

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: P1306236 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-2S-VHE-A**

Issue Date: 2/3/2026

Test Information

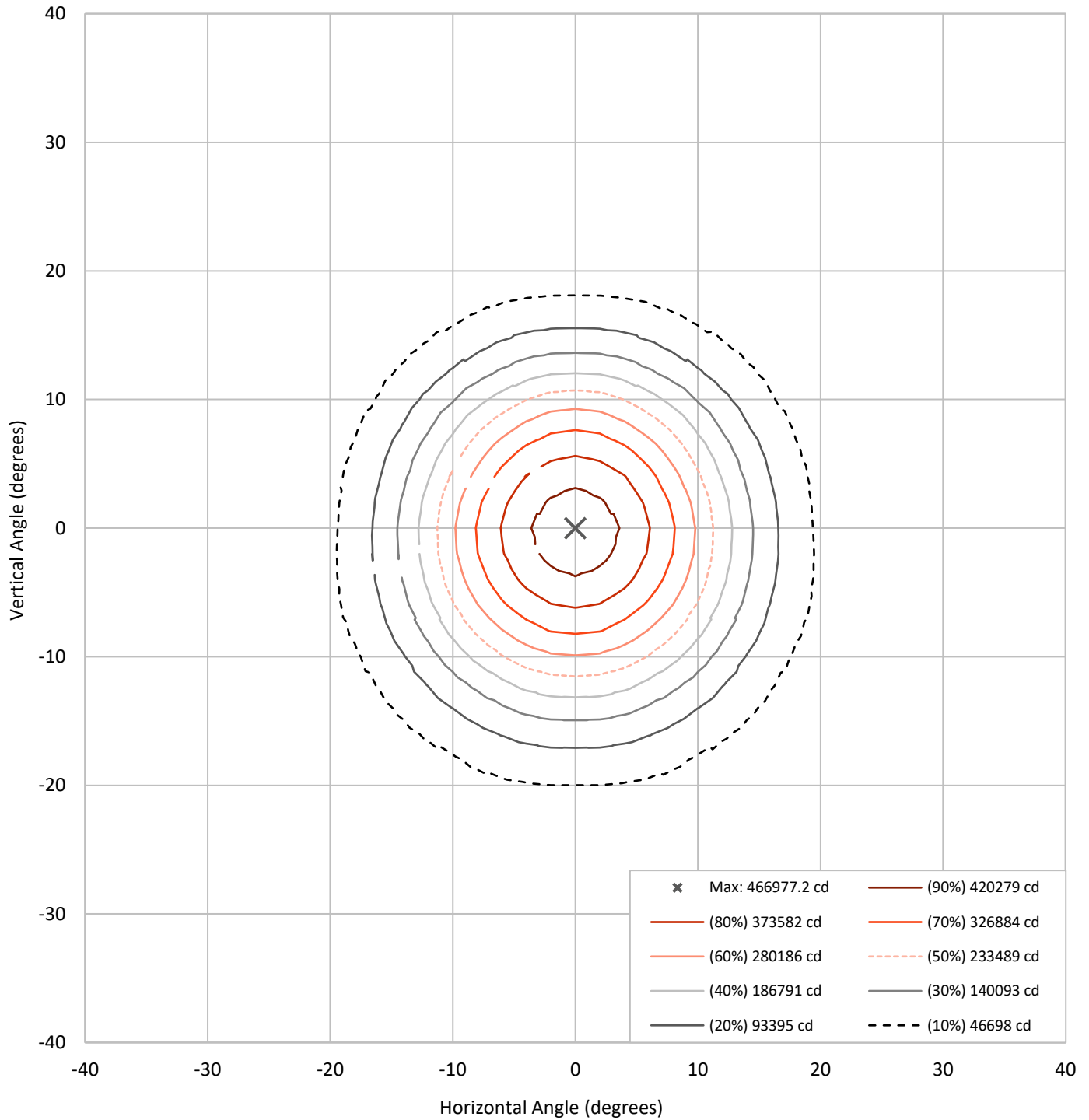
Test Method: LM-79-08
Report Number: P1306236 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-2S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	81620.7 lumens	Max Intensity:	466977.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	38140 lumens	Field Lumens:	67945.6 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	569		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





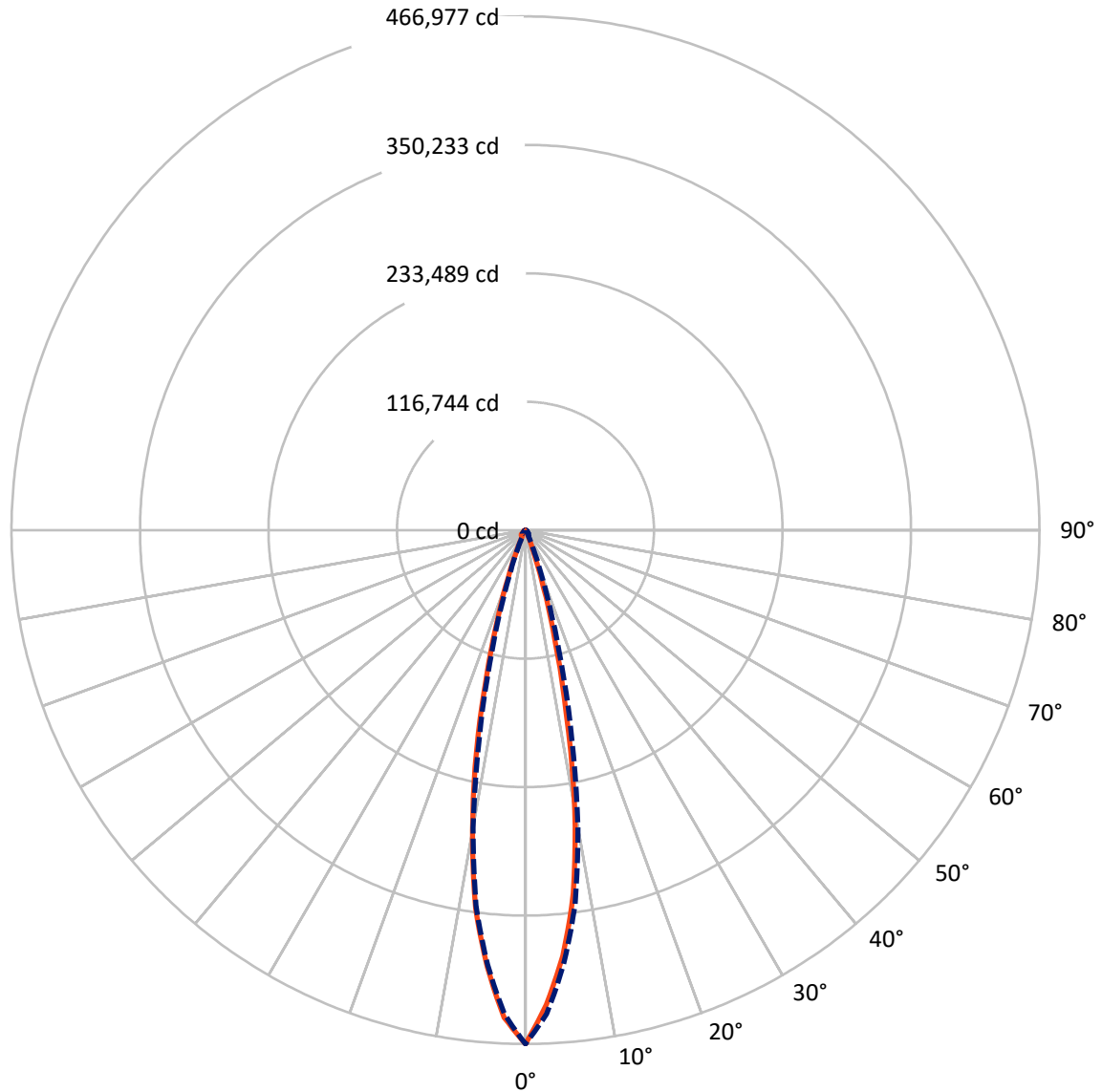
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Lumen Table

90	0.2	0.7	1.2	1.7	2.1	1.7	1.2	0.7	0.2										
80	0.2	0.7	1.2	1.7	2.1	1.7	1.2	0.7	0.2										
70	0.2	0.1	0.2	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.2	0.1	0.2			
60		0.3	0.7	1.0	0.8	0.7	0.8	0.9	0.9	0.8	0.7	0.8	1.0	0.7	0.3				
50	0.6	1.0	2.4	4.9	8.5	14.1	21.5	25.4	25.4	21.5	14.1	8.5	4.9	2.4	1.0	0.6			
40		2.5	8.0	15.5	30.4	52.9	64.3	71.3	71.3	64.3	52.9	30.4	15.5	8.0	2.5				
30	1.6	4.4	13.3	28.4	69.3	80.7	111.3	203.3	203.3	111.3	80.7	69.3	28.4	13.3	4.4	1.6			
20		5.8	17.3	49.7	97.8	143.7	911.4	2939.5	2939.5	911.4	143.7	97.8	49.7	17.3	5.8				
10	2.4	7.0	20.0	65.0	112.0	321.2	3228.7	9706.0	9706.0	3228.7	321.2	112.0	65.0	20.0	7.0	2.4			
0		7.7	22.1	68.6	123.2	368.4	3516.3	10093.9	10093.9	3516.3	368.4	123.2	68.6	22.1	7.7				
-10	2.5	7.8	23.0	66.1	129.7	210.8	1288.7	3775.2	3775.2	1288.7	210.8	129.7	66.1	23.0	7.8	2.5			
-20		7.2	22.6	50.5	122.3	167.6	232.9	465.8	465.8	232.9	167.6	122.3	50.5	22.6	7.2				
-30	2.1	6.1	19.8	39.5	85.5	150.5	176.3	184.9	184.9	176.3	150.5	85.5	39.5	19.8	6.1	2.1			
-40		4.7	15.0	32.0	51.0	78.4	119.2	149.6	149.6	119.2	78.4	51.0	32.0	15.0	4.7				
-50	1.7	3.0	9.5	20.9	35.7	48.3	57.6	63.7	63.7	57.6	48.3	35.7	20.9	9.5	3.0	1.7			
-60		2.1	4.8	10.5	18.2	25.6	32.2	36.2	36.2	32.2	25.6	18.2	10.5	4.8	2.1				
-70	1.2	7.5	18.1	30.3	37.0	30.3	18.1	7.5	1.2							1.2			
-80		7.5	18.1	30.3	37.0	30.3	18.1	7.5	1.2										
-90	1.2	7.5	18.1	30.3	37.0	30.3	18.1	7.5	1.2										

