

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: P1306245 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

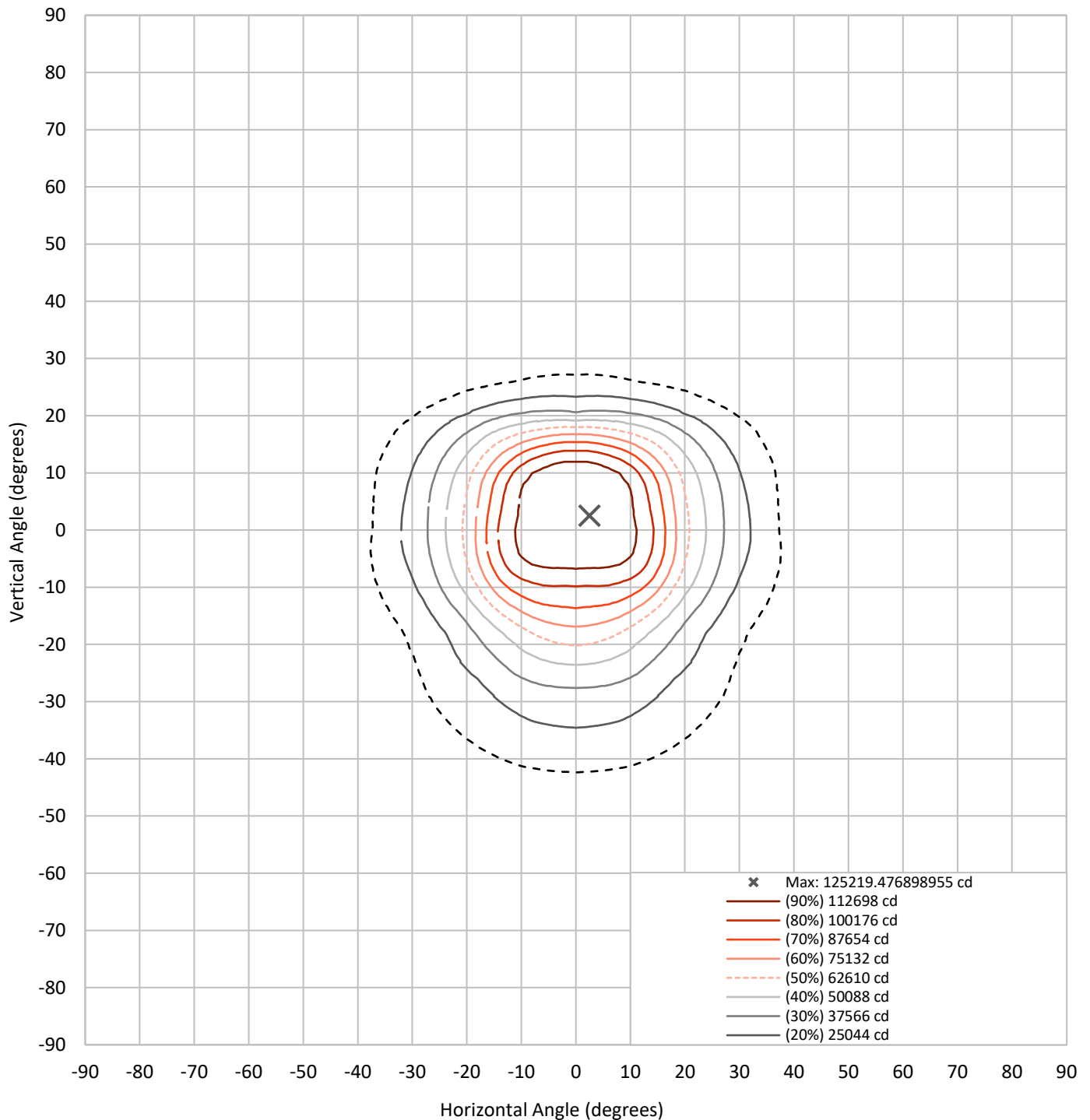
Test Method: LM-79-08
Report Number: P1306245 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-5S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	66852.7 lumens	Max Intensity:	125219.5 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 2.5°V
Efficacy:	120.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	36836.2 lumens	Field Lumens:	62171.8 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





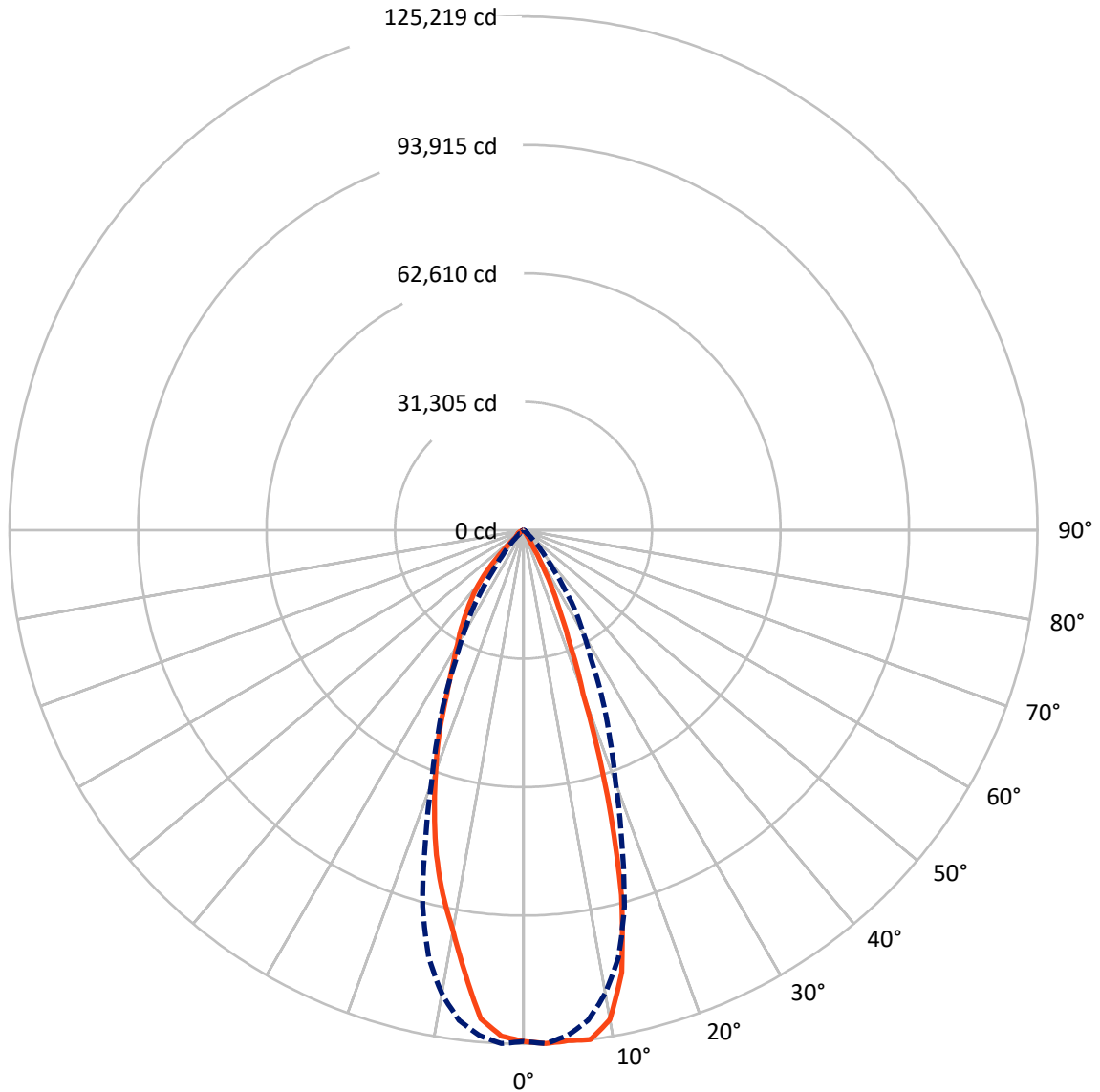
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Lumen Table

