.5	6318.6	6696.5	7231.4	7789.2	8477.9	9795.7	12739.1	16708.6	21733.7
-25°	5199.5	5653.4	6167.6	6576.3	6878.0	7272.4	7703.7	8165.4	9165.3	10102.7	12526.9
-27.5°	5027.5	5497.8	5943.6	6379.9	6670.6	6849.6	7143.6	7430.5	7849.2	8221.5	8933.5
-30°	4827.4	5287.5	5711.8	6108.1	6406.0	6594.2	6740.0	6937.3	7158.9	7384.3	7690.3
-32.5°	4114.4	5040.5	5435.5	5793.3	6100.6	6321.9	6476.2	6605.8	6733.7	6878.0	7039.2
-35°	3333.3	4248.0	5139.3	5418.2	5708.7	6001.6	6230.5	6352.8	6464.1	6565.2	6663.8
-37.5°	2710.1	3355.5	4155.4	4915.6	5268.5	5564.4	5839.4	6053.1	6209.2	6303.9	6392.6
-40°	2466.2	2629.7	3244.9	3871.0	4473.0	5019.6	5299.4	5615.2	5871.8	6010.9	6107.5
-42.5°	2407.9	2483.0	2540.4	2937.1	3416.0	3876.9	4386.9	4893.2	5290.5	5555.3	5752.3
-45°	2280.1	2388.2	2473.9	2509.3	2531.0	2867.0	3262.0	3648.6	4094.7	4555.6	4974.0
-47.5°	2099.2	2239.7	2336.5	2412.2	2457.5	2471.7	2499.5	2586.2	2910.2	3250.8	3575.0
-50°	1897.3	2026.1	2142.1	2247.4	2310.1	2361.0	2409.6	2456.3	2495.8	2545.6	2590.5
-52.5°	1694.1	1812.1	1916.4	2008.8	2091.9	2172.1	2249.2	2306.8	2363.2	2423.6	2472.8
-55°	1513.1	1608.7	1696.1	1777.3	1852.2	1919.9	1989.7	2064.2	2141.2	2216.6	2275.1
-57.5°	1319.5	1411.0	1493.7	1562.6	1622.9	1673.4	1737.4	1807.2	1879.7	1946.8	1997.8
-60°	1124.3	1205.2	1280.9	1347.6	1404.8	1451.8	1511.0	1570.1	1634.7	1692.2	1737.6
-62.5°	938.9	1007.1	1071.4	1129.7	1181.7	1229.5	1282.0	1334.7	1395.5	1448.9	1492.3
-65°	784.8	837.7	881.7	923.0	955.2	996.5	1047.3	1096.0	1148.9	1195.2	1233.8
-67.5°	617.9	666.7	707.0	743.1	771.4	801.0	838.6	877.3	918.3	955.1	987.5
-70°	472.2	505.0	531.1	558.0	587.1	615.2	645.3	678.5	712.9	743.3	770.0
-72.5°	364.2	380.5	395.7	417.6	437.1	456.7	475.8	499.5	525.0	548.1	569.0
-75°	300.9	310.9	322.6	333.0	342.0	352.5	363.0	378.5	395.2	411.1	426.0
-77.5°	270.0	277.3	283.1	287.9	292.2	298.5	305.3	316.8	329.1	342.5	355.9
-80°	243.8	249.3	254.3	258.5	262.3	267.6	272.9	283.1	293.7	305.0	316.2
-82.5°	219.5	223.9	227.9	231.7	235.4	239.9	244.3	253.2	262.3	271.8	281.1
-85°	196.7	200.4	203.9	207.1	210.1	213.9	217.7	225.3	232.9	240.9	248.9
-87.5°	176.6	180.0	183.4	186.3	189.1	192.4	195.7	202.3	209.0	215.7	222.4
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



REPORT NUMBER: P1306240 (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°
90°	204.2	204.7	205.2	205.7	205.2	204.7	204.2	203.7	197.7	191.6	186.6
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0	1.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8
82.5°	3.5	3.0	3.5	4.0	3.5	3.0	3.5	3.9	3.4	3.0	3.0
80°	3.5	3.0	3.5	4.0	3.5	3.0	3.5	4.0	3.5	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.0
75°	5.0	4.0	3.5	3.0	3.5	4.0	5.0	5.8	6.1	6.2	5.9
72.5°	20.7	20.7	21.0	21.1	21.0	20.7	20.7	20.2	18.4	16.9	15.7
