

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: P902122 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S2-ZVP418L**

Issue Date: 11/14/2024

Test Information

Test Method: LM-79-08
Report Number: P902122 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2006035)
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-S2-ZVP418L
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND S2-ZVP418L OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 1V
Luminaire Lumens:	116018.4 lumens	Max Intensity:	2739368.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	82.1 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

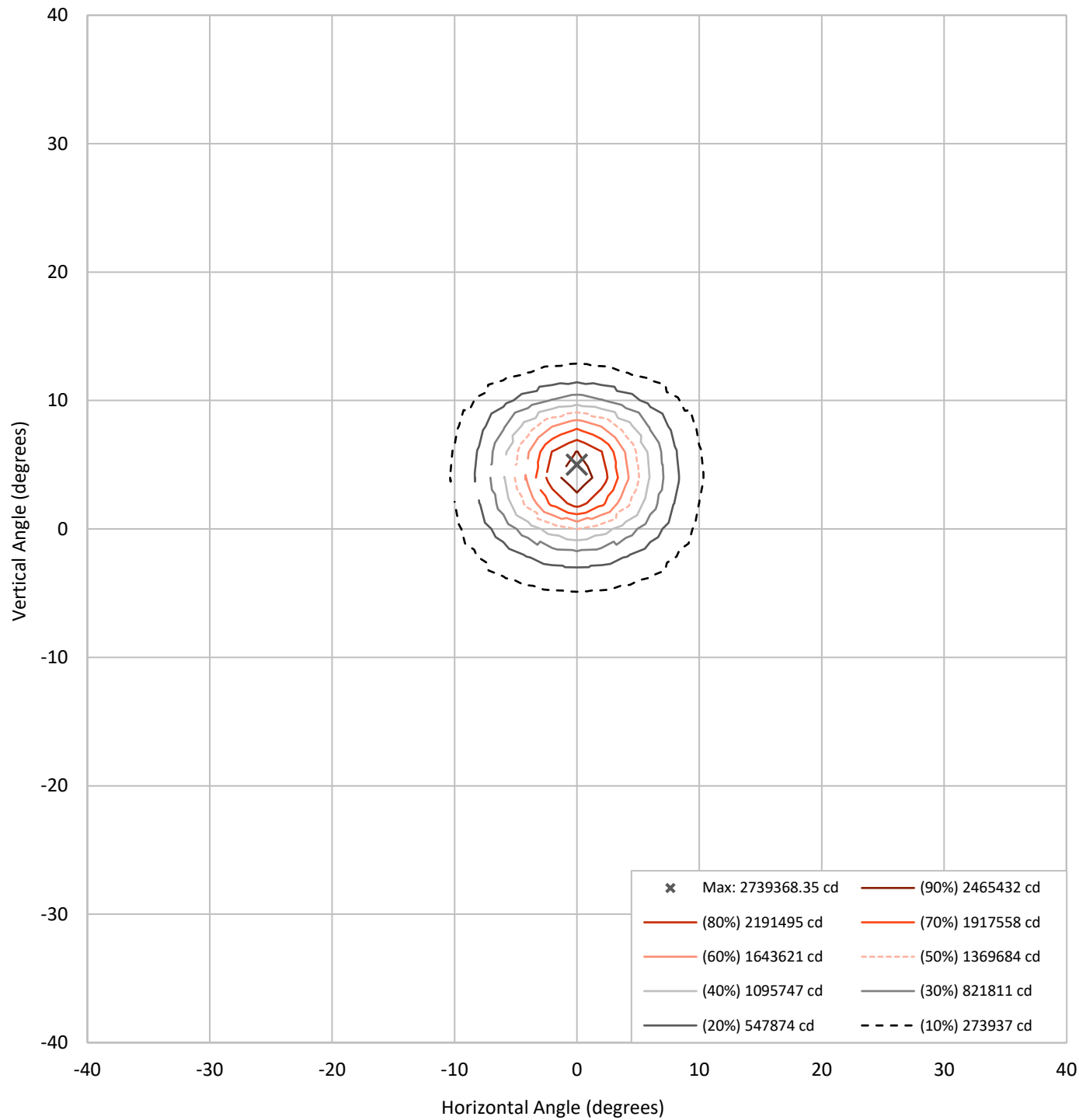
Beam Angle (50%):	10.3°H x 9.1°V	Field Angle (10%):	20.9°H x 17°V
Beam Lumens:	43145.5 lumens	Field Lumens:	88166.4 lumens
Beam Efficiency:	37.2%	Field Efficiency:	76.0%

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



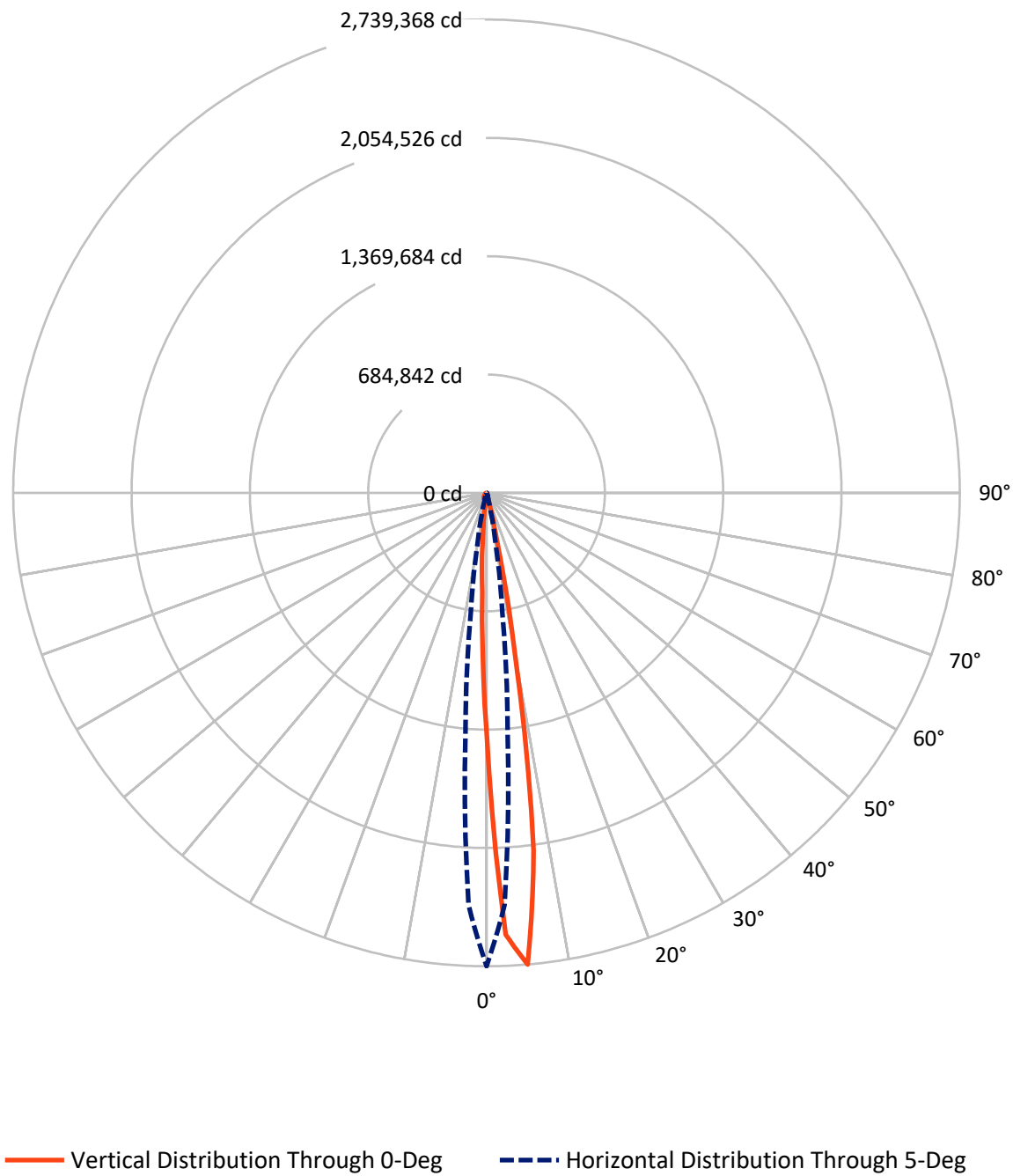
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Lumen Table