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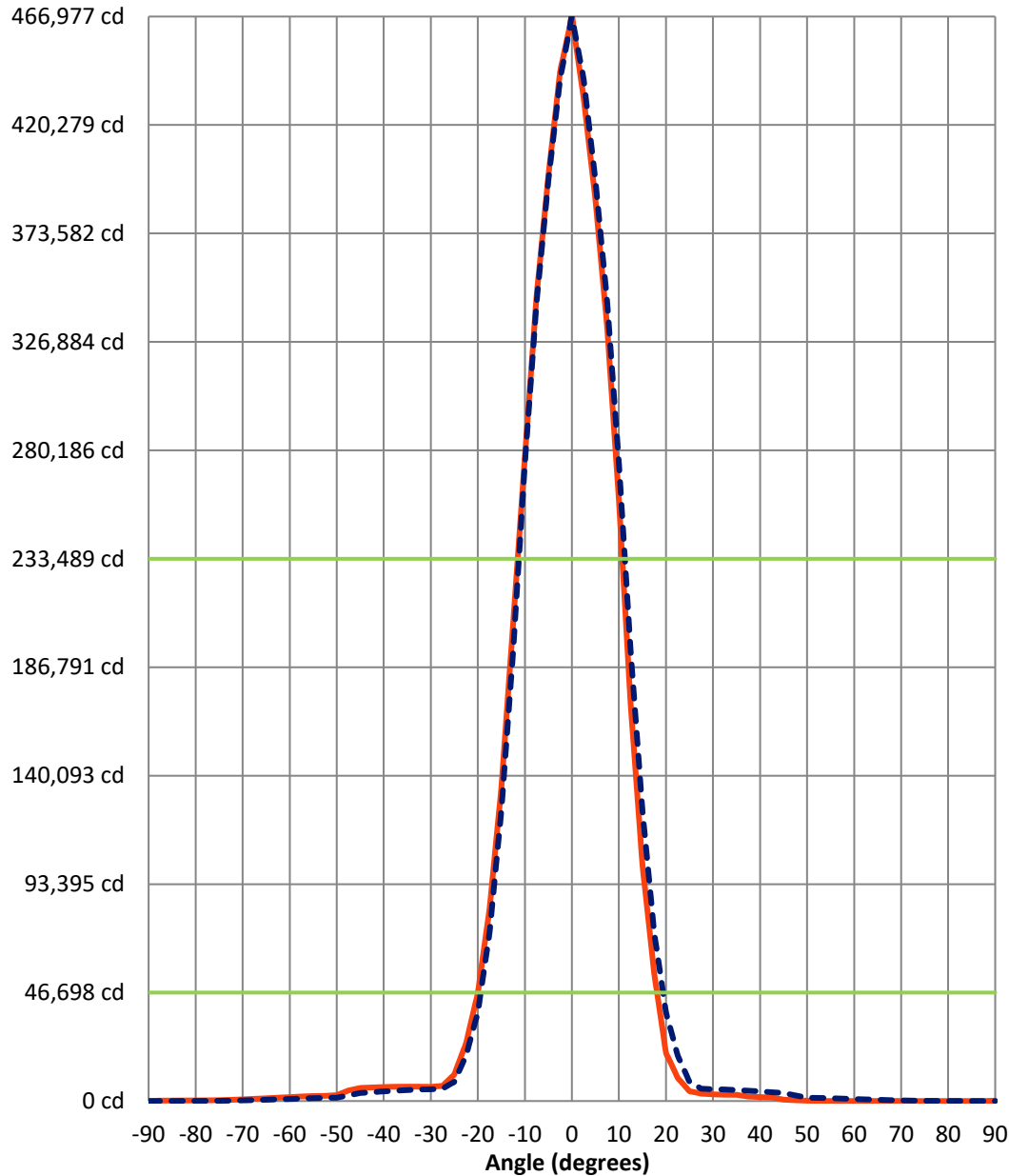
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.5°
 V Angle: 22.2°
 Lumens: 38140
 Efficiency: 46.7%

Field:
 H Angle: 38.8°
 V Angle: 38.1°
 Lumens: 67945.6
 Efficiency: 83.2%

Spill:
 Lumens: 13675.1
 Efficiency: 16.8%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.8	10.0	15.2	26.2	37.2	46.7	56.2	63.4	70.5	76.3	82.0
87.5°	4.8	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.8	4.8
85°	4.8	5.0	5.1	5.2	5.1	5.2	5.3	5.1	4.8	4.8	4.8
82.5°	4.8	5.2	5.3	5.4	5.3	5.4	5.5	5.2	4.9	5.0	5.0
80°	4.8	5.3	5.5	5.5	5.4	5.6	5.7	5.6	5.5	5.6	5.5
77.5°	4.8	5.4	5.6	5.7	5.6	5.8	6.0	6.0	6.2	6.1	5.9
75°	4.8	5.5	5.8	5.9	5.8	6.1	6.3	6.4	6.7	6.6	6.4
72.5°	4.8	5.7	6.0	6.1	6.2	6.5	6.6	6.8	7.1	7.0	6.8
70°	4.8	5.8	6.2	6.3	6.5	6.8	6.9	7.3	7.5	7.4	7.3
67.5°	4.8	5.9	6.4	6.6	6.8	7.2	7.5	7.8	7.9	8.1	7.9
65°	4.8	6.0	6.6	6.8	7.2	7.6	8.1	8.3	8.9	8.8	8.8
62.5°	4.8	6.2	6.8	7.1	7.5	8.2	8.7	9.3	10.0	9.8	10.2
60°	4.8	6.3	7.0	7.3	7.8	8.8	9.3	10.6	11.2	11.8	12.0
57.5°	4.8	6.4	7.2	7.6	8.5	9.4	10.8	12.1	13.5	14.2	16.0
55°	4.8	6.5	7.5	7.8	9.2	10.0	12.6	13.9	16.3	17.7	21.4
52.5°	4.8	6.7	7.8	8.1	9.9	10.8	14.5	16.8	19.3	24.3	27.4
50°	4.8	6.8	8.1	8.3	10.7	12.8	16.5	20.1	23.7	31.5	39.2
47.5°	4.8	6.9	8.5	8.6	11.5	14.9	18.8	23.5	31.0	39.4	53.2
45°	4.8	7.0	8.8	9.3	12.3	17.0	21.8	27.0	39.1	53.5	68.5
42.5°	4.8	7.1	9.2	9.9	13.2	19.2	24.9	32.9	47.7	68.6	93.2
40°	4.8	7.2	9.7	10.9	14.6	21.5	28.3	40.8	58.8	84.8	121.2
37.5°	4.8	7.4	10.1	12.0	16.4	23.9	31.8	48.9	74.6	105.8	151.2
35°	4.8	7.5	10.5	13.2	18.1	26.6	35.5	57.3	91.1	133.8	184.8
32.5°	4.8	7.6	11.0	14.4	19.9	29.5	40.2	65.9	108.4	162.3	220.5
30°	4.8	7.7	11.5	15.6	21.7	32.4	47.3	75.9	126.4	191.1	254.4
27.5°	4.8	7.8	12.0	16.9	24.0	35.3	54.3	89.2	144.8	220.0	286.6
25°	4.8	7.9	12.5	18.2	26.4	38.2	61.1	101.7	164.1	247.5	317.1
22.5°	4.8	8.0	13.0	19.5	28.6	41.2	67.9	113.5	181.9	266.1	350.2
20°	4.8	8.1	13.5	20.8	30.8	44.2	74.4	124.5	198.1	283.3	375.9
17.5°	4.8	8.2	14.0	22.1	32.8	47.2	80.3	134.7	212.8	299.2	400.3
15°	4.8	8.2	14.5	23.4	34.8	50.1	85.7	143.7	226.0	313.6	423.7
12.5°	4.8	8.3	15.0	24.7	36.7	52.8	90.6	151.3	238.4	326.5	445.9
10°	4.8	8.4	15.5	26.0	38.6	55.3	95.0	158.1	250.2	342.4	468.8
7.5°	4.8	8.4	15.9	27.2	40.3	57.7	98.9	164.0	260.8	357.9	494.8
5°	4.8	8.5	16.4	28.3	41.9	59.9	102.3	169.0	270.0	372.1	518.6
2.5°	4.8	8.6	16.8	29.5	43.4	62.0	105.3	173.1	277.8	384.7	540.0
0°	4.8	8.6	17.2	30.5	44.8	63.9	107.7	176.3	284.0	395.5	558.5
-2.5°	4.8	9.0	18.1	31.8	46.8	66.5	111.1	182.7	292.7	406.9	568.2
-5°	4.8	9.3	19.0	33.1	48.6	69.0	114.0	188.1	299.5	416.2	574.7
-7.5°	4.8	9.7	19.8	34.3	50.3	71.2	116.4	192.3	304.5	423.3	578.2
-10°	4.8	10.0	20.6	35.4	51.9	73.3	118.2	195.2	307.5	428.0	578.8
-12.5°	4.8	10.3	21.3	36.4	53.4	75.1	119.4	196.7	308.4	429.9	578.1
-15°	4.8	10.7	22.0	37.3	54.7	76.6	120.0	196.7	306.2	426.4	574.1
-17.5°	4.8	10.9	22.6	38.2	55.8	77.9	119.9	194.6	300.5	420.4	565.6
-20°	4.8	11.2	23.2	38.9	56.8	79.0	119.4	191.0	292.9	411.9	552.3



