

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: P902124 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S3-ZVP418L**

Issue Date: 11/14/2024

Test Information

Test Method: LM-79-08
Report Number: P902124 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2007034)
Test Lab: INNOVATION CENTER
Issue Date: 11/14/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEUS
Catalog Number: EPH-AV-03-1360S-57-85-S3-ZVP418L
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND S3-ZVP418L OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 1V
Luminaire Lumens:	118386 lumens	Max Intensity:	2495866 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	83.8 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

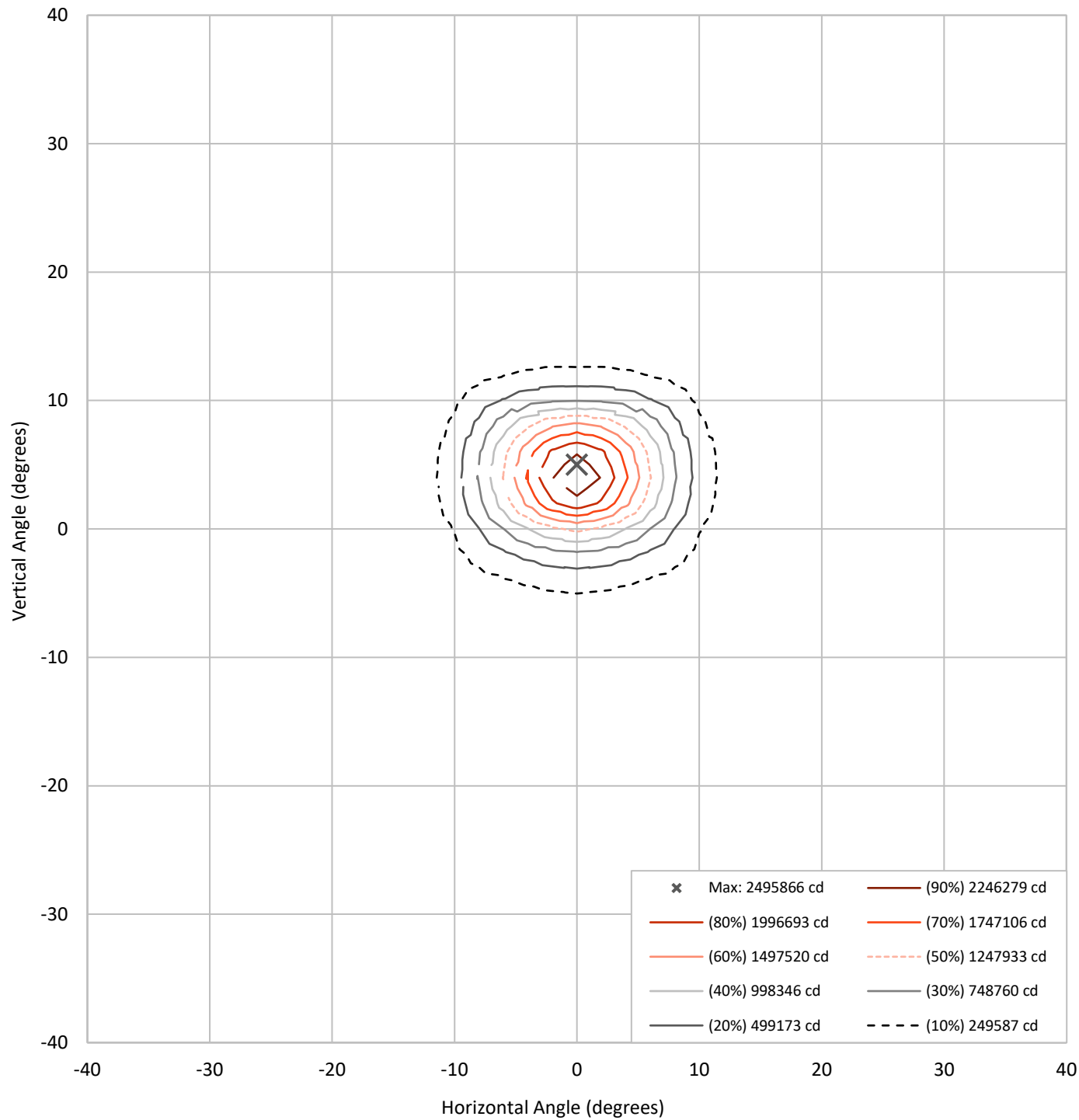
Beam Angle (50%):	12.4°H x 9°V	Field Angle (10%):	23.1°H x 17°V
Beam Lumens:	41775.8 lumens	Field Lumens:	90750.5 lumens
Beam Efficiency:	35.3%	Field Efficiency:	76.7%

Input Watts (W): 1413
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



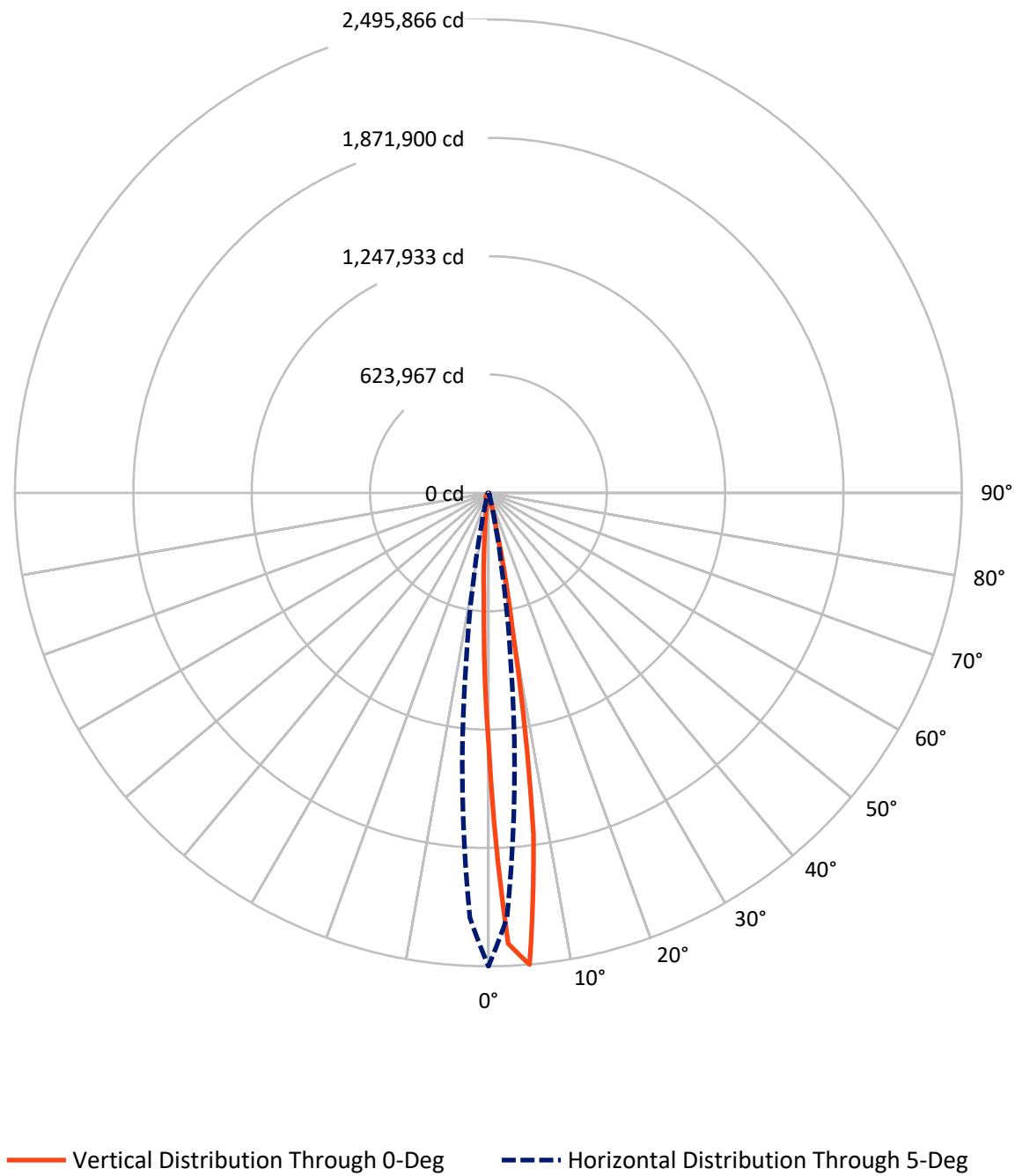
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Lumen Table

