

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: P1305593 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

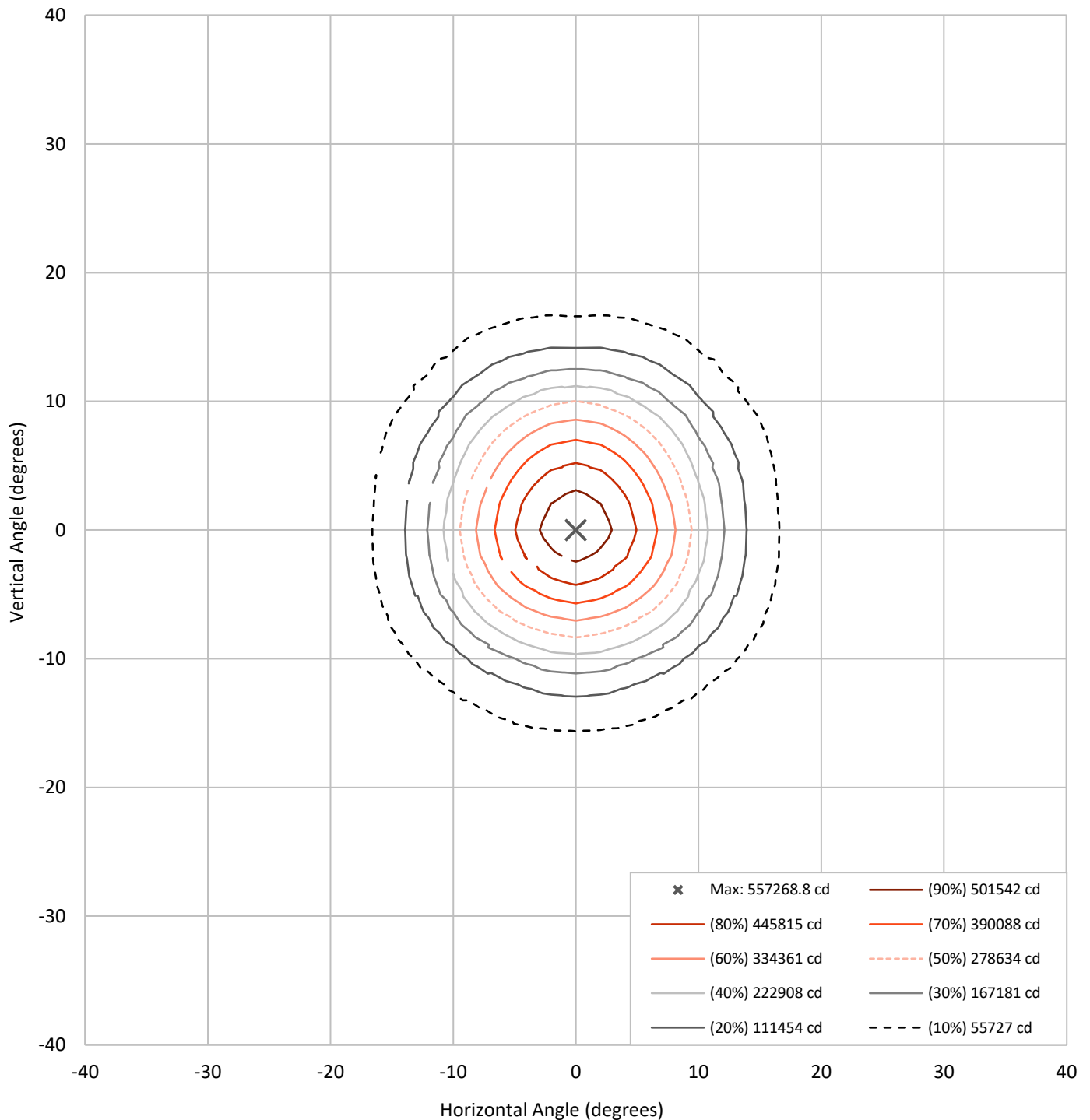
Test Method: LM-79-08
Report Number: P1305593 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-1S-CV1-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	67123.9 lumens	Max Intensity:	557268.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	31318 lumens	Field Lumens:	56882.1 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	677		
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





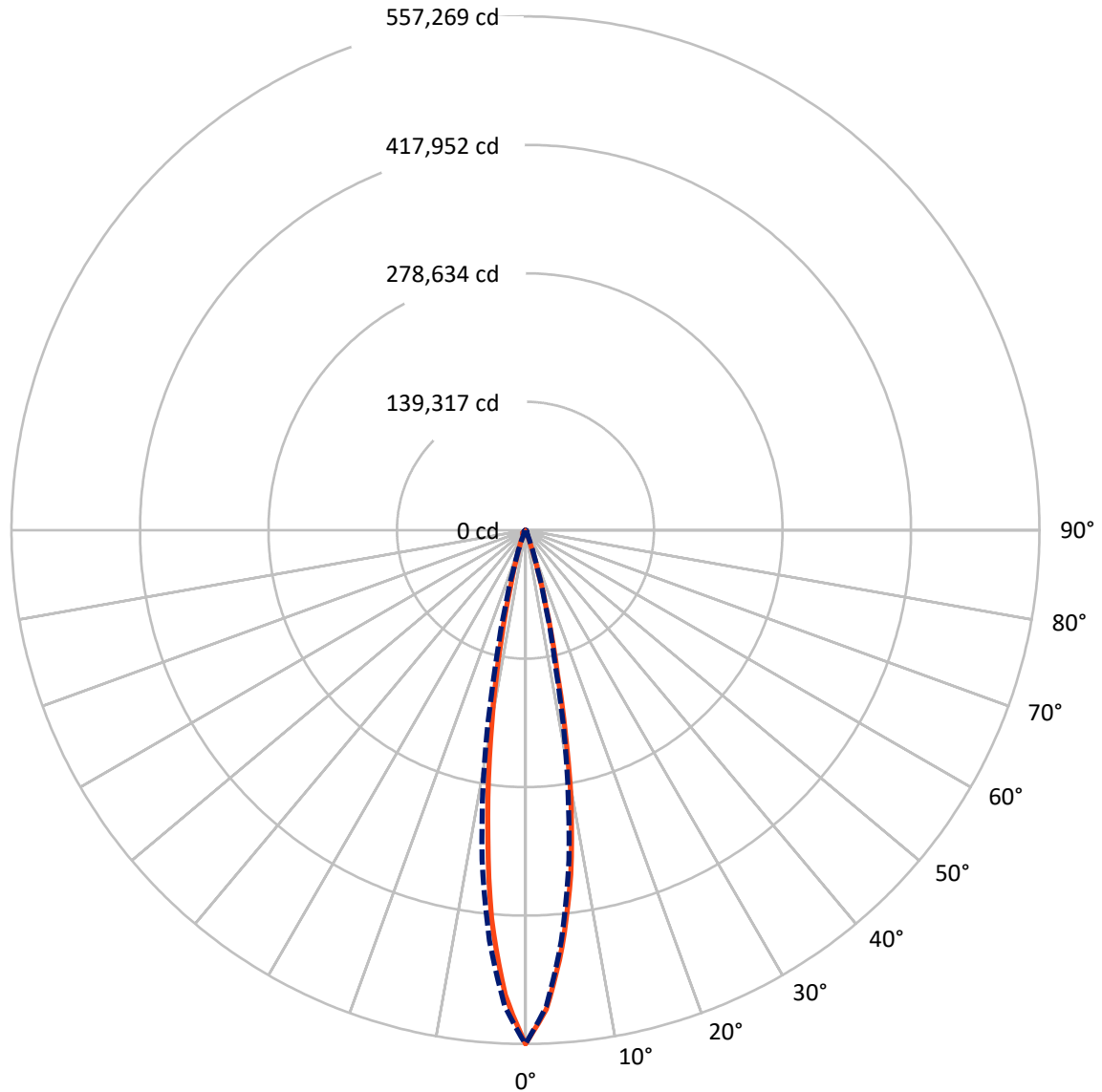
REPORT NUMBER: P1305593 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
70	0.1	0.1	0.1	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.1	0.1	0.1		
60		0.1	0.3	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.1			
50	0.2	0.2	0.4	0.4	0.5	0.7	1.1	0.8	0.8	1.1	0.7	0.5	0.4	0.4	0.2	0.2		
40		0.3	0.8	1.9	3.7	5.3	7.6	9.4	9.4	7.6	5.3	3.7	1.9	0.8	0.3			
30	0.2	0.5	3.7	11.6	27.4	37.2	59.6	106.3	106.3	59.6	37.2	27.4	11.6	3.7	0.5	0.2		
20		1.2	7.8	33.5	67.4	89.3	652.9	2630.9	2630.9	652.9	89.3	67.4	33.5	7.8	1.2			
10	0.3	1.8	10.0	45.2	75.0	164.0	2445.8	10562.5	10562.5	2445.8	164.0	75.0	45.2	10.0	1.8	0.3		
0		2.3	10.6	44.4	74.9	159.3	2339.9	9784.8	9784.8	2339.9	159.3	74.9	44.4	10.6	2.3			
-10	0.5	2.7	10.2	35.5	69.1	87.2	521.1	1953.6	1953.6	521.1	87.2	69.1	35.5	10.2	2.7	0.5		
-20		2.7	9.9	24.6	68.4	85.8	97.1	167.7	167.7	97.1	85.8	68.4	24.6	9.9	2.7			
-30	0.4	2.4	9.0	17.3	48.6	100.6	117.8	121.4	121.4	117.8	100.6	48.6	17.3	9.0	2.4	0.4		
-40		1.7	6.8	15.3	25.7	46.2	83.9	113.9	113.9	83.9	46.2	25.7	15.3	6.8	1.7			
-50	0.3	0.9	4.0	10.3	19.7	28.6	36.0	40.5	40.5	36.0	28.6	19.7	10.3	4.0	0.9	0.3		
-60		0.4	1.3	4.1	8.4	13.8	19.1	22.3	22.3	19.1	13.8	8.4	4.1	1.3	0.4			
-70	0.2	0.9	4.0	10.3	19.7	28.6	36.0	40.5	40.5	36.0	28.6	19.7	10.3	4.0	0.9	0.2		
-80		0.4	1.3	4.1	8.4	13.8	19.1	22.3	22.3	19.1	13.8	8.4	4.1	1.3	0.4			
-90	0.2	1.1	3.0	7.0	9.5	7.0	3.0	1.1	0.2									