70°	26.2	26.8	27.1	27.1	27.1	26.8	26.2	25.3	24.0	23.0	22.6
67.5°	26.7	26.2	25.7	25.1	25.7	26.2	26.7	26.5	24.9	23.8	23.2
65°	16.7	15.6	13.8	12.0	13.8	15.6	16.7	17.6	17.7	18.1	18.7
62.5°	9.7	9.3	9.1	9.0	9.1	9.3	9.7	10.0	10.2	10.8	11.8
60°	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.5	5.4	5.8	6.4
57.5°	4.4	4.9	5.4	6.0	5.4	4.9	4.4	4.1	4.0	4.3	4.7
55°	10.2	11.4	11.9	12.0	11.9	11.4	10.2	9.6	9.0	8.9	9.7
52.5°	54.2	51.5	49.1	47.2	49.1	51.5	54.2	56.2	54.8	49.8	43.3
50°	234.2	240.3	243.1	242.8	243.1	240.3	234.2	229.9	220.5	202.9	177.2
47.5°	482.3	485.7	483.0	475.5	483.0	485.7	482.3	472.3	467.7	467.1	460.5
45°	958.9	917.3	843.6	778.5	843.6	917.3	958.9	884.3	823.4	771.0	714.2
42.5°	1501.0	1550.7	1588.0	1605.1	1588.0	1550.7	1501.0	1411.1	1343.4	1296.9	1288.9
40°	1883.6	1830.5	1819.8	1827.9	1819.8	1830.5	1883.6	1935.3	1889.4	1915.1	1893.9
37.5°	2262.3	2310.6	2346.3	2288.3	2346.3	2310.6	2262.3	2256.6	2234.1	2192.6	2147.7
35°	2506.2	2677.9	2879.4	2940.4	2879.4	2677.9	2506.2	2420.9	2384.2	2338.3	2303.1
32.5°	2914.2	3095.4	3174.0	3193.2	3174.0	3095.4	2914.2	2705.4	2580.6	2521.1	2483.5
30°	3563.3	3744.3	3776.9	3803.2	3776.9	3744.3	3563.3	3285.6	2997.4	2861.9	2743.8
27.5°	5010.2	5415.2	5511.3	5578.9	5511.3	5415.2	5010.2	4518.7	3777.9	3433.9	3150.5
25°	9198.0	10251.5	10939.6	10872.8	10939.6	10251.5	9198.0	7674.0	5743.4	4847.3	3889.7
22.5°	19389.5	21457.4	22560.8	22541.2	22560.8	21457.4	19389.5	15507.3	11632.8	8520.4	6081.6
20°	39269.5	45388.2	48700.1	48322.8	48700.1	45388.2	39269.5	30231.3	23887.2	16323.4	11110.7
17.5°	68473.6	80291.3	88547.5	88885.8	88547.5	80291.3	68473.6	55240.0	43458.1	30029.9	19325.2
15°	105880.5	123415.2	135793.7	135792.1	135793.7	123415.2	105880.5	87160.2	67359.2	48483.0	32209.9
12.5°	151406.9	172366.6	186529.5	188653.5	186529.5	172366.6	151406.9	124680.3	93117.0	69332.5	46935.1
10°	195100.2	218841.3	240252.5	246147.7	240252.5	218841.3	195100.2	162527.8	126441.6	90192.2	59486.0
7.5°	232083.1	269429.7	288933.2	295075.9	288933.2	269429.7	232083.1	195803.7	153838.6	110159.9	73829.3
5°	268384.1	300710.7	317085.6	321826.1	317085.6	300710.7	268384.1	220649.0	174316.7	126612.2	84541.0
2.5°	287479.6	317152.2	340167.3	353514.7	340167.3	317152.2	287479.6	238950.6	188540.9	138359.0	93190.6
0°	294664.1	322855.4	353720.8	374743.7	353720.8	322855.4	294664.1	247386.6	194515.2	143506.8	97531.5
-2.5°	287478.0	314756.5	337502.3	348576.3	337502.3	314756.5	287478.0	240495.8	187755.9	138466.9	95001.1
-5°	265694.5	297780.2	314340.9	318533.6	314340.9	297780.2	265694.5	221465.1	172696.5	128203.8	88371.3
-7.5°	230903.3	261761.5	282066.0	286639.4	282066.0	261761.5	230903.3	193359.0	153055.0	111884.0	76150.9
-10°	192170.4	218528.6	232226.6	235613.9	232226.6	218528.6	192170.4	158891.2	125924.1	92748.9	61788.1