90																			
80	0.1	0.3		0.5		0.9		1.0		0.9		0.5		0.3		0.1			
70	0.2	0.2	0.4	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.4	0.2	0.2			
60		0.4	0.8	1.1	1.4	1.7	1.9	2.1	2.1	1.9	1.7	1.4	1.1	0.8	0.4				
50	1.0	0.9	1.8	2.6	3.3	4.0	4.8	5.6	5.6	4.8	4.0	3.3	2.6	1.8	0.9	1.0			
40		2.7	6.3	10.5	16.9	22.6	29.1	41.4	41.4	29.1	22.6	16.9	10.5	6.3	2.7				
30	4.8	6.4	14.8	25.7	44.4	65.8	95.8	135.3	135.3	95.8	65.8	44.4	25.7	14.8	6.4	4.8			
20		12.4	30.0	53.4	86.0	159.2	617.7	3722.0	3722.0	617.7	159.2	86.0	53.4	30.0	12.4				
10	10.1	19.2	53.9	94.2	154.2	323.4	2786.0	36550.1	36550.1	2786.0	323.4	154.2	94.2	53.9	19.2	10.1			
0		20.6	55.0	95.7	156.0	283.1	1148.7	7917.5	7917.5	1148.7	283.1	156.0	95.7	55.0	20.6				
-10	6.6	15.8	38.8	67.0	115.4	173.3	337.3	837.0	837.0	337.3	173.3	115.4	67.0	38.8	15.8	6.6			
-20		10.6	25.9	45.7	75.4	115.9	242.1	689.8	689.8	242.1	115.9	75.4	45.7	25.9	10.6				
-30	2.5	6.3	15.0	28.7	41.8	63.4	172.5	467.9	467.9	172.5	63.4	41.8	28.7	15.0	6.3	2.5			
-40		2.9	6.0	9.8	15.3	32.0	100.6	239.9	239.9	100.6	32.0	15.3	9.8	6.0	2.9				
-50	0.8	1.7	4.1	6.8	10.8	21.5	53.7	104.4	104.4	53.7	21.5	10.8	6.8	4.1	1.7	0.8			
-60		0.7	1.4	2.3	3.9	7.9	17.3	29.2	29.2	17.3	7.9	3.9	2.3	1.4	0.7				
-70	0.1	0.6	1.7		5.6		11.0		5.6		1.7		0.6		0.1				
-80																			
-90																			
	Horizontal Angle (degrees)																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

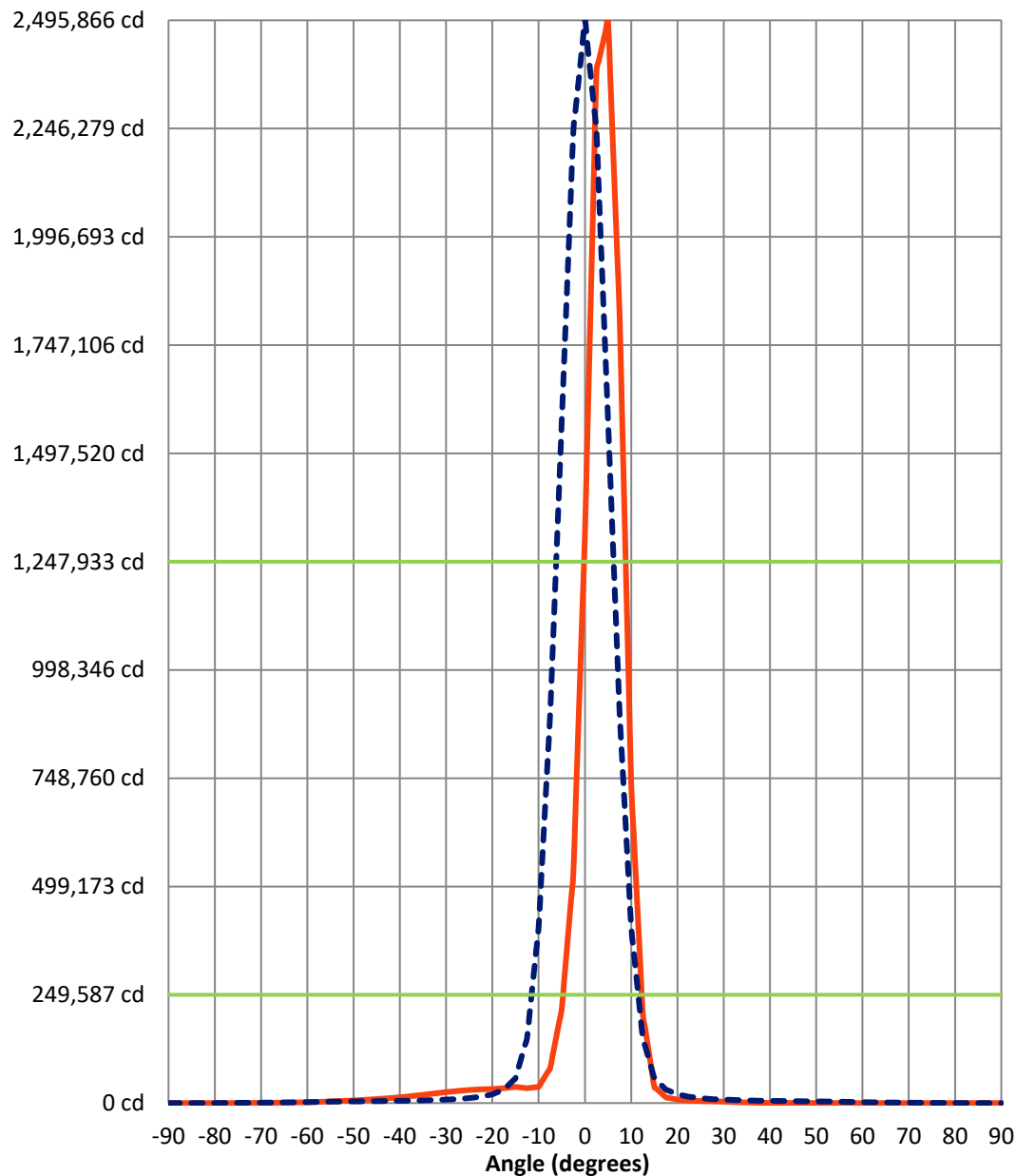
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 12.4°
V Angle: 9°
Lumens: 41775.8
Efficiency: 35.3%

Field:
H Angle: 23.1°
V Angle: 17°
Lumens: 90750.5
Efficiency: 76.7%

Spill:
Lumens: 27635.5
Efficiency: 23.3%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 5-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.4	0.8	1.2	1.6	1.0	1.2	1.4	1.5	1.7	1.9
82.5°	0.0	0.6	1.2	1.8	2.3	1.5	1.7	2.0	2.3	2.6	2.8
80°	0.0	0.8	1.6	2.3	3.1	2.1	2.3	2.7	3.1	3.4	3.8
77.5°	0.0	1.0	1.9	2.9	3.7	2.6	2.9	3.4	3.9	4.3	4.8
75°	0.0	1.2	2.3	3.5	4.1	3.2	3.5	4.5	4.9	5.2	6.0
72.5°	0.0	1.4	2.7	3.8	4.5	3.8	4.5	5.8	6.0	6.8	7.8
70°	0.0	1.5	3.1	4.1	4.9	4.6	5.6	7.1	8.0	8.9	9.7
67.5°	0.0	1.7	3.4	4.4	5.3	5.7	6.7	8.7	9.9	11.0	11.5
65°	0.0	1.9	3.7	4.7	5.9	6.7	8.1	10.4	11.7	12.9	13.7
62.5°	0.0	2.1	4.0	5.0	6.8	7.8	9.6	12.2	13.7	15.3	17.3
60°	0.0	2.2	4.2	5.3	7.7	9.1	11.2	14.8	16.0	19.6	21.7
57.5°	0.0	2.4	4.4	5.6	8.7	10.5	12.7	17.5	20.1	24.1	26.6
55°	0.0	2.6	4.7	6.6	9.7	12.0	15.3	20.1	24.4	28.9	31.7
52.5°	0.0	2.7	5.0	7.6	10.9	13.5	18.1	23.8	28.4	34.0	38.8
50°	0.0	2.9	5.3	8.7	12.6	15.4	21.1	28.0	34.0	40.1	46.8
47.5°	0.0	3.0	5.6	9.9	14.5	18.7	24.4	32.8	40.2	49.4	57.1
45°	0.0	3.2	5.9	11.1	17.0	22.3	30.1	39.4	48.8	60.0	69.0
42.5°	0.0	3.3	6.2	12.3	19.9	26.2	36.5	50.4	63.0	74.5	82.7
40°	0.0	3.4	6.5	14.1	23.0	30.3	45.1	64.3	80.1	94.8	110.3
37.5°	0.0	3.6	6.8	16.4	26.5	34.7	57.5	81.1	99.9	126.6	147.4
35°	0.0	3.7	7.9	19.8	31.5	45.2	74.8	103.2	133.6	167.2	198.1
32.5°	0.0	3.9	9.2	23.9	37.7	60.1	95.2	132.4	172.6	215.5	263.0
30°	0.0	4.1	10.6	28.4	44.3	76.0	116.9	165.8	213.3	270.2	326.9
27.5°	0.0	4.2	12.2	33.3	55.7	92.8	144.1	201.1	260.8	327.5	395.9
25°	0.0	4.4	13.8	38.4	68.4	110.2	174.1	237.9	315.2	392.0	482.7
22.5°	0.0	4.5	15.5	43.8	81.8	131.6	205.4	288.9	375.9	474.7	572.7
20°	0.0	4.7	17.2	49.3	95.9	162.5	238.9	346.8	450.6	558.3	675.6
17.5°	0.0	4.8	18.9	55.6	110.5	194.8	290.7	407.0	541.4	658.2	781.5
15°	0.0	4.9	20.6	62.1	125.3	229.2	352.2	479.4	635.1	782.3	920.5
12.5°	0.0	5.0	22.2	68.5	139.4	265.6	414.1	564.3	733.7	907.8	1088.9
10°	0.0	5.1	23.8	74.9	153.0	297.1	475.8	647.8	833.0	1021.1	1242.6
7.5°	0.0	5.2	25.3	81.1	166.1	323.1	515.5	721.6	929.2	1128.7	1359.6
5°	0.0	5.3	26.7	87.0	178.7	347.4	546.0	757.4	983.9	1209.0	1462.5
2.5°	0.0	5.4	28.0	92.6	190.8	369.9	574.1	790.2	1022.6	1253.4	1512.8
0°	0.0	5.4	29.1	97.8	202.1	390.4	599.8	820.0	1057.6	1293.3	1557.2
-2.5°	0.0	5.5	28.9	95.5	196.5	382.1	591.9	814.7	1055.7	1300.8	1571.7
-5°	0.0	5.6	28.5	92.6	190.2	371.7	581.4	806.2	1049.7	1303.3	1580.2
-7.5°	0.0	5.6	27.9	89.4	183.1	359.3	568.3	794.3	1025.1	1261.5	1525.9
-10°	0.0	5.6	27.2	85.9	175.4	344.9	543.5	739.2	952.2	1185.6	1454.0
-12.5°	0.0	5.6	26.3	82.0	167.1	321.2	490.3	672.2	875.7	1099.3	1327.6
-15°	0.0	5.6	25.4	77.9	157.5	288.1	435.9	602.4	792.4	980.4	1175.4
-17.5°	0.0	5.6	24.3	73.6	145.7	256.4	380.7	539.5	705.0	861.6	1046.8
-20°	0.0	5.5	23.1	69.0	133.8	226.6	335.2	485.5	619.8	774.7	949.7