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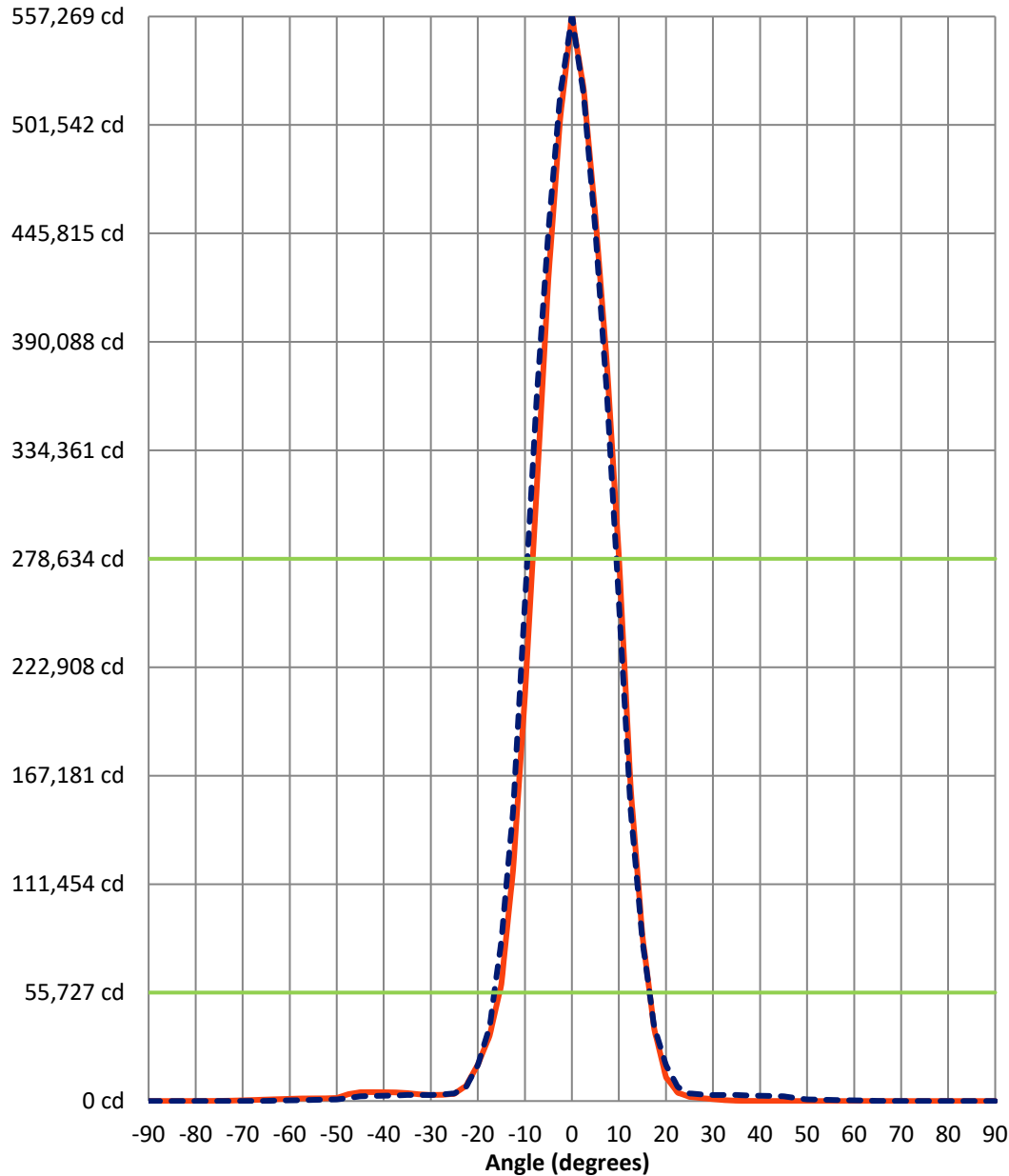
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.9°
V Angle: 18.3°
Lumens: 31318
Efficiency: 46.7%

Field:
H Angle: 33°
V Angle: 31.9°
Lumens: 56882.1
Efficiency: 84.7%

Spill:
Lumens: 10241.8
Efficiency: 15.3%

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



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.0	4.0	4.0	4.7	5.4	6.0	6.7	7.4	8.1	8.7	9.4
87.5°	4.0	4.0	4.0	3.7	3.5	3.2	3.0	3.0	2.9	2.8	2.7
85°	4.0	4.1	4.0	3.8	3.6	3.4	3.4	3.3	3.2	3.0	2.7
82.5°	4.0	4.1	4.0	3.8	3.7	3.7	3.7	3.6	3.4	3.2	3.1
80°	4.0	4.1	4.0	3.9	3.8	3.9	4.0	4.0	3.9	3.8	3.6
77.5°	4.0	4.2	4.0	3.9	3.9	4.1	4.4	4.4	4.4	4.3	4.1
75°	4.0	4.2	4.0	3.9	4.0	4.4	4.8	4.8	4.8	4.4	4.1
72.5°	4.0	4.2	4.0	4.0	4.3	4.7	5.1	5.2	4.8	4.5	4.1
70°	4.0	4.3	4.1	4.0	4.5	5.0	5.4	5.2	4.9	4.5	4.6
67.5°	4.0	4.3	4.1	4.2	4.7	5.3	5.4	5.2	4.9	5.1	5.2
65°	4.0	4.3	4.1	4.4	5.0	5.4	5.5	5.3	5.4	5.6	5.7
62.5°	4.0	4.4	4.1	4.5	5.2	5.5	5.6	5.6	5.8	6.1	5.9
60°	4.0	4.4	4.2	4.7	5.4	5.7	5.6	6.0	6.3	6.4	6.2
57.5°	4.0	4.4	4.3	4.9	5.5	5.8	6.0	6.3	6.7	6.7	6.7
55°	4.0	4.5	4.5	5.0	5.7	5.9	6.3	6.7	7.1	7.2	7.3
52.5°	4.0	4.5	4.6	5.2	5.8	6.1	6.6	7.2	7.6	7.7	7.9
50°	4.0	4.6	4.7	5.3	5.9	6.4	7.0	7.6	8.0	8.3	9.2
47.5°	4.0	4.6	4.8	5.4	6.1	6.6	7.3	8.1	8.5	8.9	10.4
45°	4.0	4.6	5.0	5.5	6.2	6.9	7.7	8.6	9.0	9.9	11.5
42.5°	4.0	4.7	5.1	5.7	6.4	7.2	8.2	9.1	9.5	10.8	13.6
40°	4.0	4.7	5.2	5.8	6.6	7.4	8.6	9.5	10.1	11.6	15.7
37.5°	4.0	4.8	5.3	6.0	6.8	7.7	9.1	9.9	11.0	12.9	17.7
35°	4.0	4.8	5.5	6.2	7.0	8.0	9.6	10.3	11.8	14.8	19.2
32.5°	4.0	4.9	5.6	6.3	7.2	8.4	10.0	10.7	12.7	16.6	20.9
30°	4.0	4.9	5.7	6.5	7.3	8.7	10.3	11.2	13.6	18.4	22.8
27.5°	4.0	5.0	5.8	6.7	7.6	9.1	10.6	11.9	14.7	20.0	25.0
25°	4.0	5.0	5.9	6.8	7.8	9.4	11.0	12.6	16.1	21.8	27.6
22.5°	4.0	5.0	6.0	7.0	8.0	9.8	11.3	13.3	17.4	23.7	31.4
20°	4.0	5.1	6.1	7.1	8.2	10.0	11.6	14.0	18.6	25.7	35.6
17.5°	4.0	5.1	6.2	7.3	8.4	10.2	11.8	14.6	19.7	27.8	40.0
15°	4.0	5.2	6.3	7.4	8.5	10.4	12.0	15.2	20.7	29.9	44.6
12.5°	4.0	5.2	6.4	7.5	8.7	10.5	12.3	15.7	21.7	32.1	49.3
10°	4.0	5.3	6.4	7.7	8.9	10.6	12.5	16.2	22.7	34.0	53.9
7.5°	4.0	5.3	6.5	7.8	9.0	10.7	12.8	16.6	23.5	35.9	58.4
5°	4.0	5.3	6.6	7.9	9.2	10.8	13.0	16.9	24.3	37.6	62.6
2.5°	4.0	5.4	6.6	8.0	9.3	10.8	13.2	17.3	24.9	39.1	66.5
0°	4.0	5.4	6.7	8.1	9.4	10.8	13.4	17.5	25.5	40.3	69.9
-2.5°	4.0	5.4	6.8	8.2	9.6	11.4	14.6	20.8	32.8	53.2	89.9
-5°	4.0	5.5	6.8	8.3	9.9	11.9	15.8	24.1	39.7	65.6	108.9
-7.5°	4.0	5.5	6.9	8.3	10.1	12.5	16.9	27.0	46.2	77.1	126.5
-10°	4.0	5.5	6.9	8.4	10.2	12.9	18.0	29.7	52.0	87.5	142.4
-12.5°	4.0	5.5	6.9	8.4	10.4	13.4	18.9	32.0	57.0	96.6	155.7
-15°	4.0	5.5	7.0	8.5	10.5	13.7	19.6	33.8	61.7	104.7	166.6
-17.5°	4.0	5.5	7.0	8.5	10.6	14.0	20.3	35.9	66.3	111.4	175.0
-20°	4.0	5.5	7.0	8.5	10.7	14.3	20.9	37.9	69.7	116.4	180.7