90																			
80	0.1	0.3		0.5		0.9		1.1		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		0.5	0.8	1.2	1.5	1.7	2.0	2.2	2.2	2.0	1.7	1.5	1.2	0.8	0.5				
50	1.1	1.0	2.0	2.8	3.4	4.1	4.9	5.9	5.9	4.9	4.1	3.4	2.8	2.0	1.0	1.1			
40		2.9	7.0	11.6	17.4	23.9	31.3	43.6	43.6	31.3	23.9	17.4	11.6	7.0	2.9				
30	4.9	6.7	16.7	25.8	44.4	70.9	100.8	147.7	147.7	100.8	70.9	44.4	25.8	16.7	6.7	4.9			
20		13.2	29.7	49.9	85.3	149.5	579.8	3850.9	3850.9	579.8	149.5	85.3	49.9	29.7	13.2				
10	10.2	21.2	48.9	84.9	146.0	304.4	2262.5	35595.7	35595.7	2262.5	304.4	146.0	84.9	48.9	21.2	10.2			
0		22.7	51.7	89.2	150.7	267.3	1133.1	8047.6	8047.6	1133.1	267.3	150.7	89.2	51.7	22.7				
-10	6.6	17.0	39.8	65.3	108.6	173.7	336.9	905.3	905.3	336.9	173.7	108.6	65.3	39.8	17.0	6.6			
-20		10.6	26.2	43.8	69.5	114.3	248.1	746.8	746.8	248.1	114.3	69.5	43.8	26.2	10.6				
-30	2.5	6.9	15.8	26.0	37.6	62.0	173.6	493.2	493.2	173.6	62.0	37.6	26.0	15.8	6.9	2.5			
-40		3.0	6.0	9.3	14.7	31.9	101.6	247.8	247.8	101.6	31.9	14.7	9.3	6.0	3.0				
-50	0.7	1.7	3.9	6.4	10.4	21.0	52.8	103.5	103.5	52.8	21.0	10.4	6.4	3.9	1.7	0.7			
-60		0.7	1.4	2.3	3.7	7.5	16.4	27.8	27.8	16.4	7.5	3.7	2.3	1.4	0.7				
-70	0.1	0.6	1.5	5.2	10.1	5.2	1.5	0.6	0.1	0.6	1.5	5.2	10.1	5.2	1.5	0.1			
-80		0.1	0.6	1.5	5.2	10.1	5.2	1.5	0.6	0.1	0.6	1.5	5.2	10.1	5.2				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

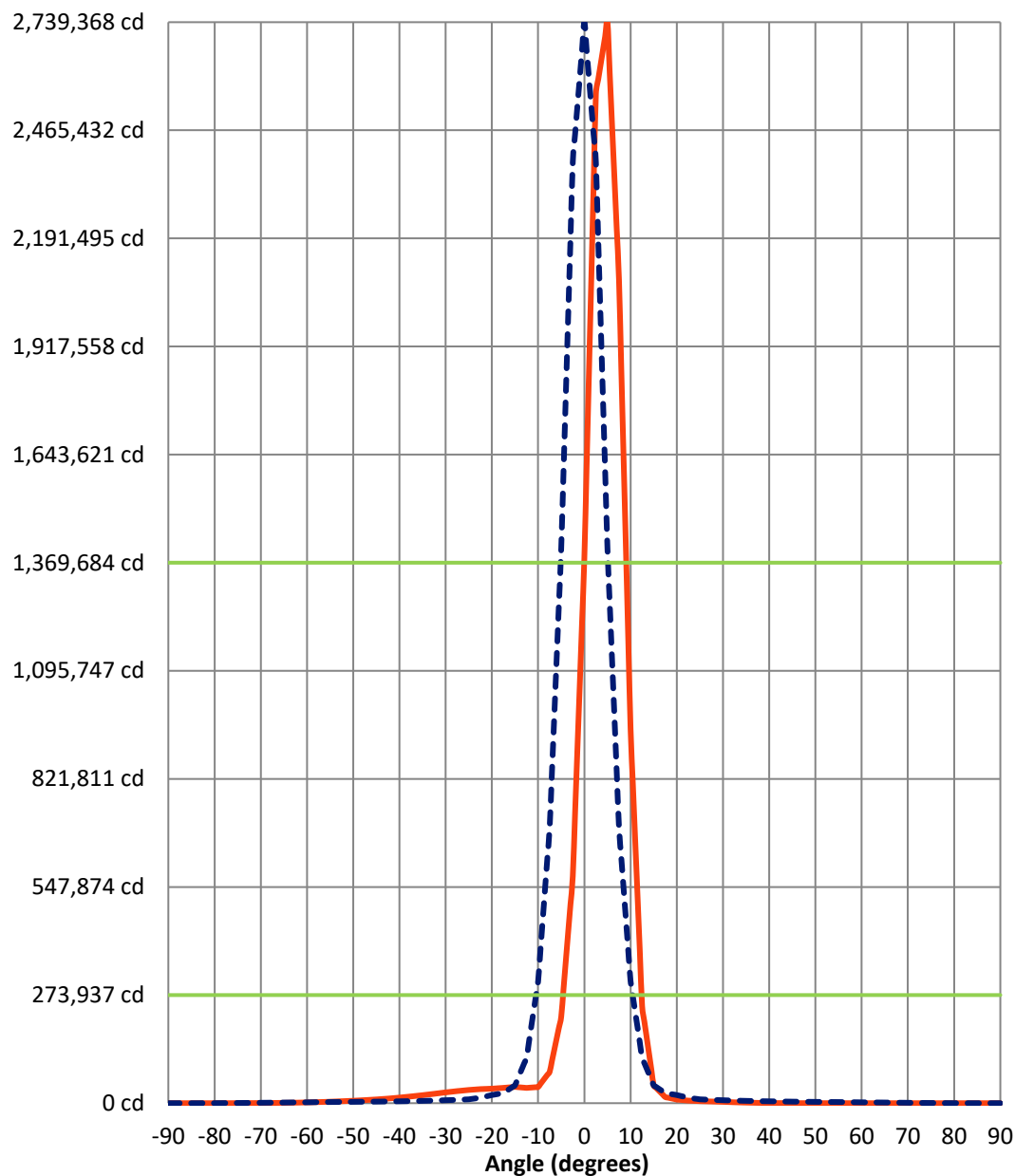
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 10.3°
V Angle: 9.1°
Lumens: 43145.5
Efficiency: 37.2%

Field:
H Angle: 20.9°
V Angle: 17°
Lumens: 88166.4
Efficiency: 76.0%

Spill:
Lumens: 27852
Efficiency: 24.0%

— 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	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.4	0.8	1.2	0.8	1.0	1.2	1.4	1.5	1.7	1.9
82.5°	0.0	0.6	1.2	1.8	1.2	1.5	1.7	2.0	2.3	2.6	2.8
80°	0.0	0.8	1.6	2.3	1.6	2.1	2.4	2.7	3.1	3.4	3.8
77.5°	0.0	1.0	1.9	2.9	2.2	3.1	3.0	3.4	3.9	4.3	4.8
75°	0.0	1.2	2.3	3.5	3.0	4.0	3.8	4.5	4.9	5.2	6.0
72.5°	0.0	1.4	2.7	3.8	3.8	5.0	4.8	5.8	6.0	6.8	7.8
70°	0.0	1.5	3.1	4.1	4.5	5.8	5.9	7.1	8.0	8.9	9.8
67.5°	0.0	1.7	3.4	4.4	5.2	6.4	6.8	8.7	9.9	11.4	12.3
65°	0.0	1.9	3.7	4.7	5.9	7.1	8.2	10.4	11.8	14.1	15.3
62.5°	0.0	2.1	4.0	5.0	6.6	7.9	10.2	12.2	13.9	17.1	19.1
60°	0.0	2.2	4.2	5.3	7.3	9.3	12.2	14.8	16.0	21.2	23.6
57.5°	0.0	2.4	4.4	5.6	7.9	11.2	14.4	17.5	20.2	25.4	29.5
55°	0.0	2.6	4.7	6.5	8.6	13.0	16.6	20.1	24.9	30.4	35.3
52.5°	0.0	2.7	5.0	7.4	9.4	14.9	19.0	24.1	29.4	35.8	41.6
50°	0.0	2.9	5.3	8.5	11.3	16.9	21.5	28.5	36.0	42.3	49.0
47.5°	0.0	3.0	5.6	9.7	13.4	19.9	24.5	33.2	43.2	52.7	60.6
45°	0.0	3.2	5.9	10.9	16.3	23.6	30.9	40.0	52.4	65.0	75.1
42.5°	0.0	3.3	6.2	12.3	19.4	27.8	38.1	52.4	68.0	81.7	92.5
40°	0.0	3.4	6.5	13.9	22.8	32.6	47.8	67.7	86.7	104.0	123.5
37.5°	0.0	3.6	6.8	15.8	26.4	37.9	61.0	85.7	108.3	137.5	163.0
35°	0.0	3.7	7.8	18.7	31.7	48.7	78.6	109.2	143.8	179.9	214.3
32.5°	0.0	3.9	8.9	22.2	38.1	63.3	99.4	139.8	184.5	229.7	279.8
30°	0.0	4.1	10.0	26.0	44.9	78.8	121.4	174.3	227.1	286.6	346.0
27.5°	0.0	4.2	11.3	30.0	54.8	95.2	148.8	210.5	276.2	346.0	417.9
25°	0.0	4.4	12.6	34.2	65.5	112.2	179.0	248.3	331.6	412.6	506.3
22.5°	0.0	4.5	14.0	38.6	76.8	132.2	210.6	300.2	393.0	496.5	598.0
20°	0.0	4.7	15.3	43.1	88.4	158.7	244.6	359.0	468.9	581.8	707.5
17.5°	0.0	4.8	16.7	47.9	100.3	186.4	293.8	420.3	562.0	687.4	823.0
15°	0.0	4.9	18.0	52.9	112.4	216.2	351.1	493.5	658.3	824.4	985.0
12.5°	0.0	5.0	19.3	57.7	124.1	248.1	408.9	579.9	768.1	965.3	1186.8
10°	0.0	5.1	20.5	62.5	135.5	276.6	466.8	665.9	887.1	1114.0	1376.9
7.5°	0.0	5.2	21.7	67.0	146.5	301.0	507.4	743.2	1005.1	1259.5	1533.8
5°	0.0	5.3	22.7	71.4	157.2	323.8	540.2	784.6	1069.3	1362.5	1669.5
2.5°	0.0	5.4	23.7	75.4	167.2	344.7	570.5	822.6	1112.2	1408.6	1717.5
0°	0.0	5.4	24.5	79.1	176.6	363.6	598.0	856.9	1150.4	1449.0	1759.3
-2.5°	0.0	5.5	24.5	78.0	172.7	357.5	590.2	849.9	1144.7	1449.1	1764.6
-5°	0.0	5.6	24.3	76.5	168.0	349.2	579.5	839.1	1134.1	1443.5	1763.1
-7.5°	0.0	5.6	24.0	74.6	162.6	338.9	565.8	824.5	1104.5	1395.0	1702.6
-10°	0.0	5.6	23.6	72.4	156.7	326.5	541.2	768.4	1026.9	1312.8	1624.7
-12.5°	0.0	5.6	23.0	69.9	150.1	305.0	490.6	700.8	945.3	1216.7	1474.1
-15°	0.0	5.6	22.4	67.2	142.3	274.2	438.7	630.4	850.3	1067.3	1287.1
-17.5°	0.0	5.6	21.6	64.2	131.6	244.8	385.8	561.1	743.8	919.2	1118.4
-20°	0.0	5.5	20.8	60.7	121.0	217.2	339.0	495.8	640.9	805.6	979.8

