

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: P1305737 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

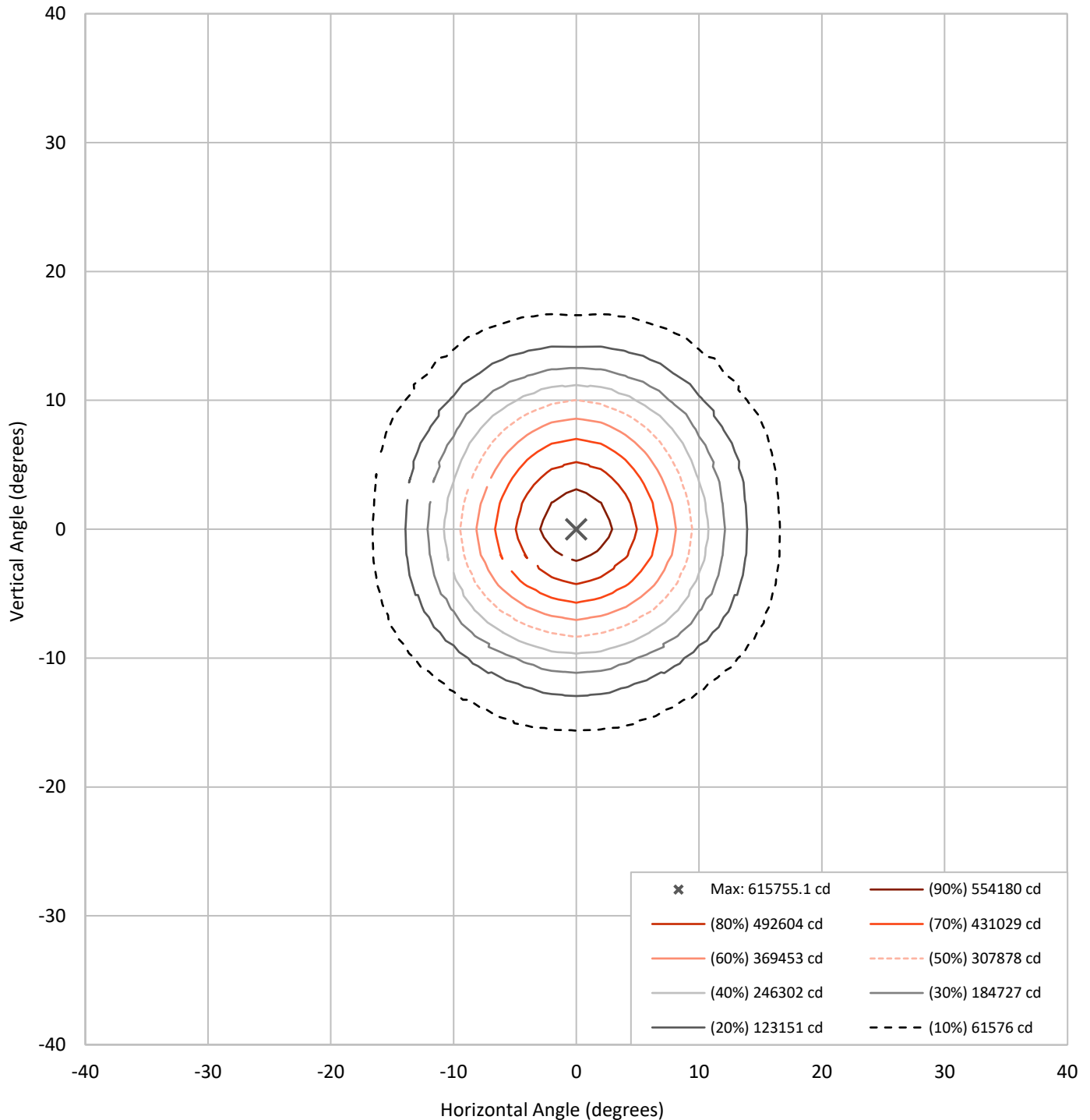
Test Method: LM-79-08
Report Number: P1305737 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-70-1S-CV1-A
Description: EPHEBUS 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:	74168.7 lumens	Max Intensity:	615755.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.3 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:	34604.9 lumens	Field Lumens:	62852 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	718		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





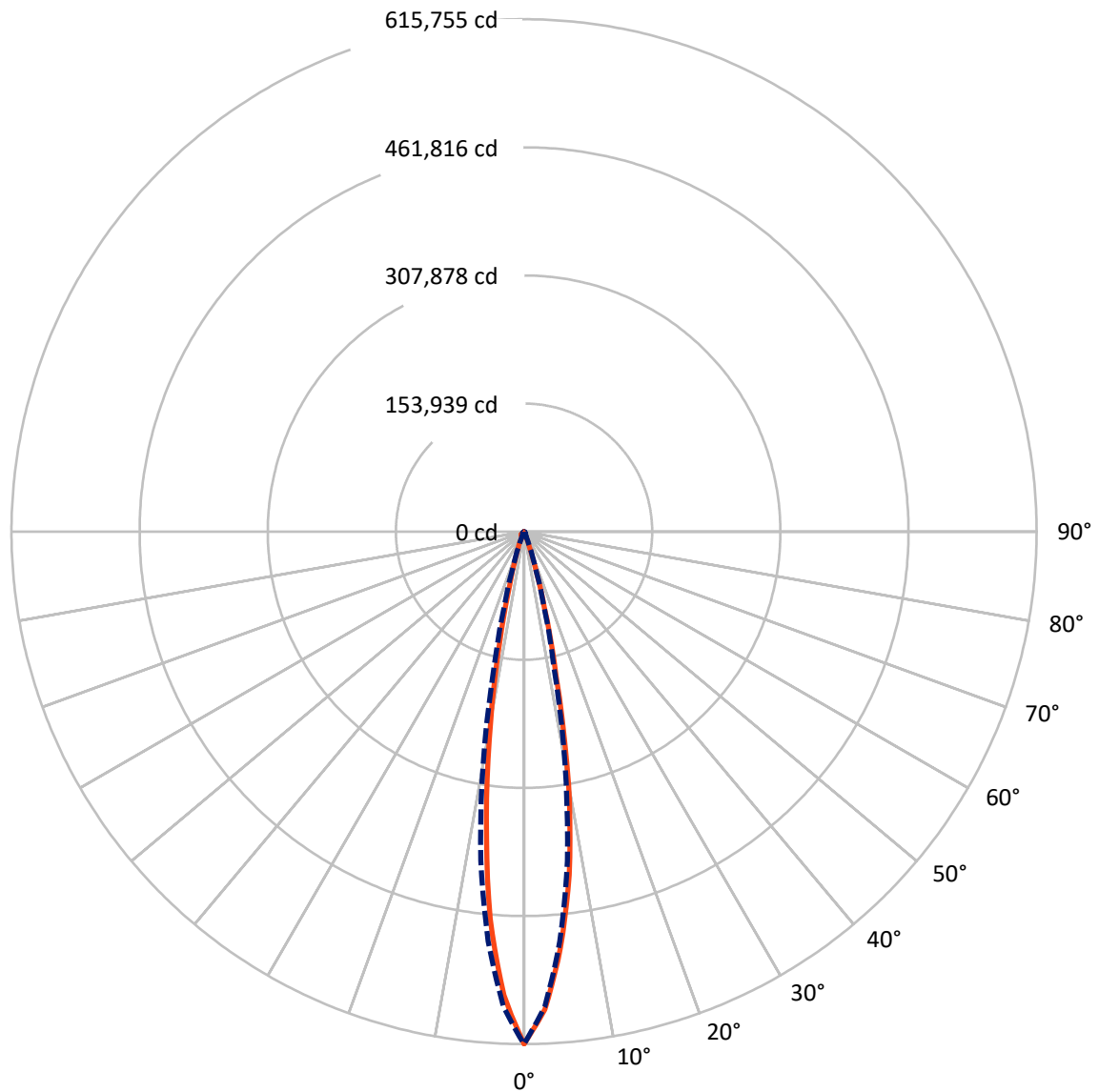
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Lumen Table

90	0.1	0.3		0.4		0.5		0.5		0.5		0.4		0.3		0.1
80	0.1	0.3		0.4		0.5		0.5		0.5		0.4		0.3		0.1
70	0.1	0.1	0.2	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.2	0.1	0.1
60		0.1	0.3	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.3	0.1	
50	0.2	0.2	0.4	0.4	0.5	0.8	1.2	0.9	0.9	1.2	0.8	0.5	0.4	0.4	0.2	0.2
40		0.3	0.9	2.0	4.1	5.9	8.4	10.3	10.3	8.4	5.9	4.1	2.0	0.9	0.3	
30	0.3	0.5	4.1	12.8	30.3	41.1	65.8	117.5	117.5	65.8	41.1	30.3	12.8	4.1	0.5	0.3
20		1.3	8.6	37.0	74.5	98.7	721.4	2907.0	2907.0	721.4	98.7	74.5	37.0	8.6	1.3	
10	0.4	2.0	11.1	49.9	82.9	181.2	2702.5	11671.1	11671.1	2702.5	181.2	82.9	49.9	11.1	2.0	0.4
0		2.5	11.7	49.0	82.8	176.0	2585.4	10811.7	10811.7	2585.4	176.0	82.8	49.0	11.7	2.5	
-10	0.6	2.9	11.2	39.3	76.3	96.3	575.8	2158.6	2158.6	575.8	96.3	76.3	39.3	11.2	2.9	0.6
-20		3.0	10.9	27.2	75.6	94.8	107.3	185.3	185.3	107.3	94.8	75.6	27.2	10.9	3.0	
-30	0.5	2.6	9.9	19.2	53.7	111.2	130.1	134.2	134.2	130.1	111.2	53.7	19.2	9.9	2.6	0.5
-40		1.9	7.6	16.9	28.4	51.1	92.7	125.8	125.8	92.7	51.1	28.4	16.9	7.6	1.9	
-50	0.3	0.9	4.4	11.4	21.7	31.6	39.8	44.8	44.8	39.8	31.6	21.7	11.4	4.4	0.9	0.3
-60		0.4	1.5	4.5	9.3	15.3	21.1	24.6	24.6	21.1	15.3	9.3	4.5	1.5	0.4	
-70	0.2	0.4	1.5	4.5	9.3	15.3	21.1	24.6	24.6	21.1	15.3	9.3	4.5	1.5	0.4	0.2
-80		0.2	1.2	3.3	7.8	10.5	7.8	3.3	1.2	0.2						
-90	0.2	1.2	3.3	7.8	10.5	7.8	3.3	1.2	0.2							

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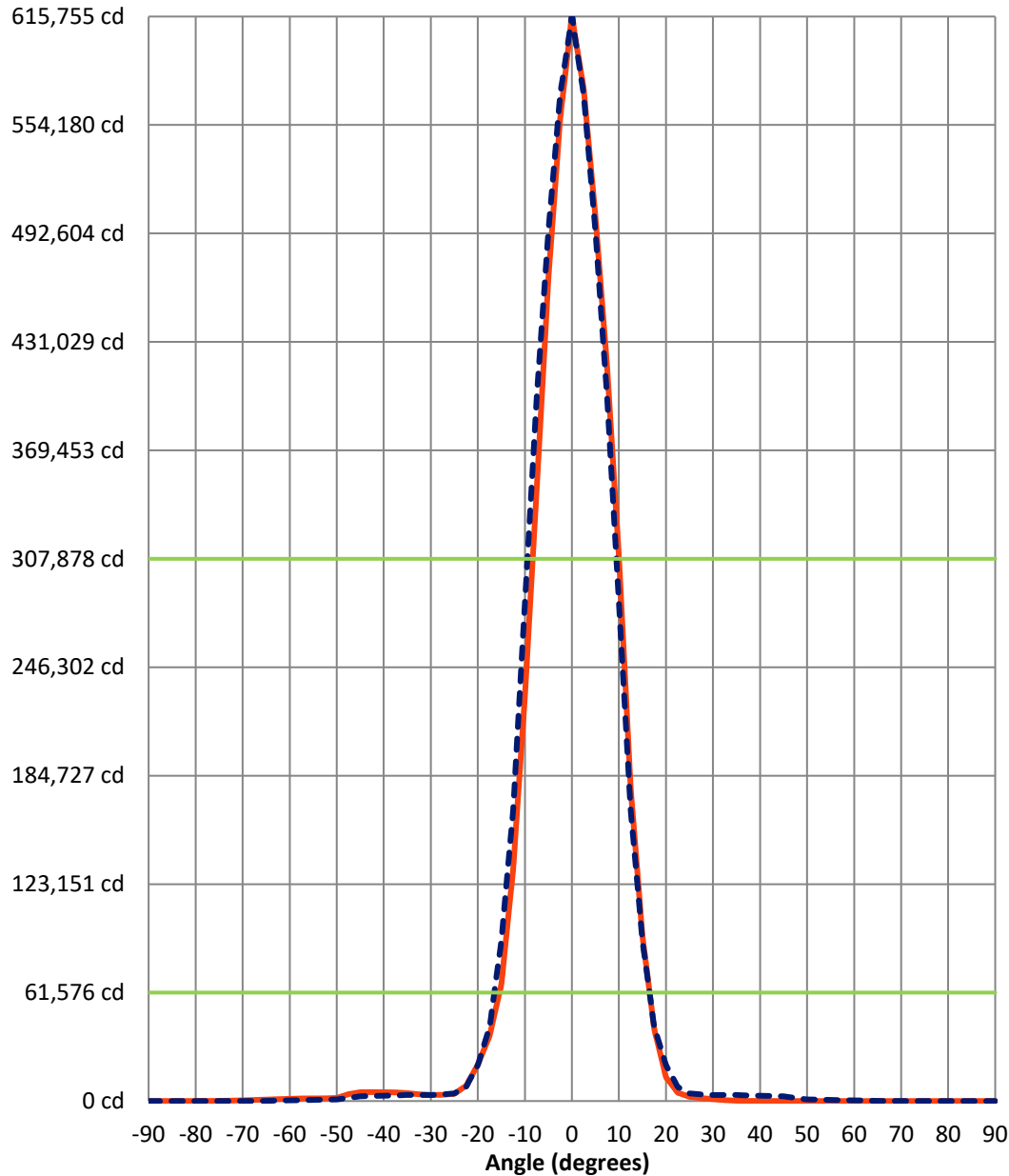
Luminous Intensity Polar Plot



— 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: 34604.9
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 62852
 Efficiency: 84.7%

Spill:
 Lumens: 11316.7
 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°	4.5	4.5	4.5	5.2	6.0	6.7	7.4	8.2	8.9	9.7	10.4
87.5°	4.5	4.5	4.5	4.2	3.9	3.6	3.4	3.3	3.3	3.1	3.0
85°	4.5	4.6	4.5	4.2	4.0	3.9	3.8	3.7	3.5	3.3	3.0
82.5°	4.5	4.6	4.5	4.3	4.1	4.1	4.2	4.0	3.8	3.6	3.4
80°	4.5	4.6	4.5	4.3	4.3	4.3	4.5	4.4	4.3	4.2	4.1
77.5°	4.5	4.7	4.5	4.4	4.4	4.6	4.9	4.9	4.8	4.8	4.6
75°	4.5	4.7	4.5	4.4	4.5	4.9	5.3	5.3	5.3	4.9	4.6
72.5°	4.5	4.7	4.5	4.5	4.8	5.2	5.6	5.7	5.3	5.0	4.6
70°	4.5	4.8	4.6	4.5	5.0	5.5	5.9	5.7	5.4	5.0	5.1
67.5°	4.5	4.8	4.6	4.7	5.2	5.8	5.9	5.7	5.4	5.6	5.8
65°	4.5	4.8	4.6	4.9	5.5	6.0	6.0	5.8	5.9	6.2	6.2
62.5°	4.5	4.9	4.6	5.0	5.7	6.1	6.1	6.1	6.4	6.7	6.5
60°	4.5	4.9	4.7	5.2	5.9	6.2	6.2	6.5	6.9	7.0	6.7
57.5°	4.5	4.9	4.8	5.4	6.0	6.3	6.5	7.0	7.4	7.4	7.3
55°	4.5	5.0	5.0	5.5	6.2	6.5	6.9	7.4	7.8	7.9	8.0
52.5°	4.5	5.0	5.1	5.7	6.4	6.7	7.3	7.9	8.3	8.5	8.8
50°	4.5	5.1	5.2	5.8	6.5	7.0	7.7	8.4	8.8	9.2	10.1
47.5°	4.5	5.1	5.4	5.9	6.7	7.3	8.0	8.9	9.4	9.8	11.5
45°	4.5	5.1	5.5	6.1	6.9	7.6	8.5	9.5	10.0	10.9	12.8
42.5°	4.5	5.2	5.6	6.2	7.1	7.9	9.0	10.0	10.5	11.9	15.1
40°	4.5	5.2	5.8	6.4	7.3	8.2	9.5	10.5	11.2	12.9	17.4
37.5°	4.5	5.3	5.9	6.6	7.5	8.4	10.0	10.9	12.1	14.3	19.6