REPORT NUMBER: P1305593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.0	5.5	7.0	8.5	10.8	14.4	21.6	39.0	71.8	119.7	183.6
-25°	4.0	5.5	7.0	8.6	10.8	14.6	22.0	39.3	72.4	121.0	183.5
-27.5°	4.0	5.5	7.0	8.6	10.7	14.6	21.9	38.5	71.6	120.9	184.4
-30°	4.0	5.5	7.0	8.5	10.7	14.6	21.5	36.7	70.3	119.8	182.9
-32.5°	4.0	5.5	7.0	8.5	10.7	14.5	20.5	35.7	68.2	116.4	178.7
-35°	4.0	5.5	7.0	8.5	10.6	14.3	20.1	34.6	64.5	111.0	171.9
-37.5°	4.0	5.4	7.0	8.5	10.5	14.1	19.8	32.9	59.3	103.2	160.9
-40°	4.0	5.4	7.0	8.4	10.4	14.0	19.4	30.4	52.5	95.2	148.2
-42.5°	4.0	5.4	6.9	8.4	10.3	13.8	18.8	27.2	47.4	84.9	133.1
-45°	4.0	5.3	6.9	8.4	10.3	13.5	18.1	24.6	42.9	72.8	116.3
-47.5°	4.0	5.3	6.8	8.4	10.2	13.1	17.3	23.6	37.5	59.4	100.9
-50°	4.0	5.2	6.8	8.3	10.1	12.7	16.7	22.5	31.0	51.9	83.8
-52.5°	4.0	5.2	6.7	8.2	10.0	12.2	16.1	21.1	27.8	43.6	66.0
-55°	4.0	5.1	6.7	8.1	9.9	12.0	15.3	19.6	25.9	34.5	55.4
-57.5°	4.0	5.0	6.6	8.0	9.7	11.7	14.5	18.6	23.9	30.5	43.9
-60°	4.0	5.0	6.5	7.8	9.6	11.5	13.7	17.5	21.9	27.8	34.6
-62.5°	4.0	4.9	6.4	7.6	9.3	11.2	13.3	16.3	20.5	25.0	31.2
-65°	4.0	4.8	6.2	7.4	9.0	10.9	12.8	15.3	19.2	23.2	27.7
-67.5°	4.0	4.8	6.0	7.2	8.6	10.4	12.4	14.7	17.7	21.5	25.3
-70°	4.0	4.7	5.8	7.0	8.2	9.9	11.8	14.0	16.7	19.9	23.5
-72.5°	4.0	4.6	5.6	6.8	7.8	9.2	11.0	13.3	15.7	18.5	21.6
-75°	4.0	4.5	5.4	6.5	7.4	8.6	10.1	12.3	14.6	17.0	19.7
-77.5°	4.0	4.4	5.2	6.2	7.1	8.0	9.2	11.2	13.3	15.5	17.7
-80°	4.0	4.4	4.9	5.9	6.7	7.5	8.2	10.1	12.1	14.0	16.0
-82.5°	4.0	4.3	4.7	5.6	6.4	7.1	7.8	9.1	10.8	12.6	14.4
-85°	4.0	4.2	4.5	5.3	6.1	6.8	7.4	8.6	9.9	11.3	12.7
-87.5°	4.0	4.1	4.2	5.0	5.7	6.4	7.1	8.0	9.0	10.0	11.1
-90°	4.0	4.0	4.0	3.7	3.4	3.0	2.7	2.7	2.7	2.7	2.7



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 CATALOG NUMBER: EPH-08-640L-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.4	9.4	9.4	9.4	9.8	10.1	10.5	10.8	11.1	11.5	11.8
87.5°	2.5	2.4	2.2	2.1	1.9	1.8	1.5	1.3	1.3	1.3	1.3
85°	2.7	2.7	2.7	2.7	2.4	2.2	2.0	1.9	1.8	1.7	1.5
82.5°	3.1	3.0	2.9	2.7	2.6	2.7	2.7	2.7	2.5	2.2	2.1
80°	3.6	3.4	3.2	3.1	3.1	3.1	3.0	2.7	2.7	2.8	2.9
77.5°	3.8	3.7	3.7	3.8	3.8	3.5	3.4	3.4	3.6	3.8	3.9
75°	3.9	4.0	4.1	4.1	3.9	3.9	4.0	4.3	4.5	4.5	4.4
72.5°	4.2	4.4	4.4	4.2	4.3	4.6	5.0	5.3	5.9	6.7	7.3
70°	4.8	4.9	4.8	4.8	5.1	5.7	6.9	8.3	9.8	11.5	14.0
67.5°	5.3	5.1	5.2	5.6	6.5	7.8	9.5	14.9	21.1	23.7	24.5
65°	5.4	5.4	5.9	6.8	8.0	12.2	18.2	25.5	32.3	33.1	31.9
62.5°	5.5	5.9	6.8	8.8	12.8	18.5	24.9	31.8	39.6	39.9	35.0
60°	6.0	6.6	8.7	12.5	17.2	22.3	29.3	34.9	41.3	44.4	33.8
57.5°	6.7	7.9	11.3	15.8	20.5	24.4	28.2	33.9	37.3	37.9	27.9
55°	7.8	9.6	13.9	19.1	22.5	21.7	24.7	27.9	29.2	27.2	19.4
52.5°	9.4	11.6	17.0	21.4	22.2	20.3	20.3	21.8	20.3	17.4	15.2
50°	10.9	14.9	19.8	22.7	22.0	19.3	16.4	16.0	15.4	14.5	13.1
47.5°	13.3	18.0	22.2	24.0	21.2	18.4	14.8	14.3	14.3	13.8	12.6
45°	16.0	20.5	24.9	23.2	20.7	17.9	16.5	14.8	14.8	14.9	15.7
42.5°	18.5	22.5	24.7	22.6	20.9	20.1	19.8	17.7	17.6	21.2	22.5
40°	20.2	24.3	24.7	24.3	22.5	24.3	24.9	25.1	26.2	30.1	32.0
37.5°	21.6	24.9	26.5	29.0	27.2	30.2	31.6	46.2	48.1	40.6	55.7
35°	22.8	26.1	32.9	40.2	42.6	37.8	57.1	77.3	84.3	79.7	96.8
32.5°	24.0	28.0	41.6	59.1	75.1	71.0	89.8	124.7	147.0	158.3	171.9
30°	26.5	36.1	55.3	83.2	124.5	149.3	150.7	187.8	228.7	301.5	367.2
27.5°	30.6	46.8	78.4	128.9	192.5	244.3	253.9	277.8	371.7	509.4	682.7
25°	35.5	72.7	104.9	191.0	284.8	343.0	359.9	400.6	563.4	879.3	1050.5
22.5°	48.6	107.3	149.9	263.4	388.2	438.5	473.8	621.7	915.6	1333.0	1461.6
20°	73.5	147.4	205.7	325.5	492.7	532.8	586.0	903.0	1374.2	1721.8	1896.5
17.5°	102.9	187.8	261.5	386.9	534.0	608.2	720.8	1225.1	1847.8	2097.5	2279.3
15°	135.7	228.2	309.9	440.9	570.5	658.4	931.9	1599.7	2248.5	2455.1	2633.1
12.5°	170.8	268.3	351.6	487.9	606.6	705.0	1124.1	1863.0	2441.2	2733.4	2962.6
10°	207.0	307.7	387.3	528.1	641.6	747.9	1304.1	2088.7	2538.6	2780.5	3033.4
7.5°	229.4	332.8	414.7	561.8	675.0	786.9	1467.2	2276.4	2605.6	2795.2	2982.6
5°	246.2	341.5	421.7	577.0	700.1	815.6	1590.0	2425.8	2648.2	2784.0	2893.9
2.5°	259.0	347.4	426.4	585.3	718.8	830.1	1601.7	2449.3	2635.2	2762.7	2838.5
0°	267.5	350.8	428.8	588.7	733.9	840.1	1578.0	2436.8	2606.2	2737.9	2826.6
-2.5°	276.9	361.0	448.1	599.1	735.2	840.4	1555.5	2412.7	2634.9	2811.8	2959.1
-5°	282.6	369.2	464.6	605.5	732.8	837.0	1504.8	2350.8	2631.3	2817.6	2998.2
-7.5°	285.2	375.5	477.4	607.3	722.3	821.0	1418.8	2203.1	2520.6	2694.9	2918.4
-10°	286.2	383.6	483.4	597.8	701.9	795.9	1304.2	2032.4	2406.3	2565.7	2800.6
-12.5°	288.9	393.3	487.1	588.4	681.1	768.1	1164.0	1845.3	2291.1	2431.3	2670.5
-15°	288.9	401.0	489.8	580.3	660.9	737.9	999.5	1647.6	2228.1	2455.9	2652.5
-17.5°	286.5	406.9	491.9	574.5	642.4	705.6	817.6	1471.1	2188.4	2508.9	2702.9
-20°	281.9	411.1	493.6	572.2	626.8	690.6	779.6	1274.3	1986.5	2533.0	2769.8