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CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2-ZVP418L

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	19.9	56.6	110.4	190.6	307.0	433.6	566.8	719.4	857.0
-25°	0.0	5.4	18.9	52.4	99.9	171.9	277.3	381.3	518.7	639.8	792.0
-27.5°	0.0	5.3	17.8	48.2	89.7	155.9	248.9	353.5	476.3	601.0	733.8
-30°	0.0	5.1	16.6	44.1	80.0	139.4	222.5	323.8	435.2	562.8	685.1
-32.5°	0.0	5.0	15.4	40.1	72.3	122.7	197.6	292.2	388.4	515.3	622.1
-35°	0.0	4.9	14.1	36.2	64.6	105.7	170.8	254.6	334.3	431.6	540.3
-37.5°	0.0	4.7	13.0	32.9	57.7	91.0	145.0	212.6	278.4	348.4	423.3
-40°	0.0	4.6	12.6	30.6	52.6	81.5	123.9	177.5	230.7	277.5	327.8
-42.5°	0.0	4.5	12.1	28.4	47.6	72.6	105.9	146.9	189.7	228.7	255.1
-45°	0.0	4.4	11.6	26.1	42.8	64.3	90.5	121.4	155.4	194.6	226.4
-47.5°	0.0	4.2	11.1	23.8	38.1	56.6	76.6	105.7	135.3	170.2	201.4
-50°	0.0	4.1	10.5	21.5	33.8	49.6	68.6	93.3	119.1	149.0	177.3
-52.5°	0.0	3.9	9.8	19.3	29.6	44.5	61.4	80.9	102.0	128.2	153.2
-55°	0.0	3.7	9.1	17.0	26.4	39.3	54.3	68.9	87.7	108.0	129.2
-57.5°	0.0	3.5	8.4	14.8	23.5	34.0	46.4	58.6	73.5	88.9	108.0
-60°	0.0	3.3	7.6	13.4	20.4	28.4	38.9	47.7	59.8	71.7	86.3
-62.5°	0.0	3.0	6.8	12.1	17.2	23.6	31.8	37.1	48.1	53.9	66.6
-65°	0.0	2.8	6.0	10.8	13.9	19.5	25.0	30.5	36.9	42.0	47.8
-67.5°	0.0	2.6	5.3	9.4	11.3	15.5	19.5	23.7	28.2	32.1	35.8
-70°	0.0	2.3	4.7	8.0	9.5	11.5	15.1	17.3	21.2	24.0	26.5
-72.5°	0.0	2.0	4.1	6.6	7.7	8.7	10.8	13.4	14.8	17.5	19.2
-75°	0.0	1.8	3.6	5.3	6.0	7.1	7.2	9.6	10.9	11.8	13.0
-77.5°	0.0	1.5	3.0	4.5	4.4	5.6	5.4	6.6	6.9	7.4	8.4
-80°	0.0	1.2	2.4	3.6	3.2	4.0	3.5	4.5	4.5	3.5	4.4
-82.5°	0.0	0.9	1.8	2.7	2.4	2.9	1.8	2.5	2.9	1.7	2.1
-85°	0.0	0.6	1.2	1.8	1.6	1.9	1.2	1.4	1.5	0.1	0.2
-87.5°	0.0	0.3	0.6	0.9	0.8	1.0	0.6	0.7	0.8	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):

	-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	3.9	4.1	4.4	3.7	3.6	3.6	3.6	3.6
80°	4.2	4.5	4.9	5.2	5.5	5.5	4.5	4.6	3.8	3.6	3.6
77.5°	5.2	5.7	6.1	6.5	5.9	5.5	5.9	6.2	5.2	5.1	5.4
75°	6.5	6.8	7.3	7.8	7.7	7.5	7.4	8.3	8.0	8.1	8.8
72.5°	8.1	8.7	9.0	9.0	10.1	10.3	10.4	11.4	11.6	11.5	12.3
70°	10.7	11.6	11.9	12.3	12.7	14.1	14.3	14.6	15.3	15.7	15.9
67.5°	13.3	15.1	15.7	16.1	16.7	18.7	18.9	19.0	19.3	20.9	20.7
65°	17.2	18.8	20.5	20.3	21.6	23.2	23.7	24.0	24.5	26.2	26.4
62.5°	21.6	23.6	25.5	25.9	27.3	28.9	29.2	30.0	31.3	32.0	32.0
60°	27.0	29.0	30.9	32.2	33.6	35.2	35.9	36.5	38.1	38.8	38.9
57.5°	32.8	34.9	37.5	39.0	40.8	42.4	42.6	43.6	46.0	46.7	47.3
55°	39.0	41.9	45.1	47.0	48.7	50.3	51.2	53.4	55.0	55.9	56.8
52.5°	46.2	50.3	53.5	56.3	58.4	60.6	61.8	64.1	65.8	66.2	66.8
50°	55.6	60.7	64.0	68.5	72.3	74.1	75.9	77.9	79.3	79.1	80.2
47.5°	67.1	73.0	79.9	85.4	90.2	93.2	95.5	97.2	97.7	100.9	101.7
45°	83.3	92.1	100.6	106.6	112.7	116.5	119.0	121.9	124.1	127.7	128.3
42.5°	104.5	118.0	128.2	136.2	141.9	145.7	147.7	152.7	157.0	159.9	160.9
40°	140.7	156.7	169.9	183.5	191.1	192.5	201.5	208.3	210.2	210.9	216.3
37.5°	188.3	219.2	247.4	267.8	277.4	292.1	315.2	334.0	346.5	354.4	359.6
35°	255.8	298.0	342.6	384.5	417.7	446.8	489.5	532.6	565.8	593.5	618.5
32.5°	330.7	390.2	470.9	560.0	570.2	603.6	660.2	730.6	800.9	864.5	928.1
30°	407.7	478.5	611.6	774.9	726.6	742.0	807.6	892.1	981.6	1077.8	1197.1
27.5°	492.5	571.8	742.6	963.0	877.7	881.1	937.6	1023.3	1124.9	1237.7	1380.7
25°	586.0	686.0	841.1	1056.9	1041.7	1025.2	1080.8	1157.4	1259.3	1377.2	1519.8
22.5°	700.7	797.2	952.0	1186.7	1197.3	1191.9	1246.3	1328.7	1431.3	1557.1	1719.6
20°	818.1	935.6	1061.0	1268.9	1361.0	1378.1	1433.6	1530.6	1650.5	1792.3	2008.1
17.5°	973.0	1085.8	1230.0	1414.2	1538.1	1589.0	1657.9	1794.2	1951.5	2162.1	2457.2
15°	1141.7	1312.8	1457.2	1627.7	1805.3	1875.2	2010.1	2174.8	2389.0	2716.5	3001.4
12.5°	1384.0	1565.5	1780.4	1989.2	2154.4	2305.9	2493.5	2706.0	2985.5	3428.6	3651.8
10°	1637.6	1862.4	2136.4	2371.8	2583.6	2769.1	3010.1	3286.3	3615.1	4038.9	4347.8
7.5°	1807.7	2085.2	2460.2	2731.7	2917.9	3134.2	3418.1	3710.3	4057.7	4466.4	4886.4
5°	1957.5	2222.6	2598.2	2900.8	3125.7	3369.7	3657.2	3961.8	4354.6	4784.8	5263.1
2.5°	2017.5	2293.9	2666.8	2981.0	3229.7	3491.8	3773.7	4096.8	4532.6	5003.8	5510.0
0°	2064.2	2337.3	2679.9	2980.8	3259.7	3535.0	3823.5	4168.5	4614.5	5160.5	5618.8
-2.5°	2078.7	2361.2	2692.8	2991.0	3269.8	3530.3	3824.7	4186.2	4630.1	5205.6	5612.0
-5°	2081.1	2362.1	2681.8	2992.0	3266.5	3505.5	3784.7	4126.7	4545.4	5049.0	5542.4
-7.5°	2020.0	2311.6	2637.7	2970.7	3220.6	3429.4	3689.3	4002.6	4372.1	4811.7	5338.0
-10°	1934.2	2189.6	2506.4	2861.3	3105.0	3257.6	3486.9	3770.2	4092.3	4484.4	4942.0
-12.5°	1736.2	1996.8	2322.6	2647.7	2818.3	2960.3	3156.6	3401.5	3684.2	4025.3	4414.3
-15°	1528.3	1749.2	2053.3	2366.2	2463.3	2554.6	2748.4	2964.0	3220.5	3510.6	3855.6
-17.5°	1314.0	1480.8	1804.1	2080.2	2125.5	2212.1	2360.1	2580.6	2805.1	3046.5	3360.4
-20°	1120.2	1314.9	1601.2	1860.9	1876.6	1969.7	2121.1	2329.8	2532.2	2747.8	3005.2