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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°	4.8	11.5	23.7	39.5	57.6	79.8	118.5	186.0	283.5	400.7	534.8
-25°	4.8	11.7	24.1	40.1	58.3	80.5	116.9	179.8	272.1	387.0	517.5
-27.5°	4.8	11.9	24.5	40.6	58.8	81.0	114.6	172.3	258.9	375.7	505.3
-30°	4.8	12.1	24.8	40.9	59.1	81.3	111.6	163.5	248.3	363.0	490.2
-32.5°	4.8	12.3	25.1	41.2	59.6	81.3	107.8	158.1	239.4	347.6	471.7
-35°	4.8	12.5	25.3	41.3	59.9	81.1	106.3	153.4	228.3	329.3	449.9
-37.5°	4.8	12.6	25.4	41.4	60.0	80.8	105.7	148.0	215.0	308.4	426.3
-40°	4.8	12.7	25.5	41.4	60.0	80.7	104.8	141.4	199.5	289.4	399.8
-42.5°	4.8	12.8	25.5	41.3	59.9	80.5	103.5	133.5	187.7	269.1	369.7
-45°	4.8	12.8	25.4	41.3	59.9	80.0	101.9	127.4	177.2	246.1	337.2
-47.5°	4.8	12.9	25.2	41.1	59.7	79.4	99.9	125.0	165.1	220.7	308.2
-50°	4.8	12.9	25.0	40.9	59.3	78.6	98.5	122.1	151.4	204.9	276.0
-52.5°	4.8	12.9	24.7	40.6	58.8	77.5	97.1	118.8	144.2	187.5	241.7
-55°	4.8	12.8	24.3	40.2	58.1	76.5	95.4	115.2	139.6	168.7	218.7
-57.5°	4.8	12.7	23.9	39.7	57.2	75.2	93.5	112.8	134.6	159.6	194.6
-60°	4.8	12.7	23.4	39.0	56.3	73.7	91.4	110.2	129.4	153.0	174.8
-62.5°	4.8	12.5	23.0	38.3	55.2	72.0	89.1	107.1	125.6	145.6	165.8
-65°	4.8	12.4	22.6	37.4	53.9	70.1	86.6	103.8	121.5	139.3	156.3
-67.5°	4.8	12.2	22.1	36.5	52.5	68.0	83.8	100.2	116.9	133.3	148.4
-70°	4.8	12.1	21.5	35.4	51.0	65.8	80.8	96.5	112.4	126.9	141.1
-72.5°	4.8	11.9	20.8	34.5	49.3	63.4	77.7	92.5	107.7	121.0	133.5
-75°	4.8	11.6	20.2	33.5	47.5	60.9	74.4	88.3	102.7	114.8	126.3
-77.5°	4.8	11.4	19.4	32.5	46.0	58.2	71.0	83.9	97.3	108.2	118.8
-80°	4.8	11.2	18.6	31.4	44.4	55.9	67.4	79.3	91.6	101.2	110.7
-82.5°	4.8	10.9	17.8	30.2	42.7	53.7	64.6	74.9	85.7	94.0	102.3
-85°	4.8	10.6	17.0	28.9	41.0	51.5	61.9	71.2	80.7	87.7	94.6
-87.5°	4.8	10.3	16.1	27.6	39.1	49.1	59.1	67.3	75.7	82.0	88.4
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