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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°	275.3	413.5	495.2	570.4	631.8	692.2	767.1	1051.2	1706.0	2529.9	2771.8
-25°	272.2	401.8	494.9	570.1	639.4	695.2	752.3	839.0	1404.6	2169.9	2698.4
-27.5°	271.0	388.5	486.4	564.5	646.3	700.1	749.6	819.9	1116.2	1738.8	2547.8
-30°	265.7	366.6	474.1	553.3	639.5	705.8	754.5	799.1	880.7	1367.3	2040.7
-32.5°	253.5	343.6	450.7	536.9	623.1	711.2	756.2	794.7	854.8	998.8	1545.7
-35°	239.2	325.4	422.9	516.0	600.3	692.9	753.4	793.7	833.2	902.9	1150.8
-37.5°	226.3	304.5	394.7	488.5	573.2	660.1	747.0	789.6	829.4	879.2	973.5
-40°	210.9	280.9	367.9	457.1	541.8	625.6	709.7	783.7	823.7	888.4	950.7
-42.5°	193.1	261.0	339.2	424.8	505.9	588.1	670.5	749.7	832.7	897.7	959.9
-45°	173.6	238.4	308.8	386.6	466.2	546.4	626.4	708.8	808.8	907.8	970.3
-47.5°	151.4	213.2	280.0	344.4	421.1	499.6	578.1	664.4	763.6	866.9	978.3
-50°	127.9	185.0	246.1	305.2	370.4	446.8	523.8	610.7	703.9	804.0	909.0
-52.5°	106.5	153.8	208.9	266.1	322.9	386.6	463.7	546.2	633.5	727.5	819.2
-55°	83.1	125.0	168.7	222.5	278.2	332.2	394.9	472.2	552.7	637.9	720.6
-57.5°	65.5	95.1	132.0	174.7	227.1	281.8	335.8	394.1	465.4	540.5	609.6
-60°	51.1	70.5	97.4	132.4	171.1	221.4	274.8	327.6	382.8	437.7	497.2
-62.5°	38.0	52.8	70.0	92.7	125.3	159.5	204.0	253.3	304.5	350.2	393.3
-65°	33.7	38.1	49.9	65.6	81.6	109.9	141.3	174.3	217.1	257.3	296.4
-67.5°	29.1	33.3	37.2	43.1	57.1	71.3	85.2	112.5	141.1	166.8	194.2
-70°	26.4	28.8	32.1	35.5	38.7	44.7	56.9	68.9	80.4	94.3	115.9
-72.5°	23.9	25.8	27.9	30.3	33.2	35.9	38.8	41.7	48.9	58.3	66.9
-75°	21.5	22.7	24.2	26.1	28.1	30.1	32.1	34.5	36.9	39.6	42.4
-77.5°	19.1	20.1	21.1	22.0	23.3	25.0	26.7	28.3	29.9	31.4	32.8
-80°	16.8	17.5	18.2	19.0	19.9	20.8	21.9	23.0	24.1	25.3	26.5
-82.5°	15.0	15.4	15.9	16.3	16.8	17.2	17.6	18.3	19.0	19.7	20.4
-85°	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.1	15.3	15.6	15.8
-87.5°	11.2	11.4	11.5	11.7	12.0	12.2	12.4	12.6	12.8	12.9	13.1
-90°	2.4	2.0	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.1	12.4	12.8	13.1	13.4	13.8	14.1	14.5	14.8	14.8	14.8
87.5°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.0	0.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	2.0	1.9	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	3.1	2.9	2.7	2.4	2.2	2.1	1.9	1.6	1.3	1.3	1.3
77.5°	4.0	3.8	3.4	3.1	2.8	2.6	2.5	2.5	2.5	2.5	2.6
75°	4.1	4.0	4.2	4.2	4.0	3.9	3.7	3.3	2.8	2.7	2.7
72.5°	8.0	8.3	8.2	8.0	7.3	6.8	6.6	6.3	5.9	5.8	5.7
70°	15.2	15.4	14.8	13.4	11.4	10.0	9.5	8.8	8.0	8.0	8.3
67.5°	23.2	21.2	19.4	17.2	14.4	12.5	11.9	11.2	10.4	10.1	10.0
65°	28.6	22.5	19.2	17.0	15.7	14.1	12.6	11.1	9.7	8.7	8.4
62.5°	28.3	19.8	15.9	14.2	12.8	11.8	10.4	9.0	7.9	7.1	7.0
60°	24.6	16.4	12.2	11.0	10.1	9.4	8.6	7.8	7.1	6.7	6.7
57.5°	19.2	12.8	9.4	9.2	8.9	8.4	7.9	7.5	7.1	6.7	7.0
55°	14.0	11.2	9.5	9.3	9.0	8.5	8.0	7.9	7.8	7.6	8.1
52.5°	12.1	11.0	10.6	10.3	9.8	9.5	9.3	9.3	9.5	9.7	9.9
50°	11.9	11.5	11.2	10.7	10.6	10.7	10.7	11.1	11.5	11.6	11.6
47.5°	12.4	12.2	12.7	11.9	12.2	13.1	13.2	13.5	14.5	14.7	14.7
45°	14.6	16.5	17.1	17.0	16.6	21.6	22.6	20.7	28.4	27.3	21.3
42.5°	22.5	24.9	26.5	31.3	38.5	43.2	55.8	76.6	68.5	51.6	33.3
40°	38.6	38.0	45.2	54.2	59.5	69.3	84.7	104.6	96.5	81.9	87.5
37.5°	68.1	68.9	71.3	83.0	87.3	76.6	99.2	97.5	82.7	105.8	108.5
35°	124.9	138.1	117.3	142.9	148.9	139.7	148.0	163.7	141.6	171.3	180.8
32.5°	224.7	247.6	248.5	254.5	275.6	296.0	301.8	344.2	357.9	393.7	432.2
30°	358.9	401.2	437.1	446.8	475.2	525.6	567.2	649.0	736.5	802.2	888.6
27.5°	646.9	608.6	688.7	786.3	755.2	828.5	978.6	1096.7	1271.0	1396.6	1464.4
25°	1046.3	984.1	1130.1	1278.8	1279.2	1291.6	1508.7	1698.0	1840.7	1954.1	2053.5
22.5°	1517.7	1595.2	1726.1	1898.8	1808.8	1890.9	2106.4	2260.2	2460.2	2656.2	3243.4
20°	2046.0	2202.8	2310.6	2284.8	2280.9	2420.4	2610.0	2906.7	3511.6	5644.1	7680.5
17.5°	2511.5	2702.0	2692.6	2584.1	2635.6	2869.8	3213.9	4365.8	7421.8	14347.7	20829.4
15°	2872.5	2957.3	2901.5	2836.6	2951.6	3302.3	4163.1	7888.1	17161.7	28252.8	40912.4
12.5°	3113.6	3080.3	2933.7	2944.3	3217.5	3710.2	6635.9	15354.1	28763.3	44514.2	76342.8
10°	3206.8	3115.6	2987.3	3106.0	3478.6	4664.7	8925.3	21318.6	41591.6	74338.3	117239.1
7.5°	3143.3	3065.6	3029.4	3239.1	3735.0	6177.7	13874.0	30153.4	59617.9	101847.2	162219.5
5°	3102.3	3050.3	3058.1	3326.5	3897.2	7290.3	17371.4	35711.4	73950.4	128449.8	205256.5
2.5°	3099.9	3068.9	3082.7	3387.2	3988.5	7859.8	19341.6	36636.9	78984.9	142920.1	240470.7
0°	3133.1	3112.9	3100.8	3399.2	3944.9	7302.5	18556.6	38123.9	82438.8	149448.7	255769.3
-2.5°	3287.9	3122.9	3115.9	3398.5	3993.1	7716.9	19016.1	37610.4	81192.2	143414.8	239357.9
-5°	3250.8	3064.3	3034.5	3271.7	3826.8	6949.2	16648.0	34734.3	71318.9	121946.3	197287.1
-7.5°	3103.9	2979.3	2926.3	3115.1	3597.9	5832.7	12910.7	27423.1	53704.4	91918.6	142166.0
-10°	2984.5	2902.2	2824.0	2954.7	3321.6	4457.5	8230.5	18397.3	36530.2	62506.5	91282.3
-12.5°	2921.7	2882.8	2741.8	2778.2	3034.7	3538.4	5758.9	12435.3	22877.1	33941.8	55446.3
-15°	2877.3	2847.7	2715.6	2706.9	2850.1	3147.9	3793.8	6450.2	12793.1	20758.6	29294.4
-17.5°	2837.1	2826.3	2756.3	2680.3	2698.2	2870.8	3226.4	4169.7	6542.4	11605.6	17122.8
-20°	2856.4	2862.7	2809.2	2729.9	2701.6	2723.9	2908.6	3233.7	3834.7	5881.6	8381.1