-12.5°	149320.6	168650.5	182633.4	184531.2	182633.4	168650.5	149320.6	126327.7	97278.3	70064.5	47082.1
-15°	111146.2	123930.0	135202.9	136498.3	135202.9	123930.0	111146.2	91506.3	70455.6	49677.9	32547.6
-17.5°	74462.2	85046.1	91353.6	93173.5	91353.6	85046.1	74462.2	58541.8	46396.7	32662.9	22216.4
-20°	44615.2	52188.7	56392.2	56550.2	56392.2	52188.7	44615.2	36344.0	28417.2	20466.2	14608.6



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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°	25883.6	30097.5	32321.6	32278.4	32321.6	30097.5	25883.6	21733.7	16708.6	12739.1	9795.7
-25°	14927.6	16772.6	17509.0	17535.2	17509.0	16772.6	14927.6	12526.9	10102.7	9165.3	8165.4
-27.5°	9505.0	9928.6	10098.2	10125.4	10098.2	9928.6	9505.0	8933.5	8221.5	7849.2	7430.5
-30°	7969.1	8216.9	8330.9	8362.8	8330.9	8216.9	7969.1	7690.3	7384.3	7158.9	6937.3
-32.5°	7190.6	7327.2	7419.2	7405.7	7419.2	7327.2	7190.6	7039.2	6878.0	6733.7	6605.8
-35°	6760.2	6844.7	6896.4	6921.2	6896.4	6844.7	6760.2	6663.8	6565.2	6464.1	6352.8
-37.5°	6481.1	6556.6	6605.6	6620.2	6605.6	6556.6	6481.1	6392.6	6303.9	6209.2	6053.1
-40°	6190.6	6253.5	6293.7	6308.2	6293.7	6253.5	6190.6	6107.5	6010.9	5871.8	5615.2
-42.5°	5877.1	5944.7	5976.9	5977.2	5976.9	5944.7	5877.1	5752.3	5555.3	5290.5	4893.2
-45°	5317.2	5525.1	5629.3	5634.1	5629.3	5525.1	5317.2	4974.0	4555.6	4094.7	3648.6
-47.5°	3870.1	4075.6	4240.8	4363.0	4240.8	4075.6	3870.1	3575.0	3250.8	2910.2	2586.2
-50°	2629.8	2643.3	2644.2	2632.4	2644.2	2643.3	2629.8	2590.5	2545.6	2495.8	2456.3
-52.5°	2511.1	2525.1	2535.4	2541.1	2535.4	2525.1	2511.1	2472.8	2423.6	2363.2	2306.8
-55°	2318.4	2336.1	2343.3	2340.5	2343.3	2336.1	2318.4	2275.1	2216.6	2141.2	2064.2
-57.5°	2032.0	2043.7	2049.2	2047.6	2049.2	2043.7	2032.0	1997.8	1946.8	1879.7	1807.2
-60°	1765.4	1774.0	1779.0	1778.7	1779.0	1774.0	1765.4	1737.6	1692.2	1634.7	1570.1
-62.5°	1516.7	1524.5	1530.1	1530.9	1530.1	1524.5	1516.7	1492.3	1448.9	1395.5	1334.7
-65°	1253.2	1259.1	1262.8	1262.0	1262.8	1259.1	1253.2	1233.8	1195.2	1148.9	1096.0
-67.5°	1001.7	1005.9	1009.3	1009.2	1009.3	1005.9	1001.7	987.5	955.1	918.3	877.3
-70°	778.5	778.9	780.5	779.5	780.5	778.9	778.5	770.0	743.3	712.9	678.5
-72.5°	573.8	573.2	572.9	570.8	572.9	573.2	573.8	569.0	548.1	525.0	499.5
-75°	427.5	426.0	424.6	422.4	424.6	426.0	427.5	426.0	411.1	395.2	378.5
-77.5°	357.4	357.4	355.0	352.1	355.0	357.4	357.4	355.9	342.5	329.1	316.8
-80°	316.8	316.5	315.4	314.0	315.4	316.5	316.8	316.2	305.0	293.7	283.1
-82.5°	282.1	282.5	282.3	281.9	282.3	282.5	282.1	281.1	271.8	262.3	253.2
-85°	249.8	250.6	250.3	249.8	250.3	250.6	249.8	248.9	240.9	232.9	225.3
-87.5°	223.0	223.6	223.7	223.7	223.7	223.6	223.0	222.4	215.7	209.0	202.3