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 CATALOG NUMBER: EPH-08-530N-57-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	86.3	90.5	94.4	98.2	102.5	106.7	111.5	116.3	121.1	125.8	129.6
87.5°	4.5	4.3	4.3	4.4	4.1	3.8	3.8	3.8	3.4	2.9	2.9
85°	4.8	4.8	4.8	4.8	4.4	4.1	4.0	3.8	3.6	3.4	3.4
82.5°	5.1	5.2	5.1	4.8	4.7	4.7	4.4	4.0	4.0	4.1	4.0
80°	5.6	5.7	5.4	5.1	5.0	4.8	4.7	4.6	4.7	4.8	4.5
77.5°	5.9	5.8	5.6	5.6	5.4	5.1	5.1	5.3	5.2	4.9	4.8
75°	6.2	5.9	5.8	5.8	5.6	5.6	5.7	5.7	5.5	5.4	5.3
72.5°	6.6	6.4	6.2	5.9	5.9	5.8	5.7	5.7	6.6	8.0	9.0
70°	7.1	6.9	6.7	6.5	6.4	6.4	7.5	9.6	12.0	13.9	16.3
67.5°	7.6	7.6	7.3	7.3	7.8	8.9	10.6	16.9	23.2	25.5	26.6
65°	8.5	8.3	8.3	8.9	9.4	14.3	20.6	28.0	35.9	37.4	35.9
62.5°	9.6	10.6	10.3	12.0	16.3	22.2	30.2	38.7	47.7	45.6	38.0
60°	13.1	13.8	15.3	19.0	23.9	30.6	39.5	43.0	46.8	47.5	36.9
57.5°	17.8	19.7	23.3	27.1	33.7	37.4	38.7	38.8	44.2	44.6	33.8
55°	24.7	28.0	33.4	38.0	42.2	38.1	38.1	41.6	43.5	40.2	30.1
52.5°	35.5	39.0	47.5	51.0	48.7	45.3	44.5	47.5	45.8	40.9	34.8
50°	47.5	57.7	63.3	66.1	60.8	60.1	55.2	58.0	59.8	57.1	59.7
47.5°	66.8	79.2	83.8	88.0	83.6	88.2	83.6	97.2	97.5	131.1	135.0
45°	90.4	107.1	112.5	122.1	129.5	133.8	160.4	162.2	233.4	261.4	321.5
42.5°	118.0	139.8	158.7	163.5	208.4	229.9	267.5	336.2	402.0	458.7	490.7
40°	153.3	176.5	216.2	260.5	311.6	361.8	417.8	498.6	568.1	598.6	614.8
37.5°	192.1	236.7	289.5	363.6	439.5	497.3	563.8	639.7	686.0	702.1	705.8
35°	233.7	298.0	386.5	464.3	545.6	623.1	685.2	757.8	773.3	786.2	857.7
32.5°	284.3	359.3	463.6	551.0	633.3	722.1	784.9	827.8	852.5	899.8	1132.7
30°	335.0	423.1	526.3	619.1	715.1	799.5	859.4	901.0	929.3	1152.0	1635.7
27.5°	376.7	477.9	580.4	688.3	794.3	879.0	936.5	974.4	1138.9	1508.2	2253.0
25°	414.6	520.9	634.6	764.8	876.3	954.7	1013.6	1051.1	1419.1	2173.2	2689.7
22.5°	450.1	562.6	695.9	845.5	957.9	1024.4	1081.1	1284.8	1842.0	2847.0	3124.8
20°	484.8	612.6	762.5	914.0	1034.3	1083.7	1143.1	1546.8	2386.0	3106.3	3410.6
17.5°	520.7	664.0	825.2	966.6	1074.2	1136.4	1231.7	1800.8	2845.3	3333.3	3553.5
15°	556.7	712.4	876.4	1012.9	1113.4	1188.1	1434.3	2164.9	3129.8	3582.8	3790.2
12.5°	591.9	754.8	914.8	1052.6	1154.5	1237.1	1619.6	2541.2	3386.9	3827.8	4102.3
10°	625.9	791.5	947.7	1090.9	1194.7	1284.6	1806.8	2909.1	3619.0	3987.6	4217.7
7.5°	655.5	821.4	976.1	1127.7	1232.3	1331.3	2012.1	3153.1	3717.8	4089.1	4276.1
5°	680.7	845.0	1004.9	1168.7	1271.3	1374.3	2198.5	3314.1	3755.4	4151.7	4337.2
2.5°	702.0	864.0	1029.8	1207.1	1309.7	1410.6	2329.2	3416.1	3780.9	4175.7	4397.2
0°	719.5	878.7	1050.3	1240.9	1344.7	1442.9	2426.5	3465.3	3789.3	4166.7	4453.6
-2.5°	730.8	900.2	1088.4	1273.5	1373.5	1469.9	2422.4	3494.2	3799.7	4214.8	4671.4
-5°	738.4	917.0	1120.3	1301.0	1399.5	1493.8	2381.0	3473.1	3822.7	4288.0	4813.7
-7.5°	742.3	928.3	1144.9	1323.1	1424.0	1520.4	2329.8	3424.2	3940.1	4438.4	4903.1
-10°	743.5	935.0	1149.9	1333.8	1446.7	1546.7	2245.4	3321.6	4032.9	4501.4	4929.0
-12.5°	748.5	938.2	1147.2	1338.1	1466.1	1570.7	2141.2	3253.6	4157.5	4540.3	4919.6
-15°	748.0	937.0	1139.5	1336.8	1489.7	1602.7	2002.5	3093.0	4233.5	4549.0	4894.2
-17.5°	741.7	931.6	1127.8	1332.3	1512.2	1626.7	1806.9	2762.8	4016.4	4510.5	4864.3
-20°	729.2	919.9	1111.4	1317.9	1524.7	1649.0	1783.6	2473.7	3569.6	4408.5	4807.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	711.4	902.8	1091.2	1293.7	1518.8	1674.2	1799.9	2192.5	3128.2	4257.3	4716.5
-25°	690.5	878.9	1067.9	1280.6	1510.0	1698.2	1803.3	1931.1	2744.2	3756.7	4558.9
-27.5°	667.4	849.4	1042.3	1252.8	1496.4	1693.9	1801.9	1922.6	2335.3	3141.0	4308.0
-30°	640.6	816.2	1006.8	1212.5	1448.1	1648.3	1797.6	1897.4	2023.5	2658.1	3653.4
-32.5°	610.9	778.7	964.7	1166.9	1386.1	1597.4	1772.7	1877.3	1987.9	2205.2	3007.5
-35°	581.9	742.5	918.2	1114.3	1322.7	1528.3	1707.6	1856.1	1949.0	2071.2	2437.4
-37.5°	554.9	702.0	867.2	1056.9	1258.5	1442.4	1636.4	1797.3	1924.5	2013.0	2161.2
-40°	523.8	656.6	815.1	992.6	1173.7	1348.8	1533.3	1714.2	1870.5	1987.1	2075.4
-42.5°	488.7	615.7	759.0	916.7	1084.1	1250.7	1425.2	1604.5	1775.9	1929.7	2039.1
-45°	450.7	569.9	698.9	842.1	990.6	1149.4	1315.6	1485.2	1655.4	1825.0	1960.0
-47.5°	406.7	519.6	642.0	762.4	899.4	1045.3	1199.7	1359.2	1516.6	1680.3	1835.6
-50°	360.9	465.3	577.0	688.2	807.0	938.9	1080.4	1229.3	1378.6	1529.7	1679.5
-52.5°	319.3	406.1	509.1	613.8	718.8	831.6	959.6	1095.5	1236.3	1378.8	1509.9
-55°	275.0	353.1	437.7	535.8	634.3	732.4	836.4	959.4	1087.0	1219.2	1336.7
-57.5°	240.9	299.7	372.6	453.7	545.4	638.2	729.5	821.9	935.9	1053.4	1152.2
-60°	212.6	255.0	310.9	379.5	452.4	538.2	624.0	709.8	798.0	882.1	973.4
-62.5°	186.6	221.2	260.6	308.5	371.8	438.1	514.3	593.3	674.0	746.5	813.6
-65°	175.5	192.1	221.6	257.4	293.7	350.3	411.3	473.5	543.5	607.8	668.3
-67.5°	163.7	179.0	194.3	213.2	245.8	279.3	313.0	367.9	422.8	472.5	521.9
-70°	154.2	166.0	179.6	193.3	207.4	226.7	256.7	287.8	318.9	353.2	394.9
-72.5°	144.9	155.5	166.4	177.0	189.6	202.9	216.7	230.7	252.2	278.6	302.5
-75°	136.0	144.8	154.6	164.4	174.3	184.4	195.6	208.6	221.5	234.3	246.3
-77.5°	127.4	135.5	143.6	151.9	160.5	169.4	179.2	189.5	200.1	210.6	219.9
-80°	118.4	126.0	132.9	140.0	147.7	155.4	163.6	172.0	181.3	191.0	199.4
-82.5°	108.6	115.0	121.3	127.6	134.6	141.7	148.7	155.7	163.4	171.2	178.2
-85°	99.3	103.8	109.2	114.7	121.0	127.3	133.3	139.2	145.9	152.5	158.0
-87.5°	92.8	97.2	101.5	105.8	110.8	115.8	120.8	125.7	131.2	136.7	140.9
-90°	4.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.9	2.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	133.4	136.3	139.1	140.6	142.0	144.9	147.7	152.0	156.3	161.1	165.8
87.5°	2.9	2.9	2.9	2.8	2.8	2.4	1.9	1.9	1.9	1.9	1.9
85°	3.5	3.5	3.6	3.3	2.9	2.8	2.8	2.8	2.8	2.4	1.9
82.5°	3.8	3.8	3.8	3.7	3.6	3.3	2.9	2.9	2.9	2.9	2.9
80°	4.1	4.0	3.8	3.8	3.8	3.7	3.6	3.3	2.9	3.3	3.7
77.5°	4.8	4.5	4.2	4.1	3.9	3.6	3.2	3.0	2.9	2.9	3.0
75°	5.0	5.1	5.7	5.8	5.6	5.1	4.4	4.3	4.4	4.2	3.8
72.5°	9.7	10.2	10.5	11.4	11.9	12.5	13.5	15.4	17.5	19.5	21.5
70°	19.5	22.2	22.8	22.9	22.9	23.5	24.5	25.7	27.1	28.4	29.5
67.5°	30.0	32.4	32.7	33.2	32.4	31.0	29.7	29.7	31.5	33.5	35.7
65°	36.6	34.2	32.4	32.0	31.4	29.8	27.3	25.5	25.1	24.7	24.8
62.5°	32.9	28.1	26.5	26.1	24.6	22.7	19.4	16.7	15.3	14.5	14.6
60°	28.5	22.9	19.5	18.0	15.6	13.3	11.3	9.2	8.6	8.3	8.4
57.5°	23.4	17.5	13.4	12.8	11.1	8.7	7.2	5.7	5.5	5.5	5.8
55°	21.6	18.3	15.3	14.3	12.3	11.2	9.7	7.7	7.2	7.7	8.5
52.5°	27.9	26.2	24.8	24.9	27.4	25.4	18.9	26.6	30.9	30.9	29.5
50°	61.2	55.1	78.5	75.6	94.4	107.1	97.2	109.2	126.2	138.2	146.6
47.5°	174.7	181.1	209.2	233.6	253.2	275.3	297.6	311.0	314.5	336.7	352.0
45°	351.8	372.9	404.1	420.0	450.9	487.5	513.1	524.7	592.0	675.8	730.0
42.5°	510.5	526.8	551.4	607.2	663.9	789.1	932.9	937.9	1067.8	1182.8	1300.5
40°	621.5	652.2	739.7	872.2	1177.9	1416.4	1586.1	1752.5	1780.2	1726.2	1755.7
37.5°	765.3	874.8	1096.6	1453.9	1718.4	1957.9	2054.4	2066.9	2100.5	2121.6	2088.2
35°	1036.2	1401.1	1585.0	1888.8	2081.2	2127.9	2157.0	2185.8	2213.3	2232.1	2252.6
32.5°	1629.5	2081.5	2105.8	2183.9	2219.8	2261.3	2292.1	2310.2	2322.7	2339.1	2395.0
30°	2267.2	2372.5	2381.2	2375.0	2387.4	2415.4	2435.5	2468.5	2501.3	2539.1	2662.8
27.5°	2565.0	2645.6	2620.5	2577.5	2556.2	2578.5	2633.5	2684.7	2780.1	2880.4	3058.0
25°	2894.7	2948.1	2917.5	2841.1	2793.3	2824.8	2907.5	3005.3	3187.6	3348.4	3675.1
22.5°	3247.7	3347.0	3314.9	3292.2	3191.4	3206.4	3271.7	3492.2	3948.4	4670.6	6170.2
20°	3521.5	3642.9	3658.3	3658.8	3637.6	3643.8	3795.4	4506.4	5840.2	10031.3	13746.6
17.5°	3724.5	3795.7	3881.2	3916.2	3957.8	4079.1	4887.7	7347.5	13107.2	20815.7	26718.5
15°	3987.6	4078.7	4171.3	4229.9	4323.9	4990.8	7058.4	14613.3	25087.0	38170.3	54893.1
12.5°	4198.2	4310.5	4384.0	4430.4	4647.0	6401.5	13595.3	24471.2	40812.8	61114.9	91232.1
10°	4314.8	4402.3	4502.6	4663.5	5546.4	9285.5	19172.2	34388.3	59508.9	96078.0	136191.4
7.5°	4372.8	4486.0	4653.8	4898.3	6564.7	13555.1	26672.1	48539.1	82850.3	128386.0	184278.0
5°	4440.3	4649.7	4849.4	5129.3	7355.5	16638.0	32633.9	60608.2	103201.4	158905.5	227932.5
2.5°	4549.4	4864.4	4993.0	5262.0	7832.0	18622.6	36188.9	70047.9	118398.1	183810.5	261309.6
0°	4721.4	4983.5	5060.7	5331.3	8311.5	19604.2	38277.2	72636.4	125167.3	193509.2	274455.3
-2.5°	4915.8	5079.4	5165.0	5466.7	8552.3	20605.5	39920.2	74375.6	123555.2	190278.4	269516.6
-5°	5042.5	5172.5	5255.4	5550.3	8526.0	19604.2	38084.4	69262.0	114129.9	173808.3	244652.8
-7.5°	5128.9	5264.2	5350.9	5621.1	8021.9	16942.0	33637.9	59702.9	96990.7	145934.8	207126.6
-10°	5213.2	5360.9	5474.6	5688.1	7099.9	12933.4	26402.1	45041.5	75852.8	114795.3	160546.6
-12.5°	5289.2	5471.8	5618.0	5716.4	6234.0	9837.3	19402.3	34451.8	54598.1	83668.1	117147.6
-15°	5327.7	5546.1	5709.8	5818.2	6118.4	7778.5	12564.0	22797.4	38118.2	56149.7	77934.9
-17.5°	5261.4	5587.1	5744.7	5864.0	5962.7	6389.3	8862.5	13993.9	23563.0	35375.1	46017.1
-20°	5155.9	5591.6	5770.1	5930.7	6042.9	6159.2	6474.2	8911.8	12804.7	20051.4	27144.1