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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°	0.0	5.5	21.8	64.1	122.1	198.1	310.2	434.4	559.8	711.7	860.1
-25°	0.0	5.4	20.5	59.1	110.5	180.3	286.7	391.3	522.0	652.1	795.6
-27.5°	0.0	5.3	19.0	54.1	99.2	165.6	263.6	364.4	486.8	602.8	731.8
-30°	0.0	5.1	17.5	49.1	88.5	149.7	239.9	334.2	443.8	550.5	660.2
-32.5°	0.0	5.0	15.9	44.2	79.8	132.6	210.8	300.7	386.2	489.1	572.3
-35°	0.0	4.9	14.3	39.4	71.1	114.3	179.5	259.1	323.6	401.1	472.5
-37.5°	0.0	4.7	13.0	35.2	63.1	97.5	148.9	212.9	261.4	320.2	375.0
-40°	0.0	4.6	12.6	32.4	57.1	86.4	124.1	174.9	217.7	254.3	300.0
-42.5°	0.0	4.5	12.1	29.7	51.3	76.3	105.0	143.2	180.7	214.4	244.3
-45°	0.0	4.4	11.6	27.3	45.8	67.1	90.0	118.5	150.5	185.4	218.1
-47.5°	0.0	4.2	11.1	24.8	40.6	58.9	76.5	103.8	131.5	162.8	193.2
-50°	0.0	4.1	10.5	22.3	35.9	51.7	69.0	92.1	115.9	141.9	169.2
-52.5°	0.0	3.9	9.8	19.8	31.4	46.4	62.3	80.9	100.7	124.4	148.1
-55°	0.0	3.7	9.1	17.3	28.0	41.2	55.6	70.4	88.6	107.7	127.2
-57.5°	0.0	3.5	8.4	14.8	24.7	35.8	48.2	60.3	76.0	90.6	107.3
-60°	0.0	3.3	7.6	13.4	21.3	30.2	40.6	49.6	63.3	72.8	86.4
-62.5°	0.0	3.0	6.8	12.1	17.7	25.3	33.3	39.0	50.6	54.1	67.3
-65°	0.0	2.8	6.0	10.8	14.1	21.0	26.0	31.9	38.8	42.8	49.3
-67.5°	0.0	2.6	5.3	9.4	11.3	16.9	20.4	24.9	29.8	33.1	37.2
-70°	0.0	2.3	4.7	8.0	9.5	12.8	16.3	18.4	22.4	24.7	27.5
-72.5°	0.0	2.0	4.1	6.6	7.7	9.9	12.3	14.3	15.4	17.7	20.0
-75°	0.0	1.8	3.6	5.3	6.0	8.0	8.9	10.2	11.1	12.0	13.2
-77.5°	0.0	1.5	3.0	4.5	4.4	6.1	6.5	6.8	7.0	8.3	8.5
-80°	0.0	1.2	2.4	3.6	3.2	4.2	4.1	4.6	4.5	5.1	4.6
-82.5°	0.0	0.9	1.8	2.7	2.4	2.9	1.8	2.5	2.9	3.4	2.2
-85°	0.0	0.6	1.2	1.8	1.6	1.9	1.2	1.4	1.5	1.7	0.3
-87.5°	0.0	0.3	0.6	0.9	0.8	1.0	0.6	0.7	0.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
85°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
82.5°	3.1	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
80°	4.2	3.7	3.6	3.6	3.7	4.0	4.3	4.6	3.8	3.6	3.6
77.5°	5.2	4.4	4.4	4.7	5.1	5.5	5.9	6.2	6.0	6.5	5.8
75°	6.5	6.4	6.1	6.5	6.8	6.9	7.5	8.3	8.6	8.6	8.9
72.5°	8.1	8.5	8.7	9.0	9.7	10.4	11.2	11.4	11.6	11.5	12.3
70°	10.3	10.6	11.9	12.7	14.0	14.0	14.7	14.6	15.2	14.9	15.9
67.5°	12.7	13.7	15.7	16.3	17.0	17.0	18.8	17.7	19.1	19.1	19.4
65°	16.0	17.1	19.4	20.2	20.8	21.3	23.5	22.5	24.3	25.3	24.7
62.5°	19.8	21.8	23.6	24.5	25.5	27.0	28.5	28.5	30.6	32.0	30.8
60°	24.9	27.2	29.1	30.4	31.8	33.3	34.2	35.3	37.9	38.8	38.2
57.5°	30.2	33.1	35.7	37.2	39.0	40.6	42.0	43.3	44.8	46.7	46.1
55°	36.8	39.6	43.3	45.1	46.5	48.2	50.2	51.6	53.2	55.4	56.1
52.5°	44.1	46.9	50.9	53.9	55.0	57.8	59.8	62.3	63.6	65.0	66.8
50°	52.6	56.6	59.8	64.1	67.1	70.3	72.5	75.1	75.8	78.6	80.2
47.5°	63.1	69.0	73.5	79.0	82.9	87.4	90.5	93.2	95.8	98.9	100.0
45°	77.0	85.0	91.3	97.8	104.6	109.7	113.6	118.4	122.3	125.9	126.5
42.5°	93.4	103.7	112.7	121.6	129.9	135.8	140.2	146.8	151.6	155.0	157.6
40°	123.1	134.4	146.9	161.8	170.9	172.3	182.8	191.8	195.4	194.7	202.8
37.5°	166.1	194.1	221.9	244.4	256.8	268.2	288.2	303.0	314.8	324.9	338.9
35°	235.8	276.3	315.9	355.3	388.9	421.2	453.8	481.3	509.6	536.8	583.0
32.5°	315.1	372.3	428.6	474.2	522.3	567.2	612.3	655.4	706.2	763.5	853.5
30°	392.9	461.6	538.6	583.3	648.6	705.9	762.8	815.8	885.1	1026.0	1164.8
27.5°	473.1	550.8	638.8	700.0	780.1	848.0	911.4	966.7	1056.3	1225.6	1377.2
25°	561.3	657.8	749.2	833.3	919.0	997.3	1073.4	1146.9	1237.6	1430.4	1579.8
22.5°	671.2	768.7	874.4	972.0	1069.5	1159.0	1248.3	1353.3	1483.3	1675.2	1821.5
20°	781.8	895.7	1003.9	1118.7	1226.2	1327.8	1426.2	1568.9	1756.6	1972.9	2161.7
17.5°	922.2	1033.8	1167.6	1308.3	1414.5	1540.2	1660.3	1849.9	2095.0	2328.2	2515.4
15°	1077.0	1259.1	1422.0	1589.2	1790.4	1874.8	2063.3	2298.4	2595.9	2845.2	3033.8
12.5°	1285.9	1509.6	1813.2	2125.2	2351.0	2531.5	2693.0	2955.1	3315.8	3664.5	3778.2
10°	1504.1	1784.6	2207.1	2672.9	3052.0	3189.9	3348.4	3638.1	3992.1	4360.9	4538.9
7.5°	1641.5	1985.7	2558.4	3087.3	3432.5	3622.5	3825.7	4117.4	4491.2	4869.7	5080.8
5°	1759.2	2100.1	2677.9	3249.9	3634.9	3854.7	4114.6	4427.9	4822.8	5227.3	5430.0
2.5°	1815.9	2160.3	2729.5	3307.7	3712.6	3963.7	4232.5	4555.8	4986.3	5456.5	5647.0
0°	1860.7	2195.3	2723.6	3276.5	3721.6	4013.7	4224.0	4554.4	4996.7	5539.2	5749.4
-2.5°	1879.4	2221.4	2729.6	3261.2	3700.6	3990.6	4173.1	4509.0	4955.6	5482.7	5745.8
-5°	1886.2	2223.9	2706.3	3215.0	3636.1	3915.5	4078.7	4372.4	4838.3	5320.9	5747.2
-7.5°	1830.2	2175.9	2649.3	3126.9	3515.9	3795.3	3943.2	4187.6	4625.7	5153.9	5655.4
-10°	1751.1	2048.9	2448.9	2906.0	3315.8	3578.1	3720.8	3920.5	4256.2	4840.0	5282.4
-12.5°	1573.7	1849.0	2196.9	2547.1	2881.4	3190.2	3326.0	3488.7	3729.7	4301.2	4843.3
-15°	1395.9	1639.9	1891.1	2152.1	2418.5	2598.6	2814.9	2961.2	3201.6	3696.0	4220.4
-17.5°	1246.0	1434.5	1667.0	1876.5	2053.2	2238.4	2384.8	2564.8	2771.1	3184.1	3640.6
-20°	1110.8	1310.5	1509.5	1688.8	1849.9	2012.7	2167.5	2313.9	2493.7	2829.2	3246.9