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	181.6	178.1	174.6	172.1	169.5	166.5	163.5	159.0	154.5	150.0	145.5
87.5°	1.0	1.0	1.0	1.4	1.9	1.8	1.8	1.8	1.8	1.9	2.0
85°	2.8	2.7	2.6	2.3	2.0	2.0	2.0	2.3	2.5	2.5	2.4
82.5°	3.0	3.0	3.0	2.8	2.6	2.5	2.5	2.7	3.0	3.0	3.0
80°	3.0	3.4	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	3.1
77.5°	3.0	3.2	3.5	3.8	4.0	4.1	4.1	4.0	3.9	4.1	4.1
75°	5.8	6.2	6.1	5.6	5.3	5.0	4.9	4.7	4.7	4.8	5.0
72.5°	14.7	14.4	13.9	12.6	11.3	11.3	11.0	10.0	8.3	6.2	5.0
70°	22.7	23.2	23.8	24.7	24.7	23.7	21.5	19.0	16.3	13.4	10.3
67.5°	24.6	27.1	29.3	31.2	31.6	32.0	31.1	29.6	29.1	26.5	19.2
65°	21.3	25.1	27.9	29.6	30.4	32.3	35.1	35.5	38.5	38.9	31.9
62.5°	14.6	18.2	20.5	23.0	24.3	26.6	31.6	36.7	44.1	47.1	40.8
60°	8.4	10.2	13.2	15.8	17.6	21.4	27.5	35.7	45.4	46.6	45.0
57.5°	6.4	8.0	10.1	12.5	13.3	17.7	23.9	33.5	43.4	45.2	42.5
55°	10.7	12.2	13.4	16.2	18.0	21.5	24.6	32.6	42.1	46.0	46.4
52.5°	32.7	39.6	39.5	31.8	32.9	37.4	34.8	41.1	47.4	52.7	54.7
50°	163.8	162.9	140.7	113.6	118.6	89.2	89.8	79.3	70.4	73.0	70.2
47.5°	434.0	398.6	363.6	335.4	299.5	265.3	238.6	188.4	173.3	122.8	121.6
45°	689.6	662.4	629.7	576.5	538.8	487.3	449.1	399.0	339.3	288.7	205.8
42.5°	1232.7	1004.2	854.8	798.9	722.3	668.9	627.1	584.0	539.5	476.0	398.8
40°	1845.7	1787.8	1466.8	1108.9	941.0	822.5	767.7	729.9	707.0	658.2	584.6
37.5°	2110.8	2049.3	1961.9	1792.3	1332.9	1066.3	937.8	864.5	858.7	813.6	748.4
35°	2257.6	2212.4	2168.2	2057.2	1811.8	1578.1	1220.4	1049.1	966.2	946.8	893.3
32.5°	2440.2	2398.1	2340.5	2282.6	2222.0	2198.6	1800.2	1381.2	1100.7	1045.8	998.5
30°	2656.4	2619.7	2550.7	2498.0	2492.4	2471.2	2384.3	1873.9	1420.1	1131.8	1099.2
27.5°	3031.1	2879.7	2798.0	2773.5	2767.5	2755.1	2695.3	2454.8	1798.7	1372.1	1185.1
25°	3637.6	3341.6	3197.0	3159.6	3161.6	3116.5	3074.0	2875.2	2386.2	1662.8	1273.9
22.5°	4622.9	4103.6	3840.4	3713.6	3627.8	3563.8	3435.3	3249.7	2995.7	2079.6	1522.4
20°	6745.8	5123.6	4577.4	4271.0	4031.5	3859.2	3686.3	3515.7	3230.0	2585.8	1784.4
17.5°	11913.8	7157.8	5323.6	4809.0	4439.6	4134.9	3939.6	3721.4	3440.2	2986.7	2005.5
15°	18724.0	10790.1	6874.9	5436.9	4909.6	4501.6	4269.8	3991.4	3694.4	3235.7	2329.7
12.5°	28447.6	15673.3	8340.5	5980.2	5299.2	4814.1	4494.7	4266.0	3944.9	3495.6	2722.6
10°	36413.9	21063.3	11393.4	7113.7	5701.6	5042.8	4660.9	4414.2	4123.2	3733.3	3089.7
7.5°	45786.1	26218.8	14027.5	7921.2	6142.0	5314.8	4800.4	4518.8	4240.9	3826.7	3290.7
5°	52018.9	29951.5	16387.7	8791.6	6565.6	5607.8	4925.8	4594.0	4299.7	3856.3	3425.9
2.5°	56957.5	32019.8	17332.4	9031.1	6840.5	5882.0	5091.7	4687.6	4341.6	3892.0	3528.9
0°	59984.2	33315.7	17038.6	9184.4	7008.5	6060.4	5322.1	4791.4	4360.0	3914.5	3584.5
-2.5°	58618.2	32706.3	16894.9	9060.9	7106.3	6163.2	5503.2	5024.3	4461.2	3947.4	3608.3