35°	4.5	5.3	6.0	6.8	7.7	8.8	10.5	11.4	13.1	16.4	21.3
32.5°	4.5	5.4	6.1	7.0	7.9	9.2	11.0	11.8	14.1	18.4	23.1
30°	4.5	5.4	6.3	7.2	8.1	9.6	11.4	12.4	15.1	20.3	25.2
27.5°	4.5	5.5	6.4	7.3	8.3	10.0	11.7	13.2	16.3	22.2	27.7
25°	4.5	5.5	6.5	7.5	8.6	10.4	12.1	13.9	17.8	24.1	30.5
22.5°	4.5	5.5	6.6	7.7	8.8	10.8	12.4	14.7	19.2	26.2	34.7
20°	4.5	5.6	6.7	7.9	9.0	11.0	12.8	15.5	20.6	28.4	39.3
17.5°	4.5	5.6	6.8	8.0	9.2	11.3	13.1	16.2	21.8	30.7	44.2
15°	4.5	5.7	6.9	8.2	9.4	11.5	13.3	16.8	22.9	33.1	49.3
12.5°	4.5	5.7	7.0	8.3	9.6	11.6	13.6	17.4	24.0	35.5	54.4
10°	4.5	5.8	7.1	8.4	9.8	11.7	13.9	17.9	25.0	37.7	59.5
7.5°	4.5	5.8	7.2	8.6	10.0	11.8	14.2	18.3	26.0	39.7	64.5
5°	4.5	5.8	7.3	8.7	10.1	11.9	14.4	18.7	26.8	41.6	69.2
2.5°	4.5	5.9	7.3	8.8	10.3	11.9	14.7	19.0	27.6	43.2	73.4
0°	4.5	5.9	7.4	8.9	10.4	11.9	14.9	19.3	28.2	44.6	77.2
-2.5°	4.5	5.9	7.5	9.0	10.7	12.5	16.3	23.0	36.2	58.9	99.3
-5°	4.5	6.0	7.5	9.1	10.9	13.2	17.6	26.6	43.9	72.5	120.3
-7.5°	4.5	6.0	7.6	9.2	11.1	13.7	18.8	29.9	51.0	85.2	139.8
-10°	4.5	6.0	7.6	9.2	11.3	14.3	19.9	32.8	57.4	96.7	157.3
-12.5°	4.5	6.0	7.7	9.3	11.5	14.8	20.9	35.3	62.9	106.7	172.0
-15°	4.5	6.0	7.7	9.3	11.7	15.2	21.7	37.3	68.2	115.8	184.1
-17.5°	4.5	6.1	7.7	9.4	11.8	15.5	22.4	39.6	73.3	123.1	193.4
-20°	4.5	6.1	7.7	9.4	11.9	15.8	23.1	41.9	77.0	128.7	199.7



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 CATALOG NUMBER: EPH-08-680R-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°	4.5	6.1	7.7	9.4	11.9	16.0	23.9	43.1	79.3	132.2	202.9
-25°	4.5	6.1	7.8	9.4	11.9	16.1	24.3	43.4	80.1	133.7	202.7
-27.5°	4.5	6.0	7.8	9.4	11.9	16.2	24.3	42.6	79.1	133.6	203.7
-30°	4.5	6.0	7.7	9.4	11.8	16.2	23.7	40.6	77.7	132.3	202.1
-32.5°	4.5	6.0	7.7	9.4	11.8	16.1	22.7	39.5	75.3	128.7	197.5
-35°	4.5	6.0	7.7	9.4	11.7	15.9	22.2	38.3	71.3	122.6	190.0
-37.5°	4.5	6.0	7.7	9.3	11.6	15.6	21.9	36.3	65.5	114.1	177.9
-40°	4.5	5.9	7.7	9.3	11.5	15.5	21.4	33.6	58.0	105.2	163.8
-42.5°	4.5	5.9	7.6	9.3	11.4	15.2	20.8	30.1	52.4	93.8	147.1
-45°	4.5	5.9	7.6	9.2	11.3	14.9	20.0	27.2	47.4	80.4	128.5
-47.5°	4.5	5.8	7.5	9.2	11.3	14.5	19.1	26.1	41.4	65.7	111.5
-50°	4.5	5.8	7.5	9.1	11.2	14.0	18.4	24.8	34.3	57.4	92.6
-52.5°	4.5	5.7	7.4	9.0	11.1	13.5	17.7	23.3	30.7	48.2	72.9
-55°	4.5	5.7	7.3	8.9	10.9	13.2	16.9	21.7	28.7	38.1	61.2
-57.5°	4.5	5.6	7.3	8.8	10.7	12.9	16.0	20.5	26.4	33.7	48.5
-60°	4.5	5.5	7.2	8.6	10.5	12.7	15.1	19.3	24.2	30.8	38.2
-62.5°	4.5	5.5	7.0	8.4	10.2	12.4	14.7	18.0	22.7	27.6	34.5
-65°	4.5	5.4	6.8	8.2	9.9	12.0	14.2	16.9	21.1	25.6	30.6
-67.5°	4.5	5.3	6.6	8.0	9.5	11.5	13.7	16.2	19.5	23.8	28.0
-70°	4.5	5.2	6.4	7.8	9.1	10.9	13.1	15.5	18.5	21.9	26.0
-72.5°	4.5	5.1	6.2	7.5	8.6	10.2	12.2	14.7	17.3	20.4	23.8
-75°	4.5	5.0	6.0	7.2	8.2	9.5	11.2	13.6	16.1	18.8	21.8
-77.5°	4.5	5.0	5.7	6.8	7.8	8.8	10.1	12.4	14.7	17.1	19.6
-80°	4.5	4.9	5.5	6.5	7.4	8.2	9.0	11.1	13.3	15.5	17.7
-82.5°	4.5	4.8	5.3	6.2	7.1	7.9	8.5	10.1	11.9	13.9	16.0
-85°	4.5	4.7	5.0	5.9	6.7	7.5	8.2	9.5	10.9	12.5	14.2
-87.5°	4.5	4.6	4.8	5.6	6.3	7.1	7.8	8.8	9.9	11.1	12.3
-90°	4.5	4.5	4.5	4.1	3.8	3.4	3.0	3.0	3.0	3.0	3.0



REPORT NUMBER: P1305737 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-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°	10.4	10.4	10.4	10.4	10.8	11.2	11.5	11.9	12.3	12.7	13.0
87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.5	1.5
85°	3.0	3.0	3.0	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7
82.5°	3.4	3.4	3.2	3.0	2.9	2.9	3.0	3.0	2.7	2.5	2.3
80°	4.0	3.8	3.6	3.5	3.5	3.5	3.3	3.1	3.0	3.1	3.3
77.5°	4.3	4.2	4.2	4.3	4.2	4.0	3.8	3.8	4.0	4.2	4.4
75°	4.4	4.5	4.6	4.6	4.4	4.4	4.5	4.8	5.0	5.0	4.9