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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°	5066.8	5471.9	5844.4	6018.0	6147.0	6155.6	6165.2	6458.7	7978.8	10420.2	14172.3
-25°	5005.0	5388.3	5821.8	6090.6	6180.0	6183.2	6134.4	6079.9	6252.2	6425.5	7796.4
-27.5°	4900.4	5316.2	5723.6	6051.4	6183.9	6179.4	6142.4	6106.0	6046.3	6007.3	6155.2
-30°	4772.5	5190.4	5569.7	5899.3	6095.7	6156.0	6130.8	6103.7	6085.3	6072.3	6045.8
-32.5°	4090.8	5035.7	5355.2	5654.3	5934.6	6057.4	6112.1	6099.4	6082.8	6075.7	6080.4
-35°	3341.5	4317.0	5146.6	5359.8	5603.1	5847.4	6019.8	6058.8	6076.0	6073.0	6080.6
-37.5°	2562.1	3441.0	4256.1	4937.5	5230.3	5484.3	5734.9	5900.8	6000.4	6017.7	6041.1
-40°	2208.2	2456.6	3228.8	3913.6	4483.4	5007.9	5273.2	5560.1	5783.9	5874.0	5921.3
-42.5°	2114.6	2213.3	2314.7	2817.0	3406.8	3906.8	4402.2	4894.6	5303.3	5534.4	5684.8
-45°	2073.8	2128.9	2187.4	2268.2	2340.7	2763.0	3217.8	3697.6	4234.7	4635.9	5009.6
-47.5°	1955.1	2065.9	2121.8	2156.1	2181.6	2237.4	2287.2	2422.4	2869.4	3221.0	3610.9
-50°	1798.0	1910.8	2002.1	2083.4	2111.1	2124.0	2139.0	2183.9	2255.3	2307.3	2385.8
-52.5°	1616.2	1722.0	1823.8	1910.9	1973.0	2026.5	2077.6	2113.0	2141.9	2171.9	2200.4
-55°	1442.5	1532.5	1619.8	1701.5	1775.6	1837.4	1898.2	1955.9	2010.2	2061.2	2108.8
-57.5°	1251.9	1341.8	1422.1	1495.4	1558.6	1610.0	1670.0	1733.8	1793.5	1846.4	1898.1
-60°	1059.5	1141.3	1218.1	1287.5	1345.3	1390.7	1449.0	1506.2	1560.8	1610.1	1653.4
-62.5°	878.6	948.5	1014.6	1075.8	1130.6	1179.4	1228.3	1277.3	1328.9	1375.1	1415.8
-65°	725.7	781.5	828.5	872.2	909.0	953.1	1000.2	1044.0	1089.5	1132.2	1171.2
-67.5°	572.2	619.5	658.9	696.6	727.4	758.4	793.4	826.8	858.8	892.1	924.6
-70°	431.8	465.1	490.0	515.8	546.1	574.4	602.6	630.9	657.6	686.9	717.0
-72.5°	322.3	338.4	354.8	375.7	393.8	414.3	434.6	456.4	478.5	499.7	519.5
-75°	257.9	268.3	280.6	290.8	298.6	308.6	319.9	333.6	347.3	361.1	374.1
-77.5°	229.5	236.6	242.2	246.6	250.5	255.5	260.7	270.3	280.6	292.1	303.7
-80°	207.5	212.0	215.9	219.1	222.0	226.2	230.5	238.9	247.8	256.3	264.6
-82.5°	185.1	188.9	192.1	194.9	197.6	201.5	205.6	212.3	219.1	227.4	235.7
-85°	163.3	166.7	169.8	172.4	174.8	178.0	181.1	187.3	193.6	200.3	206.9
-87.5°	145.1	147.9	150.7	152.8	154.9	157.6	160.3	165.2	170.1	175.5	180.8
-90°	2.9	2.9	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.5	1.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	166.3	166.8	166.8	166.8	166.8	166.8	166.3	165.8	161.1	156.3	152.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4	2.8	2.8
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.3	2.9	3.3
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	3.0
75°	3.4	2.9	2.9	2.9	2.9	2.9	3.4	3.8	4.2	4.4	4.3
72.5°	23.3	25.0	26.0	26.7	26.0	25.0	23.3	21.5	19.5	17.5	15.4
70°	30.1	30.3	30.5	30.5	30.5	30.3	30.1	29.5	28.4	27.1	25.7
67.5°	37.0	37.8	38.0	38.1	38.0	37.8	37.0	35.7	33.5	31.5	29.7
65°	23.6	21.9	20.3	19.1	20.3	21.9	23.6	24.8	24.7	25.1	25.5
62.5°	14.2	13.7	13.4	13.3	13.4	13.7	14.2	14.6	14.5	15.3	16.7
60°	8.5	8.7	8.2	7.6	8.2	8.7	8.5	8.4	8.3	8.6	9.2
57.5°	6.2	6.6	7.1	7.6	7.1	6.6	6.2	5.8	5.5	5.5	5.7
55°	9.2	10.0	10.8	11.4	10.8	10.0	9.2	8.5	7.7	7.2	7.7
52.5°	26.6	23.9	23.0	23.8	23.0	23.9	26.6	29.5	30.9	30.9	26.6
50°	150.9	154.0	157.7	162.0	157.7	154.0	150.9	146.6	138.2	126.2	109.2
47.5°	356.4	349.6	343.3	341.2	343.3	349.6	356.4	352.0	336.7	314.5	311.0
45°	675.6	625.9	600.6	615.7	600.6	625.9	675.6	730.0	675.8	592.0	524.7
42.5°	1363.6	1437.2	1494.7	1522.0	1494.7	1437.2	1363.6	1300.5	1182.8	1067.8	937.9
40°	1709.5	1681.8	1696.7	1719.3	1696.7	1681.8	1709.5	1755.7	1726.2	1780.2	1752.5
37.5°	2104.5	2113.7	2047.2	1938.5	2047.2	2113.7	2104.5	2088.2	2121.6	2100.5	2066.9
35°	2296.1	2414.5	2636.3	2689.5	2636.3	2414.5	2296.1	2252.6	2232.1	2213.3	2185.8
32.5°	2535.9	2658.8	2696.5	2711.4	2696.5	2658.8	2535.9	2395.0	2339.1	2322.7	2310.2
30°	2822.5	2878.0	2864.1	2884.9	2864.1	2878.0	2822.5	2662.8	2539.1	2501.3	2468.5
27.5°	3136.5	3169.0	3158.4	3186.0	3158.4	3169.0	3136.5	3058.0	2880.4	2780.1	2684.7
25°	3947.0	4203.1	4189.8	4249.6	4189.8	4203.1	3947.0	3675.1	3348.4	3187.6	3005.3
22.5°	7995.8	8901.1	9443.2	9967.9	9443.2	8901.1	7995.8	6170.2	4670.6	3948.4	3492.2
20°	17865.4	20474.5	21042.4	20835.5	21042.4	20474.5	17865.4	13746.6	10031.3	5840.2	4506.4
17.5°	38348.7	48758.6	54348.1	54969.8	54348.1	48758.6	38348.7	26718.5	20815.7	13107.2	7347.5
15°	72169.8	90364.0	100694.2	101779.6	100694.2	90364.0	72169.8	54893.1	38170.3	25087.0	14613.3
12.5°	117980.2	146954.5	168225.0	170598.1	168225.0	146954.5	117980.2	91232.1	61114.9	40812.8	24471.2
10°	180729.8	219902.9	250879.6	258426.0	250879.6	219902.9	180729.8	136191.4	96078.0	59508.9	34388.3
7.5°	243360.3	288064.8	324522.2	333100.0	324522.2	288064.8	243360.3	184278.0	128386.0	82850.3	48539.1
5°	292320.6	349519.0	378612.7	388225.1	378612.7	349519.0	292320.6	227932.5	158905.5	103201.4	60608.2
2.5°	329640.4	383649.5	417804.6	431818.0	417804.6	383649.5	329640.4	261309.6	183810.5	118398.1	70047.9
0°	344046.7	396435.6	439930.3	466977.2	439930.3	396435.6	344046.7	274455.3	193509.2	125167.3	72636.4
-2.5°	338399.7	388841.1	425806.3	443351.2	425806.3	388841.1	338399.7	269516.6	190278.4	123555.2	74375.6
-5°	309852.1	360756.7	389337.2	398390.3	389337.2	360756.7	309852.1	244652.8	173808.3	114129.9	69262.0
-7.5°	262012.6	306820.0	340708.8	346783.4	340708.8	306820.0	262012.6	207126.6	145934.8	96990.7	59702.9
-10°	207660.9	246449.5	272302.2	277192.4	272302.2	246449.5	207660.9	160546.6	114795.3	75852.8	45041.5
-12.5°	147200.6	181272.3	201712.2	205483.9	201712.2	181272.3	147200.6	117147.6	83668.1	54598.1	34451.8
-15°	100030.2	121252.8	133641.2	134892.2	133641.2	121252.8	100030.2	77934.9	56149.7	38118.2	22797.4
-17.5°	62589.0	75212.7	82934.0	83005.5	82934.0	75212.7	62589.0	46017.1	35375.1	23563.0	13993.9
-20°	36235.3	42259.3	46579.1	46561.1	46579.1	42259.3	36235.3	27144.1	20051.4	12804.7	8911.8