REPORT NUMBER: P902122 (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°	1015.6	1174.4	1492.2	1685.5	1699.2	1793.1	1963.7	2160.3	2357.3	2557.5	2770.0
-25°	918.7	1104.6	1390.7	1547.0	1558.6	1666.6	1830.5	2011.6	2191.6	2374.1	2553.8
-27.5°	869.4	1034.7	1290.2	1455.1	1463.0	1578.2	1729.6	1887.9	2032.6	2188.5	2337.7
-30°	823.3	976.7	1207.0	1335.3	1371.5	1492.7	1633.0	1758.1	1866.4	1981.8	2090.3
-32.5°	744.7	896.4	1041.0	1154.5	1239.0	1334.8	1441.0	1547.0	1648.0	1735.1	1800.0
-35°	627.3	735.2	850.8	924.0	995.4	1081.6	1158.9	1228.2	1298.4	1366.3	1431.9
-37.5°	490.8	559.1	631.0	679.4	716.1	759.3	817.0	867.1	920.9	975.4	1030.5
-40°	371.4	408.9	444.4	479.2	506.5	525.9	560.6	597.8	630.5	663.8	721.0
-42.5°	286.8	324.2	353.5	374.7	393.1	411.2	421.4	455.4	489.2	521.4	560.1
-45°	253.6	285.1	308.4	326.8	347.1	365.6	380.8	397.4	426.0	457.3	494.8
-47.5°	233.1	261.8	283.7	304.3	321.2	340.5	359.1	380.4	405.7	433.1	469.1
-50°	207.9	235.7	259.4	279.6	295.9	314.5	333.7	353.9	375.9	405.8	436.6
-52.5°	181.4	209.1	233.9	250.4	269.8	287.9	307.1	325.8	347.2	369.2	404.3
-55°	157.3	186.8	213.6	229.4	250.4	265.6	286.6	305.0	325.8	354.8	383.3
-57.5°	132.2	159.8	180.2	207.6	218.4	249.3	258.7	277.7	291.9	314.8	339.7
-60°	104.9	126.3	139.0	153.9	165.0	179.7	199.2	201.7	221.4	234.7	253.8
-62.5°	74.0	92.7	95.6	106.8	112.1	118.5	124.7	130.8	129.4	150.8	163.2
-65°	53.6	61.1	66.3	68.6	77.8	80.2	87.7	91.3	97.7	104.5	114.1
-67.5°	39.4	45.0	48.7	52.3	56.1	60.6	64.9	67.8	73.9	79.8	87.4
-70°	29.5	32.8	36.6	38.7	40.9	44.5	47.9	50.4	54.7	59.2	65.3
-72.5°	20.7	23.8	26.1	26.9	28.9	31.1	33.5	36.0	38.5	41.7	45.7
-75°	14.4	16.1	17.0	18.4	19.3	20.2	21.2	23.7	25.3	27.0	29.8
-77.5°	8.7	10.1	10.8	11.1	11.6	11.4	12.9	13.8	14.8	14.8	15.9
-80°	5.3	5.5	5.7	5.2	5.8	6.7	6.5	6.7	6.8	6.6	7.1
-82.5°	2.6	1.7	1.9	2.4	1.7	2.2	2.0	2.3	1.5	1.6	1.7
-85°	0.6	0.5	0.6	0.8	0.0	0.0	0.0	0.0	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	4.3	4.4	4.4	4.5
82.5°	3.6	3.6	3.6	3.6	3.6	3.6	4.5	5.5	5.5	5.5	5.5
80°	3.8	4.0	4.2	4.4	4.6	4.8	6.5	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°	9.5	9.8	10.0	10.2	10.5	10.8	11.0	11.4	11.8	12.1	12.3
72.5°	13.1	12.8	12.9	13.6	14.3	14.8	15.3	15.8	16.2	16.5	16.8
70°	16.3	16.0	16.8	17.6	18.3	19.0	19.5	20.1	20.5	20.9	21.2
67.5°	20.5	20.5	21.9	22.8	22.6	23.7	24.8	25.1	24.9	25.4	25.9
65°	26.3	27.7	29.0	27.3	28.7	30.0	31.1	31.5	31.2	31.9	32.5
62.5°	32.3	34.4	35.3	34.0	34.9	36.2	37.4	38.2	37.7	38.6	39.3
60°	40.0	40.8	41.7	42.0	42.2	43.7	44.0	45.5	45.1	46.3	47.3
57.5°	47.6	49.3	49.6	50.2	50.7	51.9	52.8	54.0	54.9	55.1	56.2
55°	57.3	58.4	59.3	59.0	60.4	61.4	62.1	63.6	64.6	65.8	67.6
52.5°	67.2	68.6	69.8	71.0	72.4	72.5	74.5	75.5	77.5	79.6	81.8
50°	81.9	82.8	85.1	86.8	87.7	88.7	90.8	93.0	96.0	97.9	99.9
47.5°	104.0	105.2	107.5	108.9	111.4	112.4	115.0	118.9	124.2	126.7	129.6
45°	131.1	133.6	137.3	140.2	144.9	146.6	153.2	158.2	163.1	167.0	174.9
42.5°	164.6	166.5	169.3	173.9	179.6	183.8	188.9	197.5	202.9	212.1	225.2
40°	216.5	216.1	225.7	236.2	230.1	231.6	231.8	250.4	259.0	282.1	305.2
37.5°	362.3	372.7	398.2	402.3	373.5	411.8	410.6	447.2	456.4	523.6	595.3
35°	651.6	678.4	709.0	745.0	774.6	790.5	819.0	871.3	937.5	995.0	1070.6
32.5°	1001.7	1047.8	1106.1	1210.0	1266.3	1309.0	1353.8	1417.3	1522.3	1621.5	1717.5
30°	1343.8	1443.7	1577.4	1786.0	1915.0	1952.0	2056.7	2219.0	2341.9	2493.6	2613.1
27.5°	1565.0	1730.4	2002.7	2438.5	2356.7	2400.8	2541.1	2701.6	2871.5	3050.7	3249.2
25°	1711.9	1890.4	2224.5	2462.5	2520.0	2630.7	2766.7	2918.6	3105.1	3317.5	3656.9
22.5°	1937.0	2189.5	2480.3	2659.3	2791.6	2987.1	3166.6	3268.5	3679.7	4138.0	4777.0
20°	2305.0	2600.9	2857.1	3018.6	3219.2	3492.0	3741.8	4534.1	5881.0	6428.4	6533.8
17.5°	2769.8	3030.3	3283.3	3524.3	3714.9	4074.8	5057.6	7640.2	8964.4	9116.1	9168.2
15°	3310.5	3583.0	3902.2	4203.8	4533.2	5328.8	8157.7	11469.2	12686.3	15423.0	18745.5
12.5°	3973.1	4344.1	4727.8	5192.7	5737.8	7332.4	11874.2	15702.1	20058.9	36938.3	70711.4
10°	4786.8	5306.4	5895.2	6651.7	7539.4	10049.9	16297.3	19136.7	29521.1	66069.6	166205.6
7.5°	5494.9	6169.5	6925.1	7828.6	8889.1	12224.7	18897.6	23868.2	39892.3	95499.7	253089.0
5°	5913.5	6615.6	7512.3	8530.9	9795.8	13813.9	20639.7	25707.0	45374.8	115360.2	309123.2
2.5°	6136.6	6806.4	7773.5	8849.5	10044.6	13686.1	21154.7	26175.3	45408.4	109409.8	286240.7
0°	6219.0	6868.5	7790.9	8876.7	9967.1	12665.6	20148.9	25468.7	39839.1	88300.4	216717.5
-2.5°	6135.8	6759.5	7587.9	8620.4	9645.9	11593.0	17477.1	24027.2	33709.6	67440.0	147405.9
-5°	6041.1	6605.1	7334.9	8221.2	9090.7	10505.7	14347.4	21025.9	27577.4	44719.2	81889.4
-7.5°	5890.1	6427.9	7055.0	7777.8	8507.4	9486.4	11500.7	16336.0	22512.2	29230.8	40069.9
-10°	5468.4	6007.9	6538.7	7111.8	7760.2	8448.4	9280.6	11381.9	16728.2	22146.1	25445.6
-12.5°	4853.6	5343.4	5904.4	6295.5	6797.9	7407.0	8059.9	9130.3	11694.4	16066.7	21655.5
-15°	4256.3	4678.1	5293.9	5815.2	6121.5	6642.5	7300.5	8085.9	9452.1	12113.1	16471.7
-17.5°	3730.5	4100.0	4672.6	5441.9	5546.7	5943.2	6642.6	7504.5	8759.7	10886.1	14381.7
-20°	3319.4	3649.4	4046.0	4617.6	4999.7	5402.9	6032.6	6957.0	8365.9	10617.4	14273.2