72.5°	4.7	4.9	4.9	4.7	4.8	5.1	5.5	5.8	6.5	7.3	8.1
70°	5.3	5.4	5.3	5.3	5.6	6.2	7.5	9.2	10.8	12.7	15.4
67.5°	5.8	5.6	5.7	6.1	7.1	8.6	10.4	16.4	23.3	26.2	27.1
65°	5.9	5.9	6.5	7.5	8.8	13.5	20.0	28.1	35.7	36.6	35.2
62.5°	6.0	6.5	7.5	9.6	14.1	20.4	27.5	35.1	43.7	44.1	38.7
60°	6.6	7.3	9.6	13.8	18.9	24.6	32.4	38.6	45.7	49.1	37.4
57.5°	7.4	8.7	12.5	17.5	22.7	26.9	31.1	37.5	41.3	41.9	30.9
55°	8.6	10.6	15.3	21.1	24.8	23.9	27.3	30.9	32.3	30.1	21.5
52.5°	10.4	12.7	18.7	23.6	24.5	22.5	22.4	24.1	22.5	19.3	16.9
50°	12.0	16.4	21.9	25.1	24.3	21.4	18.1	17.8	17.1	16.1	14.5
47.5°	14.7	19.9	24.6	26.5	23.4	20.3	16.4	15.9	15.8	15.2	13.9
45°	17.7	22.7	27.5	25.7	22.8	19.8	18.2	16.3	16.3	16.5	17.4
42.5°	20.5	24.9	27.3	25.0	23.1	22.3	21.9	19.5	19.4	23.5	24.9
40°	22.4	26.8	27.3	26.9	24.9	26.9	27.5	27.8	29.0	33.3	35.4
37.5°	23.9	27.5	29.2	32.0	30.1	33.4	34.9	51.1	53.1	44.8	61.6
35°	25.1	28.9	36.4	44.4	47.1	41.8	63.1	85.4	93.1	88.1	107.0
32.5°	26.5	30.9	46.0	65.3	83.0	78.5	99.2	137.8	162.4	174.9	190.0
30°	29.3	39.9	61.0	92.0	137.5	164.9	166.5	207.4	252.8	333.2	405.7
27.5°	33.8	51.7	86.6	142.5	212.8	269.9	280.6	307.0	410.7	562.8	754.3
25°	39.2	80.3	116.0	211.1	314.7	379.0	397.7	442.7	622.5	971.5	1160.7
22.5°	53.7	118.5	165.6	291.0	429.0	484.5	523.6	686.9	1011.6	1472.9	1615.0
20°	81.2	162.8	227.3	359.7	544.4	588.8	647.5	997.8	1518.4	1902.5	2095.6
17.5°	113.7	207.5	289.0	427.5	590.1	672.1	796.4	1353.7	2041.8	2317.6	2518.6
15°	149.9	252.2	342.5	487.2	630.4	727.5	1029.7	1767.5	2484.5	2712.8	2909.4
12.5°	188.7	296.5	388.5	539.1	670.3	779.0	1242.1	2058.5	2697.4	3020.2	3273.4
10°	228.6	340.0	428.0	583.5	709.0	826.4	1440.9	2307.8	2805.0	3072.3	3351.8
7.5°	253.4	367.8	458.3	620.8	745.9	869.5	1621.1	2515.3	2879.1	3088.5	3295.6
5°	272.0	377.3	466.0	637.6	773.5	901.2	1756.9	2680.4	2926.2	3076.2	3197.7
2.5°	286.1	383.8	471.2	646.7	794.2	917.2	1769.7	2706.3	2911.7	3052.7	3136.5
0°	295.5	387.6	473.8	650.5	810.9	928.2	1743.6	2692.6	2879.7	3025.3	3123.3
-2.5°	305.9	398.9	495.2	662.0	812.4	928.6	1718.7	2665.9	2911.4	3106.9	3269.7
-5°	312.2	408.0	513.3	669.1	809.7	924.9	1662.8	2597.5	2907.5	3113.3	3312.9
-7.5°	315.2	414.9	527.5	671.1	798.1	907.2	1567.7	2434.2	2785.2	2977.7	3224.7
-10°	316.3	423.9	534.1	660.6	775.6	879.4	1441.1	2245.7	2658.8	2834.9	3094.6
-12.5°	319.3	434.6	538.3	650.2	752.6	848.7	1286.2	2039.0	2531.5	2686.5	2950.8
-15°	319.3	443.1	541.3	641.2	730.4	815.3	1104.4	1820.5	2461.9	2713.7	2930.9
-17.5°	316.6	449.7	543.5	634.9	709.9	779.7	903.4	1625.5	2418.0	2772.2	2986.6
-20°	311.5	454.3	545.5	632.3	692.7	763.1	861.4	1408.0	2195.0	2798.8	3060.6



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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°	304.2	456.9	547.2	630.3	698.2	764.8	847.6	1161.6	1885.1	2795.4	3062.8
-25°	300.8	444.0	546.9	630.0	706.6	768.2	831.3	927.1	1552.0	2397.7	2981.6
-27.5°	299.4	429.3	537.5	623.8	714.1	773.6	828.2	906.0	1233.3	1921.3	2815.3
-30°	293.6	405.1	523.9	611.4	706.6	779.9	833.6	882.9	973.1	1510.8	2254.9
-32.5°	280.1	379.7	498.0	593.3	688.5	785.8	835.6	878.0	944.6	1103.7	1708.0
-35°	264.3	359.6	467.3	570.1	663.3	765.7	832.5	877.0	920.7	997.7	1271.7
-37.5°	250.1	336.5	436.1	539.8	633.3	729.4	825.4	872.4	916.4	971.5	1075.8
-40°	233.0	310.4	406.5	505.1	598.6	691.2	784.2	865.9	910.1	981.6	1050.5
-42.5°	213.4	288.4	374.9	469.4	559.0	649.8	740.8	828.4	920.1	991.9	1060.6
-45°	191.9	263.5	341.3	427.3	515.2	603.8	692.2	783.2	893.7	1003.1	1072.1
-47.5°	167.3	235.6	309.5	380.6	465.3	552.1	638.8	734.2	843.7	957.9	1081.0
-50°	141.3	204.4	272.0	337.3	409.3	493.7	578.8	674.8	777.8	888.3	1004.3