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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°	2850.3	2868.6	2854.3	2859.9	2825.9	2773.9	2737.3	2879.2	3106.6	3470.6	4395.1
-25°	2849.7	2874.9	2981.6	3118.3	3104.0	2980.0	2850.2	2737.8	2867.9	3025.1	3254.6
-27.5°	2807.6	2970.7	3236.4	3438.0	3495.8	3359.9	3178.3	2989.3	2968.5	2963.6	3051.8
-30°	2793.7	3144.3	3457.8	3745.0	3785.5	3717.0	3632.9	3498.2	3353.7	3273.7	3231.0
-32.5°	2372.0	3220.8	3604.2	3862.5	3926.5	3923.5	3942.4	3878.5	3833.4	3781.7	3708.6
-35°	1800.9	2691.6	3630.0	3749.2	3853.3	3946.1	4070.3	4102.1	4127.1	4155.7	4181.2
-37.5°	1257.6	1951.9	2731.6	3411.9	3628.1	3789.5	4009.5	4171.0	4305.3	4371.9	4451.8
-40°	1041.8	1233.7	1837.8	2412.7	2979.3	3501.7	3738.7	4013.7	4271.0	4413.9	4544.7
-42.5°	1020.4	1088.7	1161.3	1562.3	2041.8	2535.0	3019.4	3458.7	3926.7	4238.7	4468.3
-45°	1027.3	1061.8	1104.2	1174.6	1249.7	1626.0	2032.0	2446.4	2957.8	3457.5	3893.6
-47.5°	1026.4	1057.9	1091.4	1125.5	1170.3	1240.5	1312.6	1429.9	1792.6	2176.0	2547.1
-50°	990.8	1054.8	1086.1	1118.0	1150.6	1185.3	1221.6	1273.1	1334.5	1392.0	1438.5
-52.5°	901.1	976.5	1049.0	1109.7	1139.6	1170.0	1202.4	1245.2	1285.5	1323.3	1342.9
-55°	799.6	874.7	948.1	1013.3	1074.8	1134.1	1189.1	1228.4	1268.6	1309.5	1326.2
-57.5°	683.0	758.7	831.5	892.4	953.8	1015.2	1072.2	1126.9	1181.5	1233.2	1262.0
-60°	558.8	622.1	687.3	749.6	809.4	866.1	919.2	971.0	1020.6	1064.0	1091.4
-62.5°	436.9	486.7	541.8	595.9	648.2	698.9	747.9	794.5	838.6	875.7	901.4
-65°	334.4	371.6	409.5	448.5	488.4	531.9	573.0	612.0	648.4	678.5	701.0
-67.5°	227.1	259.3	290.0	318.9	348.1	378.8	410.1	439.4	466.8	489.0	506.4
-70°	136.5	156.6	176.1	196.9	220.3	242.8	264.8	285.6	305.1	320.3	331.7
-72.5°	74.4	81.7	91.3	107.3	122.1	135.7	148.3	159.6	169.8	178.2	185.1
-75°	45.3	48.9	54.8	60.5	66.0	71.3	76.2	80.8	84.9	88.4	91.3
-77.5°	34.6	36.6	38.5	40.3	41.9	43.7	45.5	47.1	48.7	50.0	51.3
-80°	27.6	28.8	29.8	30.9	31.8	32.9	34.1	35.2	36.3	37.0	37.7
-82.5°	21.1	22.2	23.2	24.1	25.0	25.6	26.2	26.8	27.4	28.0	28.5
-85°	16.0	16.8	17.6	18.4	19.2	19.4	19.6	19.8	19.9	20.3	20.7
-87.5°	13.2	13.5	13.9	14.3	14.7	15.0	15.4	15.7	16.1	16.4	16.8
-90°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.5
87.5°	0.3	0.0	0.6	1.3	0.6	0.0	0.3	0.6	1.0	1.3	1.2
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
77.5°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5
75°	2.7	2.7	3.3	4.0	3.3	2.7	2.7	2.7	2.7	2.8	3.3
72.5°	5.6	5.4	5.4	5.4	5.4	5.4	5.6	5.7	5.8	5.9	6.3
70°	8.8	9.2	9.4	9.4	9.4	9.2	8.8	8.3	8.0	8.0	8.8
67.5°	9.8	9.5	8.2	6.7	8.2	9.5	9.8	10.0	10.1	10.4	11.2
65°	8.3	8.2	7.5	6.7	7.5	8.2	8.3	8.4	8.7	9.7	11.1
62.5°	6.8	6.8	6.7	6.7	6.7	6.8	6.8	7.0	7.1	7.9	9.0
60°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.1	7.8
57.5°	7.5	7.9	8.1	8.1	8.1	7.9	7.5	7.0	6.7	7.1	7.5
55°	8.7	9.2	9.4	9.4	9.4	9.2	8.7	8.1	7.6	7.8	7.9
52.5°	9.8	9.6	9.9	10.8	9.9	9.6	9.8	9.9	9.7	9.5	9.3
50°	11.8	11.9	12.1	12.1	12.1	11.9	11.8	11.6	11.6	11.5	11.1
47.5°	14.9	14.8	14.7	14.8	14.7	14.8	14.9	14.7	14.7	14.5	13.5
45°	22.0	22.4	23.0	24.2	23.0	22.4	22.0	21.3	27.3	28.4	20.7
42.5°	34.9	35.6	36.0	36.3	36.0	35.6	34.9	33.3	51.6	68.5	76.6
40°	83.0	66.0	49.4	49.7	49.4	66.0	83.0	87.5	81.9	96.5	104.6
37.5°	95.4	86.7	83.2	82.0	83.2	86.7	95.4	108.5	105.8	82.7	97.5
35°	180.6	183.7	179.6	181.5	179.6	183.7	180.6	180.8	171.3	141.6	163.7
32.5°	444.5	462.6	456.1	458.3	456.1	462.6	444.5	432.2	393.7	357.9	344.2
30°	923.4	978.9	991.5	987.9	991.5	978.9	923.4	888.6	802.2	736.5	649.0
27.5°	1491.7	1535.7	1544.7	1536.3	1544.7	1535.7	1491.7	1464.4	1396.6	1271.0	1096.7
25°	2108.3	2150.2	2174.0	2162.7	2174.0	2150.2	2108.3	2053.5	1954.1	1840.7	1698.0
22.5°	3923.5	4114.0	4206.8	4333.4	4206.8	4114.0	3923.5	3243.4	2656.2	2460.2	2260.2
20°	11571.1	12886.5	12637.2	12365.7	12637.2	12886.5	11571.1	7680.5	5644.1	3511.6	2906.7
17.5°	28883.1	35350.4	38430.0	37176.3	38430.0	35350.4	28883.1	20829.4	14347.7	7421.8	4365.8
15°	59074.2	77144.2	87709.5	84889.1	87709.5	77144.2	59074.2	40912.4	28252.8	17161.7	7888.1
12.5°	107013.4	135731.9	157732.9	160882.2	157732.9	135731.9	107013.4	76342.8	44514.2	28763.3	15354.1
10°	168295.4	221364.5	265099.0	279378.4	265099.0	221364.5	168295.4	117239.1	74338.3	41591.6	21318.6
7.5°	241340.6	312184.2	362622.4	376641.9	362622.4	312184.2	241340.6	162219.5	101847.2	59617.9	30153.4
5°	299923.9	381455.4	437309.7	454465.7	437309.7	381455.4	299923.9	205256.5	128449.8	73950.4	35711.4
2.5°	343804.4	429323.4	491607.0	520066.3	491607.0	429323.4	343804.4	240470.7	142920.1	78984.9	36636.9
0°	360803.0	446981.8	516823.6	557268.8	516823.6	446981.8	360803.0	255769.3	149448.7	82438.8	38123.9
-2.5°	344174.5	424296.6	478079.4	504601.1	478079.4	424296.6	344174.5	239357.9	143414.8	81192.2	37610.4
-5°	286536.4	357433.8	403814.3	422538.0	403814.3	357433.8	286536.4	197287.1	121946.3	71318.9	34734.3
-7.5°	205310.3	263508.6	298080.0	313856.4	298080.0	263508.6	205310.3	142166.0	91918.6	53704.4	27423.1
-10°	133388.1	165601.6	200459.0	207919.5	200459.0	165601.6	133388.1	91282.3	62506.5	36530.2	18397.3
-12.5°	75147.6	95474.8	112799.0	119051.2	112799.0	95474.8	75147.6	55446.3	33941.8	22877.1	12435.3
-15°	40657.3	52238.9	58479.2	60013.9	58479.2	52238.9	40657.3	29294.4	20758.6	12793.1	6450.2
-17.5°	23342.7	28906.2	32089.7	33551.3	32089.7	28906.2	23342.7	17122.8	11605.6	6542.4	4169.7
-20°	12473.7	15613.0	17405.4	18724.6	17405.4	15613.0	12473.7	8381.1	5881.6	3834.7	3233.7