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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°	18879.0	22459.4	25064.1	24945.0	25064.1	22459.4	18879.0	14172.3	10420.2	7978.8	6458.7
-25°	9270.5	10641.2	11553.5	11482.3	11553.5	10641.2	9270.5	7796.4	6425.5	6252.2	6079.9
-27.5°	6282.6	6433.4	6537.5	6548.4	6537.5	6433.4	6282.6	6155.2	6007.3	6046.3	6106.0
-30°	6035.6	6070.1	6106.4	6115.7	6106.4	6070.1	6035.6	6045.8	6072.3	6085.3	6103.7
-32.5°	6095.2	6122.1	6162.0	6187.2	6162.0	6122.1	6095.2	6080.4	6075.7	6082.8	6099.4
-35°	6099.6	6130.8	6176.9	6197.7	6176.9	6130.8	6099.6	6080.6	6073.0	6076.0	6058.8
-37.5°	6071.1	6109.4	6149.0	6167.2	6149.0	6109.4	6071.1	6041.1	6017.7	6000.4	5900.8
-40°	5963.4	6002.5	6031.4	6033.7	6031.4	6002.5	5963.4	5921.3	5874.0	5783.9	5560.1
-42.5°	5785.0	5833.4	5855.7	5851.7	5855.7	5833.4	5785.0	5684.8	5534.4	5303.3	4894.6
-45°	5364.0	5535.3	5619.5	5640.1	5619.5	5535.3	5364.0	5009.6	4635.9	4234.7	3697.6
-47.5°	4062.8	4314.1	4475.2	4539.4	4475.2	4314.1	4062.8	3610.9	3221.0	2869.4	2422.4
-50°	2488.4	2511.8	2527.2	2535.1	2527.2	2511.8	2488.4	2385.8	2307.3	2255.3	2183.9
-52.5°	2224.1	2230.7	2234.3	2234.9	2234.3	2230.7	2224.1	2200.4	2171.9	2141.9	2113.0
-55°	2143.2	2156.6	2165.1	2167.2	2165.1	2156.6	2143.2	2108.8	2061.2	2010.2	1955.9
-57.5°	1932.1	1939.9	1948.4	1953.7	1948.4	1939.9	1932.1	1898.1	1846.4	1793.5	1733.8
-60°	1679.4	1686.4	1687.8	1683.1	1687.8	1686.4	1679.4	1653.4	1610.1	1560.8	1506.2
-62.5°	1438.0	1444.5	1451.0	1453.4	1451.0	1444.5	1438.0	1415.8	1375.1	1328.9	1277.3
-65°	1189.3	1192.6	1194.1	1191.3	1194.1	1192.6	1189.3	1171.2	1132.2	1089.5	1044.0
-67.5°	939.8	946.3	955.4	961.6	955.4	946.3	939.8	924.6	892.1	858.8	826.8
-70°	723.9	721.1	727.2	731.9	727.2	721.1	723.9	717.0	686.9	657.6	630.9
-72.5°	522.0	518.9	516.7	512.7	516.7	518.9	522.0	519.5	499.7	478.5	456.4
-75°	373.3	369.5	368.9	367.9	368.9	369.5	373.3	374.1	361.1	347.3	333.6
-77.5°	303.9	302.5	300.6	298.3	300.6	302.5	303.9	303.7	292.1	280.6	270.3
-80°	265.4	265.5	264.4	263.0	264.4	265.5	265.4	264.6	256.3	247.8	238.9
-82.5°	236.1	236.1	235.3	234.4	235.3	236.1	236.1	235.7	227.4	219.1	212.3
-85°	207.3	207.6	206.8	205.9	206.8	207.6	207.3	206.9	200.3	193.6	187.3
-87.5°	181.4	181.9	181.5	181.1	181.5	181.9	181.4	180.8	175.5	170.1	165.2
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	147.7	144.9	142.0	140.6	139.1	136.3	133.4	129.6	125.8	121.1	116.3
87.5°	1.9	2.4	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.4	3.8
85°	2.8	2.8	2.9	3.3	3.6	3.5	3.5	3.4	3.4	3.6	3.8
82.5°	2.9	3.3	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.0	4.0
80°	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.5	4.8	4.7	4.6
77.5°	3.2	3.6	3.9	4.1	4.2	4.5	4.8	4.8	4.9	5.2	5.3
75°	4.4	5.1	5.6	5.8	5.7	5.1	5.0	5.3	5.4	5.5	5.7
72.5°	13.5	12.5	11.9	11.4	10.5	10.2	9.7	9.0	8.0	6.6	5.7
70°	24.5	23.5	22.9	22.9	22.8	22.2	19.5	16.3	13.9	12.0	9.6
67.5°	29.7	31.0	32.4	33.2	32.7	32.4	30.0	26.6	25.5	23.2	16.9
65°	27.3	29.8	31.4	32.0	32.4	34.2	36.6	35.9	37.4	35.9	28.0
62.5°	19.4	22.7	24.6	26.1	26.5	28.1	32.9	38.0	45.6	47.7	38.7
60°	11.3	13.3	15.6	18.0	19.5	22.9	28.5	36.9	47.5	46.8	43.0
57.5°	7.2	8.7	11.1	12.8	13.4	17.5	23.4	33.8	44.6	44.2	38.8
55°	9.7	11.2	12.3	14.3	15.3	18.3	21.6	30.1	40.2	43.5	41.6
52.5°	18.9	25.4	27.4	24.9	24.8	26.2	27.9	34.8	40.9	45.8	47.5
50°	97.2	107.1	94.4	75.6	78.5	55.1	61.2	59.7	57.1	59.8	58.0
47.5°	297.6	275.3	253.2	233.6	209.2	181.1	174.7	135.0	131.1	97.5	97.2
45°	513.1	487.5	450.9	420.0	404.1	372.9	351.8	321.5	261.4	233.4	162.2
42.5°	932.9	789.1	663.9	607.2	551.4	526.8	510.5	490.7	458.7	402.0	336.2
40°	1586.1	1416.4	1177.9	872.2	739.7	652.2	621.5	614.8	598.6	568.1	498.6
37.5°	2054.4	1957.9	1718.4	1453.9	1096.6	874.8	765.3	705.8	702.1	686.0	639.7
35°	2157.0	2127.9	2081.2	1888.8	1585.0	1401.1	1036.2	857.7	786.2	773.3	757.8
32.5°	2292.1	2261.3	2219.8	2183.9	2105.8	2081.5	1629.5	1132.7	899.8	852.5	827.8
30°	2435.5	2415.4	2387.4	2375.0	2381.2	2372.5	2267.2	1635.7	1152.0	929.3	901.0
27.5°	2633.5	2578.5	2556.2	2577.5	2620.5	2645.6	2565.0	2253.0	1508.2	1138.9	974.4
25°	2907.5	2824.8	2793.3	2841.1	2917.5	2948.1	2894.7	2689.7	2173.2	1419.1	1051.1
22.5°	3271.7	3206.4	3191.4	3292.2	3314.9	3347.0	3247.7	3124.8	2847.0	1842.0	1284.8
20°	3795.4	3643.8	3637.6	3658.8	3658.3	3642.9	3521.5	3410.6	3106.3	2386.0	1546.8
17.5°	4887.7	4079.1	3957.8	3916.2	3881.2	3795.7	3724.5	3553.5	3333.3	2845.3	1800.8
15°	7058.4	4990.8	4323.9	4229.9	4171.3	4078.7	3987.6	3790.2	3582.8	3129.8	2164.9
12.5°	13595.3	6401.5	4647.0	4430.4	4384.0	4310.5	4198.2	4102.3	3827.8	3386.9	2541.2
10°	19172.2	9285.5	5546.4	4663.5	4502.6	4402.3	4314.8	4217.7	3987.6	3619.0	2909.1
7.5°	26672.1	13555.1	6564.7	4898.3	4653.8	4486.0	4372.8	4276.1	4089.1	3717.8	3153.1
5°	32633.9	16638.0	7355.5	5129.3	4849.4	4649.7	4440.3	4337.2	4151.7	3755.4	3314.1
2.5°	36188.9	18622.6	7832.0	5262.0	4993.0	4864.4	4549.4	4397.2	4175.7	3780.9	3416.1
0°	38277.2	19604.2	8311.5	5331.3	5060.7	4983.5	4721.4	4453.6	4166.7	3789.3	3465.3
-2.5°	39920.2	20605.5	8552.3	5466.7	5165.0	5079.4	4915.8	4671.4	4214.8	3799.7	3494.2
-5°	38084.4	19604.2	8526.0	5550.3	5255.4	5172.5	5042.5	4813.7	4288.0	3822.7	3473.1
-7.5°	33637.9	16942.0	8021.9	5621.1	5350.9	5264.2	5128.9	4903.1	4438.4	3940.1	3424.2
-10°	26402.1	12933.4	7099.9	5688.1	5474.6	5360.9	5213.2	4929.0	4501.4	4032.9	3321.6
-12.5°	19402.3	9837.3	6234.0	5716.4	5618.0	5471.8	5289.2	4919.6	4540.3	4157.5	3253.6
-15°	12564.0	7778.5	6118.4	5818.2	5709.8	5546.1	5327.7	4894.2	4549.0	4233.5	3093.0
-17.5°	8862.5	6389.3	5962.7	5864.0	5744.7	5587.1	5261.4	4864.3	4510.5	4016.4	2762.8
-20°	6474.2	6159.2	6042.9	5930.7	5770.1	5591.6	5155.9	4807.9	4408.5	3569.6	2473.7