-52.5°	117.6	170.0	230.8	294.0	356.8	427.2	512.4	603.5	700.0	803.9	905.2
-55°	91.8	138.0	186.4	245.8	307.4	367.1	436.4	521.8	610.7	704.9	796.3
-57.5°	72.3	105.0	145.8	193.0	250.9	311.3	371.0	435.5	514.3	597.3	673.6
-60°	56.5	77.9	107.6	146.2	189.1	244.6	303.6	362.0	422.9	483.6	549.4
-62.5°	41.9	58.3	77.3	102.4	138.4	176.3	225.4	279.9	336.4	386.9	434.6
-65°	37.2	42.1	55.2	72.5	90.3	121.5	156.2	192.6	239.9	284.3	327.5
-67.5°	32.2	36.8	41.1	47.6	63.2	78.8	94.1	124.3	155.9	184.4	214.6
-70°	29.2	31.8	35.6	39.3	42.8	49.4	62.9	76.1	88.7	104.2	128.0
-72.5°	26.4	28.5	30.9	33.6	36.7	39.7	42.9	46.1	54.0	64.5	73.9
-75°	23.7	25.0	26.8	28.8	31.1	33.2	35.4	38.0	40.8	43.7	46.8
-77.5°	21.0	22.2	23.3	24.3	25.7	27.6	29.5	31.2	33.0	34.6	36.2
-80°	18.6	19.3	20.1	21.0	22.0	23.0	24.1	25.3	26.6	27.9	29.3
-82.5°	16.6	17.1	17.6	18.1	18.5	19.0	19.5	20.2	20.9	21.7	22.5
-85°	14.6	14.9	15.2	15.5	15.9	16.2	16.4	16.7	17.0	17.2	17.5
-87.5°	12.5	12.6	12.8	13.0	13.3	13.6	13.8	14.0	14.2	14.4	14.5
-90°	2.6	2.3	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.4	13.8	14.2	14.5	14.9	15.3	15.6	16.0	16.3	16.3	16.3
87.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	2.2	2.1	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.8	1.5	1.5	1.5
77.5°	4.5	4.2	3.8	3.5	3.1	2.9	2.8	2.7	2.7	2.8	2.9
75°	4.6	4.5	4.7	4.7	4.5	4.3	4.0	3.6	3.1	3.0	3.0
72.5°	8.8	9.2	9.0	8.8	8.0	7.5	7.2	6.9	6.5	6.4	6.3
70°	16.8	17.0	16.3	14.8	12.6	11.1	10.5	9.7	8.8	8.8	9.2
67.5°	25.7	23.4	21.4	19.0	15.9	13.8	13.1	12.3	11.5	11.1	11.0
65°	31.6	24.9	21.2	18.8	17.3	15.5	13.9	12.2	10.6	9.6	9.3
62.5°	31.3	21.9	17.6	15.7	14.2	13.1	11.4	10.0	8.7	7.8	7.7
60°	27.2	18.2	13.6	12.2	11.2	10.4	9.5	8.6	7.9	7.4	7.4
57.5°	21.3	14.2	10.4	10.2	9.8	9.2	8.7	8.2	7.8	7.4	7.8
55°	15.5	12.4	10.5	10.3	10.0	9.4	8.8	8.7	8.6	8.4	9.0
52.5°	13.4	12.2	11.7	11.4	10.8	10.4	10.3	10.3	10.4	10.7	10.9
50°	13.2	12.7	12.4	11.8	11.7	11.8	11.8	12.2	12.7	12.8	12.9
47.5°	13.7	13.6	14.0	13.2	13.5	14.5	14.7	15.0	16.1	16.3	16.2
45°	16.2	18.3	18.9	18.7	18.3	23.8	25.0	22.9	31.4	30.2	23.5
42.5°	24.9	27.6	29.3	34.6	42.5	47.8	61.6	84.7	75.7	57.0	36.8
40°	42.7	41.9	50.0	59.9	65.8	76.6	93.5	115.5	106.6	90.5	96.7
37.5°	75.2	76.2	78.8	91.8	96.5	84.6	109.6	107.7	91.4	116.9	119.9
35°	138.0	152.6	129.6	157.8	164.5	154.4	163.6	180.9	156.5	189.3	199.8
32.5°	248.3	273.5	274.6	281.2	304.5	327.1	333.5	380.4	395.6	435.1	477.6
30°	396.5	443.3	483.0	493.7	525.0	580.7	626.7	717.1	813.8	886.4	981.9
27.5°	714.8	672.5	761.0	868.8	834.5	915.5	1081.3	1211.7	1404.4	1543.2	1618.1
25°	1156.1	1087.4	1248.7	1413.0	1413.4	1427.1	1667.1	1876.2	2034.0	2159.2	2269.0
22.5°	1677.0	1762.6	1907.3	2098.1	1998.7	2089.3	2327.5	2497.4	2718.4	2934.9	3583.8
20°	2260.8	2434.1	2553.0	2524.6	2520.2	2674.4	2883.9	3211.7	3880.2	6236.4	8486.6
17.5°	2775.1	2985.6	2975.1	2855.4	2912.1	3170.9	3551.2	4824.0	8200.7	15853.5	23015.5
15°	3173.9	3267.7	3206.0	3134.3	3261.4	3648.9	4600.1	8716.0	18962.8	31218.0	45206.3
12.5°	3440.4	3403.5	3241.6	3253.3	3555.2	4099.6	7332.3	16965.5	31782.1	49186.1	84355.1
10°	3543.4	3442.6	3300.8	3432.0	3843.7	5154.3	9862.0	23556.0	45956.7	82140.3	129543.6
7.5°	3473.2	3387.3	3347.4	3579.0	4127.1	6826.1	15330.1	33318.0	65874.9	112536.2	179244.7
5°	3427.9	3370.5	3379.1	3675.6	4306.2	8055.4	19194.6	39459.3	81711.6	141930.9	226798.5
2.5°	3425.2	3391.1	3406.2	3742.7	4407.1	8684.7	21371.6	40482.0	87274.5	157919.8	265708.6
0°	3461.9	3439.6	3426.3	3756.0	4358.9	8068.9	20504.1	42125.1	91090.9	165133.5	282612.7
-2.5°	3633.0	3450.6	3443.0	3755.2	4412.2	8526.9	21011.9	41557.7	89713.5	158466.4	264479.0