REPORT NUMBER: P1305593 (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°	5729.4	6697.0	7243.7	7861.6	7243.7	6697.0	5729.4	4395.1	3470.6	3106.6	2879.2
-25°	3453.8	3584.0	3662.5	3725.8	3662.5	3584.0	3453.8	3254.6	3025.1	2867.9	2737.8
-27.5°	3127.6	3170.1	3194.7	3220.5	3194.7	3170.1	3127.6	3051.8	2963.6	2968.5	2989.3
-30°	3194.3	3151.1	3136.0	3119.6	3136.0	3151.1	3194.3	3231.0	3273.7	3353.7	3498.2
-32.5°	3635.1	3551.2	3506.1	3463.7	3506.1	3551.2	3635.1	3708.6	3781.7	3833.4	3878.5
-35°	4171.4	4133.6	4113.8	4088.7	4113.8	4133.6	4171.4	4181.2	4155.7	4127.1	4102.1
-37.5°	4465.3	4458.7	4457.5	4444.9	4457.5	4458.7	4465.3	4451.8	4371.9	4305.3	4171.0
-40°	4559.8	4557.2	4550.7	4544.4	4550.7	4557.2	4559.8	4544.7	4413.9	4271.0	4013.7
-42.5°	4529.4	4569.9	4589.4	4590.1	4589.4	4569.9	4529.4	4468.3	4238.7	3926.7	3458.7
-45°	4171.6	4378.3	4498.5	4530.9	4498.5	4378.3	4171.6	3893.6	3457.5	2957.8	2446.4
-47.5°	2877.4	3169.0	3393.7	3535.0	3393.7	3169.0	2877.4	2547.1	2176.0	1792.6	1429.9
-50°	1479.1	1517.0	1555.4	1592.8	1555.4	1517.0	1479.1	1438.5	1392.0	1334.5	1273.1
-52.5°	1358.6	1374.4	1384.3	1389.8	1384.3	1374.4	1358.6	1342.9	1323.3	1285.5	1245.2
-55°	1341.4	1356.1	1363.3	1365.6	1363.3	1356.1	1341.4	1326.2	1309.5	1268.6	1228.4
-57.5°	1286.9	1307.4	1319.7	1325.3	1319.7	1307.4	1286.9	1262.0	1233.2	1181.5	1126.9
-60°	1114.2	1132.4	1144.8	1151.9	1144.8	1132.4	1114.2	1091.4	1064.0	1020.6	971.0
-62.5°	922.8	939.7	949.2	953.0	949.2	939.7	922.8	901.4	875.7	838.6	794.5
-65°	719.6	734.2	749.1	760.8	749.1	734.2	719.6	701.0	678.5	648.4	612.0
-67.5°	521.2	533.0	546.0	556.5	546.0	533.0	521.2	506.4	489.0	466.8	439.4
-70°	340.7	347.2	357.8	366.9	357.8	347.2	340.7	331.7	320.3	305.1	285.6
-72.5°	190.6	194.8	202.6	209.7	202.6	194.8	190.6	185.1	178.2	169.8	159.6
-75°	93.8	95.7	96.5	96.8	96.5	95.7	93.8	91.3	88.4	84.9	80.8
-77.5°	52.4	53.5	53.7	53.8	53.7	53.5	52.4	51.3	50.0	48.7	47.1
-80°	38.3	38.8	39.6	40.3	39.6	38.8	38.3	37.7	37.0	36.3	35.2
-82.5°	29.0	29.5	29.6	29.6	29.6	29.5	29.0	28.5	28.0	27.4	26.8
-85°	21.1	21.5	21.5	21.5	21.5	21.5	21.1	20.7	20.3	19.9	19.8
-87.5°	17.1	17.5	17.5	17.5	17.5	17.5	17.1	16.8	16.4	16.1	15.7
-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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.1	13.8	13.4	13.1	12.8	12.4	12.1	11.8	11.5	11.1	10.8
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.8	1.9
82.5°	1.3	1.3	1.3	1.5	1.7	1.9	2.0	2.1	2.2	2.5	2.7
80°	1.9	2.1	2.2	2.4	2.7	2.9	3.1	2.9	2.8	2.7	2.7
77.5°	2.5	2.6	2.8	3.1	3.4	3.8	4.0	3.9	3.8	3.6	3.4
75°	3.7	3.9	4.0	4.2	4.2	4.0	4.1	4.4	4.5	4.5	4.3
72.5°	6.6	6.8	7.3	8.0	8.2	8.3	8.0	7.3	6.7	5.9	5.3
70°	9.5	10.0	11.4	13.4	14.8	15.4	15.2	14.0	11.5	9.8	8.3
67.5°	11.9	12.5	14.4	17.2	19.4	21.2	23.2	24.5	23.7	21.1	14.9
65°	12.6	14.1	15.7	17.0	19.2	22.5	28.6	31.9	33.1	32.3	25.5
62.5°	10.4	11.8	12.8	14.2	15.9	19.8	28.3	35.0	39.9	39.6	31.8
60°	8.6	9.4	10.1	11.0	12.2	16.4	24.6	33.8	44.4	41.3	34.9
57.5°	7.9	8.4	8.9	9.2	9.4	12.8	19.2	27.9	37.9	37.3	33.9
55°	8.0	8.5	9.0	9.3	9.5	11.2	14.0	19.4	27.2	29.2	27.9
52.5°	9.3	9.5	9.8	10.3	10.6	11.0	12.1	15.2	17.4	20.3	21.8
50°	10.7	10.7	10.6	10.7	11.2	11.5	11.9	13.1	14.5	15.4	16.0
47.5°	13.2	13.1	12.2	11.9	12.7	12.2	12.4	12.6	13.8	14.3	14.3
45°	22.6	21.6	16.6	17.0	17.1	16.5	14.6	15.7	14.9	14.8	14.8
42.5°	55.8	43.2	38.5	31.3	26.5	24.9	22.5	22.5	21.2	17.6	17.7
40°	84.7	69.3	59.5	54.2	45.2	38.0	38.6	32.0	30.1	26.2	25.1
37.5°	99.2	76.6	87.3	83.0	71.3	68.9	68.1	55.7	40.6	48.1	46.2
35°	148.0	139.7	148.9	142.9	117.3	138.1	124.9	96.8	79.7	84.3	77.3
32.5°	301.8	296.0	275.6	254.5	248.5	247.6	224.7	171.9	158.3	147.0	124.7
30°	567.2	525.6	475.2	446.8	437.1	401.2	358.9	367.2	301.5	228.7	187.8
27.5°	978.6	828.5	755.2	786.3	688.7	608.6	646.9	682.7	509.4	371.7	277.8
25°	1508.7	1291.6	1279.2	1278.8	1130.1	984.1	1046.3	1050.5	879.3	563.4	400.6
22.5°	2106.4	1890.9	1808.8	1898.8	1726.1	1595.2	1517.7	1461.6	1333.0	915.6	621.7
20°	2610.0	2420.4	2280.9	2284.8	2310.6	2202.8	2046.0	1896.5	1721.8	1374.2	903.0
17.5°	3213.9	2869.8	2635.6	2584.1	2692.6	2702.0	2511.5	2279.3	2097.5	1847.8	1225.1
15°	4163.1	3302.3	2951.6	2836.6	2901.5	2957.3	2872.5	2633.1	2455.1	2248.5	1599.7
12.5°	6635.9	3710.2	3217.5	2944.3	2933.7	3080.3	3113.6	2962.6	2733.4	2441.2	1863.0
10°	8925.3	4664.7	3478.6	3106.0	2987.3	3115.6	3206.8	3033.4	2780.5	2538.6	2088.7
7.5°	13874.0	6177.7	3735.0	3239.1	3029.4	3065.6	3143.3	2982.6	2795.2	2605.6	2276.4
5°	17371.4	7290.3	3897.2	3326.5	3058.1	3050.3	3102.3	2893.9	2784.0	2648.2	2425.8
2.5°	19341.6	7859.8	3988.5	3387.2	3082.7	3068.9	3099.9	2838.5	2762.7	2635.2	2449.3
0°	18556.6	7302.5	3944.9	3399.2	3100.8	3112.9	3133.1	2826.6	2737.9	2606.2	2436.8
-2.5°	19016.1	7716.9	3993.1	3398.5	3115.9	3122.9	3287.9	2959.1	2811.8	2634.9	2412.7
-5°	16648.0	6949.2	3826.8	3271.7	3034.5	3064.3	3250.8	2998.2	2817.6	2631.3	2350.8
-7.5°	12910.7	5832.7	3597.9	3115.1	2926.3	2979.3	3103.9	2918.4	2694.9	2520.6	2203.1
-10°	8230.5	4457.5	3321.6	2954.7	2824.0	2902.2	2984.5	2800.6	2565.7	2406.3	2032.4
-12.5°	5758.9	3538.4	3034.7	2778.2	2741.8	2882.8	2921.7	2670.5	2431.3	2291.1	1845.3
-15°	3793.8	3147.9	2850.1	2706.9	2715.6	2847.7	2877.3	2652.5	2455.9	2228.1	1647.6
-17.5°	3226.4	2870.8	2698.2	2680.3	2756.3	2826.3	2837.1	2702.9	2508.9	2188.4	1471.1
-20°	2908.6	2723.9	2701.6	2729.9	2809.2	2862.7	2856.4	2769.8	2533.0	1986.5	1274.3