-5°	54583.6	30376.8	16532.4	9107.0	7149.2	6236.9	5620.2	5172.3	4554.7	3986.6	3586.1
-7.5°	47402.2	27203.4	14885.7	8816.7	7104.7	6263.9	5688.7	5246.8	4671.9	4109.5	3560.6
-10°	37422.9	22107.7	12521.0	8405.9	7011.7	6246.4	5729.8	5253.0	4716.7	4198.4	3474.1
-12.5°	29790.1	17307.6	10038.9	7817.5	6880.5	6209.5	5745.2	5214.9	4733.5	4280.2	3370.3
-15°	20787.0	12974.6	9042.9	7565.0	6753.7	6155.9	5715.0	5143.5	4715.8	4316.8	3177.8
-17.5°	14667.8	9912.9	8058.7	7188.9	6566.0	6100.6	5602.8	5089.1	4661.5	4120.5	2881.1
-20°	10001.7	8476.8	7628.2	6945.1	6394.6	5996.1	5454.0	5008.2	4554.5	3709.4	2664.0



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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°	8477.9	7789.2	7231.4	6696.5	6318.6	5817.5	5321.6	4886.4	4397.8	3243.4	2424.7
-25°	7703.7	7272.4	6878.0	6576.3	6167.6	5653.4	5199.5	4692.8	3866.7	2858.3	2204.2
-27.5°	7143.6	6849.6	6670.6	6379.9	5943.6	5497.8	5027.5	4398.8	3259.5	2545.2	2210.4
-30°	6740.0	6594.2	6406.0	6108.1	5711.8	5287.5	4827.4	3761.0	2845.2	2300.2	2202.4
-32.5°	6476.2	6321.9	6100.6	5793.3	5435.5	5040.5	4114.4	3160.7	2463.1	2284.7	2150.6
-35°	6230.5	6001.6	5708.7	5418.2	5139.3	4248.0	3333.3	2646.7	2363.1	2248.1	2080.0
-37.5°	5839.4	5564.4	5268.5	4915.6	4155.4	3355.5	2710.1	2427.1	2326.7	2167.8	1975.0
-40°	5299.4	5019.6	4473.0	3871.0	3244.9	2629.7	2466.2	2388.3	2235.2	2060.7	1848.3
-42.5°	4386.9	3876.9	3416.0	2937.1	2540.4	2483.0	2407.9	2275.3	2113.9	1915.0	1714.8
-45°	3262.0	2867.0	2531.0	2509.3	2473.9	2388.2	2280.1	2127.0	1950.4	1762.6	1573.3
-47.5°	2499.5	2471.7	2457.5	2412.2	2336.5	2239.7	2099.2	1948.0	1777.5	1605.0	1443.0
-50°	2409.6	2361.0	2310.1	2247.4	2142.1	2026.1	1897.3	1755.4	1605.3	1460.6	1307.7
-52.5°	2249.2	2172.1	2091.9	2008.8	1916.4	1812.1	1694.1	1576.6	1449.7	1308.8	1167.4
-55°	1989.7	1919.9	1852.2	1777.3	1696.1	1608.7	1513.1	1401.8	1277.1	1147.6	1027.5
-57.5°	1737.4	1673.4	1622.9	1562.6	1493.7	1411.0	1319.5	1211.3	1101.2	992.9	888.2
-60°	1511.0	1451.8	1404.8	1347.6	1280.9	1205.2	1124.3	1032.5	932.9	852.2	773.1
-62.5°	1282.0	1229.5	1181.7	1129.7	1071.4	1007.1	938.9	873.3	799.2	725.4	648.5
-65°	1047.3	996.5	955.2	923.0	881.7	837.7	784.8	726.5	657.6	589.9	519.4
-67.5°	838.6	801.0	771.4	743.1	707.0	666.7	617.9	565.7	515.5	465.7	410.6
-70°	645.3	615.2	587.1	558.0	531.1	505.0	472.2	434.7	392.6	359.6	329.7
-72.5°	475.8	456.7	437.1	417.6	395.7	380.5	364.2	344.0	321.0	295.5	273.6
-75°	363.0	352.5	342.0	333.0	322.6	310.9	300.9	289.5	277.2	263.6	250.0
-77.5°	305.3	298.5	292.2	287.9	283.1	277.3	270.0	260.7	251.1	239.8	228.7
-80°	272.9	267.6	262.3	258.5	254.3	249.3	243.8	235.9	227.5	218.0	208.6
-82.5°	244.3	239.9	235.4	231.7	227.9	223.9	219.5	212.7	205.6	197.5	189.4
-85°	217.7	213.9	210.1	207.1	203.9	200.4	196.7	190.7	184.7	177.9	171.0