REPORT NUMBER: P902124 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1027.4	1203.8	1406.2	1554.5	1715.8	1858.2	2014.9	2148.3	2308.9	2609.1	2922.3
-25°	943.8	1122.1	1310.9	1476.7	1626.4	1784.6	1942.7	2055.7	2182.4	2431.7	2723.1
-27.5°	865.2	1035.8	1220.6	1388.8	1567.8	1738.4	1915.0	2067.6	2179.1	2326.8	2542.9
-30°	783.4	925.7	1110.5	1266.5	1450.2	1647.8	1836.3	2011.5	2133.7	2212.8	2349.5
-32.5°	675.7	797.9	929.0	1074.4	1244.8	1407.7	1583.4	1764.7	1920.6	2020.5	2062.1
-35°	547.2	636.8	732.5	829.7	937.2	1081.2	1223.3	1363.6	1492.2	1565.2	1626.0
-37.5°	424.0	491.3	560.2	623.0	670.6	746.5	834.2	916.3	1002.4	1060.4	1119.6
-40°	338.5	378.1	418.8	461.4	497.2	529.2	573.2	619.0	668.7	699.9	758.6
-42.5°	276.9	314.3	347.2	376.4	399.7	423.0	438.3	475.4	513.3	544.7	585.2
-45°	248.1	281.3	307.7	331.3	356.8	380.3	401.8	423.5	453.2	484.3	519.8
-47.5°	224.2	255.8	279.9	305.4	330.1	354.1	379.7	407.4	438.1	463.0	495.0
-50°	197.6	226.8	251.6	279.2	303.1	326.8	352.0	378.5	399.8	432.4	456.8
-52.5°	171.8	201.7	231.6	254.4	278.5	303.8	327.4	348.8	370.9	394.1	427.9
-55°	152.0	183.7	220.7	238.9	269.7	287.9	310.0	329.6	349.1	377.7	407.4
-57.5°	131.1	158.2	182.7	214.5	230.9	268.2	274.2	292.3	307.2	327.1	353.7
-60°	105.0	123.7	138.4	155.5	164.0	184.0	197.1	200.2	225.0	234.2	255.6
-62.5°	72.8	89.6	93.7	106.5	110.3	118.3	125.2	130.3	131.7	152.7	163.5
-65°	53.3	60.6	65.3	70.2	77.9	81.7	90.6	95.9	101.4	111.3	122.7
-67.5°	41.0	45.7	49.1	54.1	57.9	62.5	67.7	71.4	77.7	86.1	94.1
-70°	31.4	33.9	36.8	40.0	42.7	46.3	50.0	54.0	58.5	63.6	68.9
-72.5°	22.5	25.3	26.4	27.8	30.7	33.0	35.3	38.8	42.2	45.1	49.2
-75°	15.9	17.5	17.7	18.7	20.2	21.9	23.1	25.8	28.0	29.7	31.8
-77.5°	9.9	10.7	11.0	11.1	11.6	12.7	13.6	15.3	16.0	17.5	19.4
-80°	5.8	5.7	5.7	5.2	5.8	7.0	7.6	7.6	7.5	8.1	8.8
-82.5°	2.6	1.7	1.9	2.4	2.8	3.3	3.8	2.5	2.7	3.1	1.9
-85°	0.6	0.5	0.6	0.8	0.9	1.1	1.2	0.1	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
82.5°	3.6	3.6	3.6	4.2	4.4	4.5	4.6	4.7	4.8	4.9	4.9
80°	3.8	4.0	4.2	5.3	5.5	5.5	6.6	6.9	7.0	7.1	7.2
77.5°	5.9	6.4	6.9	7.4	7.9	8.3	8.8	9.0	9.2	9.3	9.4
75°	9.4	9.6	10.0	10.2	10.5	10.8	11.0	11.4	11.8	12.1	12.3
72.5°	12.3	12.2	12.9	13.6	14.3	14.8	15.3	15.8	16.2	16.5	16.8
70°	16.4	16.4	16.8	17.6	18.3	19.2	20.3	19.9	19.4	19.6	19.7
67.5°	20.7	21.4	21.7	21.5	22.6	24.2	25.6	25.1	24.7	25.3	25.9
65°	26.2	26.9	27.7	27.4	28.7	30.0	30.8	30.4	31.2	31.9	32.5
62.5°	31.6	33.4	33.8	35.1	35.0	36.2	37.3	36.8	37.7	38.6	39.3
60°	38.3	40.3	41.5	42.0	42.2	42.7	43.8	45.5	45.1	46.3	47.3
57.5°	47.6	48.6	49.6	50.2	50.7	51.8	52.8	54.0	53.8	55.1	56.2
55°	57.3	57.4	57.7	59.0	60.4	61.4	62.3	64.0	64.3	65.8	65.8
52.5°	66.5	68.1	69.7	70.4	72.1	72.5	74.1	76.3	76.6	78.0	79.9
50°	80.3	82.7	83.4	85.0	86.8	88.5	89.2	91.5	93.6	95.4	96.9
47.5°	102.3	104.1	105.7	106.4	109.7	111.2	111.3	114.0	118.1	122.0	125.3
45°	129.3	131.8	135.5	137.5	142.5	145.4	148.2	155.9	158.0	162.9	166.4
42.5°	160.5	163.5	167.2	171.9	177.7	182.2	186.4	190.8	200.6	208.0	215.3
40°	199.7	204.9	209.5	220.8	217.6	222.5	226.4	239.5	246.2	268.4	288.0
37.5°	343.0	361.6	365.3	364.7	332.2	367.7	369.8	409.0	412.4	479.3	552.9
35°	638.3	675.6	685.1	695.5	697.5	714.5	745.1	799.9	858.6	914.3	1007.1
32.5°	974.0	1072.4	1135.1	1171.2	1202.7	1248.2	1295.0	1343.7	1417.3	1474.1	1571.7
30°	1355.3	1541.2	1629.7	1648.4	1787.0	1874.5	1980.0	2138.8	2223.5	2325.2	2419.0
27.5°	1581.7	1821.3	1924.8	1962.7	2223.6	2284.7	2353.4	2513.8	2669.8	2806.9	2955.2
25°	1725.4	1909.9	2030.3	2157.8	2423.7	2452.9	2516.3	2714.5	2880.0	3148.7	3304.5
22.5°	1932.0	2127.1	2268.8	2473.7	2718.0	2710.9	2862.6	3047.9	3528.6	4043.8	4383.6
20°	2243.6	2452.8	2645.5	2873.5	3121.7	3222.3	3581.6	4755.3	5761.5	6536.8	6708.1
17.5°	2641.3	2866.5	3113.2	3430.0	3713.1	4427.9	6088.8	7251.1	8428.3	9426.5	9703.0
15°	3191.1	3510.5	3866.7	4211.3	4938.1	6667.7	8347.3	10179.0	12815.9	16170.1	18098.4
12.5°	3957.1	4422.5	4905.0	5323.3	6506.7	9000.4	11124.4	14916.7	22201.5	40234.8	76675.6
10°	4905.6	5609.7	6287.2	7079.3	8869.5	11427.1	14158.9	20625.4	31384.0	71160.5	205047.9
7.5°	5728.9	6598.6	7444.3	8320.1	10451.1	13326.4	17804.9	27110.3	46962.8	114781.8	317162.7
5°	6196.7	7116.6	8061.1	9058.5	11478.6	14599.8	20143.2	31264.3	57395.5	150307.1	406096.3
2.5°	6377.5	7291.9	8383.8	9359.5	11600.3	14781.5	19726.3	31334.1	55879.6	137696.4	373227.8
0°	6360.1	7263.0	8413.4	9254.4	11209.4	14380.8	18108.3	27700.4	44691.9	98732.8	262830.6
-2.5°	6230.0	7041.7	7987.9	8944.7	10422.8	13526.6	16688.7	22703.0	33900.1	67013.3	165594.1
-5°	6149.1	6841.6	7581.9	8434.8	9506.1	12140.2	15124.7	18597.4	25445.7	41682.3	77954.5
-7.5°	6014.4	6570.9	7163.9	7917.3	8622.1	10243.4	13139.6	16236.6	20165.3	25362.0	34012.7
-10°	5602.2	6072.9	6559.1	7107.1	7750.2	8530.6	10322.2	13093.1	16340.2	19660.3	23009.2
-12.5°	5137.1	5511.1	5868.7	6207.0	6786.8	7219.2	8186.7	9967.9	12751.2	16394.4	20472.8
-15°	4642.5	5021.4	5359.5	5647.5	6155.4	6531.6	7080.6	8103.5	9827.1	12595.7	16716.9
-17.5°	4062.1	4517.1	4970.7	5103.7	5609.9	6079.4	6531.7	7361.5	8584.6	10657.5	13823.0
-20°	3605.1	4037.1	4389.7	4595.7	4974.9	5451.8	5956.7	6820.0	8169.9	10281.9	13710.8