90																			
80	0.1	0.3		0.5		0.5		0.4		0.5		0.5		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.7	2.0	4.4	9.4	22.3	31.8	31.8	22.3	9.4	4.4	2.0	0.7	0.2				
30	0.2	0.4	3.6	13.4	72.9	223.8	450.3	605.9	605.9	450.3	223.8	72.9	13.4	3.6	0.4	0.2			
20		1.0	8.7	48.2	300.4	855.2	1772.8	2553.1	2553.1	1772.8	855.2	300.4	48.2	8.7	1.0				
10	0.2	1.6	11.8	76.0	431.7	1230.2	2658.1	3675.7	3675.7	2658.1	1230.2	431.7	76.0	11.8	1.6	0.2			
0		2.0	12.6	79.5	434.9	1199.3	2619.5	3472.0	3472.0	2619.5	1199.3	434.9	79.5	12.6	2.0				
-10	0.3	2.4	12.1	53.4	285.9	791.1	1682.8	2393.6	2393.6	1682.8	791.1	285.9	53.4	12.1	2.4	0.3			
-20		2.4	11.5	29.7	168.5	484.5	941.7	1331.9	1331.9	941.7	484.5	168.5	29.7	11.5	2.4				
-30	0.3	1.9	9.3	22.1	67.7	267.1	521.1	713.2	713.2	521.1	267.1	67.7	22.1	9.3	1.9	0.3			
-40		1.2	6.1	17.3	33.3	62.1	147.2	228.9	228.9	147.2	62.1	33.3	17.3	6.1	1.2				
-50	0.2	0.6	3.0	9.4	20.4	33.3	45.4	52.6	52.6	45.4	33.3	20.4	9.4	3.0	0.6	0.2			
-60		0.3	1.1	3.2	7.0	11.9	17.6	20.7	20.7	17.6	11.9	7.0	3.2	1.1	0.3				
-70	0.1	0.6		2.4		5.6		7.5		5.6		2.4		0.6		0.1			
-80		0.6		2.4		5.6		7.5		5.6		2.4		0.6					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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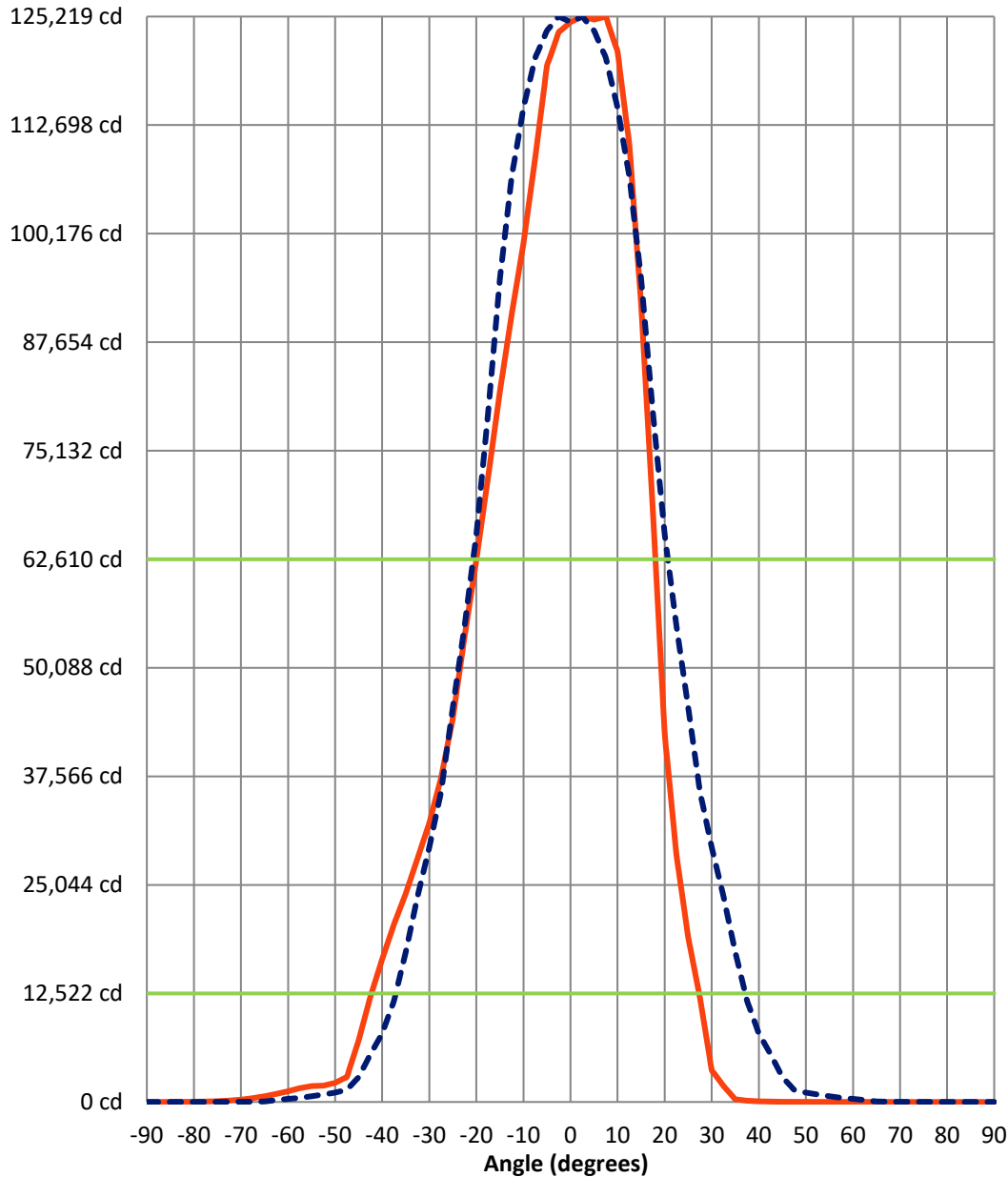
Luminous Intensity Polar Plot



— Vertical Distribution Through 2.5-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 36836.2
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 62171.8
 Efficiency: 93.0%

Spill:
 Lumens: 4681
 Efficiency: 7.0%

- Vertical Distribution through 2.5-Deg
- - - Horizontal Distribution through 2.5-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1	3.6
85°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1	3.6
82.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.3	4.1
80°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.1	4.9	4.8	4.8
77.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2	5.2	5.3	5.4
75°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.4	5.4	5.4
72.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
70°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
67.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
62.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
60°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
57.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.6
55°	5.4	5.4	5.4	5.4	5.4	5.4	5.6	5.5	5.4	5.5	5.9
52.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.7	5.6	5.4	5.9	6.2
50°	5.4	5.4	5.4	5.4	5.4	5.6	5.9	5.7	5.5	6.3	7.1
47.5°	5.4	5.4	5.4	5.4	5.4	5.8	6.1	5.7	6.0	6.8	8.0
45°	5.4	5.4	5.4	5.4	5.4	6.0	6.2	5.8	6.6	7.5	8.8
42.5°	5.4	5.4	5.4	5.4	5.4	6.2	6.3	6.2	7.1	8.1	9.4
40°	5.4	5.4	5.4	5.4	5.5	6.4	6.3	6.6	7.6	8.6	9.9
37.5°	5.4	5.4	5.4	5.5	5.7	6.7	6.4	7.1	8.1	9.2	10.4
35°	5.4	5.4	5.4	5.5	5.9	6.8	6.5	7.5	8.6	9.8	11.1
32.5°	5.4	5.4	5.4	5.6	6.0	6.9	6.7	7.9	9.1	10.5	12.5
30°	5.4	5.4	5.4	5.7	6.2	7.0	7.0	8.3	9.6	11.3	14.3
27.5°	5.4	5.4	5.4	5.8	6.4	7.0	7.4	8.7	10.1	12.0	16.3
25°	5.4	5.4	5.4	5.9	6.6	7.1	7.7	9.0	10.7	13.4	18.6
22.5°	5.4	5.4	5.4	6.0	6.8	7.2	8.0	9.4	11.3	15.1	22.8
20°	5.4	5.4	5.4	6.1	6.9	7.2	8.2	9.7	11.9	16.9	27.4
17.5°	5.4	5.4	5.4	6.2	7.0	7.2	8.4	10.0	12.6	18.8	32.2
15°	5.4	5.4	5.4	6.4	7.1	7.2	8.5	10.3	13.2	20.7	37.1
12.5°	5.4	5.4	5.4	6.5	7.1	7.2	8.7	10.4	13.7	22.6	42.0
10°	5.4	5.4	5.4	6.7	7.2	7.2	8.7	10.5	14.3	24.7	46.9
7.5°	5.4	5.4	5.4	6.8	7.2	7.2	8.8	10.6	14.8	26.8	51.5
5°	5.4	5.4	5.4	6.9	7.2	7.2	8.9	10.7	15.3	28.8	55.6
2.5°	5.4	5.4	5.4	7.1	7.2	7.2	8.9	10.7	15.7	30.6	59.4
0°	5.4	5.4	5.4	7.2	7.2	7.2	8.9	10.7	16.1	32.2	62.6
-2.5°	5.4	5.4	5.5	7.2	7.2	7.4	9.4	12.7	21.6	42.0	78.1
-5°	5.4	5.4	5.6	7.2	7.2	7.6	9.8	14.5	26.8	51.3	92.7
-7.5°	5.4	5.4	5.6	7.2	7.2	7.7	10.2	16.3	31.6	59.9	106.0
-10°	5.4	5.4	5.7	7.1	7.2	7.9	10.6	17.8	35.8	67.5	117.8
-12.5°	5.4	5.4	5.8	7.1	7.2	8.0	10.9	19.0	39.3	74.1	129.0
-15°	5.4	5.4	5.8	7.1	7.2	8.1	11.1	19.9	42.5	80.5	138.6
-17.5°	5.4	5.4	5.9	7.1	7.2	8.2	11.2	21.4	45.7	85.4	145.6
-20°	5.4	5.4	5.9	7.0	7.2	8.2	11.7	23.2	47.8	88.7	149.7