-87.5°	195.7	192.4	189.1	186.3	183.4	180.0	176.6	171.7	166.7	161.4	156.0
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	139.5	133.4	128.9	124.4	119.4	114.4	108.9	103.3	96.3	89.3	80.8
87.5°	2.0	2.0	2.3	2.6	2.5	2.5	2.5	2.4	2.6	2.7	3.0
85°	2.4	2.3	2.6	3.0	3.0	3.0	2.9	2.9	3.2	3.4	3.4
82.5°	3.0	2.9	2.9	3.0	3.3	3.5	3.4	3.3	3.7	4.0	3.9
80°	3.4	3.6	3.4	3.3	3.6	4.0	3.8	3.8	4.1	4.4	4.3
77.5°	4.1	4.2	4.0	3.9	3.9	4.1	4.2	4.2	4.5	4.8	4.8
75°	5.0	4.7	4.2	4.2	4.3	4.2	4.5	4.7	5.1	5.2	5.3
72.5°	5.0	5.0	4.6	4.5	5.1	5.3	5.2	5.3	5.8	6.0	5.9
70°	7.6	5.9	5.5	5.7	6.1	6.5	6.6	6.7	6.5	6.9	6.9
67.5°	12.1	10.0	8.3	7.2	7.3	7.8	7.9	8.3	8.3	7.9	8.0
65°	23.4	16.9	11.8	10.4	9.2	9.1	9.4	10.2	10.2	10.0	9.1
62.5°	33.5	26.0	19.9	14.9	12.5	12.4	11.1	12.3	12.3	12.3	11.1
60°	42.6	34.8	28.8	23.7	19.1	16.8	15.9	14.7	15.0	14.7	13.5
57.5°	42.9	42.3	39.6	33.5	29.2	24.5	21.9	19.9	18.1	17.8	16.0
55°	43.6	44.1	49.4	45.9	41.5	35.1	30.6	26.9	22.6	21.5	18.6
52.5°	52.1	53.6	57.7	60.6	57.3	48.4	43.7	34.6	31.1	25.4	22.3
50°	66.9	72.1	72.6	77.8	75.1	69.3	58.0	48.6	40.4	31.0	26.2
47.5°	104.4	109.1	99.8	102.3	97.7	93.3	79.7	65.5	50.5	40.4	30.4
45°	198.4	170.7	154.7	141.3	129.3	124.2	105.9	84.2	67.7	50.2	34.6
42.5°	321.6	280.1	247.7	188.1	181.2	160.5	137.4	112.8	86.3	60.5	41.8
40°	495.4	415.9	360.9	297.5	245.3	201.5	178.1	145.1	106.2	73.5	51.0
37.5°	658.9	557.5	487.5	410.5	325.9	268.6	222.8	179.7	129.8	91.6	60.5
35°	790.4	689.7	595.0	515.4	429.8	335.8	270.8	218.3	160.2	110.6	70.1
32.5°	909.7	802.6	695.3	605.6	512.6	401.4	326.8	256.7	190.8	130.1	80.2
30°	1015.4	913.0	790.8	679.7	580.8	470.1	379.8	292.6	221.4	150.3	91.9
27.5°	1130.7	1027.5	887.7	760.2	640.9	529.8	422.1	325.9	252.0	170.7	107.2
25°	1239.1	1134.2	995.6	850.6	701.6	577.4	461.6	357.0	280.7	191.5	121.7
22.5°	1311.8	1224.0	1094.7	946.2	768.6	623.9	500.1	390.8	300.1	210.5	135.3
20°	1370.5	1303.0	1182.2	1018.5	841.3	678.8	538.7	418.2	318.1	227.6	147.9
17.5°	1454.0	1366.8	1244.4	1079.3	908.1	734.1	575.8	443.8	334.7	243.0	159.6
15°	1659.5	1422.7	1304.8	1136.4	959.6	781.4	612.0	468.1	349.7	256.5	170.2
12.5°	1872.5	1477.0	1363.3	1185.9	997.6	821.7	646.7	490.7	363.2	270.3	179.6
10°	2072.5	1524.2	1417.6	1231.1	1030.6	855.7	679.5	515.5	383.3	284.5	188.0
7.5°	2241.6	1567.2	1468.8	1272.0	1060.5	886.3	712.5	546.4	403.6	297.5	195.5
5°	2384.4	1606.8	1518.5	1322.3	1095.8	914.6	741.6	575.1	422.6	309.3	202.0
2.5°	2481.7	1642.8	1563.2	1369.3	1126.7	938.1	766.5	601.1	440.1	319.5	207.4
0°	2546.2	1675.4	1601.1	1409.5	1152.7	957.1	787.5	624.0	455.5	328.1	211.7
-2.5°	2566.4	1709.4	1632.3	1443.7	1194.2	982.4	802.8	634.7	466.0	337.7	218.9
-5°	2551.9	1740.7	1657.6	1470.9	1228.9	1002.6	814.2	642.0	474.1	345.4	224.8
-7.5°	2508.4	1776.0	1678.8	1491.2	1255.6	1017.2	821.3	645.9	480.0	351.1	229.5