-5°	3592.1	3385.8	3353.0	3615.1	4228.5	7678.6	18395.2	38379.6	78803.9	134744.8	217992.7
-7.5°	3429.7	3292.0	3233.5	3442.1	3975.5	6444.9	14265.8	30301.2	59340.8	101565.6	157086.6
-10°	3297.7	3206.8	3120.3	3264.8	3670.2	4925.3	9094.2	20328.2	40364.1	69066.7	100862.5
-12.5°	3228.4	3185.4	3029.5	3069.8	3353.1	3909.8	6363.4	13740.5	25278.2	37504.0	61265.5
-15°	3179.2	3146.7	3000.6	2991.0	3149.2	3478.3	4192.0	7127.2	14135.8	22937.3	32369.0
-17.5°	3134.8	3122.9	3045.6	2961.6	2981.3	3172.1	3565.1	4607.3	7229.0	12823.6	18919.9
-20°	3156.2	3163.1	3104.1	3016.4	2985.1	3009.8	3213.9	3573.1	4237.1	6498.9	9260.7



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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°	3149.5	3169.6	3153.8	3160.1	3122.4	3065.0	3024.6	3181.4	3432.6	3834.8	4856.4
-25°	3148.8	3176.6	3294.4	3445.5	3429.8	3292.8	3149.4	3025.1	3168.9	3342.6	3596.1
-27.5°	3102.2	3282.5	3576.1	3798.7	3862.6	3712.5	3511.8	3303.0	3280.1	3274.6	3372.1
-30°	3086.9	3474.2	3820.6	4138.0	4182.7	4107.0	4014.2	3865.4	3705.6	3617.2	3570.1
-32.5°	2621.0	3558.9	3982.5	4267.9	4338.6	4335.3	4356.2	4285.6	4235.7	4178.5	4097.8
-35°	1989.9	2974.1	4011.0	4142.7	4257.7	4360.2	4497.5	4532.6	4560.3	4591.9	4620.1
-37.5°	1389.6	2156.7	3018.3	3770.0	4008.9	4187.2	4430.4	4608.8	4757.2	4830.7	4919.1
-40°	1151.1	1363.1	2030.6	2665.9	3291.9	3869.3	4131.2	4435.1	4719.3	4877.2	5021.7
-42.5°	1127.5	1202.9	1283.1	1726.2	2256.1	2801.0	3336.3	3821.7	4338.8	4683.5	4937.2
-45°	1135.1	1173.2	1220.0	1297.8	1380.8	1796.7	2245.3	2703.2	3268.3	3820.4	4302.3
-47.5°	1134.1	1168.9	1206.0	1243.6	1293.1	1370.7	1450.4	1580.0	1980.7	2404.4	2814.4
-50°	1094.8	1165.5	1200.1	1235.3	1271.3	1309.7	1349.9	1406.8	1474.6	1538.2	1589.6
-52.5°	995.7	1079.0	1159.0	1226.1	1259.2	1292.9	1328.6	1376.0	1420.5	1462.2	1483.9
-55°	883.5	966.5	1047.6	1119.6	1187.6	1253.1	1313.9	1357.3	1401.8	1446.9	1465.5
-57.5°	754.6	838.4	918.8	986.0	1053.9	1121.7	1184.8	1245.2	1305.5	1362.6	1394.5
-60°	617.5	687.4	759.4	828.3	894.3	957.0	1015.6	1072.9	1127.7	1175.7	1205.9
-62.5°	482.7	537.8	598.6	658.4	716.3	772.3	826.4	877.9	926.5	967.5	996.0
-65°	369.5	410.6	452.5	495.6	539.6	587.8	633.2	676.2	716.4	749.7	774.5
-67.5°	251.0	286.6	320.4	352.3	384.6	418.6	453.1	485.6	515.8	540.3	559.6
-70°	150.9	173.1	194.6	217.6	243.5	268.2	292.6	315.6	337.1	353.9	366.5
-72.5°	82.3	90.3	100.9	118.6	134.9	150.0	163.8	176.4	187.6	196.8	204.4
-75°	50.1	54.1	60.6	66.9	72.9	78.7	84.2	89.2	93.8	97.7	100.9
-77.5°	38.3	40.5	42.5	44.5	46.3	48.3	50.3	52.1	53.7	55.2	56.6
-80°	30.6	31.8	33.0	34.1	35.2	36.4	37.7	38.9	40.1	41.0	41.7
-82.5°	23.3	24.5	25.6	26.6	27.6	28.3	28.9	29.6	30.3	30.9	31.5
-85°	17.7	18.5	19.4	20.3	21.2	21.4	21.7	21.8	22.0	22.5	22.9
-87.5°	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.7	18.1	18.5
-90°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305737 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-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°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.0
87.5°	0.4	0.0	0.7	1.5	0.7	0.0	0.4	0.7	1.1	1.4	1.4
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8
77.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	2.7
75°	3.0	3.0	3.7	4.5	3.7	3.0	3.0	3.0	3.0	3.1	3.6
72.5°	6.1	5.9	5.9	5.9	5.9	5.9	6.1	6.3	6.4	6.5	6.9
70°	9.7	10.2	10.4	10.4	10.4	10.2	9.7	9.2	8.8	8.8	9.7
67.5°	10.8	10.5	9.0	7.4	9.0	10.5	10.8	11.0	11.1	11.5	12.3
65°	9.1	9.0	8.2	7.4	8.2	9.0	9.1	9.3	9.6	10.6	12.2
62.5°	7.6	7.5	7.4	7.4	7.4	7.5	7.6	7.7	7.8	8.7	10.0
60°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.9	8.6
57.5°	8.2	8.7	8.9	8.9	8.9	8.7	8.2	7.8	7.4	7.8	8.2