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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°	2737.3	2773.9	2825.9	2859.9	2854.3	2868.6	2850.3	2771.8	2529.9	1706.0	1051.2
-25°	2850.2	2980.0	3104.0	3118.3	2981.6	2874.9	2849.7	2698.4	2169.9	1404.6	839.0
-27.5°	3178.3	3359.9	3495.8	3438.0	3236.4	2970.7	2807.6	2547.8	1738.8	1116.2	819.9
-30°	3632.9	3717.0	3785.5	3745.0	3457.8	3144.3	2793.7	2040.7	1367.3	880.7	799.1
-32.5°	3942.4	3923.5	3926.5	3862.5	3604.2	3220.8	2372.0	1545.7	998.8	854.8	794.7
-35°	4070.3	3946.1	3853.3	3749.2	3630.0	2691.6	1800.9	1150.8	902.9	833.2	793.7
-37.5°	4009.5	3789.5	3628.1	3411.9	2731.6	1951.9	1257.6	973.5	879.2	829.4	789.6
-40°	3738.7	3501.7	2979.3	2412.7	1837.8	1233.7	1041.8	950.7	888.4	823.7	783.7
-42.5°	3019.4	2535.0	2041.8	1562.3	1161.3	1088.7	1020.4	959.9	897.7	832.7	749.7
-45°	2032.0	1626.0	1249.7	1174.6	1104.2	1061.8	1027.3	970.3	907.8	808.8	708.8
-47.5°	1312.6	1240.5	1170.3	1125.5	1091.4	1057.9	1026.4	978.3	866.9	763.6	664.4
-50°	1221.6	1185.3	1150.6	1118.0	1086.1	1054.8	990.8	909.0	804.0	703.9	610.7
-52.5°	1202.4	1170.0	1139.6	1109.7	1049.0	976.5	901.1	819.2	727.5	633.5	546.2
-55°	1189.1	1134.1	1074.8	1013.3	948.1	874.7	799.6	720.6	637.9	552.7	472.2
-57.5°	1072.2	1015.2	953.8	892.4	831.5	758.7	683.0	609.6	540.5	465.4	394.1
-60°	919.2	866.1	809.4	749.6	687.3	622.1	558.8	497.2	437.7	382.8	327.6
-62.5°	747.9	698.9	648.2	595.9	541.8	486.7	436.9	393.3	350.2	304.5	253.3
-65°	573.0	531.9	488.4	448.5	409.5	371.6	334.4	296.4	257.3	217.1	174.3
-67.5°	410.1	378.8	348.1	318.9	290.0	259.3	227.1	194.2	166.8	141.1	112.5
-70°	264.8	242.8	220.3	196.9	176.1	156.6	136.5	115.9	94.3	80.4	68.9
-72.5°	148.3	135.7	122.1	107.3	91.3	81.7	74.4	66.9	58.3	48.9	41.7
-75°	76.2	71.3	66.0	60.5	54.8	48.9	45.3	42.4	39.6	36.9	34.5
-77.5°	45.5	43.7	41.9	40.3	38.5	36.6	34.6	32.8	31.4	29.9	28.3
-80°	34.1	32.9	31.8	30.9	29.8	28.8	27.6	26.5	25.3	24.1	23.0
-82.5°	26.2	25.6	25.0	24.1	23.2	22.2	21.1	20.4	19.7	19.0	18.3
-85°	19.6	19.4	19.2	18.4	17.6	16.8	16.0	15.8	15.6	15.3	15.1
-87.5°	15.4	15.0	14.7	14.3	13.9	13.5	13.2	13.1	12.9	12.8	12.6
-90°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3



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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°	10.5	10.1	9.8	9.4	9.4	9.4	9.4	9.4	8.7	8.1	7.4
87.5°	1.5	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.0
85°	2.0	2.2	2.4	2.7	2.7	2.7	2.7	2.7	3.0	3.2	3.3
82.5°	2.7	2.7	2.6	2.7	2.9	3.0	3.1	3.1	3.2	3.4	3.6
80°	3.0	3.1	3.1	3.1	3.2	3.4	3.6	3.6	3.8	3.9	4.0
77.5°	3.4	3.5	3.8	3.8	3.7	3.7	3.8	4.1	4.3	4.4	4.4
75°	4.0	3.9	3.9	4.1	4.1	4.0	3.9	4.1	4.4	4.8	4.8
72.5°	5.0	4.6	4.3	4.2	4.4	4.4	4.2	4.1	4.5	4.8	5.2
70°	6.9	5.7	5.1	4.8	4.8	4.9	4.8	4.6	4.5	4.9	5.2
67.5°	9.5	7.8	6.5	5.6	5.2	5.1	5.3	5.2	5.1	4.9	5.2
65°	18.2	12.2	8.0	6.8	5.9	5.4	5.4	5.7	5.6	5.4	5.3
62.5°	24.9	18.5	12.8	8.8	6.8	5.9	5.5	5.9	6.1	5.8	5.6
60°	29.3	22.3	17.2	12.5	8.7	6.6	6.0	6.2	6.4	6.3	6.0
57.5°	28.2	24.4	20.5	15.8	11.3	7.9	6.7	6.7	6.7	6.7	6.3
55°	24.7	21.7	22.5	19.1	13.9	9.6	7.8	7.3	7.2	7.1	6.7
52.5°	20.3	20.3	22.2	21.4	17.0	11.6	9.4	7.9	7.7	7.6	7.2
50°	16.4	19.3	22.0	22.7	19.8	14.9	10.9	9.2	8.3	8.0	7.6
47.5°	14.8	18.4	21.2	24.0	22.2	18.0	13.3	10.4	8.9	8.5	8.1
45°	16.5	17.9	20.7	23.2	24.9	20.5	16.0	11.5	9.9	9.0	8.6
42.5°	19.8	20.1	20.9	22.6	24.7	22.5	18.5	13.6	10.8	9.5	9.1
40°	24.9	24.3	22.5	24.3	24.7	24.3	20.2	15.7	11.6	10.1	9.5
37.5°	31.6	30.2	27.2	29.0	26.5	24.9	21.6	17.7	12.9	11.0	9.9
35°	57.1	37.8	42.6	40.2	32.9	26.1	22.8	19.2	14.8	11.8	10.3
32.5°	89.8	71.0	75.1	59.1	41.6	28.0	24.0	20.9	16.6	12.7	10.7
30°	150.7	149.3	124.5	83.2	55.3	36.1	26.5	22.8	18.4	13.6	11.2
27.5°	253.9	244.3	192.5	128.9	78.4	46.8	30.6	25.0	20.0	14.7	11.9
25°	359.9	343.0	284.8	191.0	104.9	72.7	35.5	27.6	21.8	16.1	12.6
22.5°	473.8	438.5	388.2	263.4	149.9	107.3	48.6	31.4	23.7	17.4	13.3
20°	586.0	532.8	492.7	325.5	205.7	147.4	73.5	35.6	25.7	18.6	14.0
17.5°	720.8	608.2	534.0	386.9	261.5	187.8	102.9	40.0	27.8	19.7	14.6
15°	931.9	658.4	570.5	440.9	309.9	228.2	135.7	44.6	29.9	20.7	15.2
12.5°	1124.1	705.0	606.6	487.9	351.6	268.3	170.8	49.3	32.1	21.7	15.7
10°	1304.1	747.9	641.6	528.1	387.3	307.7	207.0	53.9	34.0	22.7	16.2
7.5°	1467.2	786.9	675.0	561.8	414.7	332.8	229.4	58.4	35.9	23.5	16.6
5°	1590.0	815.6	700.1	577.0	421.7	341.5	246.2	62.6	37.6	24.3	16.9
2.5°	1601.7	830.1	718.8	585.3	426.4	347.4	259.0	66.5	39.1	24.9	17.3
0°	1578.0	840.1	733.9	588.7	428.8	350.8	267.5	69.9	40.3	25.5	17.5
-2.5°	1555.5	840.4	735.2	599.1	448.1	361.0	276.9	89.9	53.2	32.8	20.8
-5°	1504.8	837.0	732.8	605.5	464.6	369.2	282.6	108.9	65.6	39.7	24.1
-7.5°	1418.8	821.0	722.3	607.3	477.4	375.5	285.2	126.5	77.1	46.2	27.0
-10°	1304.2	795.9	701.9	597.8	483.4	383.6	286.2	142.4	87.5	52.0	29.7
-12.5°	1164.0	768.1	681.1	588.4	487.1	393.3	288.9	155.7	96.6	57.0	32.0
-15°	999.5	737.9	660.9	580.3	489.8	401.0	288.9	166.6	104.7	61.7	33.8
-17.5°	817.6	705.6	642.4	574.5	491.9	406.9	286.5	175.0	111.4	66.3	35.9
-20°	779.6	690.6	626.8	572.2	493.6	411.1	281.9	180.7	116.4	69.7	37.9