REPORT NUMBER: P902124 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3229.1	3590.9	3893.8	4117.5	4577.8	5084.7	5537.4	6385.8	7832.3	10129.1	13706.2
-25°	2985.5	3263.6	3544.5	3794.2	4172.2	4652.9	5189.0	6185.1	7681.6	10048.9	13641.6
-27.5°	2763.7	3000.6	3139.1	3381.1	3642.1	4101.0	4783.2	5757.9	7358.6	9841.4	13238.6
-30°	2509.7	2687.5	2692.4	2820.4	3101.5	3482.8	4117.4	5134.1	6724.3	9030.2	12308.5
-32.5°	2151.6	2311.5	2306.8	2355.1	2587.6	2963.6	3564.4	4549.4	6068.3	8225.3	11224.6
-35°	1676.8	1754.6	1821.9	1928.1	2160.6	2525.3	3091.1	4017.6	5360.9	7365.0	9944.7
-37.5°	1158.2	1240.2	1361.0	1507.9	1731.2	2123.6	2702.4	3556.3	4812.2	6526.2	8744.8
-40°	810.8	873.2	1003.4	1162.7	1391.2	1742.7	2230.4	3052.7	4137.6	5632.2	7490.5
-42.5°	638.9	705.1	788.2	943.0	1151.7	1496.1	1962.1	2642.9	3607.0	4847.8	6393.0
-45°	568.8	636.5	721.8	856.8	1050.2	1345.2	1774.0	2387.2	3211.6	4256.6	5503.2
-47.5°	536.6	595.8	677.5	795.3	973.0	1239.4	1616.2	2132.3	2824.7	3699.8	4697.5
-50°	500.4	554.2	632.0	741.5	904.4	1140.0	1463.3	1901.7	2481.4	3177.4	3959.4
-52.5°	462.9	521.8	593.3	695.6	840.7	1041.6	1314.4	1679.8	2138.5	2681.1	3284.2
-55°	450.4	494.9	565.2	648.2	771.6	938.2	1149.3	1429.7	1781.0	2186.2	2632.5
-57.5°	388.9	425.1	484.7	553.0	656.3	798.9	962.5	1160.6	1416.0	1710.5	2022.5
-60°	282.2	311.9	349.9	405.9	489.4	594.2	728.3	879.2	1055.4	1258.5	1470.1
-62.5°	181.0	212.1	241.4	280.6	343.7	418.9	515.5	625.0	749.7	892.3	1040.4
-65°	135.9	155.6	180.9	210.9	252.9	304.7	368.5	445.1	533.3	632.4	732.7
-67.5°	104.8	119.4	137.8	160.3	188.6	224.8	269.2	321.1	378.8	440.5	504.4
-70°	77.2	87.9	101.6	116.9	136.3	160.5	189.7	224.1	260.5	298.7	338.1
-72.5°	54.7	61.9	71.0	81.8	94.1	109.6	128.5	149.9	172.8	196.9	221.5
-75°	36.1	40.5	45.9	52.3	60.3	70.2	80.2	92.4	106.6	120.7	134.1
-77.5°	21.5	23.8	26.4	29.5	34.3	39.4	45.1	51.0	57.2	64.0	70.6
-80°	8.7	10.0	11.4	12.8	14.8	16.2	18.6	21.1	23.7	26.6	29.1
-82.5°	2.2	2.7	3.1	3.6	4.0	4.3	4.7	5.0	5.2	6.6	6.9
-85°	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P902124 (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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.2	2.2	3.6	2.2	2.2	2.2	2.2	2.2	2.2	2.1
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
82.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.7
80°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.0	6.9
77.5°	9.5	9.5	9.5	9.6	9.5	9.5	9.5	9.4	9.3	9.2	9.0
75°	12.5	12.6	12.7	12.8	12.7	12.6	12.5	12.3	12.1	11.8	11.4
72.5°	17.0	17.2	17.3	17.3	17.3	17.2	17.0	16.8	16.5	16.2	15.8
70°	21.2	21.7	21.8	21.8	21.8	21.7	21.2	19.7	19.6	19.4	19.9
67.5°	27.5	28.0	26.9	28.2	26.9	28.0	27.5	25.9	25.3	24.7	25.1
65°	33.0	33.4	33.6	33.7	33.6	33.4	33.0	32.5	31.9	31.2	30.4
62.5°	39.8	40.2	40.4	40.5	40.4	40.2	39.8	39.3	38.6	37.7	36.8
60°	48.1	48.6	49.0	47.3	49.0	48.6	48.1	47.3	46.3	45.1	45.5
57.5°	57.1	57.7	58.1	58.2	58.1	57.7	57.1	56.2	55.1	53.8	54.0
55°	66.7	67.6	68.1	68.3	68.1	67.6	66.7	65.8	65.8	64.3	64.0
52.5°	80.0	81.3	81.1	81.0	81.1	81.3	80.0	79.9	78.0	76.6	76.3
50°	97.1	98.1	98.0	98.3	98.0	98.1	97.1	96.9	95.4	93.6	91.5
47.5°	130.1	127.7	130.6	131.6	130.6	127.7	130.1	125.3	122.0	118.1	114.0
45°	173.6	176.6	180.0	181.2	180.0	176.6	173.6	166.4	162.9	158.0	155.9
42.5°	225.0	232.0	236.2	237.6	236.2	232.0	225.0	215.3	208.0	200.6	190.8
40°	296.7	309.3	319.8	322.2	319.8	309.3	296.7	288.0	268.4	246.2	239.5
37.5°	610.0	676.2	728.3	752.7	728.3	676.2	610.0	552.9	479.3	412.4	409.0
35°	1129.1	1268.6	1379.1	1420.8	1379.1	1268.6	1129.1	1007.1	914.3	858.6	799.9
32.5°	1765.4	1977.2	2144.9	2217.1	2144.9	1977.2	1765.4	1571.7	1474.1	1417.3	1343.7
30°	2597.0	2931.0	3210.0	3351.2	3210.0	2931.0	2597.0	2419.0	2325.2	2223.5	2138.8
27.5°	3172.9	3527.8	3878.5	4091.6	3878.5	3527.8	3172.9	2955.2	2806.9	2669.8	2513.8
25°	3566.2	3986.5	4395.0	4639.0	4395.0	3986.5	3566.2	3304.5	3148.7	2880.0	2714.5
22.5°	4702.7	5181.9	5614.7	5930.5	5614.7	5181.9	4702.7	4383.6	4043.8	3528.6	3047.9
20°	7047.9	7466.3	7847.6	8151.3	7847.6	7466.3	7047.9	6708.1	6536.8	5761.5	4755.3
17.5°	10992.5	11462.2	12565.8	13157.1	12565.8	11462.2	10992.5	9703.0	9426.5	8428.3	7251.1
15°	25804.5	30888.9	38686.8	37506.3	38686.8	30888.9	25804.5	18098.4	16170.1	12815.9	10179.0
12.5°	144767.9	187451.1	212257.8	207341.6	212257.8	187451.1	144767.9	76675.6	40234.8	22201.5	14916.7
10°	402467.6	592624.6	717435.3	736646.2	717435.3	592624.6	402467.6	205047.9	71160.5	31384.0	20625.4
7.5°	689209.1	#####	#####	#####	#####	#####	689209.1	317162.7	114781.8	46962.8	27110.3
5°	899473.3	#####	#####	#####	#####	#####	899473.3	406096.3	150307.1	57395.5	31264.3
2.5°	821304.5	#####	#####	#####	#####	#####	821304.5	373227.8	137696.4	55879.6	31334.1
0°	550761.7	873662.5	#####	#####	#####	873662.5	550761.7	262830.6	98732.8	44691.9	27700.4
-2.5°	302598.9	414365.0	509016.4	529885.7	509016.4	414365.0	302598.9	165594.1	67013.3	33900.1	22703.0
-5°	118579.3	153744.4	192050.5	217499.8	192050.5	153744.4	118579.3	77954.5	41682.3	25445.7	18597.4
-7.5°	46026.1	59884.4	68967.5	80903.9	68967.5	59884.4	46026.1	34012.7	25362.0	20165.3	16236.6
-10°	27585.3	33019.2	36291.8	37288.7	36291.8	33019.2	27585.3	23009.2	19660.3	16340.2	13093.1
-12.5°	24606.7	29319.0	32808.7	34300.7	32808.7	29319.0	24606.7	20472.8	16394.4	12751.2	9967.9
-15°	22699.6	29703.8	35049.3	37266.9	35049.3	29703.8	22699.6	16716.9	12595.7	9827.1	8103.5
-17.5°	19460.2	25907.7	31774.1	34224.7	31774.1	25907.7	19460.2	13823.0	10657.5	8584.6	7361.5
-20°	18709.2	24774.5	30017.4	32299.3	30017.4	24774.5	18709.2	13710.8	10281.9	8169.9	6820.0