55°	9.6	10.1	10.4	10.4	10.4	10.1	9.6	9.0	8.4	8.6	8.7
52.5°	10.9	10.6	10.9	11.9	10.9	10.6	10.9	10.9	10.7	10.4	10.3
50°	13.0	13.2	13.4	13.4	13.4	13.2	13.0	12.9	12.8	12.7	12.2
47.5°	16.4	16.3	16.2	16.3	16.2	16.3	16.4	16.2	16.3	16.1	15.0
45°	24.3	24.7	25.4	26.7	25.4	24.7	24.3	23.5	30.2	31.4	22.9
42.5°	38.5	39.4	39.8	40.1	39.8	39.4	38.5	36.8	57.0	75.7	84.7
40°	91.7	72.9	54.6	55.0	54.6	72.9	91.7	96.7	90.5	106.6	115.5
37.5°	105.3	95.8	92.0	90.6	92.0	95.8	105.3	119.9	116.9	91.4	107.7
35°	199.5	203.0	198.4	200.5	198.4	203.0	199.5	199.8	189.3	156.5	180.9
32.5°	491.2	511.2	504.1	506.4	504.1	511.2	491.2	477.6	435.1	395.6	380.4
30°	1020.4	1081.6	1095.5	1091.6	1095.5	1081.6	1020.4	981.9	886.4	813.8	717.1
27.5°	1648.2	1696.8	1706.8	1697.5	1706.8	1696.8	1648.2	1618.1	1543.2	1404.4	1211.7
25°	2329.7	2375.9	2402.1	2389.6	2402.1	2375.9	2329.7	2269.0	2159.2	2034.0	1876.2
22.5°	4335.2	4545.7	4648.3	4788.2	4648.3	4545.7	4335.2	3583.8	2934.9	2718.4	2497.4
20°	12785.5	14238.9	13963.5	13663.5	13963.5	14238.9	12785.5	8486.6	6236.4	3880.2	3211.7
17.5°	31914.4	39060.5	42463.3	41078.1	42463.3	39060.5	31914.4	23015.5	15853.5	8200.7	4824.0
15°	65274.1	85240.5	96914.8	93798.3	96914.8	85240.5	65274.1	45206.3	31218.0	18962.8	8716.0
12.5°	118244.6	149977.1	174287.2	177767.1	174287.2	149977.1	118244.6	84355.1	49186.1	31782.1	16965.5
10°	185958.3	244597.1	292921.6	308699.6	292921.6	244597.1	185958.3	129543.6	82140.3	45956.7	23556.0
7.5°	266669.7	344948.5	400680.2	416171.1	400680.2	344948.5	266669.7	179244.7	112536.2	65874.9	33318.0
5°	331401.3	421489.7	483206.1	502162.6	483206.1	421489.7	331401.3	226798.5	141930.9	81711.6	39459.3
2.5°	379887.3	474381.6	543202.1	574648.1	543202.1	474381.6	379887.3	265708.6	157919.8	87274.5	40482.0
0°	398669.9	493893.2	571065.1	615755.1	571065.1	493893.2	398669.9	282612.7	165133.5	91090.9	42125.1
-2.5°	380296.3	468827.2	528254.7	557559.8	528254.7	468827.2	380296.3	264479.0	158466.4	89713.5	41557.7
-5°	316608.8	394947.1	446195.2	466884.1	446195.2	394947.1	316608.8	217992.7	134744.8	78803.9	38379.6
-7.5°	226858.0	291164.3	329364.0	346796.2	329364.0	291164.3	226858.0	157086.6	101565.6	59340.8	30301.2
-10°	147387.4	182981.7	221497.5	229741.0	221497.5	182981.7	147387.4	100862.5	69066.7	40364.1	20328.2
-12.5°	83034.4	105495.0	124637.4	131545.9	124637.4	105495.0	83034.4	61265.5	37504.0	25278.2	13740.5
-15°	44924.3	57721.4	64616.7	66312.4	64616.7	57721.4	44924.3	32369.0	22937.3	14135.8	7127.2
-17.5°	25792.6	31940.0	35457.6	37072.6	35457.6	31940.0	25792.6	18919.9	12823.6	7229.0	4607.3
-20°	13782.9	17251.5	19232.1	20689.8	19232.1	17251.5	13782.9	9260.7	6498.9	4237.1	3573.1



REPORT NUMBER: P1305737 (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°	6330.7	7399.8	8003.9	8686.7	8003.9	7399.8	6330.7	4856.4	3834.8	3432.6	3181.4
-25°	3816.3	3960.2	4046.9	4116.9	4046.9	3960.2	3816.3	3596.1	3342.6	3168.9	3025.1
-27.5°	3455.8	3502.9	3530.1	3558.4	3530.1	3502.9	3455.8	3372.1	3274.6	3280.1	3303.0
-30°	3529.5	3481.7	3465.2	3447.1	3465.2	3481.7	3529.5	3570.1	3617.2	3705.6	3865.4
-32.5°	4016.6	3923.8	3874.1	3827.3	3874.1	3923.8	4016.6	4097.8	4178.5	4235.7	4285.6
-35°	4609.2	4567.5	4545.5	4517.9	4545.5	4567.5	4609.2	4620.1	4591.9	4560.3	4532.6
-37.5°	4933.9	4926.7	4925.4	4911.4	4925.4	4926.7	4933.9	4919.1	4830.7	4757.2	4608.8
-40°	5038.4	5035.5	5028.3	5021.3	5028.3	5035.5	5038.4	5021.7	4877.2	4719.3	4435.1
-42.5°	5004.7	5049.6	5071.1	5071.8	5071.1	5049.6	5004.7	4937.2	4683.5	4338.8	3821.7
-45°	4609.4	4837.7	4970.6	5006.5	4970.6	4837.7	4609.4	4302.3	3820.4	3268.3	2703.2