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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°	767.1	692.2	631.8	570.4	495.2	413.5	275.3	183.6	119.7	71.8	39.0
-25°	752.3	695.2	639.4	570.1	494.9	401.8	272.2	183.5	121.0	72.4	39.3
-27.5°	749.6	700.1	646.3	564.5	486.4	388.5	271.0	184.4	120.9	71.6	38.5
-30°	754.5	705.8	639.5	553.3	474.1	366.6	265.7	182.9	119.8	70.3	36.7
-32.5°	756.2	711.2	623.1	536.9	450.7	343.6	253.5	178.7	116.4	68.2	35.7
-35°	753.4	692.9	600.3	516.0	422.9	325.4	239.2	171.9	111.0	64.5	34.6
-37.5°	747.0	660.1	573.2	488.5	394.7	304.5	226.3	160.9	103.2	59.3	32.9
-40°	709.7	625.6	541.8	457.1	367.9	280.9	210.9	148.2	95.2	52.5	30.4
-42.5°	670.5	588.1	505.9	424.8	339.2	261.0	193.1	133.1	84.9	47.4	27.2
-45°	626.4	546.4	466.2	386.6	308.8	238.4	173.6	116.3	72.8	42.9	24.6
-47.5°	578.1	499.6	421.1	344.4	280.0	213.2	151.4	100.9	59.4	37.5	23.6
-50°	523.8	446.8	370.4	305.2	246.1	185.0	127.9	83.8	51.9	31.0	22.5
-52.5°	463.7	386.6	322.9	266.1	208.9	153.8	106.5	66.0	43.6	27.8	21.1
-55°	394.9	332.2	278.2	222.5	168.7	125.0	83.1	55.4	34.5	25.9	19.6
-57.5°	335.8	281.8	227.1	174.7	132.0	95.1	65.5	43.9	30.5	23.9	18.6
-60°	274.8	221.4	171.1	132.4	97.4	70.5	51.1	34.6	27.8	21.9	17.5
-62.5°	204.0	159.5	125.3	92.7	70.0	52.8	38.0	31.2	25.0	20.5	16.3
-65°	141.3	109.9	81.6	65.6	49.9	38.1	33.7	27.7	23.2	19.2	15.3
-67.5°	85.2	71.3	57.1	43.1	37.2	33.3	29.1	25.3	21.5	17.7	14.7
-70°	56.9	44.7	38.7	35.5	32.1	28.8	26.4	23.5	19.9	16.7	14.0
-72.5°	38.8	35.9	33.2	30.3	27.9	25.8	23.9	21.6	18.5	15.7	13.3
-75°	32.1	30.1	28.1	26.1	24.2	22.7	21.5	19.7	17.0	14.6	12.3
-77.5°	26.7	25.0	23.3	22.0	21.1	20.1	19.1	17.7	15.5	13.3	11.2
-80°	21.9	20.8	19.9	19.0	18.2	17.5	16.8	16.0	14.0	12.1	10.1
-82.5°	17.6	17.2	16.8	16.3	15.9	15.4	15.0	14.4	12.6	10.8	9.1
-85°	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.7	11.3	9.9	8.6
-87.5°	12.4	12.2	12.0	11.7	11.5	11.4	11.2	11.1	10.0	9.0	8.0
-90°	1.3	1.3	1.3	1.3	1.7	2.0	2.4	2.7	2.7	2.7	2.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	6.0	5.4	4.7	4.0	4.0	4.0
87.5°	3.0	3.2	3.5	3.7	4.0	4.0	4.0
85°	3.4	3.4	3.6	3.8	4.0	4.1	4.0
82.5°	3.7	3.7	3.7	3.8	4.0	4.1	4.0
80°	4.0	3.9	3.8	3.9	4.0	4.1	4.0
77.5°	4.4	4.1	3.9	3.9	4.0	4.2	4.0
75°	4.8	4.4	4.0	3.9	4.0	4.2	4.0
72.5°	5.1	4.7	4.3	4.0	4.0	4.2	4.0
70°	5.4	5.0	4.5	4.0	4.1	4.3	4.0
67.5°	5.4	5.3	4.7	4.2	4.1	4.3	4.0
65°	5.5	5.4	5.0	4.4	4.1	4.3	4.0
62.5°	5.6	5.5	5.2	4.5	4.1	4.4	4.0
60°	5.6	5.7	5.4	4.7	4.2	4.4	4.0
57.5°	6.0	5.8	5.5	4.9	4.3	4.4	4.0
55°	6.3	5.9	5.7	5.0	4.5	4.5	4.0
52.5°	6.6	6.1	5.8	5.2	4.6	4.5	4.0
50°	7.0	6.4	5.9	5.3	4.7	4.6	4.0
47.5°	7.3	6.6	6.1	5.4	4.8	4.6	4.0
45°	7.7	6.9	6.2	5.5	5.0	4.6	4.0
42.5°	8.2	7.2	6.4	5.7	5.1	4.7	4.0
40°	8.6	7.4	6.6	5.8	5.2	4.7	4.0
37.5°	9.1	7.7	6.8	6.0	5.3	4.8	4.0
35°	9.6	8.0	7.0	6.2	5.5	4.8	4.0
32.5°	10.0	8.4	7.2	6.3	5.6	4.9	4.0
30°	10.3	8.7	7.3	6.5	5.7	4.9	4.0
27.5°	10.6	9.1	7.6	6.7	5.8	5.0	4.0
25°	11.0	9.4	7.8	6.8	5.9	5.0	4.0
22.5°	11.3	9.8	8.0	7.0	6.0	5.0	4.0
20°	11.6	10.0	8.2	7.1	6.1	5.1	4.0
17.5°	11.8	10.2	8.4	7.3	6.2	5.1	4.0
15°	12.0	10.4	8.5	7.4	6.3	5.2	4.0
12.5°	12.3	10.5	8.7	7.5	6.4	5.2	4.0
10°	12.5	10.6	8.9	7.7	6.4	5.3	4.0
7.5°	12.8	10.7	9.0	7.8	6.5	5.3	4.0
5°	13.0	10.8	9.2	7.9	6.6	5.3	4.0
2.5°	13.2	10.8	9.3	8.0	6.6	5.4	4.0
0°	13.4	10.8	9.4	8.1	6.7	5.4	4.0
-2.5°	14.6	11.4	9.6	8.2	6.8	5.4	4.0
-5°	15.8	11.9	9.9	8.3	6.8	5.5	4.0
-7.5°	16.9	12.5	10.1	8.3	6.9	5.5	4.0
-10°	18.0	12.9	10.2	8.4	6.9	5.5	4.0
-12.5°	18.9	13.4	10.4	8.4	6.9	5.5	4.0
-15°	19.6	13.7	10.5	8.5	7.0	5.5	4.0
-17.5°	20.3	14.0	10.6	8.5	7.0	5.5	4.0
-20°	20.9	14.3	10.7	8.5	7.0	5.5	4.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.6	14.4	10.8	8.5	7.0	5.5	4.0
-25°	22.0	14.6	10.8	8.6	7.0	5.5	4.0
-27.5°	21.9	14.6	10.7	8.6	7.0	5.5	4.0
-30°	21.5	14.6	10.7	8.5	7.0	5.5	4.0
-32.5°	20.5	14.5	10.7	8.5	7.0	5.5	4.0
-35°	20.1	14.3	10.6	8.5	7.0	5.5	4.0
-37.5°	19.8	14.1	10.5	8.5	7.0	5.4	4.0
-40°	19.4	14.0	10.4	8.4	7.0	5.4	4.0
-42.5°	18.8	13.8	10.3	8.4	6.9	5.4	4.0
-45°	18.1	13.5	10.3	8.4	6.9	5.3	4.0
-47.5°	17.3	13.1	10.2	8.4	6.8	5.3	4.0
-50°	16.7	12.7	10.1	8.3	6.8	5.2	4.0
-52.5°	16.1	12.2	10.0	8.2	6.7	5.2	4.0
-55°	15.3	12.0	9.9	8.1	6.7	5.1	4.0
-57.5°	14.5	11.7	9.7	8.0	6.6	5.0	4.0
-60°	13.7	11.5	9.6	7.8	6.5	5.0	4.0
-62.5°	13.3	11.2	9.3	7.6	6.4	4.9	4.0
-65°	12.8	10.9	9.0	7.4	6.2	4.8	4.0
-67.5°	12.4	10.4	8.6	7.2	6.0	4.8	4.0
-70°	11.8	9.9	8.2	7.0	5.8	4.7	4.0
-72.5°	11.0	9.2	7.8	6.8	5.6	4.6	4.0
-75°	10.1	8.6	7.4	6.5	5.4	4.5	4.0
-77.5°	9.2	8.0	7.1	6.2	5.2	4.4	4.0
-80°	8.2	7.5	6.7	5.9	4.9	4.4	4.0
-82.5°	7.8	7.1	6.4	5.6	4.7	4.3	4.0
-85°	7.4	6.8	6.1	5.3	4.5	4.2	4.0
-87.5°	7.1	6.4	5.7	5.0	4.2	4.1	4.0
-90°	2.7	3.0	3.4	3.7	4.0	4.0	4.0

(END OF REPORT)