-10°	2434.1	1811.4	1695.7	1498.8	1259.7	1024.8	824.6	646.4	483.5	354.6	232.7
-12.5°	2340.5	1843.8	1706.2	1497.4	1254.8	1026.3	827.5	644.9	484.6	355.9	234.5
-15°	2220.9	1884.7	1719.7	1488.1	1243.6	1023.1	824.9	639.9	481.6	353.7	234.6
-17.5°	2064.1	1922.8	1728.3	1476.1	1228.4	1015.3	816.6	630.5	475.9	348.0	232.5
-20°	2060.1	1939.3	1723.6	1453.1	1206.5	1001.1	802.4	616.4	467.5	340.2	228.6



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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°	2088.8	1932.5	1696.4	1422.5	1180.4	981.0	783.6	597.9	456.4	330.4	223.2
-25°	2104.6	1919.5	1658.6	1389.6	1153.6	955.4	761.6	578.5	442.5	318.5	216.5
-27.5°	2078.9	1880.9	1609.1	1345.8	1123.1	925.0	736.2	564.6	429.9	304.6	208.3
-30°	2034.9	1808.0	1548.6	1294.9	1083.6	889.9	706.3	547.8	415.9	293.2	198.8
-32.5°	1969.5	1729.5	1480.3	1246.0	1038.6	849.4	672.3	527.8	399.7	283.6	192.6
-35°	1866.3	1641.1	1407.0	1191.0	988.7	808.1	639.9	504.6	381.2	271.4	187.2
-37.5°	1754.8	1539.6	1339.3	1131.3	936.5	763.0	611.4	480.0	360.6	256.7	181.3
-40°	1638.1	1437.1	1252.1	1066.9	882.7	714.5	578.6	452.2	340.4	239.4	174.0
-42.5°	1515.6	1336.8	1162.0	991.8	824.2	673.5	542.0	420.1	316.2	226.5	165.5
-45°	1401.2	1231.7	1066.8	912.4	761.7	627.8	501.3	384.8	289.3	215.3	159.1
-47.5°	1280.7	1122.4	971.1	827.7	704.7	577.1	455.5	351.9	260.4	202.5	156.6
-50°	1156.7	1011.3	873.6	751.1	638.4	520.6	407.8	316.4	243.2	187.4	153.5
-52.5°	1030.9	899.6	782.5	674.9	566.9	459.1	363.5	279.7	224.7	179.2	149.8
-55°	904.0	797.4	696.0	593.2	491.2	401.7	315.8	256.4	204.9	173.6	145.7
-57.5°	795.2	700.8	602.8	506.5	421.7	343.2	280.1	231.9	194.9	167.6	142.9
-60°	687.2	594.4	504.0	428.2	355.9	295.9	251.6	211.6	187.6	161.6	139.5
-62.5°	566.6	486.8	419.6	353.6	303.3	261.6	225.2	201.6	179.4	156.8	135.5
-65°	456.7	395.6	338.3	300.6	263.1	231.5	212.4	190.8	172.0	151.6	131.3
-67.5°	355.4	322.3	288.9	255.0	234.5	217.1	198.9	181.8	164.8	145.9	127.0
-70°	298.9	268.8	249.1	233.8	218.5	202.8	188.6	173.5	157.3	140.3	122.4
-72.5°	258.6	244.2	230.1	216.2	203.8	191.1	178.4	164.9	149.9	134.5	117.5
-75°	236.6	224.5	212.8	201.3	190.2	179.1	168.0	155.8	142.2	128.3	112.3
-77.5°	217.7	206.9	196.5	186.6	177.3	167.8	157.4	146.4	134.2	121.6	106.8
-80°	199.2	189.9	181.3	172.9	164.8	156.4	146.6	136.9	125.8	114.5	101.1
-82.5°	181.2	173.2	166.0	158.7	151.4	143.9	135.6	127.2	117.3	107.2	95.6
-85°	163.9	156.7	150.4	144.0	137.6	131.2	124.9	118.3	109.9	101.3	90.8
-87.5°	149.9	143.7	138.6	133.5	128.2	122.8	116.9	110.9	103.2	95.4	85.8
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	72.2	60.7	49.2	35.6	22.1	12.5	3.0
87.5°	3.3	3.3	3.3	3.3	3.2	3.2	3.0
85°	3.5	3.7	3.7	3.5	3.4	3.5	3.0
82.5°	3.8	4.0	4.0	3.8	3.5	3.7	3.0
80°	4.1	4.3	4.4	4.0	3.7	4.0	3.0