REPORT NUMBER: P1306245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.4	5.4	6.0	7.0	7.2	8.2	12.6	24.4	48.9	90.1	150.7
-25°	5.4	5.4	6.0	7.0	7.2	8.4	13.3	25.1	48.8	89.5	148.3
-27.5°	5.4	5.4	6.0	7.0	7.2	8.6	13.6	25.2	47.5	87.9	147.3
-30°	5.4	5.4	6.1	7.0	7.2	8.6	13.6	24.6	46.7	86.2	143.8
-32.5°	5.4	5.4	6.1	7.0	7.3	8.5	13.3	24.4	45.9	82.9	137.5
-35°	5.4	5.4	6.1	7.1	7.4	8.3	13.1	24.0	44.2	77.8	128.4
-37.5°	5.4	5.4	6.0	7.1	7.4	8.1	12.8	23.1	41.6	70.8	116.6
-40°	5.4	5.4	6.0	7.2	7.5	8.2	12.3	21.6	38.0	65.7	105.1
-42.5°	5.4	5.4	6.0	7.2	7.5	8.2	11.6	19.6	35.0	59.6	92.2
-45°	5.4	5.4	5.9	7.2	7.5	8.2	10.7	17.7	32.0	52.6	78.8
-47.5°	5.4	5.4	5.9	7.2	7.5	8.2	9.6	16.3	28.3	45.0	70.2
-50°	5.4	5.4	5.8	7.1	7.5	8.2	9.3	14.6	23.7	39.6	60.7
-52.5°	5.4	5.4	5.7	6.9	7.4	8.1	9.2	12.5	20.5	33.7	50.7
-55°	5.4	5.4	5.6	6.8	7.4	8.0	9.0	10.5	17.7	27.2	43.1
-57.5°	5.4	5.4	5.5	6.6	7.3	7.8	8.8	10.2	14.6	22.7	34.8
-60°	5.4	5.4	5.4	6.4	7.2	7.7	8.5	9.8	11.9	18.7	27.2
-62.5°	5.4	5.4	5.4	6.3	7.0	7.5	8.3	9.4	11.2	14.5	22.1
-65°	5.4	5.4	5.4	6.1	6.9	7.3	8.0	8.9	10.5	12.7	16.7
-67.5°	5.4	5.4	5.4	6.0	6.7	7.1	7.6	8.5	9.6	11.4	13.9
-70°	5.4	5.4	5.4	5.8	6.6	7.0	7.2	8.1	9.1	10.1	12.1
-72.5°	5.4	5.4	5.4	5.7	6.4	6.9	7.2	7.6	8.5	9.5	10.4
-75°	5.4	5.4	5.4	5.7	6.3	6.8	7.2	7.5	8.0	8.8	9.7
-77.5°	5.4	5.4	5.4	5.7	6.1	6.7	7.2	7.4	7.7	8.3	9.0
-80°	5.4	5.4	5.4	5.6	6.0	6.5	7.2	7.3	7.5	7.8	8.3
-82.5°	5.4	5.4	5.4	5.6	5.9	6.3	6.8	7.0	7.2	7.4	7.6
-85°	5.4	5.4	5.4	5.5	5.7	6.0	6.3	6.5	6.6	6.8	6.9
-87.5°	5.4	5.4	5.4	5.5	5.6	5.7	5.9	5.9	6.0	6.1	6.2
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1	3.6



REPORT NUMBER: P1306245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
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°	4.1	4.1	3.9	3.6	3.6	3.6	3.6	3.8	3.9	3.9	3.8
80°	4.8	4.6	4.1	3.7	3.8	4.1	4.5	5.0	4.9	4.6	4.3
77.5°	5.1	4.6	4.2	3.7	4.0	4.6	5.0	5.3	5.3	5.3	5.3
75°	5.1	4.7	4.4	4.4	4.8	5.2	5.4	5.8	6.0	6.0	5.9
72.5°	5.2	5.0	5.1	5.4	5.4	5.7	6.2	6.8	7.2	7.1	7.0
70°	5.3	5.4	5.4	5.4	5.5	6.1	7.0	7.9	8.5	8.8	9.7
67.5°	5.4	5.4	5.4	5.5	6.2	7.1	8.1	10.2	12.8	13.9	14.9
65°	5.4	5.4	5.6	6.2	7.1	8.5	10.7	13.8	19.1	21.6	22.7
62.5°	5.4	5.5	6.0	7.0	8.0	9.9	14.4	20.3	27.0	30.6	29.9
60°	5.4	5.6	6.8	8.1	9.5	13.5	19.5	26.3	34.8	41.0	36.8
57.5°	5.6	6.4	8.1	9.8	12.8	16.8	22.8	31.1	39.7	49.0	42.3
55°	6.2	7.8	9.5	11.9	15.2	18.2	24.3	32.0	41.5	47.4	41.6
52.5°	7.5	9.1	10.7	13.5	16.6	19.1	22.7	29.9	35.5	40.4	37.2
50°	8.6	9.8	11.5	14.8	17.6	19.1	18.8	24.3	29.1	31.2	31.6
47.5°	9.4	10.5	12.6	15.9	18.1	18.6	16.9	19.6	23.2	25.4	24.7
45°	10.0	11.7	14.1	16.8	18.5	17.9	17.6	16.6	21.0	23.0	23.3
42.5°	10.6	13.0	15.8	18.0	18.7	19.6	20.0	20.1	22.4	26.9	29.2
40°	11.7	14.4	18.0	19.8	20.2	23.2	26.4	28.8	30.5	36.5	40.8
37.5°	12.8	16.6	20.9	24.1	24.6	30.0	34.9	50.8	54.0	49.3	64.9
35°	13.9	19.1	26.4	34.0	38.3	39.7	61.6	83.0	92.2	90.3	103.4
32.5°	15.8	21.9	33.6	50.8	67.8	72.2	95.5	131.7	164.2	177.3	169.2
30°	18.9	28.6	45.1	72.2	110.6	153.0	159.6	199.9	265.4	318.9	398.9
27.5°	23.5	37.3	65.6	111.5	173.0	259.6	280.8	315.8	413.3	547.5	805.2
25°	28.9	59.3	89.0	163.8	277.7	379.2	419.2	485.2	598.4	1032.2	1625.4
22.5°	40.7	88.8	137.1	224.1	399.8	504.7	576.9	687.8	956.6	1649.4	2804.1
20°	61.9	129.7	197.8	300.2	529.0	637.0	734.1	902.7	1503.0	2791.0	4667.9
17.5°	86.9	173.9	260.6	391.9	598.7	746.3	896.7	1123.1	2076.4	4122.5	6616.2
15°	114.8	220.6	319.6	471.3	659.6	818.5	1028.3	1550.1	2986.6	5642.7	8405.8
12.5°	144.7	268.8	374.9	539.1	716.2	886.3	1136.2	1915.1	3935.4	7023.8	10244.5
10°	175.4	317.5	426.5	596.2	768.1	949.1	1233.9	2248.6	4604.3	7541.9	11125.2
7.5°	194.5	347.9	468.2	643.7	815.0	1006.3	1320.5	2543.1	5077.7	7803.2	11488.0
5°	208.9	355.7	472.4	657.7	844.9	1051.8	1388.1	2790.1	5371.9	7840.2	11600.0
2.5°	219.9	358.8	473.2	662.0	863.0	1082.7	1411.2	2871.9	5506.7	7911.9	11677.5
0°	227.3	358.0	470.8	660.5	875.3	1106.2	1419.5	2887.3	5509.6	7958.3	11706.5
-2.5°	239.4	370.8	494.7	688.2	889.2	1111.2	1431.1	2968.6	5776.9	8459.3	12589.8
-5°	248.1	380.4	514.6	709.9	897.4	1108.7	1429.1	2972.9	5810.5	8575.5	12625.7
-7.5°	253.4	386.8	529.7	722.7	890.3	1080.9	1380.2	2732.7	5299.2	8049.6	11767.9
-10°	256.6	394.9	540.3	715.2	863.7	1035.1	1310.9	2435.5	4687.8	7373.1	10731.2
-12.5°	262.5	404.4	547.3	706.5	838.9	984.7	1229.4	2089.9	3993.5	6546.1	9529.9
-15°	264.4	410.6	550.8	698.0	818.2	930.5	1136.0	1702.8	3297.6	5820.2	8340.7
-17.5°	262.0	413.5	551.0	691.0	803.5	873.3	1040.5	1368.1	2778.8	5115.4	7441.2
-20°	255.4	413.3	548.1	686.8	794.4	854.5	1009.0	1295.2	2333.0	4289.8	6591.2