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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°	6165.2	6155.6	6147.0	6018.0	5844.4	5471.9	5066.8	4716.5	4257.3	3128.2	2192.5
-25°	6134.4	6183.2	6180.0	6090.6	5821.8	5388.3	5005.0	4558.9	3756.7	2744.2	1931.1
-27.5°	6142.4	6179.4	6183.9	6051.4	5723.6	5316.2	4900.4	4308.0	3141.0	2335.3	1922.6
-30°	6130.8	6156.0	6095.7	5899.3	5569.7	5190.4	4772.5	3653.4	2658.1	2023.5	1897.4
-32.5°	6112.1	6057.4	5934.6	5654.3	5355.2	5035.7	4090.8	3007.5	2205.2	1987.9	1877.3
-35°	6019.8	5847.4	5603.1	5359.8	5146.6	4317.0	3341.5	2437.4	2071.2	1949.0	1856.1
-37.5°	5734.9	5484.3	5230.3	4937.5	4256.1	3441.0	2562.1	2161.2	2013.0	1924.5	1797.3
-40°	5273.2	5007.9	4483.4	3913.6	3228.8	2456.6	2208.2	2075.4	1987.1	1870.5	1714.2
-42.5°	4402.2	3906.8	3406.8	2817.0	2314.7	2213.3	2114.6	2039.1	1929.7	1775.9	1604.5
-45°	3217.8	2763.0	2340.7	2268.2	2187.4	2128.9	2073.8	1960.0	1825.0	1655.4	1485.2
-47.5°	2287.2	2237.4	2181.6	2156.1	2121.8	2065.9	1955.1	1835.6	1680.3	1516.6	1359.2
-50°	2139.0	2124.0	2111.1	2083.4	2002.1	1910.8	1798.0	1679.5	1529.7	1378.6	1229.3
-52.5°	2077.6	2026.5	1973.0	1910.9	1823.8	1722.0	1616.2	1509.9	1378.8	1236.3	1095.5
-55°	1898.2	1837.4	1775.6	1701.5	1619.8	1532.5	1442.5	1336.7	1219.2	1087.0	959.4
-57.5°	1670.0	1610.0	1558.6	1495.4	1422.1	1341.8	1251.9	1152.2	1053.4	935.9	821.9
-60°	1449.0	1390.7	1345.3	1287.5	1218.1	1141.3	1059.5	973.4	882.1	798.0	709.8
-62.5°	1228.3	1179.4	1130.6	1075.8	1014.6	948.5	878.6	813.6	746.5	674.0	593.3
-65°	1000.2	953.1	909.0	872.2	828.5	781.5	725.7	668.3	607.8	543.5	473.5
-67.5°	793.4	758.4	727.4	696.6	658.9	619.5	572.2	521.9	472.5	422.8	367.9
-70°	602.6	574.4	546.1	515.8	490.0	465.1	431.8	394.9	353.2	318.9	287.8
-72.5°	434.6	414.3	393.8	375.7	354.8	338.4	322.3	302.5	278.6	252.2	230.7
-75°	319.9	308.6	298.6	290.8	280.6	268.3	257.9	246.3	234.3	221.5	208.6
-77.5°	260.7	255.5	250.5	246.6	242.2	236.6	229.5	219.9	210.6	200.1	189.5
-80°	230.5	226.2	222.0	219.1	215.9	212.0	207.5	199.4	191.0	181.3	172.0
-82.5°	205.6	201.5	197.6	194.9	192.1	188.9	185.1	178.2	171.2	163.4	155.7
-85°	181.1	178.0	174.8	172.4	169.8	166.7	163.3	158.0	152.5	145.9	139.2
-87.5°	160.3	157.6	154.9	152.8	150.7	147.9	145.1	140.9	136.7	131.2	125.7
-90°	1.9	1.9	1.9	2.4	2.9	2.9	2.9	2.9	2.9	3.4	3.8