77.5°	4.7	4.7	4.7	4.3	3.9	4.2	3.0
75°	5.2	5.3	5.1	4.5	4.2	4.5	3.0
72.5°	5.8	5.9	5.6	4.8	4.4	4.7	3.0
70°	6.5	6.5	6.2	5.1	4.7	5.0	3.0
67.5°	7.7	7.1	6.8	5.7	4.9	5.2	3.0
65°	9.0	8.1	7.4	6.3	5.2	5.5	3.0
62.5°	10.4	9.4	8.1	6.9	5.6	5.7	3.0
60°	11.8	10.8	8.8	7.5	5.9	6.0	3.0
57.5°	14.0	12.2	10.1	8.2	6.6	6.2	3.0
55°	16.4	13.7	11.5	8.8	7.3	6.5	3.0
52.5°	18.8	15.3	12.9	9.5	8.0	6.8	3.0
50°	21.3	17.6	14.4	10.1	8.7	7.1	3.0
47.5°	23.9	19.9	15.9	10.9	9.5	7.3	3.0
45°	27.6	22.4	17.4	12.1	10.3	7.6	3.0
42.5°	31.4	24.9	19.0	13.3	11.0	7.9	3.0
40°	35.6	27.5	20.8	14.7	11.8	8.2	3.0
37.5°	40.1	30.1	22.8	16.4	12.6	8.4	3.0
35°	44.7	33.4	24.9	18.1	13.5	8.7	3.0
32.5°	50.6	37.1	26.9	19.8	14.3	9.0	3.0
30°	58.9	40.8	28.9	21.4	15.1	9.3	3.0
27.5°	67.1	44.5	31.5	23.1	15.9	9.5	3.0
25°	75.2	48.2	34.1	24.7	16.8	9.8	3.0
22.5°	83.1	51.9	36.7	26.4	17.6	10.1	3.0
20°	90.7	55.7	39.2	28.0	18.4	10.3	3.0
17.5°	97.8	59.3	41.6	29.5	19.2	10.6	3.0
15°	104.3	62.8	44.0	31.1	20.0	10.8	3.0
12.5°	110.4	66.0	46.3	32.6	20.7	11.0	3.0
10°	115.9	69.1	48.5	34.0	21.5	11.3	3.0
7.5°	120.9	72.0	50.6	35.4	22.2	11.5	3.0
5°	125.3	74.6	52.6	36.7	22.9	11.7	3.0
2.5°	129.1	77.1	54.5	37.9	23.5	11.8	3.0
0°	132.4	79.3	56.2	39.1	24.1	12.0	3.0
-2.5°	136.7	82.6	58.7	40.8	25.2	12.5	3.0
-5°	140.3	85.7	61.1	42.5	26.2	13.0	3.0
-7.5°	143.2	88.6	63.3	44.0	27.2	13.4	3.0
-10°	145.5	91.2	65.3	45.5	28.1	13.9	3.0
-12.5°	147.0	93.5	67.2	46.8	29.0	14.3	3.0
-15°	147.9	95.5	68.9	48.1	29.7	14.7	3.0
-17.5°	148.0	97.2	70.4	49.2	30.5	15.0	3.0
-20°	147.4	98.7	71.8	50.2	31.2	15.4	3.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.3	99.8	72.9	51.0	31.8	15.7	3.0
-25°	144.4	100.8	73.9	51.8	32.3	16.0	3.0
-27.5°	141.7	101.6	74.6	52.4	32.8	16.2	3.0
-30°	138.3	102.1	75.2	52.8	33.2	16.4	3.0
-32.5°	134.0	102.4	76.0	53.2	33.5	16.6	3.0
-35°	132.5	102.3	76.5	53.4	33.7	16.8	3.0
-37.5°	132.1	102.2	76.9	53.5	33.9	16.9	3.0
-40°	131.3	102.4	77.0	53.4	34.0	17.0	3.0
-42.5°	130.2	102.3	77.0	53.3	34.0	17.1	3.0
-45°	128.5	102.0	77.0	53.2	33.9	17.1	3.0
-47.5°	126.4	101.5	76.7	53.0	33.8	17.1	3.0
-50°	125.0	100.7	76.1	52.8	33.6	17.1	3.0
-52.5°	123.4	99.7	75.4	52.6	33.3	17.0	3.0
-55°	121.5	98.2	74.5	52.3	32.9	16.9	3.0
-57.5°	119.2	96.4	73.3	51.8	32.5	16.8	3.0
-60°	116.6	94.5	72.0	51.2	32.0	16.6	3.0
-62.5°	113.9	92.3	70.9	50.4	31.5	16.4	3.0
-65°	110.9	89.8	69.6	49.5	31.0	16.2	3.0
-67.5°	107.6	87.4	68.1	48.5	30.4	16.0	3.0
-70°	104.1	84.9	66.5	47.4	29.7	15.7	3.0
-72.5°	100.4	82.2	64.7	46.3	28.9	15.4	3.0
-75°	96.5	79.3	62.7	45.0	28.1	15.1	3.0
-77.5°	92.3	76.2	60.8	43.7	27.2	14.7	3.0
-80°	87.9	73.2	58.7	42.3	26.3	14.3	3.0
-82.5°	84.1	70.3	56.5	40.8	25.3	13.9	3.0
-85°	80.3	67.2	54.2	39.1	24.3	13.5	3.0
-87.5°	76.3	64.0	51.8	37.4	23.2	13.0	3.0
-90°	3.0	3.0	3.0	3.0	3.0	3.0	3.0

(END OF REPORT)