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CATALOG NUMBER: EPH-AV-03-1360S-57-85-S2-ZVP418L

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3015.5	3286.3	3629.3	4136.1	4578.6	5057.0	5697.4	6581.5	8085.5	10528.6	14292.7
-25°	2749.2	2984.1	3267.7	3716.9	4164.5	4602.4	5212.4	6230.8	7843.6	10366.2	14183.6
-27.5°	2493.3	2680.3	2917.2	3225.5	3600.9	4043.2	4707.0	5773.1	7443.1	10012.1	13673.7
-30°	2204.9	2337.1	2507.1	2729.0	3030.2	3469.8	4104.6	5138.2	6809.5	9243.0	12665.9
-32.5°	1880.3	1974.7	2106.7	2289.9	2548.5	2932.9	3558.3	4550.9	6096.1	8305.3	11408.3
-35°	1504.3	1588.7	1697.8	1863.0	2105.8	2486.1	3059.6	4000.8	5373.7	7415.3	10087.2
-37.5°	1088.6	1183.9	1302.1	1468.8	1696.6	2075.1	2650.8	3508.1	4788.1	6554.5	8885.5
-40°	770.6	841.0	969.3	1146.4	1376.6	1717.7	2209.9	3033.2	4139.1	5702.5	7667.2
-42.5°	615.1	681.3	770.7	936.1	1147.9	1496.3	1972.4	2656.8	3639.1	4919.1	6531.9
-45°	545.0	612.8	705.4	846.6	1043.8	1344.5	1777.8	2398.1	3242.8	4316.5	5607.3
-47.5°	514.3	576.8	664.7	789.6	975.0	1243.1	1621.8	2142.8	2842.1	3732.6	4756.6
-50°	480.5	537.8	619.4	735.2	902.2	1136.8	1459.2	1895.4	2475.2	3181.0	3979.4
-52.5°	441.2	499.4	573.4	678.4	822.7	1020.0	1290.8	1648.7	2103.1	2654.1	3265.7
-55°	428.9	471.8	540.4	631.4	746.3	908.2	1121.8	1396.7	1737.8	2141.1	2591.7
-57.5°	376.4	413.5	471.0	539.1	634.7	767.0	930.3	1132.2	1373.6	1656.1	1965.6
-60°	278.0	309.5	346.4	396.7	474.7	586.5	711.4	846.4	1016.5	1211.9	1419.9
-62.5°	177.2	207.9	235.8	272.0	331.3	414.3	499.5	593.8	717.3	855.4	998.5
-65°	128.7	146.6	169.1	198.3	240.0	290.9	349.0	417.2	500.8	595.8	691.5
-67.5°	97.5	111.4	129.1	149.7	176.8	209.9	250.6	298.7	352.1	409.3	470.0
-70°	73.1	82.5	95.0	109.2	126.3	149.0	176.2	206.4	239.9	275.6	312.4
-72.5°	51.0	57.9	66.4	76.1	87.0	101.0	118.8	137.9	158.8	180.8	203.8
-75°	33.0	37.6	42.6	49.1	55.7	63.7	72.9	84.6	97.0	109.9	123.0
-77.5°	17.9	21.5	23.2	27.3	31.1	35.1	40.0	45.6	51.7	58.1	64.5
-80°	8.1	9.5	10.3	11.9	13.0	15.0	16.1	18.3	20.7	21.7	24.0
-82.5°	2.2	2.7	3.1	3.6	4.0	4.3	4.7	5.0	5.2	5.4	5.6
-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

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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	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1
85°	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.3
82.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
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	9.9	10.0	10.0	10.0	9.9	9.5	9.4	9.3	9.2	9.0
75°	12.5	13.5	13.6	13.7	13.6	13.5	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°	21.5	21.7	21.8	21.8	21.8	21.7	21.5	21.2	20.9	20.5	20.1
67.5°	27.5	28.4	28.2	26.9	28.2	28.4	27.5	25.9	25.4	24.9	25.1
65°	33.0	34.2	33.7	33.7	33.7	34.2	33.0	32.5	31.9	31.2	31.5
62.5°	39.8	40.2	40.4	40.5	40.4	40.2	39.8	39.3	38.6	37.7	38.2
60°	48.1	48.6	49.0	49.1	49.0	48.6	48.1	47.3	46.3	45.1	45.5
57.5°	58.0	58.6	58.5	58.7	58.5	58.6	58.0	56.2	55.1	54.9	54.0
55°	68.5	69.4	69.9	70.1	69.9	69.4	68.5	67.6	65.8	64.6	63.6
52.5°	81.8	83.1	83.9	82.9	83.9	83.1	81.8	81.8	79.6	77.5	75.5
50°	100.4	101.6	101.6	101.9	101.6	101.6	100.4	99.9	97.9	96.0	93.0
47.5°	133.9	138.6	141.5	139.2	141.5	138.6	133.9	129.6	126.7	124.2	118.9
45°	181.8	187.5	191.4	191.2	191.4	187.5	181.8	174.9	167.0	163.1	158.2
42.5°	237.8	246.3	251.3	252.6	251.3	246.3	237.8	225.2	212.1	202.9	197.5
40°	323.7	340.1	347.4	345.9	347.4	340.1	323.7	305.2	282.1	259.0	250.4
37.5°	661.4	735.9	818.4	869.2	818.4	735.9	661.4	595.3	523.6	456.4	447.2
35°	1191.8	1322.0	1442.4	1499.0	1442.4	1322.0	1191.8	1070.6	995.0	937.5	871.3
32.5°	1887.7	2051.8	2198.5	2273.5	2198.5	2051.8	1887.7	1717.5	1621.5	1522.3	1417.3
30°	2806.9	3045.1	3248.7	3362.1	3248.7	3045.1	2806.9	2613.1	2493.6	2341.9	2219.0
27.5°	3521.9	3851.5	4159.1	4309.1	4159.1	3851.5	3521.9	3249.2	3050.7	2871.5	2701.6
25°	4020.0	4536.9	4959.7	5139.7	4959.7	4536.9	4020.0	3656.9	3317.5	3105.1	2918.6
22.5°	5209.5	5754.3	6319.9	6583.1	6319.9	5754.3	5209.5	4777.0	4138.0	3679.7	3268.5
20°	7040.8	7837.9	8709.5	9148.8	8709.5	7837.9	7040.8	6533.8	6428.4	5881.0	4534.1
17.5°	10911.3	12176.8	14392.6	15501.2	14392.6	12176.8	10911.3	9168.2	9116.1	8964.4	7640.2
15°	28019.2	32698.7	43494.9	45102.5	43494.9	32698.7	28019.2	18745.5	15423.0	12686.3	11469.2
12.5°	129918.6	178670.8	229252.9	246420.3	229252.9	178670.8	129918.6	70711.4	36938.3	20058.9	15702.1
10°	333419.3	557804.9	814741.9	949060.3	814741.9	557804.9	333419.3	166205.6	66069.6	29521.1	19136.7
7.5°	557185.3	#####	#####	#####	#####	#####	557185.3	253089.0	95499.7	39892.3	23868.2
5°	699178.4	#####	#####	#####	#####	#####	699178.4	309123.2	115360.2	45374.8	25707.0
2.5°	641946.0	#####	#####	#####	#####	#####	641946.0	286240.7	109409.8	45408.4	26175.3
0°	471685.5	804298.3	#####	#####	#####	804298.3	471685.5	216717.5	88300.4	39839.1	25468.7
-2.5°	280855.8	428890.2	547049.7	575250.1	547049.7	428890.2	280855.8	147405.9	67440.0	33709.6	24027.2
-5°	132052.5	181402.7	208869.6	219091.2	208869.6	181402.7	132052.5	81889.4	44719.2	27577.4	21025.9
-7.5°	53387.0	68498.0	73928.8	79507.5	73928.8	68498.0	53387.0	40069.9	29230.8	22512.2	16336.0
-10°	29445.3	35302.7	39508.9	40947.6	39508.9	35302.7	29445.3	25445.6	22146.1	16728.2	11381.9
-12.5°	25805.0	31212.4	36382.5	38746.9	36382.5	31212.4	25805.0	21655.5	16066.7	11694.4	9130.3
-15°	23422.3	31184.7	38134.1	41254.3	38134.1	31184.7	23422.3	16471.7	12113.1	9452.1	8085.9
-17.5°	20393.1	27904.1	35510.0	38874.3	35510.0	27904.1	20393.1	14381.7	10886.1	8759.7	7504.5
-20°	19878.7	27028.7	33782.7	36811.9	33782.7	27028.7	19878.7	14273.2	10617.4	8365.9	6957.0