REPORT NUMBER: P1306236 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	111.5	106.7	102.5	98.2	94.4	90.5	86.3	82.0	76.3	70.5	63.4
87.5°	3.8	3.8	4.1	4.4	4.3	4.3	4.5	4.8	4.8	4.8	4.9
85°	4.0	4.1	4.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.1
82.5°	4.4	4.7	4.7	4.8	5.1	5.2	5.1	5.0	5.0	4.9	5.2
80°	4.7	4.8	5.0	5.1	5.4	5.7	5.6	5.5	5.6	5.5	5.6
77.5°	5.1	5.1	5.4	5.6	5.6	5.8	5.9	5.9	6.1	6.2	6.0
75°	5.7	5.6	5.6	5.8	5.8	5.9	6.2	6.4	6.6	6.7	6.4
72.5°	5.7	5.8	5.9	5.9	6.2	6.4	6.6	6.8	7.0	7.1	6.8
70°	7.5	6.4	6.4	6.5	6.7	6.9	7.1	7.3	7.4	7.5	7.3
67.5°	10.6	8.9	7.8	7.3	7.3	7.6	7.6	7.9	8.1	7.9	7.8
65°	20.6	14.3	9.4	8.9	8.3	8.3	8.5	8.8	8.8	8.9	8.3
62.5°	30.2	22.2	16.3	12.0	10.3	10.6	9.6	10.2	9.8	10.0	9.3
60°	39.5	30.6	23.9	19.0	15.3	13.8	13.1	12.0	11.8	11.2	10.6
57.5°	38.7	37.4	33.7	27.1	23.3	19.7	17.8	16.0	14.2	13.5	12.1
55°	38.1	38.1	42.2	38.0	33.4	28.0	24.7	21.4	17.7	16.3	13.9
52.5°	44.5	45.3	48.7	51.0	47.5	39.0	35.5	27.4	24.3	19.3	16.8
50°	55.2	60.1	60.8	66.1	63.3	57.7	47.5	39.2	31.5	23.7	20.1
47.5°	83.6	88.2	83.6	88.0	83.8	79.2	66.8	53.2	39.4	31.0	23.5
45°	160.4	133.8	129.5	122.1	112.5	107.1	90.4	68.5	53.5	39.1	27.0
42.5°	267.5	229.9	208.4	163.5	158.7	139.8	118.0	93.2	68.6	47.7	32.9
40°	417.8	361.8	311.6	260.5	216.2	176.5	153.3	121.2	84.8	58.8	40.8
37.5°	563.8	497.3	439.5	363.6	289.5	236.7	192.1	151.2	105.8	74.6	48.9
35°	685.2	623.1	545.6	464.3	386.5	298.0	233.7	184.8	133.8	91.1	57.3
32.5°	784.9	722.1	633.3	551.0	463.6	359.3	284.3	220.5	162.3	108.4	65.9
30°	859.4	799.5	715.1	619.1	526.3	423.1	335.0	254.4	191.1	126.4	75.9
27.5°	936.5	879.0	794.3	688.3	580.4	477.9	376.7	286.6	220.0	144.8	89.2
25°	1013.6	954.7	876.3	764.8	634.6	520.9	414.6	317.1	247.5	164.1	101.7
22.5°	1081.1	1024.4	957.9	845.5	695.9	562.6	450.1	350.2	266.1	181.9	113.5
20°	1143.1	1083.7	1034.3	914.0	762.5	612.6	484.8	375.9	283.3	198.1	124.5
17.5°	1231.7	1136.4	1074.2	966.6	825.2	664.0	520.7	400.3	299.2	212.8	134.7
15°	1434.3	1188.1	1113.4	1012.9	876.4	712.4	556.7	423.7	313.6	226.0	143.7
12.5°	1619.6	1237.1	1154.5	1052.6	914.8	754.8	591.9	445.9	326.5	238.4	151.3
10°	1806.8	1284.6	1194.7	1090.9	947.7	791.5	625.9	468.8	342.4	250.2	158.1
7.5°	2012.1	1331.3	1232.3	1127.7	976.1	821.4	655.5	494.8	357.9	260.8	164.0
5°	2198.5	1374.3	1271.3	1168.7	1004.9	845.0	680.7	518.6	372.1	270.0	169.0
2.5°	2329.2	1410.6	1309.7	1207.1	1029.8	864.0	702.0	540.0	384.7	277.8	173.1
0°	2426.5	1442.9	1344.7	1240.9	1050.3	878.7	719.5	558.5	395.5	284.0	176.3
-2.5°	2422.4	1469.9	1373.5	1273.5	1088.4	900.2	730.8	568.2	406.9	292.7	182.7
-5°	2381.0	1493.8	1399.5	1301.0	1120.3	917.0	738.4	574.7	416.2	299.5	188.1
-7.5°	2329.8	1520.4	1424.0	1323.1	1144.9	928.3	742.3	578.2	423.3	304.5	192.3
-10°	2245.4	1546.7	1446.7	1333.8	1149.9	935.0	743.5	578.8	428.0	307.5	195.2
-12.5°	2141.2	1570.7	1466.1	1338.1	1147.2	938.2	748.5	578.1	429.9	308.4	196.7
-15°	2002.5	1602.7	1489.7	1336.8	1139.5	937.0	748.0	574.1	426.4	306.2	196.7
-17.5°	1806.9	1626.7	1512.2	1332.3	1127.8	931.6	741.7	565.6	420.4	300.5	194.6
-20°	1783.6	1649.0	1524.7	1317.9	1111.4	919.9	729.2	552.3	411.9	292.9	191.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1799.9	1674.2	1518.8	1293.7	1091.2	902.8	711.4	534.8	400.7	283.5	186.0
-25°	1803.3	1698.2	1510.0	1280.6	1067.9	878.9	690.5	517.5	387.0	272.1	179.8
-27.5°	1801.9	1693.9	1496.4	1252.8	1042.3	849.4	667.4	505.3	375.7	258.9	172.3
-30°	1797.6	1648.3	1448.1	1212.5	1006.8	816.2	640.6	490.2	363.0	248.3	163.5
-32.5°	1772.7	1597.4	1386.1	1166.9	964.7	778.7	610.9	471.7	347.6	239.4	158.1
-35°	1707.6	1528.3	1322.7	1114.3	918.2	742.5	581.9	449.9	329.3	228.3	153.4
-37.5°	1636.4	1442.4	1258.5	1056.9	867.2	702.0	554.9	426.3	308.4	215.0	148.0
-40°	1533.3	1348.8	1173.7	992.6	815.1	656.6	523.8	399.8	289.4	199.5	141.4
-42.5°	1425.2	1250.7	1084.1	916.7	759.0	615.7	488.7	369.7	269.1	187.7	133.5
-45°	1315.6	1149.4	990.6	842.1	698.9	569.9	450.7	337.2	246.1	177.2	127.4
-47.5°	1199.7	1045.3	899.4	762.4	642.0	519.6	406.7	308.2	220.7	165.1	125.0
-50°	1080.4	938.9	807.0	688.2	577.0	465.3	360.9	276.0	204.9	151.4	122.1
-52.5°	959.6	831.6	718.8	613.8	509.1	406.1	319.3	241.7	187.5	144.2	118.8
-55°	836.4	732.4	634.3	535.8	437.7	353.1	275.0	218.7	168.7	139.6	115.2
-57.5°	729.5	638.2	545.4	453.7	372.6	299.7	240.9	194.6	159.6	134.6	112.8
-60°	624.0	538.2	452.4	379.5	310.9	255.0	212.6	174.8	153.0	129.4	110.2
-62.5°	514.3	438.1	371.8	308.5	260.6	221.2	186.6	165.8	145.6	125.6	107.1
-65°	411.3	350.3	293.7	257.4	221.6	192.1	175.5	156.3	139.3	121.5	103.8
-67.5°	313.0	279.3	245.8	213.2	194.3	179.0	163.7	148.4	133.3	116.9	100.2
-70°	256.7	226.7	207.4	193.3	179.6	166.0	154.2	141.1	126.9	112.4	96.5
-72.5°	216.7	202.9	189.6	177.0	166.4	155.5	144.9	133.5	121.0	107.7	92.5
-75°	195.6	184.4	174.3	164.4	154.6	144.8	136.0	126.3	114.8	102.7	88.3
-77.5°	179.2	169.4	160.5	151.9	143.6	135.5	127.4	118.8	108.2	97.3	83.9
-80°	163.6	155.4	147.7	140.0	132.9	126.0	118.4	110.7	101.2	91.6	79.3
-82.5°	148.7	141.7	134.6	127.6	121.3	115.0	108.6	102.3	94.0	85.7	74.9
-85°	133.3	127.3	121.0	114.7	109.2	103.8	99.3	94.6	87.7	80.7	71.2
-87.5°	120.8	115.8	110.8	105.8	101.5	97.2	92.8	88.4	82.0	75.7	67.3
-90°	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	4.8	4.8	4.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	56.2	46.7	37.2	26.2	15.2	10.0	4.8
87.5°	5.0	5.0	5.0	5.0	5.0	4.9	4.8
85°	5.3	5.2	5.1	5.2	5.1	5.0	4.8
82.5°	5.5	5.4	5.3	5.4	5.3	5.2	4.8
80°	5.7	5.6	5.4	5.5	5.5	5.3	4.8
77.5°	6.0	5.8	5.6	5.7	5.6	5.4	4.8
75°	6.3	6.1	5.8	5.9	5.8	5.5	4.8
72.5°	6.6	6.5	6.2	6.1	6.0	5.7	4.8
70°	6.9	6.8	6.5	6.3	6.2	5.8	4.8
67.5°	7.5	7.2	6.8	6.6	6.4	5.9	4.8
65°	8.1	7.6	7.2	6.8	6.6	6.0	4.8
62.5°	8.7	8.2	7.5	7.1	6.8	6.2	4.8
60°	9.3	8.8	7.8	7.3	7.0	6.3	4.8
57.5°	10.8	9.4	8.5	7.6	7.2	6.4	4.8
55°	12.6	10.0	9.2	7.8	7.5	6.5	4.8
52.5°	14.5	10.8	9.9	8.1	7.8	6.7	4.8
50°	16.5	12.8	10.7	8.3	8.1	6.8	4.8
47.5°	18.8	14.9	11.5	8.6	8.5	6.9	4.8
45°	21.8	17.0	12.3	9.3	8.8	7.0	4.8
42.5°	24.9	19.2	13.2	9.9	9.2	7.1	4.8
40°	28.3	21.5	14.6	10.9	9.7	7.2	4.8
37.5°	31.8	23.9	16.4	12.0	10.1	7.4	4.8
35°	35.5	26.6	18.1	13.2	10.5	7.5	4.8
32.5°	40.2	29.5	19.9	14.4	11.0	7.6	4.8
30°	47.3	32.4	21.7	15.6	11.5	7.7	4.8
27.5°	54.3	35.3	24.0	16.9	12.0	7.8	4.8
25°	61.1	38.2	26.4	18.2	12.5	7.9	4.8
22.5°	67.9	41.2	28.6	19.5	13.0	8.0	4.8
20°	74.4	44.2	30.8	20.8	13.5	8.1	4.8
17.5°	80.3	47.2	32.8	22.1	14.0	8.2	4.8
15°	85.7	50.1	34.8	23.4	14.5	8.2	4.8
12.5°	90.6	52.8	36.7	24.7	15.0	8.3	4.8
10°	95.0	55.3	38.6	26.0	15.5	8.4	4.8
7.5°	98.9	57.7	40.3	27.2	15.9	8.4	4.8
5°	102.3	59.9	41.9	28.3	16.4	8.5	4.8
2.5°	105.3	62.0	43.4	29.5	16.8	8.6	4.8
0°	107.7	63.9	44.8	30.5	17.2	8.6	4.8
-2.5°	111.1	66.5	46.8	31.8	18.1	9.0	4.8
-5°	114.0	69.0	48.6	33.1	19.0	9.3	4.8
-7.5°	116.4	71.2	50.3	34.3	19.8	9.7	4.8
-10°	118.2	73.3	51.9	35.4	20.6	10.0	4.8
-12.5°	119.4	75.1	53.4	36.4	21.3	10.3	4.8
-15°	120.0	76.6	54.7	37.3	22.0	10.7	4.8
-17.5°	119.9	77.9	55.8	38.2	22.6	10.9	4.8
-20°	119.4	79.0	56.8	38.9	23.2	11.2	4.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	118.5	79.8	57.6	39.5	23.7	11.5	4.8
-25°	116.9	80.5	58.3	40.1	24.1	11.7	4.8
-27.5°	114.6	81.0	58.8	40.6	24.5	11.9	4.8
-30°	111.6	81.3	59.1	40.9	24.8	12.1	4.8
-32.5°	107.8	81.3	59.6	41.2	25.1	12.3	4.8
-35°	106.3	81.1	59.9	41.3	25.3	12.5	4.8
-37.5°	105.7	80.8	60.0	41.4	25.4	12.6	4.8
-40°	104.8	80.7	60.0	41.4	25.5	12.7	4.8
-42.5°	103.5	80.5	59.9	41.3	25.5	12.8	4.8
-45°	101.9	80.0	59.9	41.3	25.4	12.8	4.8
-47.5°	99.9	79.4	59.7	41.1	25.2	12.9	4.8
-50°	98.5	78.6	59.3	40.9	25.0	12.9	4.8
-52.5°	97.1	77.5	58.8	40.6	24.7	12.9	4.8
-55°	95.4	76.5	58.1	40.2	24.3	12.8	4.8
-57.5°	93.5	75.2	57.2	39.7	23.9	12.7	4.8
-60°	91.4	73.7	56.3	39.0	23.4	12.7	4.8
-62.5°	89.1	72.0	55.2	38.3	23.0	12.5	4.8
-65°	86.6	70.1	53.9	37.4	22.6	12.4	4.8
-67.5°	83.8	68.0	52.5	36.5	22.1	12.2	4.8
-70°	80.8	65.8	51.0	35.4	21.5	12.1	4.8
-72.5°	77.7	63.4	49.3	34.5	20.8	11.9	4.8
-75°	74.4	60.9	47.5	33.5	20.2	11.6	4.8
-77.5°	71.0	58.2	46.0	32.5	19.4	11.4	4.8
-80°	67.4	55.9	44.4	31.4	18.6	11.2	4.8
-82.5°	64.6	53.7	42.7	30.2	17.8	10.9	4.8
-85°	61.9	51.5	41.0	28.9	17.0	10.6	4.8
-87.5°	59.1	49.1	39.1	27.6	16.1	10.3	4.8
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)