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	244.4	409.8	542.7	679.5	793.5	871.7	982.3	1203.3	1773.6	3336.3	5710.3
-25°	237.2	394.3	534.5	660.8	788.1	890.4	953.5	1105.1	1423.3	2608.1	4523.1
-27.5°	233.8	373.6	509.6	633.9	774.3	901.0	958.9	1069.4	1294.6	1808.3	3272.5
-30°	225.8	338.9	479.8	600.1	742.0	879.6	980.1	1032.4	1178.0	1477.3	2338.6
-32.5°	210.0	303.2	440.3	563.4	697.1	848.0	983.9	1035.5	1129.5	1301.9	1624.7
-35°	191.7	280.4	397.2	520.9	643.3	796.3	940.0	1050.1	1091.3	1216.0	1441.4
-37.5°	175.7	253.8	353.3	473.3	591.7	732.5	890.8	1018.7	1103.6	1158.3	1324.9
-40°	157.1	223.3	316.9	424.7	539.7	668.1	814.6	964.0	1084.5	1188.0	1257.9
-42.5°	136.8	199.8	279.5	376.0	487.1	606.2	732.9	880.8	1034.9	1182.4	1290.3
-45°	120.8	173.6	240.0	330.7	431.1	541.1	659.9	784.8	945.8	1112.1	1262.7
-47.5°	103.3	147.2	207.9	281.4	374.4	475.2	583.0	701.0	833.8	993.8	1166.8
-50°	86.4	125.9	172.6	238.3	316.0	407.5	506.0	609.3	726.7	859.8	1011.9
-52.5°	74.8	102.9	144.5	194.7	261.5	339.2	426.3	517.3	617.6	727.0	851.9
-55°	62.3	86.6	116.8	158.1	208.5	274.8	345.8	426.6	509.8	605.0	701.2
-57.5°	51.4	71.3	94.7	125.1	165.4	211.2	272.8	336.6	410.6	487.5	564.2
-60°	40.9	56.8	76.2	99.3	126.6	164.3	203.6	256.8	315.9	373.8	437.9
-62.5°	30.8	43.7	59.0	77.1	99.3	121.3	152.4	188.9	227.7	275.4	322.3
-65°	24.3	31.6	43.2	57.8	73.6	92.3	111.7	131.4	162.5	193.5	222.9
-67.5°	17.5	24.1	30.8	39.0	52.4	65.6	79.6	96.8	114.1	130.3	149.3
-70°	14.4	17.0	22.3	28.4	34.3	41.4	53.0	65.1	77.3	89.5	103.1
-72.5°	12.0	14.2	16.5	19.1	23.8	28.6	33.1	37.6	45.3	55.3	64.9
-75°	10.5	11.4	13.2	15.3	17.3	19.2	21.4	25.2	29.0	32.9	36.8
-77.5°	9.5	10.2	10.9	11.9	13.0	14.7	16.3	17.9	19.5	21.0	22.4
-80°	8.6	8.9	9.3	9.9	10.6	11.4	12.3	13.3	14.3	15.5	16.8
-82.5°	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.5	10.1	10.7	11.4
-85°	7.1	7.2	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2
-87.5°	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1	3.6	3.6	3.6
87.5°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.8	1.8
85°	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.1	2.7
82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7
80°	4.1	4.1	4.0	3.9	3.6	3.6	3.6	3.6	3.6	3.2	2.7
77.5°	5.4	5.1	4.6	4.2	3.7	3.6	3.6	3.6	3.6	3.2	2.7
75°	5.6	5.2	5.0	4.8	4.5	4.4	4.2	4.0	3.7	3.5	3.5
72.5°	6.9	6.8	6.7	6.8	6.8	6.6	6.2	5.8	5.2	5.1	5.2
70°	10.3	10.7	10.8	10.6	10.0	9.1	8.5	7.7	7.0	6.8	7.0
67.5°	15.8	16.1	15.6	14.4	12.5	10.9	10.0	8.9	7.8	7.4	7.8
65°	22.5	19.8	17.7	15.8	14.1	12.6	11.5	10.3	9.1	8.9	9.9
62.5°	26.8	21.1	17.8	16.3	15.2	14.1	12.5	11.0	9.7	9.0	9.1
60°	30.6	22.5	17.0	15.5	14.1	12.7	11.0	9.7	8.5	7.7	7.5
57.5°	32.3	22.9	15.5	13.5	11.6	9.7	8.8	8.5	7.9	7.2	7.6
55°	31.1	21.3	13.2	11.7	11.1	10.7	10.3	9.5	8.8	8.3	8.6
52.5°	26.7	19.4	14.1	12.2	11.7	11.2	10.6	10.5	10.3	10.1	10.2
50°	23.8	18.1	14.5	12.4	12.3	12.3	12.3	12.5	12.7	12.9	13.0
47.5°	21.2	17.0	16.2	14.1	14.5	15.6	15.8	16.1	17.0	16.9	16.5
45°	21.2	22.7	22.3	21.0	20.3	28.2	28.7	24.1	28.6	28.0	24.5
42.5°	31.0	33.2	33.7	41.5	56.0	55.3	53.9	61.0	56.1	49.1	44.1
40°	48.1	48.0	57.0	70.0	69.6	66.8	75.7	76.9	76.3	80.4	79.1
37.5°	76.5	77.4	81.6	89.4	103.0	96.6	115.9	128.4	130.3	147.7	161.1
35°	127.3	149.2	129.7	176.1	206.6	200.1	228.3	278.7	231.2	354.0	376.1
32.5°	238.6	287.8	325.5	378.6	447.3	548.6	556.1	915.0	986.8	1198.7	1488.3
30°	410.9	553.3	827.1	898.5	1008.9	1428.9	1925.5	2546.9	3124.5	3537.1	4079.8
27.5°	989.2	1224.6	1814.3	2455.0	2417.6	3202.4	4978.6	5525.0	7024.7	7523.7	8789.7
25°	2212.7	2776.3	4203.7	5475.8	6124.1	8191.8	10535.2	11591.9	13567.6	14618.1	16168.0
22.5°	4327.1	5873.4	7766.6	9720.1	12154.4	15320.3	18217.1	20331.7	22991.8	25127.5	26391.6
20°	7003.6	9143.3	12058.9	15093.4	18858.6	23017.8	26041.5	30325.5	34326.4	38125.7	39839.4
17.5°	9552.3	13127.2	16654.6	20317.2	25256.5	30697.0	35624.9	41890.4	48524.6	53626.3	57785.2
15°	11711.9	15689.8	20779.2	25156.4	30809.8	37594.3	44920.4	52930.6	62471.4	69722.7	77531.8
12.5°	13705.5	17694.1	23216.0	28443.9	36056.2	43718.8	52268.2	62221.1	73250.0	83976.8	94039.1
10°	14988.9	19585.9	25503.2	31854.6	39652.3	48549.9	58275.3	69425.1	83558.7	95822.0	107158.2
7.5°	15765.4	21311.2	27438.5	34211.1	42558.6	51714.7	61956.9	75101.1	89951.1	102760.6	112944.7
5°	16529.1	22724.7	28687.7	35347.0	44450.3	53767.4	63757.5	76942.4	92259.0	105080.6	114225.9
2.5°	17294.9	23697.8	29373.9	35799.0	45524.3	54927.5	65504.6	79551.4	94947.0	106722.5	114666.8
0°	17994.8	24044.9	29620.7	35912.5	45992.0	55434.2	66202.7	80073.3	97248.3	108573.5	116265.1
-2.5°	18248.6	24026.1	29353.8	35592.1	45601.5	54740.6	65458.0	80406.3	96434.0	107958.0	115768.2
-5°	17476.6	22719.6	27904.3	34223.1	43527.7	52961.1	63750.6	78573.0	93787.4	105717.6	113165.3
-7.5°	16025.0	20762.2	25861.9	32123.3	40577.5	49693.5	59515.4	72462.4	87440.7	98554.9	104420.7
-10°	14505.6	18568.9	23386.5	29181.7	36631.8	45288.8	53430.3	64446.7	78290.5	88143.9	94147.0
-12.5°	12768.8	16066.1	20512.6	25578.0	32228.1	39775.3	47221.8	56539.8	67112.4	77246.9	83496.6
-15°	10945.4	13599.0	17462.5	22323.1	27574.9	33220.1	40106.1	47654.1	56084.4	64299.0	71418.5
-17.5°	9486.0	11533.7	15079.1	19447.2	23451.8	28031.5	34743.1	40879.2	47048.9	53674.0	59605.1
-20°	8547.3	10469.4	13333.3	16980.4	20953.1	25569.5	30756.0	36122.8	41858.0	46944.6	52172.1