REPORT NUMBER: P902124 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18760.8	24599.0	29491.1	31681.8	29491.1	24599.0	18760.8	13706.2	10129.1	7832.3	6385.8
-25°	18531.6	23889.9	28326.1	30171.4	28326.1	23889.9	18531.6	13641.6	10048.9	7681.6	6185.1
-27.5°	17743.3	22614.4	26458.2	27919.7	26458.2	22614.4	17743.3	13238.6	9841.4	7358.6	5757.9
-30°	16434.1	20680.8	24006.6	25298.5	24006.6	20680.8	16434.1	12308.5	9030.2	6724.3	5134.1
-32.5°	14752.6	18292.3	21052.6	22142.5	21052.6	18292.3	14752.6	11224.6	8225.3	6068.3	4549.4
-35°	12967.3	15853.3	18048.6	18947.4	18048.6	15853.3	12967.3	9944.7	7365.0	5360.9	4017.6
-37.5°	11232.4	13614.0	15374.5	16107.3	15374.5	13614.0	11232.4	8744.8	6526.2	4812.2	3556.3
-40°	9538.9	11453.6	12819.8	13366.4	12819.8	11453.6	9538.9	7490.5	5632.2	4137.6	3052.7
-42.5°	8051.4	9587.0	10655.0	11108.8	10655.0	9587.0	8051.4	6393.0	4847.8	3607.0	2642.9
-45°	6823.4	8015.6	8846.9	9171.5	8846.9	8015.6	6823.4	5503.2	4256.6	3211.6	2387.2
-47.5°	5728.2	6652.9	7299.5	7557.8	7299.5	6652.9	5728.2	4697.5	3699.8	2824.7	2132.3
-50°	4757.3	5449.1	5936.3	6130.8	5936.3	5449.1	4757.3	3959.4	3177.4	2481.4	1901.7
-52.5°	3888.9	4413.3	4781.1	4927.6	4781.1	4413.3	3888.9	3284.2	2681.1	2138.5	1679.8
-55°	3073.5	3455.6	3727.9	3839.0	3727.9	3455.6	3073.5	2632.5	2186.2	1781.0	1429.7
-57.5°	2331.3	2598.9	2790.0	2872.0	2790.0	2598.9	2331.3	2022.5	1710.5	1416.0	1160.6
-60°	1675.6	1850.4	1973.2	2018.7	1973.2	1850.4	1675.6	1470.1	1258.5	1055.4	879.2
-62.5°	1181.5	1299.8	1379.0	1407.6	1379.0	1299.8	1181.5	1040.4	892.3	749.7	625.0
-65°	826.9	904.4	955.0	972.9	955.0	904.4	826.9	732.7	632.4	533.3	445.1
-67.5°	564.3	612.5	645.1	655.8	645.1	612.5	564.3	504.4	440.5	378.8	321.1
-70°	372.9	400.4	418.5	424.1	418.5	400.4	372.9	338.1	298.7	260.5	224.1
-72.5°	243.4	260.1	271.4	274.4	271.4	260.1	243.4	221.5	196.9	172.8	149.9
-75°	146.6	156.7	163.1	164.7	163.1	156.7	146.6	134.1	120.7	106.6	92.4
-77.5°	77.0	82.7	84.7	86.4	84.7	82.7	77.0	70.6	64.0	57.2	51.0
-80°	30.0	32.3	32.7	32.8	32.7	32.3	30.0	29.1	26.6	23.7	21.1
-82.5°	7.0	7.2	7.2	7.3	7.2	7.2	7.0	6.9	6.6	5.2	5.0
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.3	3.2
82.5°	4.6	4.5	4.4	4.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6
80°	6.6	5.5	5.5	5.3	4.2	4.0	3.8	3.6	3.6	3.8	4.6
77.5°	8.8	8.3	7.9	7.4	6.9	6.4	5.9	5.8	6.5	6.0	6.2
75°	11.0	10.8	10.5	10.2	10.0	9.6	9.4	8.9	8.6	8.6	8.3
72.5°	15.3	14.8	14.3	13.6	12.9	12.2	12.3	12.3	11.5	11.6	11.4
70°	20.3	19.2	18.3	17.6	16.8	16.4	16.4	15.9	14.9	15.2	14.6
67.5°	25.6	24.2	22.6	21.5	21.7	21.4	20.7	19.4	19.1	19.1	17.7
65°	30.8	30.0	28.7	27.4	27.7	26.9	26.2	24.7	25.3	24.3	22.5
62.5°	37.3	36.2	35.0	35.1	33.8	33.4	31.6	30.8	32.0	30.6	28.5
60°	43.8	42.7	42.2	42.0	41.5	40.3	38.3	38.2	38.8	37.9	35.3
57.5°	52.8	51.8	50.7	50.2	49.6	48.6	47.6	46.1	46.7	44.8	43.3
55°	62.3	61.4	60.4	59.0	57.7	57.4	57.3	56.1	55.4	53.2	51.6
52.5°	74.1	72.5	72.1	70.4	69.7	68.1	66.5	66.8	65.0	63.6	62.3
50°	89.2	88.5	86.8	85.0	83.4	82.7	80.3	80.2	78.6	75.8	75.1
47.5°	111.3	111.2	109.7	106.4	105.7	104.1	102.3	100.0	98.9	95.8	93.2
45°	148.2	145.4	142.5	137.5	135.5	131.8	129.3	126.5	125.9	122.3	118.4
42.5°	186.4	182.2	177.7	171.9	167.2	163.5	160.5	157.6	155.0	151.6	146.8
40°	226.4	222.5	217.6	220.8	209.5	204.9	199.7	202.8	194.7	195.4	191.8
37.5°	369.8	367.7	332.2	364.7	365.3	361.6	343.0	338.9	324.9	314.8	303.0
35°	745.1	714.5	697.5	695.5	685.1	675.6	638.3	583.0	536.8	509.6	481.3
32.5°	1295.0	1248.2	1202.7	1171.2	1135.1	1072.4	974.0	853.5	763.5	706.2	655.4
30°	1980.0	1874.5	1787.0	1648.4	1629.7	1541.2	1355.3	1164.8	1026.0	885.1	815.8
27.5°	2353.4	2284.7	2223.6	1962.7	1924.8	1821.3	1581.7	1377.2	1225.6	1056.3	966.7
25°	2516.3	2452.9	2423.7	2157.8	2030.3	1909.9	1725.4	1579.8	1430.4	1237.6	1146.9
22.5°	2862.6	2710.9	2718.0	2473.7	2268.8	2127.1	1932.0	1821.5	1675.2	1483.3	1353.3
20°	3581.6	3222.3	3121.7	2873.5	2645.5	2452.8	2243.6	2161.7	1972.9	1756.6	1568.9
17.5°	6088.8	4427.9	3713.1	3430.0	3113.2	2866.5	2641.3	2515.4	2328.2	2095.0	1849.9
15°	8347.3	6667.7	4938.1	4211.3	3866.7	3510.5	3191.1	3033.8	2845.2	2595.9	2298.4
12.5°	11124.4	9000.4	6506.7	5323.3	4905.0	4422.5	3957.1	3778.2	3664.5	3315.8	2955.1
10°	14158.9	11427.1	8869.5	7079.3	6287.2	5609.7	4905.6	4538.9	4360.9	3992.1	3638.1
7.5°	17804.9	13326.4	10451.1	8320.1	7444.3	6598.6	5728.9	5080.8	4869.7	4491.2	4117.4
5°	20143.2	14599.8	11478.6	9058.5	8061.1	7116.6	6196.7	5430.0	5227.3	4822.8	4427.9
2.5°	19726.3	14781.5	11600.3	9359.5	8383.8	7291.9	6377.5	5647.0	5456.5	4986.3	4555.8
0°	18108.3	14380.8	11209.4	9254.4	8413.4	7263.0	6360.1	5749.4	5539.2	4996.7	4554.4
-2.5°	16688.7	13526.6	10422.8	8944.7	7987.9	7041.7	6230.0	5745.8	5482.7	4955.6	4509.0
-5°	15124.7	12140.2	9506.1	8434.8	7581.9	6841.6	6149.1	5747.2	5320.9	4838.3	4372.4
-7.5°	13139.6	10243.4	8622.1	7917.3	7163.9	6570.9	6014.4	5655.4	5153.9	4625.7	4187.6
-10°	10322.2	8530.6	7750.2	7107.1	6559.1	6072.9	5602.2	5282.4	4840.0	4256.2	3920.5
-12.5°	8186.7	7219.2	6786.8	6207.0	5868.7	5511.1	5137.1	4843.3	4301.2	3729.7	3488.7
-15°	7080.6	6531.6	6155.4	5647.5	5359.5	5021.4	4642.5	4220.4	3696.0	3201.6	2961.2
-17.5°	6531.7	6079.4	5609.9	5103.7	4970.7	4517.1	4062.1	3640.6	3184.1	2771.1	2564.8
-20°	5956.7	5451.8	4974.9	4595.7	4389.7	4037.1	3605.1	3246.9	2829.2	2493.7	2313.9