REPORT NUMBER: P902122 (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°	19890.6	26709.5	32829.7	35673.7	32829.7	26709.5	19890.6	14292.7	10528.6	8085.5	6581.5
-25°	19512.7	25727.2	31155.9	33504.4	31155.9	25727.2	19512.7	14183.6	10366.2	7843.6	6230.8
-27.5°	18581.5	24115.7	28794.1	30655.2	28794.1	24115.7	18581.5	13673.7	10012.1	7443.1	5773.1
-30°	17075.5	21882.5	25852.8	27431.9	25852.8	21882.5	17075.5	12665.9	9243.0	6809.5	5138.2
-32.5°	15280.3	19334.1	22525.0	23785.9	22525.0	19334.1	15280.3	11408.3	8305.3	6096.1	4550.9
-35°	13417.7	16792.1	19271.1	20262.6	19271.1	16792.1	13417.7	10087.2	7415.3	5373.7	4000.8
-37.5°	11588.7	14295.7	16292.2	17128.5	16292.2	14295.7	11588.7	8885.5	6554.5	4788.1	3508.1
-40°	9879.0	12000.1	13543.2	14171.0	13543.2	12000.1	9879.0	7667.2	5702.5	4139.1	3033.2
-42.5°	8294.2	9955.1	11131.7	11627.6	11131.7	9955.1	8294.2	6531.9	4919.1	3639.1	2656.8
-45°	6992.3	8260.6	9159.5	9518.3	9159.5	8260.6	6992.3	5607.3	4316.5	3242.8	2398.1
-47.5°	5833.7	6806.9	7498.8	7777.7	7498.8	6806.9	5833.7	4756.6	3732.6	2842.1	2142.8
-50°	4801.5	5524.0	6036.9	6236.3	6036.9	5524.0	4801.5	3979.4	3181.0	2475.2	1895.4
-52.5°	3880.1	4414.7	4789.9	4936.2	4789.9	4414.7	3880.1	3265.7	2654.1	2103.1	1648.7
-55°	3035.1	3415.6	3679.4	3783.5	3679.4	3415.6	3035.1	2591.7	2141.1	1737.8	1396.7
-57.5°	2272.8	2535.9	2716.4	2785.0	2716.4	2535.9	2272.8	1965.6	1656.1	1373.6	1132.2
-60°	1620.3	1788.7	1902.0	1944.1	1902.0	1788.7	1620.3	1419.9	1211.9	1016.5	846.4
-62.5°	1133.0	1245.2	1320.6	1347.0	1320.6	1245.2	1133.0	998.5	855.4	717.3	593.8
-65°	780.6	854.4	904.1	920.2	904.1	854.4	780.6	691.5	595.8	500.8	417.2
-67.5°	527.1	572.7	603.4	613.4	603.4	572.7	527.1	470.0	409.3	352.1	298.7
-70°	344.8	371.6	387.6	393.2	387.6	371.6	344.8	312.4	275.6	239.9	206.4
-72.5°	223.6	239.8	249.6	253.9	249.6	239.8	223.6	203.8	180.8	158.8	137.9
-75°	133.5	143.2	148.6	151.1	148.6	143.2	133.5	123.0	109.9	97.0	84.6
-77.5°	69.2	74.6	77.5	78.2	77.5	74.6	69.2	64.5	58.1	51.7	45.6
-80°	26.4	26.9	27.2	29.1	27.2	26.9	26.4	24.0	21.7	20.7	18.3
-82.5°	5.7	5.8	5.9	5.9	5.9	5.8	5.7	5.6	5.4	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°	4.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
80°	6.5	4.8	4.6	4.4	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	5.4	5.1	5.2	6.2
75°	11.0	10.8	10.5	10.2	10.0	9.8	9.5	8.8	8.1	8.0	8.3
72.5°	15.3	14.8	14.3	13.6	12.9	12.8	13.1	12.3	11.5	11.6	11.4
70°	19.5	19.0	18.3	17.6	16.8	16.0	16.3	15.9	15.7	15.3	14.6
67.5°	24.8	23.7	22.6	22.8	21.9	20.5	20.5	20.7	20.9	19.3	19.0
65°	31.1	30.0	28.7	27.3	29.0	27.7	26.3	26.4	26.2	24.5	24.0
62.5°	37.4	36.2	34.9	34.0	35.3	34.4	32.3	32.0	32.0	31.3	30.0
60°	44.0	43.7	42.2	42.0	41.7	40.8	40.0	38.9	38.8	38.1	36.5
57.5°	52.8	51.9	50.7	50.2	49.6	49.3	47.6	47.3	46.7	46.0	43.6
55°	62.1	61.4	60.4	59.0	59.3	58.4	57.3	56.8	55.9	55.0	53.4
52.5°	74.5	72.5	72.4	71.0	69.8	68.6	67.2	66.8	66.2	65.8	64.1
50°	90.8	88.7	87.7	86.8	85.1	82.8	81.9	80.2	79.1	79.3	77.9
47.5°	115.0	112.4	111.4	108.9	107.5	105.2	104.0	101.7	100.9	97.7	97.2
45°	153.2	146.6	144.9	140.2	137.3	133.6	131.1	128.3	127.7	124.1	121.9
42.5°	188.9	183.8	179.6	173.9	169.3	166.5	164.6	160.9	159.9	157.0	152.7
40°	231.8	231.6	230.1	236.2	225.7	216.1	216.5	216.3	210.9	210.2	208.3
37.5°	410.6	411.8	373.5	402.3	398.2	372.7	362.3	359.6	354.4	346.5	334.0
35°	819.0	790.5	774.6	745.0	709.0	678.4	651.6	618.5	593.5	565.8	532.6
32.5°	1353.8	1309.0	1266.3	1210.0	1106.1	1047.8	1001.7	928.1	864.5	800.9	730.6
30°	2056.7	1952.0	1915.0	1786.0	1577.4	1443.7	1343.8	1197.1	1077.8	981.6	892.1
27.5°	2541.1	2400.8	2356.7	2438.5	2002.7	1730.4	1565.0	1380.7	1237.7	1124.9	1023.3
25°	2766.7	2630.7	2520.0	2462.5	2224.5	1890.4	1711.9	1519.8	1377.2	1259.3	1157.4
22.5°	3166.6	2987.1	2791.6	2659.3	2480.3	2189.5	1937.0	1719.6	1557.1	1431.3	1328.7
20°	3741.8	3492.0	3219.2	3018.6	2857.1	2600.9	2305.0	2008.1	1792.3	1650.5	1530.6
17.5°	5057.6	4074.8	3714.9	3524.3	3283.3	3030.3	2769.8	2457.2	2162.1	1951.5	1794.2
15°	8157.7	5328.8	4533.2	4203.8	3902.2	3583.0	3310.5	3001.4	2716.5	2389.0	2174.8
12.5°	11874.2	7332.4	5737.8	5192.7	4727.8	4344.1	3973.1	3651.8	3428.6	2985.5	2706.0
10°	16297.3	10049.9	7539.4	6651.7	5895.2	5306.4	4786.8	4347.8	4038.9	3615.1	3286.3
7.5°	18897.6	12224.7	8889.1	7828.6	6925.1	6169.5	5494.9	4886.4	4466.4	4057.7	3710.3
5°	20639.7	13813.9	9795.8	8530.9	7512.3	6615.6	5913.5	5263.1	4784.8	4354.6	3961.8
2.5°	21154.7	13686.1	10044.6	8849.5	7773.5	6806.4	6136.6	5510.0	5003.8	4532.6	4096.8
0°	20148.9	12665.6	9967.1	8876.7	7790.9	6868.5	6219.0	5618.8	5160.5	4614.5	4168.5
-2.5°	17477.1	11593.0	9645.9	8620.4	7587.9	6759.5	6135.8	5612.0	5205.6	4630.1	4186.2
-5°	14347.4	10505.7	9090.7	8221.2	7334.9	6605.1	6041.1	5542.4	5049.0	4545.4	4126.7
-7.5°	11500.7	9486.4	8507.4	7777.8	7055.0	6427.9	5890.1	5338.0	4811.7	4372.1	4002.6
-10°	9280.6	8448.4	7760.2	7111.8	6538.7	6007.9	5468.4	4942.0	4484.4	4092.3	3770.2
-12.5°	8059.9	7407.0	6797.9	6295.5	5904.4	5343.4	4853.6	4414.3	4025.3	3684.2	3401.5
-15°	7300.5	6642.5	6121.5	5815.2	5293.9	4678.1	4256.3	3855.6	3510.6	3220.5	2964.0
-17.5°	6642.6	5943.2	5546.7	5441.9	4672.6	4100.0	3730.5	3360.4	3046.5	2805.1	2580.6
-20°	6032.6	5402.9	4999.7	4617.6	4046.0	3649.4	3319.4	3005.2	2747.8	2532.2	2329.8