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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°	7798.1	9773.7	11983.4	15023.0	19251.4	23492.6	27482.4	31589.5	36347.6	41543.3	45922.6
-25°	6824.9	8896.7	10996.0	13887.1	17447.1	21195.9	24133.2	27057.5	31350.7	35769.3	39389.6
-27.5°	5471.5	7813.9	10264.9	12618.1	15652.8	18319.0	20900.2	23550.4	27293.9	31023.7	33728.7
-30°	3904.3	6609.9	9155.5	11559.9	13643.5	15742.9	17901.7	20614.6	23744.0	26745.1	29044.5
-32.5°	2856.9	4884.2	7637.1	10091.1	12130.1	13887.6	15545.6	17959.5	20407.8	22814.2	25012.0
-35°	1823.0	3304.8	5449.9	7948.8	10342.7	12208.5	14011.2	15760.3	17600.4	19651.3	21553.1
-37.5°	1569.6	1968.1	3285.9	5150.3	7444.6	9882.7	11655.0	13396.3	15274.6	16815.5	18414.3
-40°	1422.6	1630.7	1964.5	2625.8	4358.2	6078.3	8069.5	9931.8	11727.2	13308.8	14769.9
-42.5°	1358.4	1482.9	1617.7	1868.6	2148.1	2972.8	4424.6	5780.5	7378.5	8966.1	10352.7
-45°	1390.8	1433.7	1502.3	1625.6	1740.0	1972.3	2217.0	2472.6	3564.5	4709.4	5690.5
-47.5°	1301.8	1426.5	1493.1	1546.7	1605.5	1706.6	1811.2	1953.6	2199.7	2449.2	2646.8
-50°	1154.1	1287.0	1403.6	1518.7	1574.4	1614.8	1657.9	1741.3	1855.5	1973.0	2059.5
-52.5°	970.3	1098.9	1227.3	1343.9	1438.9	1530.7	1621.4	1689.7	1749.4	1808.4	1836.9
-55°	805.9	913.1	1016.6	1121.6	1225.2	1323.4	1424.0	1526.3	1621.3	1709.2	1752.6
-57.5°	651.3	741.3	830.3	910.4	992.9	1076.9	1170.0	1269.4	1367.8	1459.6	1507.2
-60°	504.7	573.7	646.5	711.8	773.2	830.7	911.1	992.7	1070.7	1137.3	1172.7
-62.5°	369.0	422.6	477.8	529.7	578.9	627.7	688.3	747.3	804.0	849.7	876.4
-65°	255.8	295.6	332.7	368.6	403.4	445.0	490.9	535.1	577.0	608.3	626.0
-67.5°	174.6	198.2	219.0	238.3	263.4	292.7	324.8	355.0	383.3	403.7	417.3
-70°	116.7	129.5	141.0	154.1	169.9	185.9	203.3	220.5	237.1	248.7	255.8
-72.5°	74.0	82.2	90.0	99.0	107.5	116.0	124.4	132.3	139.4	146.1	152.3
-75°	40.6	44.9	51.1	56.8	62.1	67.8	73.3	78.2	82.5	85.4	87.5
-77.5°	24.8	27.6	30.2	32.4	34.5	37.0	39.8	42.7	45.6	47.5	49.0
-80°	18.0	18.9	19.8	20.7	21.7	22.5	23.1	23.7	24.1	24.8	25.5
-82.5°	12.2	12.7	13.2	13.6	14.1	14.9	15.7	16.4	17.1	17.8	18.4
-85°	8.3	8.2	8.2	8.2	8.2	8.7	9.3	9.8	10.3	10.4	10.5
-87.5°	6.9	6.5	6.2	5.8	5.4	5.4	5.3	5.3	5.3	5.4	5.4
-90°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.8	1.8



REPORT NUMBER: P1306245 (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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
75°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.7	4.0
72.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.1	5.2	5.8
70°	7.1	7.1	7.2	7.2	7.2	7.1	7.1	7.0	6.8	7.0	7.7
67.5°	8.3	8.8	8.9	8.9	8.9	8.8	8.3	7.8	7.4	7.8	8.9
65°	11.1	12.2	11.7	10.7	11.7	12.2	11.1	9.9	8.9	9.1	10.3
62.5°	9.1	9.1	8.9	8.9	8.9	9.1	9.1	9.1	9.0	9.7	11.0
60°	7.4	7.3	7.2	7.2	7.2	7.3	7.4	7.5	7.7	8.5	9.7
57.5°	8.1	8.7	8.9	8.9	8.9	8.7	8.1	7.6	7.2	7.9	8.5
55°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.3	8.8	9.5
52.5°	10.4	10.6	10.7	10.7	10.7	10.6	10.4	10.2	10.1	10.3	10.5
50°	12.9	12.6	12.5	12.5	12.5	12.6	12.9	13.0	12.9	12.7	12.5
47.5°	16.4	16.1	16.0	16.1	16.0	16.1	16.4	16.5	16.9	17.0	16.1
45°	24.5	23.7	23.1	23.3	23.1	23.7	24.5	24.5	28.0	28.6	24.1
42.5°	46.8	48.4	50.4	53.7	50.4	48.4	46.8	44.1	49.1	56.1	61.0
40°	79.9	77.6	74.6	75.2	74.6	77.6	79.9	79.1	80.4	76.3	76.9
37.5°	166.0	159.7	147.7	139.6	147.7	159.7	166.0	161.1	147.7	130.3	128.4
35°	341.3	333.2	313.5	307.9	313.5	333.2	341.3	376.1	354.0	231.2	278.7
32.5°	1606.2	1790.4	1848.2	1850.8	1848.2	1790.4	1606.2	1488.3	1198.7	986.8	915.0
30°	4122.1	4077.2	3679.6	3270.3	3679.6	4077.2	4122.1	4079.8	3537.1	3124.5	2546.9
27.5°	9920.5	11132.5	12007.9	11724.4	12007.9	11132.5	9920.5	8789.7	7523.7	7024.7	5525.0
25°	17867.9	18725.6	19007.0	18589.0	19007.0	18725.6	17867.9	16168.0	14618.1	13567.6	11591.9
22.5°	28052.2	28567.3	28522.4	27581.9	28522.4	28567.3	28052.2	26391.6	25127.5	22991.8	20331.7
20°	42244.3	42162.2	42584.1	40670.3	42584.1	42162.2	42244.3	39839.4	38125.7	34326.4	30325.5
17.5°	62317.0	65613.8	68124.0	67883.5	68124.0	65613.8	62317.0	57785.2	53626.3	48524.6	41890.4
15°	83639.7	88621.2	92026.0	92247.1	92026.0	88621.2	83639.7	77531.8	69722.7	62471.4	52930.6
12.5°	102174.9	107502.2	110393.9	109954.6	110393.9	107502.2	102174.9	94039.1	83976.8	73250.0	62221.1
10°	113982.3	118082.8	121126.1	121882.1	121126.1	118082.8	113982.3	107158.2	95822.0	83558.7	69425.1
7.5°	118717.0	122554.6	125207.5	125167.7	125207.5	122554.6	118717.0	112944.7	102760.6	89951.1	75101.1
5°	119593.2	123371.6	124873.2	125157.8	124873.2	123371.6	119593.2	114225.9	105080.6	92259.0	76942.4
2.5°	120454.7	123587.5	125219.5	124599.3	125219.5	123587.5	120454.7	114666.8	106722.5	94947.0	79551.4
0°	120792.0	123303.4	124578.7	124184.0	124578.7	123303.4	120792.0	116265.1	108573.5	97248.3	80073.3
-2.5°	120676.5	122328.5	123408.0	123034.8	123408.0	122328.5	120676.5	115768.2	107958.0	96434.0	80406.3
-5°	117588.3	119011.0	119514.0	119789.6	119514.0	119011.0	117588.3	113165.3	105717.6	93787.4	78573.0
-7.5°	107664.3	109534.2	108932.9	109839.9	108932.9	109534.2	107664.3	104420.7	98554.9	87440.7	72462.4
-10°	97846.8	99666.4	99042.2	99627.2	99042.2	99666.4	97846.8	94147.0	88143.9	78290.5	64446.7
-12.5°	88589.2	90878.0	90844.1	91674.2	90844.1	90878.0	88589.2	83496.6	77246.9	67112.4	56539.8
-15°	77459.1	80374.3	81961.9	82980.3	81961.9	80374.3	77459.1	71418.5	64299.0	56084.4	47654.1
-17.5°	65702.1	69450.9	72121.6	72532.1	72121.6	69450.9	65702.1	59605.1	53674.0	47048.9	40879.2
-20°	56663.3	60042.9	62556.6	63367.4	62556.6	60042.9	56663.3	52172.1	46944.6	41858.0	36122.8