REPORT NUMBER: P902124 (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°	5537.4	5084.7	4577.8	4117.5	3893.8	3590.9	3229.1	2922.3	2609.1	2308.9	2148.3
-25°	5189.0	4652.9	4172.2	3794.2	3544.5	3263.6	2985.5	2723.1	2431.7	2182.4	2055.7
-27.5°	4783.2	4101.0	3642.1	3381.1	3139.1	3000.6	2763.7	2542.9	2326.8	2179.1	2067.6
-30°	4117.4	3482.8	3101.5	2820.4	2692.4	2687.5	2509.7	2349.5	2212.8	2133.7	2011.5
-32.5°	3564.4	2963.6	2587.6	2355.1	2306.8	2311.5	2151.6	2062.1	2020.5	1920.6	1764.7
-35°	3091.1	2525.3	2160.6	1928.1	1821.9	1754.6	1676.8	1626.0	1565.2	1492.2	1363.6
-37.5°	2702.4	2123.6	1731.2	1507.9	1361.0	1240.2	1158.2	1119.6	1060.4	1002.4	916.3
-40°	2230.4	1742.7	1391.2	1162.7	1003.4	873.2	810.8	758.6	699.9	668.7	619.0
-42.5°	1962.1	1496.1	1151.7	943.0	788.2	705.1	638.9	585.2	544.7	513.3	475.4
-45°	1774.0	1345.2	1050.2	856.8	721.8	636.5	568.8	519.8	484.3	453.2	423.5
-47.5°	1616.2	1239.4	973.0	795.3	677.5	595.8	536.6	495.0	463.0	438.1	407.4
-50°	1463.3	1140.0	904.4	741.5	632.0	554.2	500.4	456.8	432.4	399.8	378.5
-52.5°	1314.4	1041.6	840.7	695.6	593.3	521.8	462.9	427.9	394.1	370.9	348.8
-55°	1149.3	938.2	771.6	648.2	565.2	494.9	450.4	407.4	377.7	349.1	329.6
-57.5°	962.5	798.9	656.3	553.0	484.7	425.1	388.9	353.7	327.1	307.2	292.3
-60°	728.3	594.2	489.4	405.9	349.9	311.9	282.2	255.6	234.2	225.0	200.2
-62.5°	515.5	418.9	343.7	280.6	241.4	212.1	181.0	163.5	152.7	131.7	130.3
-65°	368.5	304.7	252.9	210.9	180.9	155.6	135.9	122.7	111.3	101.4	95.9
-67.5°	269.2	224.8	188.6	160.3	137.8	119.4	104.8	94.1	86.1	77.7	71.4
-70°	189.7	160.5	136.3	116.9	101.6	87.9	77.2	68.9	63.6	58.5	54.0
-72.5°	128.5	109.6	94.1	81.8	71.0	61.9	54.7	49.2	45.1	42.2	38.8
-75°	80.2	70.2	60.3	52.3	45.9	40.5	36.1	31.8	29.7	28.0	25.8
-77.5°	45.1	39.4	34.3	29.5	26.4	23.8	21.5	19.4	17.5	16.0	15.3
-80°	18.6	16.2	14.8	12.8	11.4	10.0	8.7	8.8	8.1	7.5	7.6
-82.5°	4.7	4.3	4.0	3.6	3.1	2.7	2.2	1.9	3.1	2.7	2.5
-85°	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P902124 (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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7
85°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
82.5°	3.6	3.6	3.6	3.6	3.6	3.4	3.1	2.8	2.6	2.3	2.0
80°	4.3	4.0	3.7	3.6	3.6	3.7	4.2	3.8	3.4	3.1	2.7
77.5°	5.9	5.5	5.1	4.7	4.4	4.4	5.2	4.8	4.3	3.9	3.4
75°	7.5	6.9	6.8	6.5	6.1	6.4	6.5	6.0	5.2	4.9	4.5
72.5°	11.2	10.4	9.7	9.0	8.7	8.5	8.1	7.8	6.8	6.0	5.8
70°	14.7	14.0	14.0	12.7	11.9	10.6	10.3	9.7	8.9	8.0	7.1
67.5°	18.8	17.0	17.0	16.3	15.7	13.7	12.7	11.5	11.0	9.9	8.7
65°	23.5	21.3	20.8	20.2	19.4	17.1	16.0	13.7	12.9	11.7	10.4
62.5°	28.5	27.0	25.5	24.5	23.6	21.8	19.8	17.3	15.3	13.7	12.2
60°	34.2	33.3	31.8	30.4	29.1	27.2	24.9	21.7	19.6	16.0	14.8
57.5°	42.0	40.6	39.0	37.2	35.7	33.1	30.2	26.6	24.1	20.1	17.5
55°	50.2	48.2	46.5	45.1	43.3	39.6	36.8	31.7	28.9	24.4	20.1
52.5°	59.8	57.8	55.0	53.9	50.9	46.9	44.1	38.8	34.0	28.4	23.8
50°	72.5	70.3	67.1	64.1	59.8	56.6	52.6	46.8	40.1	34.0	28.0
47.5°	90.5	87.4	82.9	79.0	73.5	69.0	63.1	57.1	49.4	40.2	32.8
45°	113.6	109.7	104.6	97.8	91.3	85.0	77.0	69.0	60.0	48.8	39.4
42.5°	140.2	135.8	129.9	121.6	112.7	103.7	93.4	82.7	74.5	63.0	50.4
40°	182.8	172.3	170.9	161.8	146.9	134.4	123.1	110.3	94.8	80.1	64.3
37.5°	288.2	268.2	256.8	244.4	221.9	194.1	166.1	147.4	126.6	99.9	81.1
35°	453.8	421.2	388.9	355.3	315.9	276.3	235.8	198.1	167.2	133.6	103.2
32.5°	612.3	567.2	522.3	474.2	428.6	372.3	315.1	263.0	215.5	172.6	132.4
30°	762.8	705.9	648.6	583.3	538.6	461.6	392.9	326.9	270.2	213.3	165.8
27.5°	911.4	848.0	780.1	700.0	638.8	550.8	473.1	395.9	327.5	260.8	201.1
25°	1073.4	997.3	919.0	833.3	749.2	657.8	561.3	482.7	392.0	315.2	237.9
22.5°	1248.3	1159.0	1069.5	972.0	874.4	768.7	671.2	572.7	474.7	375.9	288.9
20°	1426.2	1327.8	1226.2	1118.7	1003.9	895.7	781.8	675.6	558.3	450.6	346.8
17.5°	1660.3	1540.2	1414.5	1308.3	1167.6	1033.8	922.2	781.5	658.2	541.4	407.0
15°	2063.3	1874.8	1790.4	1589.2	1422.0	1259.1	1077.0	920.5	782.3	635.1	479.4
12.5°	2693.0	2531.5	2351.0	2125.2	1813.2	1509.6	1285.9	1088.9	907.8	733.7	564.3
10°	3348.4	3189.9	3052.0	2672.9	2207.1	1784.6	1504.1	1242.6	1021.1	833.0	647.8
7.5°	3825.7	3622.5	3432.5	3087.3	2558.4	1985.7	1641.5	1359.6	1128.7	929.2	721.6
5°	4114.6	3854.7	3634.9	3249.9	2677.9	2100.1	1759.2	1462.5	1209.0	983.9	757.4
2.5°	4232.5	3963.7	3712.6	3307.7	2729.5	2160.3	1815.9	1512.8	1253.4	1022.6	790.2
0°	4224.0	4013.7	3721.6	3276.5	2723.6	2195.3	1860.7	1557.2	1293.3	1057.6	820.0
-2.5°	4173.1	3990.6	3700.6	3261.2	2729.6	2221.4	1879.4	1571.7	1300.8	1055.7	814.7
-5°	4078.7	3915.5	3636.1	3215.0	2706.3	2223.9	1886.2	1580.2	1303.3	1049.7	806.2
-7.5°	3943.2	3795.3	3515.9	3126.9	2649.3	2175.9	1830.2	1525.9	1261.5	1025.1	794.3
-10°	3720.8	3578.1	3315.8	2906.0	2448.9	2048.9	1751.1	1454.0	1185.6	952.2	739.2
-12.5°	3326.0	3190.2	2881.4	2547.1	2196.9	1849.0	1573.7	1327.6	1099.3	875.7	672.2
-15°	2814.9	2598.6	2418.5	2152.1	1891.1	1639.9	1395.9	1175.4	980.4	792.4	602.4
-17.5°	2384.8	2238.4	2053.2	1876.5	1667.0	1434.5	1246.0	1046.8	861.6	705.0	539.5
-20°	2167.5	2012.7	1849.9	1688.8	1509.5	1310.5	1110.8	949.7	774.7	619.8	485.5