REPORT NUMBER: P902122 (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°	5697.4	5057.0	4578.6	4136.1	3629.3	3286.3	3015.5	2770.0	2557.5	2357.3	2160.3
-25°	5212.4	4602.4	4164.5	3716.9	3267.7	2984.1	2749.2	2553.8	2374.1	2191.6	2011.6
-27.5°	4707.0	4043.2	3600.9	3225.5	2917.2	2680.3	2493.3	2337.7	2188.5	2032.6	1887.9
-30°	4104.6	3469.8	3030.2	2729.0	2507.1	2337.1	2204.9	2090.3	1981.8	1866.4	1758.1
-32.5°	3558.3	2932.9	2548.5	2289.9	2106.7	1974.7	1880.3	1800.0	1735.1	1648.0	1547.0
-35°	3059.6	2486.1	2105.8	1863.0	1697.8	1588.7	1504.3	1431.9	1366.3	1298.4	1228.2
-37.5°	2650.8	2075.1	1696.6	1468.8	1302.1	1183.9	1088.6	1030.5	975.4	920.9	867.1
-40°	2209.9	1717.7	1376.6	1146.4	969.3	841.0	770.6	721.0	663.8	630.5	597.8
-42.5°	1972.4	1496.3	1147.9	936.1	770.7	681.3	615.1	560.1	521.4	489.2	455.4
-45°	1777.8	1344.5	1043.8	846.6	705.4	612.8	545.0	494.8	457.3	426.0	397.4
-47.5°	1621.8	1243.1	975.0	789.6	664.7	576.8	514.3	469.1	433.1	405.7	380.4
-50°	1459.2	1136.8	902.2	735.2	619.4	537.8	480.5	436.6	405.8	375.9	353.9
-52.5°	1290.8	1020.0	822.7	678.4	573.4	499.4	441.2	404.3	369.2	347.2	325.8
-55°	1121.8	908.2	746.3	631.4	540.4	471.8	428.9	383.3	354.8	325.8	305.0
-57.5°	930.3	767.0	634.7	539.1	471.0	413.5	376.4	339.7	314.8	291.9	277.7
-60°	711.4	586.5	474.7	396.7	346.4	309.5	278.0	253.8	234.7	221.4	201.7
-62.5°	499.5	414.3	331.3	272.0	235.8	207.9	177.2	163.2	150.8	129.4	130.8
-65°	349.0	290.9	240.0	198.3	169.1	146.6	128.7	114.1	104.5	97.7	91.3
-67.5°	250.6	209.9	176.8	149.7	129.1	111.4	97.5	87.4	79.8	73.9	67.8
-70°	176.2	149.0	126.3	109.2	95.0	82.5	73.1	65.3	59.2	54.7	50.4
-72.5°	118.8	101.0	87.0	76.1	66.4	57.9	51.0	45.7	41.7	38.5	36.0
-75°	72.9	63.7	55.7	49.1	42.6	37.6	33.0	29.8	27.0	25.3	23.7
-77.5°	40.0	35.1	31.1	27.3	23.2	21.5	17.9	15.9	14.8	14.8	13.8
-80°	16.1	15.0	13.0	11.9	10.3	9.5	8.1	7.1	6.6	6.8	6.7
-82.5°	4.7	4.3	4.0	3.6	3.1	2.7	2.2	1.7	1.6	1.5	2.3
-85°	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	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):

	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°	3.7	4.4	4.1	3.9	3.6	3.4	3.1	2.8	2.6	2.3	2.0
80°	4.5	5.5	5.5	5.2	4.9	4.5	4.2	3.8	3.4	3.1	2.7
77.5°	5.9	5.5	5.9	6.5	6.1	5.7	5.2	4.8	4.3	3.9	3.4
75°	7.4	7.5	7.7	7.8	7.3	6.8	6.5	6.0	5.2	4.9	4.5
72.5°	10.4	10.3	10.1	9.0	9.0	8.7	8.1	7.8	6.8	6.0	5.8
70°	14.3	14.1	12.7	12.3	11.9	11.6	10.7	9.8	8.9	8.0	7.1
67.5°	18.9	18.7	16.7	16.1	15.7	15.1	13.3	12.3	11.4	9.9	8.7
65°	23.7	23.2	21.6	20.3	20.5	18.8	17.2	15.3	14.1	11.8	10.4
62.5°	29.2	28.9	27.3	25.9	25.5	23.6	21.6	19.1	17.1	13.9	12.2
60°	35.9	35.2	33.6	32.2	30.9	29.0	27.0	23.6	21.2	16.0	14.8
57.5°	42.6	42.4	40.8	39.0	37.5	34.9	32.8	29.5	25.4	20.2	17.5
55°	51.2	50.3	48.7	47.0	45.1	41.9	39.0	35.3	30.4	24.9	20.1
52.5°	61.8	60.6	58.4	56.3	53.5	50.3	46.2	41.6	35.8	29.4	24.1
50°	75.9	74.1	72.3	68.5	64.0	60.7	55.6	49.0	42.3	36.0	28.5
47.5°	95.5	93.2	90.2	85.4	79.9	73.0	67.1	60.6	52.7	43.2	33.2
45°	119.0	116.5	112.7	106.6	100.6	92.1	83.3	75.1	65.0	52.4	40.0
42.5°	147.7	145.7	141.9	136.2	128.2	118.0	104.5	92.5	81.7	68.0	52.4
40°	201.5	192.5	191.1	183.5	169.9	156.7	140.7	123.5	104.0	86.7	67.7
37.5°	315.2	292.1	277.4	267.8	247.4	219.2	188.3	163.0	137.5	108.3	85.7
35°	489.5	446.8	417.7	384.5	342.6	298.0	255.8	214.3	179.9	143.8	109.2
32.5°	660.2	603.6	570.2	560.0	470.9	390.2	330.7	279.8	229.7	184.5	139.8
30°	807.6	742.0	726.6	774.9	611.6	478.5	407.7	346.0	286.6	227.1	174.3
27.5°	937.6	881.1	877.7	963.0	742.6	571.8	492.5	417.9	346.0	276.2	210.5
25°	1080.8	1025.2	1041.7	1056.9	841.1	686.0	586.0	506.3	412.6	331.6	248.3
22.5°	1246.3	1191.9	1197.3	1186.7	952.0	797.2	700.7	598.0	496.5	393.0	300.2
20°	1433.6	1378.1	1361.0	1268.9	1061.0	935.6	818.1	707.5	581.8	468.9	359.0
17.5°	1657.9	1589.0	1538.1	1414.2	1230.0	1085.8	973.0	823.0	687.4	562.0	420.3
15°	2010.1	1875.2	1805.3	1627.7	1457.2	1312.8	1141.7	985.0	824.4	658.3	493.5
12.5°	2493.5	2305.9	2154.4	1989.2	1780.4	1565.5	1384.0	1186.8	965.3	768.1	579.9
10°	3010.1	2769.1	2583.6	2371.8	2136.4	1862.4	1637.6	1376.9	1114.0	887.1	665.9
7.5°	3418.1	3134.2	2917.9	2731.7	2460.2	2085.2	1807.7	1533.8	1259.5	1005.1	743.2
5°	3657.2	3369.7	3125.7	2900.8	2598.2	2222.6	1957.5	1669.5	1362.5	1069.3	784.6
2.5°	3773.7	3491.8	3229.7	2981.0	2666.8	2293.9	2017.5	1717.5	1408.6	1112.2	822.6
0°	3823.5	3535.0	3259.7	2980.8	2679.9	2337.3	2064.2	1759.3	1449.0	1150.4	856.9
-2.5°	3824.7	3530.3	3269.8	2991.0	2692.8	2361.2	2078.7	1764.6	1449.1	1144.7	849.9
-5°	3784.7	3505.5	3266.5	2992.0	2681.8	2362.1	2081.1	1763.1	1443.5	1134.1	839.1
-7.5°	3689.3	3429.4	3220.6	2970.7	2637.7	2311.6	2020.0	1702.6	1395.0	1104.5	824.5
-10°	3486.9	3257.6	3105.0	2861.3	2506.4	2189.6	1934.2	1624.7	1312.8	1026.9	768.4
-12.5°	3156.6	2960.3	2818.3	2647.7	2322.6	1996.8	1736.2	1474.1	1216.7	945.3	700.8
-15°	2748.4	2554.6	2463.3	2366.2	2053.3	1749.2	1528.3	1287.1	1067.3	850.3	630.4
-17.5°	2360.1	2212.1	2125.5	2080.2	1804.1	1480.8	1314.0	1118.4	919.2	743.8	561.1
-20°	2121.1	1969.7	1876.6	1860.9	1601.2	1314.9	1120.2	979.8	805.6	640.9	495.8