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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°	49091.4	51880.4	53697.8	54145.4	53697.8	51880.4	49091.4	45922.6	41543.3	36347.6	31589.5
-25°	41761.6	43320.9	44274.9	44635.2	44274.9	43320.9	41761.6	39389.6	35769.3	31350.7	27057.5
-27.5°	35795.9	36908.2	37384.5	37571.9	37384.5	36908.2	35795.9	33728.7	31023.7	27293.9	23550.4
-30°	30802.1	31656.2	32179.6	32373.7	32179.6	31656.2	30802.1	29044.5	26745.1	23744.0	20614.6
-32.5°	26691.4	27541.5	28092.9	28290.8	28092.9	27541.5	26691.4	25012.0	22814.2	20407.8	17959.5
-35°	22842.3	23545.1	24047.5	24281.2	24047.5	23545.1	22842.3	21553.1	19651.3	17600.4	15760.3
-37.5°	19440.1	20074.2	20492.6	20622.5	20492.6	20074.2	19440.1	18414.3	16815.5	15274.6	13396.3
-40°	15593.0	16165.2	16483.5	16467.9	16483.5	16165.2	15593.0	14769.9	13308.8	11727.2	9931.8
-42.5°	11172.1	11750.0	12158.5	12465.5	12158.5	11750.0	11172.1	10352.7	8966.1	7378.5	5780.5
-45°	6347.1	6821.9	7127.5	7270.9	7127.5	6821.9	6347.1	5690.5	4709.4	3564.5	2472.6
-47.5°	2764.4	2850.5	2893.9	2894.4	2893.9	2850.5	2764.4	2646.8	2449.2	2199.7	1953.6
-50°	2122.2	2176.4	2207.6	2216.0	2207.6	2176.4	2122.2	2059.5	1973.0	1855.5	1741.3
-52.5°	1856.9	1875.7	1884.1	1884.9	1884.1	1875.7	1856.9	1836.9	1808.4	1749.4	1689.7
-55°	1789.3	1820.5	1833.0	1831.2	1833.0	1820.5	1789.3	1752.6	1709.2	1621.3	1526.3
-57.5°	1546.8	1577.9	1595.9	1602.0	1595.9	1577.9	1546.8	1507.2	1459.6	1367.8	1269.4
-60°	1200.1	1219.6	1236.5	1247.6	1236.5	1219.6	1200.1	1172.7	1137.3	1070.7	992.7
-62.5°	898.2	914.6	930.4	941.5	930.4	914.6	898.2	876.4	849.7	804.0	747.3
-65°	638.8	647.0	660.1	671.2	660.1	647.0	638.8	626.0	608.3	577.0	535.1
-67.5°	428.0	435.8	440.5	442.1	440.5	435.8	428.0	417.3	403.7	383.3	355.0
-70°	260.7	263.6	269.2	273.9	269.2	263.6	260.7	255.8	248.7	237.1	220.5
-72.5°	157.7	162.5	162.5	161.1	162.5	162.5	157.7	152.3	146.1	139.4	132.3
-75°	89.2	90.4	91.1	91.3	91.1	90.4	89.2	87.5	85.4	82.5	78.2
-77.5°	50.3	51.4	50.9	50.1	50.9	51.4	50.3	49.0	47.5	45.6	42.7
-80°	26.1	26.7	26.8	26.8	26.8	26.7	26.1	25.5	24.8	24.1	23.7
-82.5°	19.0	19.6	18.8	17.9	18.8	19.6	19.0	18.4	17.8	17.1	16.4
-85°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.3	9.8
-87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3
-90°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.5	5.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
85°	3.5	3.5	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	3.6	3.6	3.6	3.6	3.8	3.9	3.9	3.8
80°	3.6	3.6	3.6	3.9	4.0	4.1	4.1	4.3	4.6	4.9	5.0
77.5°	3.6	3.6	3.7	4.2	4.6	5.1	5.4	5.3	5.3	5.3	5.3
75°	4.2	4.4	4.5	4.8	5.0	5.2	5.6	5.9	6.0	6.0	5.8
72.5°	6.2	6.6	6.8	6.8	6.7	6.8	6.9	7.0	7.1	7.2	6.8
70°	8.5	9.1	10.0	10.6	10.8	10.7	10.3	9.7	8.8	8.5	7.9
67.5°	10.0	10.9	12.5	14.4	15.6	16.1	15.8	14.9	13.9	12.8	10.2
65°	11.5	12.6	14.1	15.8	17.7	19.8	22.5	22.7	21.6	19.1	13.8
62.5°	12.5	14.1	15.2	16.3	17.8	21.1	26.8	29.9	30.6	27.0	20.3
60°	11.0	12.7	14.1	15.5	17.0	22.5	30.6	36.8	41.0	34.8	26.3
57.5°	8.8	9.7	11.6	13.5	15.5	22.9	32.3	42.3	49.0	39.7	31.1
55°	10.3	10.7	11.1	11.7	13.2	21.3	31.1	41.6	47.4	41.5	32.0
52.5°	10.6	11.2	11.7	12.2	14.1	19.4	26.7	37.2	40.4	35.5	29.9
50°	12.3	12.3	12.3	12.4	14.5	18.1	23.8	31.6	31.2	29.1	24.3
47.5°	15.8	15.6	14.5	14.1	16.2	17.0	21.2	24.7	25.4	23.2	19.6
45°	28.7	28.2	20.3	21.0	22.3	22.7	21.2	23.3	23.0	21.0	16.6
42.5°	53.9	55.3	56.0	41.5	33.7	33.2	31.0	29.2	26.9	22.4	20.1
40°	75.7	66.8	69.6	70.0	57.0	48.0	48.1	40.8	36.5	30.5	28.8
37.5°	115.9	96.6	103.0	89.4	81.6	77.4	76.5	64.9	49.3	54.0	50.8
35°	228.3	200.1	206.6	176.1	129.7	149.2	127.3	103.4	90.3	92.2	83.0
32.5°	556.1	548.6	447.3	378.6	325.5	287.8	238.6	169.2	177.3	164.2	131.7
30°	1925.5	1428.9	1008.9	898.5	827.1	553.3	410.9	398.9	318.9	265.4	199.9
27.5°	4978.6	3202.4	2417.6	2455.0	1814.3	1224.6	989.2	805.2	547.5	413.3	315.8
25°	10535.2	8191.8	6124.1	5475.8	4203.7	2776.3	2212.7	1625.4	1032.2	598.4	485.2
22.5°	18217.1	15320.3	12154.4	9720.1	7766.6	5873.4	4327.1	2804.1	1649.4	956.6	687.8
20°	26041.5	23017.8	18858.6	15093.4	12058.9	9143.3	7003.6	4667.9	2791.0	1503.0	902.7
17.5°	35624.9	30697.0	25256.5	20317.2	16654.6	13127.2	9552.3	6616.2	4122.5	2076.4	1123.1
15°	44920.4	37594.3	30809.8	25156.4	20779.2	15689.8	11711.9	8405.8	5642.7	2986.6	1550.1
12.5°	52268.2	43718.8	36056.2	28443.9	23216.0	17694.1	13705.5	10244.5	7023.8	3935.4	1915.1
10°	58275.3	48549.9	39652.3	31854.6	25503.2	19585.9	14988.9	11125.2	7541.9	4604.3	2248.6
7.5°	61956.9	51714.7	42558.6	34211.1	27438.5	21311.2	15765.4	11488.0	7803.2	5077.7	2543.1
5°	63757.5	53767.4	44450.3	35347.0	28687.7	22724.7	16529.1	11600.0	7840.2	5371.9	2790.1
2.5°	65504.6	54927.5	45524.3	35799.0	29373.9	23697.8	17294.9	11677.5	7911.9	5506.7	2871.9
0°	66202.7	55434.2	45992.0	35912.5	29620.7	24044.9	17994.8	11706.5	7958.3	5509.6	2887.3
-2.5°	65458.0	54740.6	45601.5	35592.1	29353.8	24026.1	18248.6	12589.8	8459.3	5776.9	2968.6
-5°	63750.6	52961.1	43527.7	34223.1	27904.3	22719.6	17476.6	12625.7	8575.5	5810.5	2972.9
-7.5°	59515.4	49693.5	40577.5	32123.3	25861.9	20762.2	16025.0	11767.9	8049.6	5299.2	2732.7
-10°	53430.3	45288.8	36631.8	29181.7	23386.5	18568.9	14505.6	10731.2	7373.1	4687.8	2435.5
-12.5°	47221.8	39775.3	32228.1	25578.0	20512.6	16066.1	12768.8	9529.9	6546.1	3993.5	2089.9
-15°	40106.1	33220.1	27574.9	22323.1	17462.5	13599.0	10945.4	8340.7	5820.2	3297.6	1702.8
-17.5°	34743.1	28031.5	23451.8	19447.2	15079.1	11533.7	9486.0	7441.2	5115.4	2778.8	1368.1
-20°	30756.0	25569.5	20953.1	16980.4	13333.3	10469.4	8547.3	6591.2	4289.8	2333.0	1295.2