-47.5°	3179.5	3501.6	3749.9	3906.0	3749.9	3501.6	3179.5	2814.4	2404.4	1980.7	1580.0
-50°	1634.4	1676.3	1718.6	1759.9	1718.6	1676.3	1634.4	1589.6	1538.2	1474.6	1406.8
-52.5°	1501.2	1518.7	1529.6	1535.7	1529.6	1518.7	1501.2	1483.9	1462.2	1420.5	1376.0
-55°	1482.3	1498.4	1506.4	1508.9	1506.4	1498.4	1482.3	1465.5	1446.9	1401.8	1357.3
-57.5°	1421.9	1444.6	1458.2	1464.4	1458.2	1444.6	1421.9	1394.5	1362.6	1305.5	1245.2
-60°	1231.2	1251.3	1264.9	1272.8	1264.9	1251.3	1231.2	1205.9	1175.7	1127.7	1072.9
-62.5°	1019.6	1038.3	1048.8	1053.0	1048.8	1038.3	1019.6	996.0	967.5	926.5	877.9
-65°	795.1	811.3	827.7	840.6	827.7	811.3	795.1	774.5	749.7	716.4	676.2
-67.5°	575.9	588.9	603.3	614.9	603.3	588.9	575.9	559.6	540.3	515.8	485.6
-70°	376.4	383.6	395.4	405.4	395.4	383.6	376.4	366.5	353.9	337.1	315.6
-72.5°	210.6	215.2	223.9	231.7	223.9	215.2	210.6	204.4	196.8	187.6	176.4
-75°	103.6	105.7	106.6	106.9	106.6	105.7	103.6	100.9	97.7	93.8	89.2
-77.5°	57.9	59.0	59.3	59.4	59.3	59.0	57.9	56.6	55.2	53.7	52.1
-80°	42.3	42.9	43.8	44.6	43.8	42.9	42.3	41.7	41.0	40.1	38.9
-82.5°	32.1	32.6	32.7	32.7	32.7	32.6	32.1	31.5	30.9	30.3	29.6
-85°	23.3	23.8	23.8	23.8	23.8	23.8	23.3	22.9	22.5	22.0	21.8
-87.5°	18.9	19.3	19.3	19.3	19.3	19.3	18.9	18.5	18.1	17.7	17.4
-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°	15.6	15.3	14.9	14.5	14.2	13.8	13.4	13.0	12.7	12.3	11.9
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.0	2.1
82.5°	1.5	1.5	1.5	1.8	2.0	2.1	2.2	2.3	2.5	2.7	3.0
80°	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.3	3.1	3.0	3.1
77.5°	2.8	2.9	3.1	3.5	3.8	4.2	4.5	4.4	4.2	4.0	3.8
75°	4.0	4.3	4.5	4.7	4.7	4.5	4.6	4.9	5.0	5.0	4.8
72.5°	7.2	7.5	8.0	8.8	9.0	9.2	8.8	8.1	7.3	6.5	5.8
70°	10.5	11.1	12.6	14.8	16.3	17.0	16.8	15.4	12.7	10.8	9.2
67.5°	13.1	13.8	15.9	19.0	21.4	23.4	25.7	27.1	26.2	23.3	16.4
65°	13.9	15.5	17.3	18.8	21.2	24.9	31.6	35.2	36.6	35.7	28.1
62.5°	11.4	13.1	14.2	15.7	17.6	21.9	31.3	38.7	44.1	43.7	35.1
60°	9.5	10.4	11.2	12.2	13.6	18.2	27.2	37.4	49.1	45.7	38.6
57.5°	8.7	9.2	9.8	10.2	10.4	14.2	21.3	30.9	41.9	41.3	37.5
55°	8.8	9.4	10.0	10.3	10.5	12.4	15.5	21.5	30.1	32.3	30.9
52.5°	10.3	10.4	10.8	11.4	11.7	12.2	13.4	16.9	19.3	22.5	24.1
50°	11.8	11.8	11.7	11.8	12.4	12.7	13.2	14.5	16.1	17.1	17.8
47.5°	14.7	14.5	13.5	13.2	14.0	13.6	13.7	13.9	15.2	15.8	15.9
45°	25.0	23.8	18.3	18.7	18.9	18.3	16.2	17.4	16.5	16.3	16.3
42.5°	61.6	47.8	42.5	34.6	29.3	27.6	24.9	24.9	23.5	19.4	19.5
40°	93.5	76.6	65.8	59.9	50.0	41.9	42.7	35.4	33.3	29.0	27.8
37.5°	109.6	84.6	96.5	91.8	78.8	76.2	75.2	61.6	44.8	53.1	51.1
35°	163.6	154.4	164.5	157.8	129.6	152.6	138.0	107.0	88.1	93.1	85.4
32.5°	333.5	327.1	304.5	281.2	274.6	273.5	248.3	190.0	174.9	162.4	137.8
30°	626.7	580.7	525.0	493.7	483.0	443.3	396.5	405.7	333.2	252.8	207.4
27.5°	1081.3	915.5	834.5	868.8	761.0	672.5	714.8	754.3	562.8	410.7	307.0
25°	1667.1	1427.1	1413.4	1413.0	1248.7	1087.4	1156.1	1160.7	971.5	622.5	442.7
22.5°	2327.5	2089.3	1998.7	2098.1	1907.3	1762.6	1677.0	1615.0	1472.9	1011.6	686.9
20°	2883.9	2674.4	2520.2	2524.6	2553.0	2434.1	2260.8	2095.6	1902.5	1518.4	997.8
17.5°	3551.2	3170.9	2912.1	2855.4	2975.1	2985.6	2775.1	2518.6	2317.6	2041.8	1353.7
15°	4600.1	3648.9	3261.4	3134.3	3206.0	3267.7	3173.9	2909.4	2712.8	2484.5	1767.5
12.5°	7332.3	4099.6	3555.2	3253.3	3241.6	3403.5	3440.4	3273.4	3020.2	2697.4	2058.5
10°	9862.0	5154.3	3843.7	3432.0	3300.8	3442.6	3543.4	3351.8	3072.3	2805.0	2307.8
7.5°	15330.1	6826.1	4127.1	3579.0	3347.4	3387.3	3473.2	3295.6	3088.5	2879.1	2515.3
5°	19194.6	8055.4	4306.2	3675.6	3379.1	3370.5	3427.9	3197.7	3076.2	2926.2	2680.4
2.5°	21371.6	8684.7	4407.1	3742.7	3406.2	3391.1	3425.2	3136.5	3052.7	2911.7	2706.3