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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°	2014.9	1858.2	1715.8	1554.5	1406.2	1203.8	1027.4	860.1	711.7	559.8	434.4
-25°	1942.7	1784.6	1626.4	1476.7	1310.9	1122.1	943.8	795.6	652.1	522.0	391.3
-27.5°	1915.0	1738.4	1567.8	1388.8	1220.6	1035.8	865.2	731.8	602.8	486.8	364.4
-30°	1836.3	1647.8	1450.2	1266.5	1110.5	925.7	783.4	660.2	550.5	443.8	334.2
-32.5°	1583.4	1407.7	1244.8	1074.4	929.0	797.9	675.7	572.3	489.1	386.2	300.7
-35°	1223.3	1081.2	937.2	829.7	732.5	636.8	547.2	472.5	401.1	323.6	259.1
-37.5°	834.2	746.5	670.6	623.0	560.2	491.3	424.0	375.0	320.2	261.4	212.9
-40°	573.2	529.2	497.2	461.4	418.8	378.1	338.5	300.0	254.3	217.7	174.9
-42.5°	438.3	423.0	399.7	376.4	347.2	314.3	276.9	244.3	214.4	180.7	143.2
-45°	401.8	380.3	356.8	331.3	307.7	281.3	248.1	218.1	185.4	150.5	118.5
-47.5°	379.7	354.1	330.1	305.4	279.9	255.8	224.2	193.2	162.8	131.5	103.8
-50°	352.0	326.8	303.1	279.2	251.6	226.8	197.6	169.2	141.9	115.9	92.1
-52.5°	327.4	303.8	278.5	254.4	231.6	201.7	171.8	148.1	124.4	100.7	80.9
-55°	310.0	287.9	269.7	238.9	220.7	183.7	152.0	127.2	107.7	88.6	70.4
-57.5°	274.2	268.2	230.9	214.5	182.7	158.2	131.1	107.3	90.6	76.0	60.3
-60°	197.1	184.0	164.0	155.5	138.4	123.7	105.0	86.4	72.8	63.3	49.6
-62.5°	125.2	118.3	110.3	106.5	93.7	89.6	72.8	67.3	54.1	50.6	39.0
-65°	90.6	81.7	77.9	70.2	65.3	60.6	53.3	49.3	42.8	38.8	31.9
-67.5°	67.7	62.5	57.9	54.1	49.1	45.7	41.0	37.2	33.1	29.8	24.9
-70°	50.0	46.3	42.7	40.0	36.8	33.9	31.4	27.5	24.7	22.4	18.4
-72.5°	35.3	33.0	30.7	27.8	26.4	25.3	22.5	20.0	17.7	15.4	14.3
-75°	23.1	21.9	20.2	18.7	17.7	17.5	15.9	13.2	12.0	11.1	10.2
-77.5°	13.6	12.7	11.6	11.1	11.0	10.7	9.9	8.5	8.3	7.0	6.8
-80°	7.6	7.0	5.8	5.2	5.7	5.7	5.8	4.6	5.1	4.5	4.6
-82.5°	3.8	3.3	2.8	2.4	1.9	1.7	2.6	2.2	3.4	2.9	2.5
-85°	1.2	1.1	0.9	0.8	0.6	0.5	0.6	0.3	1.7	1.5	1.4
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.8	0.6	0.4	0.2	0.0
85°	1.2	1.0	1.6	1.2	0.8	0.4	0.0
82.5°	1.7	1.5	2.3	1.8	1.2	0.6	0.0
80°	2.3	2.1	3.1	2.3	1.6	0.8	0.0
77.5°	2.9	2.6	3.7	2.9	1.9	1.0	0.0
75°	3.5	3.2	4.1	3.5	2.3	1.2	0.0
72.5°	4.5	3.8	4.5	3.8	2.7	1.4	0.0
70°	5.6	4.6	4.9	4.1	3.1	1.5	0.0
67.5°	6.7	5.7	5.3	4.4	3.4	1.7	0.0
65°	8.1	6.7	5.9	4.7	3.7	1.9	0.0
62.5°	9.6	7.8	6.8	5.0	4.0	2.1	0.0
60°	11.2	9.1	7.7	5.3	4.2	2.2	0.0
57.5°	12.7	10.5	8.7	5.6	4.4	2.4	0.0
55°	15.3	12.0	9.7	6.6	4.7	2.6	0.0
52.5°	18.1	13.5	10.9	7.6	5.0	2.7	0.0
50°	21.1	15.4	12.6	8.7	5.3	2.9	0.0
47.5°	24.4	18.7	14.5	9.9	5.6	3.0	0.0
45°	30.1	22.3	17.0	11.1	5.9	3.2	0.0
42.5°	36.5	26.2	19.9	12.3	6.2	3.3	0.0
40°	45.1	30.3	23.0	14.1	6.5	3.4	0.0
37.5°	57.5	34.7	26.5	16.4	6.8	3.6	0.0
35°	74.8	45.2	31.5	19.8	7.9	3.7	0.0
32.5°	95.2	60.1	37.7	23.9	9.2	3.9	0.0
30°	116.9	76.0	44.3	28.4	10.6	4.1	0.0
27.5°	144.1	92.8	55.7	33.3	12.2	4.2	0.0
25°	174.1	110.2	68.4	38.4	13.8	4.4	0.0
22.5°	205.4	131.6	81.8	43.8	15.5	4.5	0.0
20°	238.9	162.5	95.9	49.3	17.2	4.7	0.0
17.5°	290.7	194.8	110.5	55.6	18.9	4.8	0.0
15°	352.2	229.2	125.3	62.1	20.6	4.9	0.0
12.5°	414.1	265.6	139.4	68.5	22.2	5.0	0.0
10°	475.8	297.1	153.0	74.9	23.8	5.1	0.0
7.5°	515.5	323.1	166.1	81.1	25.3	5.2	0.0
5°	546.0	347.4	178.7	87.0	26.7	5.3	0.0
2.5°	574.1	369.9	190.8	92.6	28.0	5.4	0.0
0°	599.8	390.4	202.1	97.8	29.1	5.4	0.0
-2.5°	591.9	382.1	196.5	95.5	28.9	5.5	0.0
-5°	581.4	371.7	190.2	92.6	28.5	5.6	0.0
-7.5°	568.3	359.3	183.1	89.4	27.9	5.6	0.0
-10°	543.5	344.9	175.4	85.9	27.2	5.6	0.0
-12.5°	490.3	321.2	167.1	82.0	26.3	5.6	0.0
-15°	435.9	288.1	157.5	77.9	25.4	5.6	0.0
-17.5°	380.7	256.4	145.7	73.6	24.3	5.6	0.0
-20°	335.2	226.6	133.8	69.0	23.1	5.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	310.2	198.1	122.1	64.1	21.8	5.5	0.0
-25°	286.7	180.3	110.5	59.1	20.5	5.4	0.0
-27.5°	263.6	165.6	99.2	54.1	19.0	5.3	0.0
-30°	239.9	149.7	88.5	49.1	17.5	5.1	0.0
-32.5°	210.8	132.6	79.8	44.2	15.9	5.0	0.0
-35°	179.5	114.3	71.1	39.4	14.3	4.9	0.0
-37.5°	148.9	97.5	63.1	35.2	13.0	4.7	0.0
-40°	124.1	86.4	57.1	32.4	12.6	4.6	0.0
-42.5°	105.0	76.3	51.3	29.7	12.1	4.5	0.0
-45°	90.0	67.1	45.8	27.3	11.6	4.4	0.0
-47.5°	76.5	58.9	40.6	24.8	11.1	4.2	0.0
-50°	69.0	51.7	35.9	22.3	10.5	4.1	0.0
-52.5°	62.3	46.4	31.4	19.8	9.8	3.9	0.0
-55°	55.6	41.2	28.0	17.3	9.1	3.7	0.0
-57.5°	48.2	35.8	24.7	14.8	8.4	3.5	0.0
-60°	40.6	30.2	21.3	13.4	7.6	3.3	0.0
-62.5°	33.3	25.3	17.7	12.1	6.8	3.0	0.0
-65°	26.0	21.0	14.1	10.8	6.0	2.8	0.0
-67.5°	20.4	16.9	11.3	9.4	5.3	2.6	0.0
-70°	16.3	12.8	9.5	8.0	4.7	2.3	0.0
-72.5°	12.3	9.9	7.7	6.6	4.1	2.0	0.0
-75°	8.9	8.0	6.0	5.3	3.6	1.8	0.0
-77.5°	6.5	6.1	4.4	4.5	3.0	1.5	0.0
-80°	4.1	4.2	3.2	3.6	2.4	1.2	0.0
-82.5°	1.8	2.9	2.4	2.7	1.8	0.9	0.0
-85°	1.2	1.9	1.6	1.8	1.2	0.6	0.0
-87.5°	0.6	1.0	0.8	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)