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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°	27482.4	23492.6	19251.4	15023.0	11983.4	9773.7	7798.1	5710.3	3336.3	1773.6	1203.3
-25°	24133.2	21195.9	17447.1	13887.1	10996.0	8896.7	6824.9	4523.1	2608.1	1423.3	1105.1
-27.5°	20900.2	18319.0	15652.8	12618.1	10264.9	7813.9	5471.5	3272.5	1808.3	1294.6	1069.4
-30°	17901.7	15742.9	13643.5	11559.9	9155.5	6609.9	3904.3	2338.6	1477.3	1178.0	1032.4
-32.5°	15545.6	13887.6	12130.1	10091.1	7637.1	4884.2	2856.9	1624.7	1301.9	1129.5	1035.5
-35°	14011.2	12208.5	10342.7	7948.8	5449.9	3304.8	1823.0	1441.4	1216.0	1091.3	1050.1
-37.5°	11655.0	9882.7	7444.6	5150.3	3285.9	1968.1	1569.6	1324.9	1158.3	1103.6	1018.7
-40°	8069.5	6078.3	4358.2	2625.8	1964.5	1630.7	1422.6	1257.9	1188.0	1084.5	964.0
-42.5°	4424.6	2972.8	2148.1	1868.6	1617.7	1482.9	1358.4	1290.3	1182.4	1034.9	880.8
-45°	2217.0	1972.3	1740.0	1625.6	1502.3	1433.7	1390.8	1262.7	1112.1	945.8	784.8
-47.5°	1811.2	1706.6	1605.5	1546.7	1493.1	1426.5	1301.8	1166.8	993.8	833.8	701.0
-50°	1657.9	1614.8	1574.4	1518.7	1403.6	1287.0	1154.1	1011.9	859.8	726.7	609.3
-52.5°	1621.4	1530.7	1438.9	1343.9	1227.3	1098.9	970.3	851.9	727.0	617.6	517.3
-55°	1424.0	1323.4	1225.2	1121.6	1016.6	913.1	805.9	701.2	605.0	509.8	426.6
-57.5°	1170.0	1076.9	992.9	910.4	830.3	741.3	651.3	564.2	487.5	410.6	336.6
-60°	911.1	830.7	773.2	711.8	646.5	573.7	504.7	437.9	373.8	315.9	256.8
-62.5°	688.3	627.7	578.9	529.7	477.8	422.6	369.0	322.3	275.4	227.7	188.9
-65°	490.9	445.0	403.4	368.6	332.7	295.6	255.8	222.9	193.5	162.5	131.4
-67.5°	324.8	292.7	263.4	238.3	219.0	198.2	174.6	149.3	130.3	114.1	96.8
-70°	203.3	185.9	169.9	154.1	141.0	129.5	116.7	103.1	89.5	77.3	65.1
-72.5°	124.4	116.0	107.5	99.0	90.0	82.2	74.0	64.9	55.3	45.3	37.6
-75°	73.3	67.8	62.1	56.8	51.1	44.9	40.6	36.8	32.9	29.0	25.2
-77.5°	39.8	37.0	34.5	32.4	30.2	27.6	24.8	22.4	21.0	19.5	17.9
-80°	23.1	22.5	21.7	20.7	19.8	18.9	18.0	16.8	15.5	14.3	13.3
-82.5°	15.7	14.9	14.1	13.6	13.2	12.7	12.2	11.4	10.7	10.1	9.5
-85°	9.3	8.7	8.2	8.2	8.2	8.2	8.3	8.2	8.1	8.0	7.9
-87.5°	5.3	5.4	5.4	5.8	6.2	6.5	6.9	6.8	6.8	6.7	6.7
-90°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1306245 (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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0
82.5°	3.6	3.6	3.6	3.6	3.9	4.1	4.1	4.1	4.3	4.5	5.0
80°	4.5	4.1	3.8	3.7	4.1	4.6	4.8	4.8	4.8	4.9	5.1
77.5°	5.0	4.6	4.0	3.7	4.2	4.6	5.1	5.4	5.3	5.2	5.2
75°	5.4	5.2	4.8	4.4	4.4	4.7	5.1	5.4	5.4	5.4	5.3
72.5°	6.2	5.7	5.4	5.4	5.1	5.0	5.2	5.4	5.4	5.4	5.4
70°	7.0	6.1	5.5	5.4	5.4	5.4	5.3	5.4	5.4	5.4	5.4
67.5°	8.1	7.1	6.2	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	10.7	8.5	7.1	6.2	5.6	5.4	5.4	5.4	5.4	5.4	5.4
62.5°	14.4	9.9	8.0	7.0	6.0	5.5	5.4	5.4	5.4	5.4	5.4
60°	19.5	13.5	9.5	8.1	6.8	5.6	5.4	5.4	5.4	5.4	5.4
57.5°	22.8	16.8	12.8	9.8	8.1	6.4	5.6	5.6	5.4	5.4	5.4
55°	24.3	18.2	15.2	11.9	9.5	7.8	6.2	5.9	5.5	5.4	5.5
52.5°	22.7	19.1	16.6	13.5	10.7	9.1	7.5	6.2	5.9	5.4	5.6
50°	18.8	19.1	17.6	14.8	11.5	9.8	8.6	7.1	6.3	5.5	5.7
47.5°	16.9	18.6	18.1	15.9	12.6	10.5	9.4	8.0	6.8	6.0	5.7
45°	17.6	17.9	18.5	16.8	14.1	11.7	10.0	8.8	7.5	6.6	5.8
42.5°	20.0	19.6	18.7	18.0	15.8	13.0	10.6	9.4	8.1	7.1	6.2
40°	26.4	23.2	20.2	19.8	18.0	14.4	11.7	9.9	8.6	7.6	6.6
37.5°	34.9	30.0	24.6	24.1	20.9	16.6	12.8	10.4	9.2	8.1	7.1
35°	61.6	39.7	38.3	34.0	26.4	19.1	13.9	11.1	9.8	8.6	7.5
32.5°	95.5	72.2	67.8	50.8	33.6	21.9	15.8	12.5	10.5	9.1	7.9
30°	159.6	153.0	110.6	72.2	45.1	28.6	18.9	14.3	11.3	9.6	8.3
27.5°	280.8	259.6	173.0	111.5	65.6	37.3	23.5	16.3	12.0	10.1	8.7
25°	419.2	379.2	277.7	163.8	89.0	59.3	28.9	18.6	13.4	10.7	9.0
22.5°	576.9	504.7	399.8	224.1	137.1	88.8	40.7	22.8	15.1	11.3	9.4
20°	734.1	637.0	529.0	300.2	197.8	129.7	61.9	27.4	16.9	11.9	9.7
17.5°	896.7	746.3	598.7	391.9	260.6	173.9	86.9	32.2	18.8	12.6	10.0
15°	1028.3	818.5	659.6	471.3	319.6	220.6	114.8	37.1	20.7	13.2	10.3
12.5°	1136.2	886.3	716.2	539.1	374.9	268.8	144.7	42.0	22.6	13.7	10.4
10°	1233.9	949.1	768.1	596.2	426.5	317.5	175.4	46.9	24.7	14.3	10.5
7.5°	1320.5	1006.3	815.0	643.7	468.2	347.9	194.5	51.5	26.8	14.8	10.6
5°	1388.1	1051.8	844.9	657.7	472.4	355.7	208.9	55.6	28.8	15.3	10.7
2.5°	1411.2	1082.7	863.0	662.0	473.2	358.8	219.9	59.4	30.6	15.7	10.7
0°	1419.5	1106.2	875.3	660.5	470.8	358.0	227.3	62.6	32.2	16.1	10.7
-2.5°	1431.1	1111.2	889.2	688.2	494.7	370.8	239.4	78.1	42.0	21.6	12.7
-5°	1429.1	1108.7	897.4	709.9	514.6	380.4	248.1	92.7	51.3	26.8	14.5
-7.5°	1380.2	1080.9	890.3	722.7	529.7	386.8	253.4	106.0	59.9	31.6	16.3
-10°	1310.9	1035.1	863.7	715.2	540.3	394.9	256.6	117.8	67.5	35.8	17.8
-12.5°	1229.4	984.7	838.9	706.5	547.3	404.4	262.5	129.0	74.1	39.3	19.0