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1963.7	1793.1	1699.2	1685.5	1492.2	1174.4	1015.6	857.0	719.4	566.8	433.6
-25°	1830.5	1666.6	1558.6	1547.0	1390.7	1104.6	918.7	792.0	639.8	518.7	381.3
-27.5°	1729.6	1578.2	1463.0	1455.1	1290.2	1034.7	869.4	733.8	601.0	476.3	353.5
-30°	1633.0	1492.7	1371.5	1335.3	1207.0	976.7	823.3	685.1	562.8	435.2	323.8
-32.5°	1441.0	1334.8	1239.0	1154.5	1041.0	896.4	744.7	622.1	515.3	388.4	292.2
-35°	1158.9	1081.6	995.4	924.0	850.8	735.2	627.3	540.3	431.6	334.3	254.6
-37.5°	817.0	759.3	716.1	679.4	631.0	559.1	490.8	423.3	348.4	278.4	212.6
-40°	560.6	525.9	506.5	479.2	444.4	408.9	371.4	327.8	277.5	230.7	177.5
-42.5°	421.4	411.2	393.1	374.7	353.5	324.2	286.8	255.1	228.7	189.7	146.9
-45°	380.8	365.6	347.1	326.8	308.4	285.1	253.6	226.4	194.6	155.4	121.4
-47.5°	359.1	340.5	321.2	304.3	283.7	261.8	233.1	201.4	170.2	135.3	105.7
-50°	333.7	314.5	295.9	279.6	259.4	235.7	207.9	177.3	149.0	119.1	93.3
-52.5°	307.1	287.9	269.8	250.4	233.9	209.1	181.4	153.2	128.2	102.0	80.9
-55°	286.6	265.6	250.4	229.4	213.6	186.8	157.3	129.2	108.0	87.7	68.9
-57.5°	258.7	249.3	218.4	207.6	180.2	159.8	132.2	108.0	88.9	73.5	58.6
-60°	199.2	179.7	165.0	153.9	139.0	126.3	104.9	86.3	71.7	59.8	47.7
-62.5°	124.7	118.5	112.1	106.8	95.6	92.7	74.0	66.6	53.9	48.1	37.1
-65°	87.7	80.2	77.8	68.6	66.3	61.1	53.6	47.8	42.0	36.9	30.5
-67.5°	64.9	60.6	56.1	52.3	48.7	45.0	39.4	35.8	32.1	28.2	23.7
-70°	47.9	44.5	40.9	38.7	36.6	32.8	29.5	26.5	24.0	21.2	17.3
-72.5°	33.5	31.1	28.9	26.9	26.1	23.8	20.7	19.2	17.5	14.8	13.4
-75°	21.2	20.2	19.3	18.4	17.0	16.1	14.4	13.0	11.8	10.9	9.6
-77.5°	12.9	11.4	11.6	11.1	10.8	10.1	8.7	8.4	7.4	6.9	6.6
-80°	6.5	6.7	5.8	5.2	5.7	5.5	5.3	4.4	3.5	4.5	4.5
-82.5°	2.0	2.2	1.7	2.4	1.9	1.7	2.6	2.1	1.7	2.9	2.5
-85°	0.0	0.0	0.0	0.8	0.6	0.5	0.6	0.2	0.1	1.5	1.4
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.4	0.6	0.4	0.2	0.0
85°	1.2	1.0	0.8	1.2	0.8	0.4	0.0
82.5°	1.7	1.5	1.2	1.8	1.2	0.6	0.0
80°	2.4	2.1	1.6	2.3	1.6	0.8	0.0
77.5°	3.0	3.1	2.2	2.9	1.9	1.0	0.0
75°	3.8	4.0	3.0	3.5	2.3	1.2	0.0
72.5°	4.8	5.0	3.8	3.8	2.7	1.4	0.0
70°	5.9	5.8	4.5	4.1	3.1	1.5	0.0
67.5°	6.8	6.4	5.2	4.4	3.4	1.7	0.0
65°	8.2	7.1	5.9	4.7	3.7	1.9	0.0
62.5°	10.2	7.9	6.6	5.0	4.0	2.1	0.0
60°	12.2	9.3	7.3	5.3	4.2	2.2	0.0
57.5°	14.4	11.2	7.9	5.6	4.4	2.4	0.0
55°	16.6	13.0	8.6	6.5	4.7	2.6	0.0
52.5°	19.0	14.9	9.4	7.4	5.0	2.7	0.0
50°	21.5	16.9	11.3	8.5	5.3	2.9	0.0
47.5°	24.5	19.9	13.4	9.7	5.6	3.0	0.0
45°	30.9	23.6	16.3	10.9	5.9	3.2	0.0
42.5°	38.1	27.8	19.4	12.3	6.2	3.3	0.0
40°	47.8	32.6	22.8	13.9	6.5	3.4	0.0
37.5°	61.0	37.9	26.4	15.8	6.8	3.6	0.0
35°	78.6	48.7	31.7	18.7	7.8	3.7	0.0
32.5°	99.4	63.3	38.1	22.2	8.9	3.9	0.0
30°	121.4	78.8	44.9	26.0	10.0	4.1	0.0
27.5°	148.8	95.2	54.8	30.0	11.3	4.2	0.0
25°	179.0	112.2	65.5	34.2	12.6	4.4	0.0
22.5°	210.6	132.2	76.8	38.6	14.0	4.5	0.0
20°	244.6	158.7	88.4	43.1	15.3	4.7	0.0
17.5°	293.8	186.4	100.3	47.9	16.7	4.8	0.0
15°	351.1	216.2	112.4	52.9	18.0	4.9	0.0
12.5°	408.9	248.1	124.1	57.7	19.3	5.0	0.0
10°	466.8	276.6	135.5	62.5	20.5	5.1	0.0
7.5°	507.4	301.0	146.5	67.0	21.7	5.2	0.0
5°	540.2	323.8	157.2	71.4	22.7	5.3	0.0
2.5°	570.5	344.7	167.2	75.4	23.7	5.4	0.0
0°	598.0	363.6	176.6	79.1	24.5	5.4	0.0
-2.5°	590.2	357.5	172.7	78.0	24.5	5.5	0.0
-5°	579.5	349.2	168.0	76.5	24.3	5.6	0.0
-7.5°	565.8	338.9	162.6	74.6	24.0	5.6	0.0
-10°	541.2	326.5	156.7	72.4	23.6	5.6	0.0
-12.5°	490.6	305.0	150.1	69.9	23.0	5.6	0.0
-15°	438.7	274.2	142.3	67.2	22.4	5.6	0.0
-17.5°	385.8	244.8	131.6	64.2	21.6	5.6	0.0
-20°	339.0	217.2	121.0	60.7	20.8	5.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	307.0	190.6	110.4	56.6	19.9	5.5	0.0
-25°	277.3	171.9	99.9	52.4	18.9	5.4	0.0
-27.5°	248.9	155.9	89.7	48.2	17.8	5.3	0.0
-30°	222.5	139.4	80.0	44.1	16.6	5.1	0.0
-32.5°	197.6	122.7	72.3	40.1	15.4	5.0	0.0
-35°	170.8	105.7	64.6	36.2	14.1	4.9	0.0
-37.5°	145.0	91.0	57.7	32.9	13.0	4.7	0.0
-40°	123.9	81.5	52.6	30.6	12.6	4.6	0.0
-42.5°	105.9	72.6	47.6	28.4	12.1	4.5	0.0
-45°	90.5	64.3	42.8	26.1	11.6	4.4	0.0
-47.5°	76.6	56.6	38.1	23.8	11.1	4.2	0.0
-50°	68.6	49.6	33.8	21.5	10.5	4.1	0.0
-52.5°	61.4	44.5	29.6	19.3	9.8	3.9	0.0
-55°	54.3	39.3	26.4	17.0	9.1	3.7	0.0
-57.5°	46.4	34.0	23.5	14.8	8.4	3.5	0.0
-60°	38.9	28.4	20.4	13.4	7.6	3.3	0.0
-62.5°	31.8	23.6	17.2	12.1	6.8	3.0	0.0
-65°	25.0	19.5	13.9	10.8	6.0	2.8	0.0
-67.5°	19.5	15.5	11.3	9.4	5.3	2.6	0.0
-70°	15.1	11.5	9.5	8.0	4.7	2.3	0.0
-72.5°	10.8	8.7	7.7	6.6	4.1	2.0	0.0
-75°	7.2	7.1	6.0	5.3	3.6	1.8	0.0
-77.5°	5.4	5.6	4.4	4.5	3.0	1.5	0.0
-80°	3.5	4.0	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)