-15°	1136.0	930.5	818.2	698.0	550.8	410.6	264.4	138.6	80.5	42.5	19.9
-17.5°	1040.5	873.3	803.5	691.0	551.0	413.5	262.0	145.6	85.4	45.7	21.4
-20°	1009.0	854.5	794.4	686.8	548.1	413.3	255.4	149.7	88.7	47.8	23.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	982.3	871.7	793.5	679.5	542.7	409.8	244.4	150.7	90.1	48.9	24.4
-25°	953.5	890.4	788.1	660.8	534.5	394.3	237.2	148.3	89.5	48.8	25.1
-27.5°	958.9	901.0	774.3	633.9	509.6	373.6	233.8	147.3	87.9	47.5	25.2
-30°	980.1	879.6	742.0	600.1	479.8	338.9	225.8	143.8	86.2	46.7	24.6
-32.5°	983.9	848.0	697.1	563.4	440.3	303.2	210.0	137.5	82.9	45.9	24.4
-35°	940.0	796.3	643.3	520.9	397.2	280.4	191.7	128.4	77.8	44.2	24.0
-37.5°	890.8	732.5	591.7	473.3	353.3	253.8	175.7	116.6	70.8	41.6	23.1
-40°	814.6	668.1	539.7	424.7	316.9	223.3	157.1	105.1	65.7	38.0	21.6
-42.5°	732.9	606.2	487.1	376.0	279.5	199.8	136.8	92.2	59.6	35.0	19.6
-45°	659.9	541.1	431.1	330.7	240.0	173.6	120.8	78.8	52.6	32.0	17.7
-47.5°	583.0	475.2	374.4	281.4	207.9	147.2	103.3	70.2	45.0	28.3	16.3
-50°	506.0	407.5	316.0	238.3	172.6	125.9	86.4	60.7	39.6	23.7	14.6
-52.5°	426.3	339.2	261.5	194.7	144.5	102.9	74.8	50.7	33.7	20.5	12.5
-55°	345.8	274.8	208.5	158.1	116.8	86.6	62.3	43.1	27.2	17.7	10.5
-57.5°	272.8	211.2	165.4	125.1	94.7	71.3	51.4	34.8	22.7	14.6	10.2
-60°	203.6	164.3	126.6	99.3	76.2	56.8	40.9	27.2	18.7	11.9	9.8
-62.5°	152.4	121.3	99.3	77.1	59.0	43.7	30.8	22.1	14.5	11.2	9.4
-65°	111.7	92.3	73.6	57.8	43.2	31.6	24.3	16.7	12.7	10.5	8.9
-67.5°	79.6	65.6	52.4	39.0	30.8	24.1	17.5	13.9	11.4	9.6	8.5
-70°	53.0	41.4	34.3	28.4	22.3	17.0	14.4	12.1	10.1	9.1	8.1
-72.5°	33.1	28.6	23.8	19.1	16.5	14.2	12.0	10.4	9.5	8.5	7.6
-75°	21.4	19.2	17.3	15.3	13.2	11.4	10.5	9.7	8.8	8.0	7.5
-77.5°	16.3	14.7	13.0	11.9	10.9	10.2	9.5	9.0	8.3	7.7	7.4
-80°	12.3	11.4	10.6	9.9	9.3	8.9	8.6	8.3	7.8	7.5	7.3
-82.5°	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0
-85°	7.8	7.7	7.6	7.4	7.3	7.2	7.1	6.9	6.8	6.6	6.5
-87.5°	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.2	6.1	6.0	5.9
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
82.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
80°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
77.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
75°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
72.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
70°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
67.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
62.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
60°	5.4	5.4	5.4	5.4	5.4	5.4	5.4
57.5°	5.5	5.4	5.4	5.4	5.4	5.4	5.4
55°	5.6	5.4	5.4	5.4	5.4	5.4	5.4
52.5°	5.7	5.4	5.4	5.4	5.4	5.4	5.4
50°	5.9	5.6	5.4	5.4	5.4	5.4	5.4
47.5°	6.1	5.8	5.4	5.4	5.4	5.4	5.4
45°	6.2	6.0	5.4	5.4	5.4	5.4	5.4
42.5°	6.3	6.2	5.4	5.4	5.4	5.4	5.4
40°	6.3	6.4	5.5	5.4	5.4	5.4	5.4
37.5°	6.4	6.7	5.7	5.5	5.4	5.4	5.4
35°	6.5	6.8	5.9	5.5	5.4	5.4	5.4
32.5°	6.7	6.9	6.0	5.6	5.4	5.4	5.4
30°	7.0	7.0	6.2	5.7	5.4	5.4	5.4
27.5°	7.4	7.0	6.4	5.8	5.4	5.4	5.4
25°	7.7	7.1	6.6	5.9	5.4	5.4	5.4
22.5°	8.0	7.2	6.8	6.0	5.4	5.4	5.4
20°	8.2	7.2	6.9	6.1	5.4	5.4	5.4
17.5°	8.4	7.2	7.0	6.2	5.4	5.4	5.4
15°	8.5	7.2	7.1	6.4	5.4	5.4	5.4
12.5°	8.7	7.2	7.1	6.5	5.4	5.4	5.4
10°	8.7	7.2	7.2	6.7	5.4	5.4	5.4
7.5°	8.8	7.2	7.2	6.8	5.4	5.4	5.4
5°	8.9	7.2	7.2	6.9	5.4	5.4	5.4
2.5°	8.9	7.2	7.2	7.1	5.4	5.4	5.4
0°	8.9	7.2	7.2	7.2	5.4	5.4	5.4
-2.5°	9.4	7.4	7.2	7.2	5.5	5.4	5.4
-5°	9.8	7.6	7.2	7.2	5.6	5.4	5.4
-7.5°	10.2	7.7	7.2	7.2	5.6	5.4	5.4
-10°	10.6	7.9	7.2	7.1	5.7	5.4	5.4
-12.5°	10.9	8.0	7.2	7.1	5.8	5.4	5.4
-15°	11.1	8.1	7.2	7.1	5.8	5.4	5.4
-17.5°	11.2	8.2	7.2	7.1	5.9	5.4	5.4
-20°	11.7	8.2	7.2	7.0	5.9	5.4	5.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.6	8.2	7.2	7.0	6.0	5.4	5.4
-25°	13.3	8.4	7.2	7.0	6.0	5.4	5.4
-27.5°	13.6	8.6	7.2	7.0	6.0	5.4	5.4
-30°	13.6	8.6	7.2	7.0	6.1	5.4	5.4
-32.5°	13.3	8.5	7.3	7.0	6.1	5.4	5.4
-35°	13.1	8.3	7.4	7.1	6.1	5.4	5.4
-37.5°	12.8	8.1	7.4	7.1	6.0	5.4	5.4
-40°	12.3	8.2	7.5	7.2	6.0	5.4	5.4
-42.5°	11.6	8.2	7.5	7.2	6.0	5.4	5.4
-45°	10.7	8.2	7.5	7.2	5.9	5.4	5.4
-47.5°	9.6	8.2	7.5	7.2	5.9	5.4	5.4
-50°	9.3	8.2	7.5	7.1	5.8	5.4	5.4
-52.5°	9.2	8.1	7.4	6.9	5.7	5.4	5.4
-55°	9.0	8.0	7.4	6.8	5.6	5.4	5.4
-57.5°	8.8	7.8	7.3	6.6	5.5	5.4	5.4
-60°	8.5	7.7	7.2	6.4	5.4	5.4	5.4
-62.5°	8.3	7.5	7.0	6.3	5.4	5.4	5.4
-65°	8.0	7.3	6.9	6.1	5.4	5.4	5.4
-67.5°	7.6	7.1	6.7	6.0	5.4	5.4	5.4
-70°	7.2	7.0	6.6	5.8	5.4	5.4	5.4
-72.5°	7.2	6.9	6.4	5.7	5.4	5.4	5.4
-75°	7.2	6.8	6.3	5.7	5.4	5.4	5.4
-77.5°	7.2	6.7	6.1	5.7	5.4	5.4	5.4
-80°	7.2	6.5	6.0	5.6	5.4	5.4	5.4
-82.5°	6.8	6.3	5.9	5.6	5.4	5.4	5.4
-85°	6.3	6.0	5.7	5.5	5.4	5.4	5.4
-87.5°	5.9	5.7	5.6	5.5	5.4	5.4	5.4
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4

(END OF REPORT)