0°	20504.1	8068.9	4358.9	3756.0	3426.3	3439.6	3461.9	3123.3	3025.3	2879.7	2692.6
-2.5°	21011.9	8526.9	4412.2	3755.2	3443.0	3450.6	3633.0	3269.7	3106.9	2911.4	2665.9
-5°	18395.2	7678.6	4228.5	3615.1	3353.0	3385.8	3592.1	3312.9	3113.3	2907.5	2597.5
-7.5°	14265.8	6444.9	3975.5	3442.1	3233.5	3292.0	3429.7	3224.7	2977.7	2785.2	2434.2
-10°	9094.2	4925.3	3670.2	3264.8	3120.3	3206.8	3297.7	3094.6	2834.9	2658.8	2245.7
-12.5°	6363.4	3909.8	3353.1	3069.8	3029.5	3185.4	3228.4	2950.8	2686.5	2531.5	2039.0
-15°	4192.0	3478.3	3149.2	2991.0	3000.6	3146.7	3179.2	2930.9	2713.7	2461.9	1820.5
-17.5°	3565.1	3172.1	2981.3	2961.6	3045.6	3122.9	3134.8	2986.6	2772.2	2418.0	1625.5
-20°	3213.9	3009.8	2985.1	3016.4	3104.1	3163.1	3156.2	3060.6	2798.8	2195.0	1408.0



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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°	3024.6	3065.0	3122.4	3160.1	3153.8	3169.6	3149.5	3062.8	2795.4	1885.1	1161.6
-25°	3149.4	3292.8	3429.8	3445.5	3294.4	3176.6	3148.8	2981.6	2397.7	1552.0	927.1
-27.5°	3511.8	3712.5	3862.6	3798.7	3576.1	3282.5	3102.2	2815.3	1921.3	1233.3	906.0
-30°	4014.2	4107.0	4182.7	4138.0	3820.6	3474.2	3086.9	2254.9	1510.8	973.1	882.9
-32.5°	4356.2	4335.3	4338.6	4267.9	3982.5	3558.9	2621.0	1708.0	1103.7	944.6	878.0
-35°	4497.5	4360.2	4257.7	4142.7	4011.0	2974.1	1989.9	1271.7	997.7	920.7	877.0
-37.5°	4430.4	4187.2	4008.9	3770.0	3018.3	2156.7	1389.6	1075.8	971.5	916.4	872.4
-40°	4131.2	3869.3	3291.9	2665.9	2030.6	1363.1	1151.1	1050.5	981.6	910.1	865.9
-42.5°	3336.3	2801.0	2256.1	1726.2	1283.1	1202.9	1127.5	1060.6	991.9	920.1	828.4
-45°	2245.3	1796.7	1380.8	1297.8	1220.0	1173.2	1135.1	1072.1	1003.1	893.7	783.2
-47.5°	1450.4	1370.7	1293.1	1243.6	1206.0	1168.9	1134.1	1081.0	957.9	843.7	734.2
-50°	1349.9	1309.7	1271.3	1235.3	1200.1	1165.5	1094.8	1004.3	888.3	777.8	674.8
-52.5°	1328.6	1292.9	1259.2	1226.1	1159.0	1079.0	995.7	905.2	803.9	700.0	603.5
-55°	1313.9	1253.1	1187.6	1119.6	1047.6	966.5	883.5	796.3	704.9	610.7	521.8
-57.5°	1184.8	1121.7	1053.9	986.0	918.8	838.4	754.6	673.6	597.3	514.3	435.5
-60°	1015.6	957.0	894.3	828.3	759.4	687.4	617.5	549.4	483.6	422.9	362.0
-62.5°	826.4	772.3	716.3	658.4	598.6	537.8	482.7	434.6	386.9	336.4	279.9
-65°	633.2	587.8	539.6	495.6	452.5	410.6	369.5	327.5	284.3	239.9	192.6
-67.5°	453.1	418.6	384.6	352.3	320.4	286.6	251.0	214.6	184.4	155.9	124.3
-70°	292.6	268.2	243.5	217.6	194.6	173.1	150.9	128.0	104.2	88.7	76.1
-72.5°	163.8	150.0	134.9	118.6	100.9	90.3	82.3	73.9	64.5	54.0	46.1
-75°	84.2	78.7	72.9	66.9	60.6	54.1	50.1	46.8	43.7	40.8	38.0
-77.5°	50.3	48.3	46.3	44.5	42.5	40.5	38.3	36.2	34.6	33.0	31.2
-80°	37.7	36.4	35.2	34.1	33.0	31.8	30.6	29.3	27.9	26.6	25.3
-82.5°	28.9	28.3	27.6	26.6	25.6	24.5	23.3	22.5	21.7	20.9	20.2
-85°	21.7	21.4	21.2	20.3	19.4	18.5	17.7	17.5	17.2	17.0	16.7
-87.5°	17.0	16.6	16.2	15.8	15.4	15.0	14.6	14.5	14.4	14.2	14.0
-90°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.5	11.2	10.8	10.4	10.4	10.4	10.4	10.4	9.7	8.9	8.2
87.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.8	3.0	3.1	3.3	3.3
85°	2.3	2.5	2.7	3.0	3.0	3.0	3.0	3.0	3.3	3.5	3.7
82.5°	3.0	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.6	3.8	4.0
80°	3.3	3.5	3.5	3.5	3.6	3.8	4.0	4.1	4.2	4.3	4.4
77.5°	3.8	4.0	4.2	4.3	4.2	4.2	4.3	4.6	4.8	4.8	4.9
75°	4.5	4.4	4.4	4.6	4.6	4.5	4.4	4.6	4.9	5.3	5.3
72.5°	5.5	5.1	4.8	4.7	4.9	4.9	4.7	4.6	5.0	5.3	5.7
70°	7.5	6.2	5.6	5.3	5.3	5.4	5.3	5.1	5.0	5.4	5.7
67.5°	10.4	8.6	7.1	6.1	5.7	5.6	5.8	5.8	5.6	5.4	5.7
65°	20.0	13.5	8.8	7.5	6.5	5.9	5.9	6.2	6.2	5.9	5.8
62.5°	27.5	20.4	14.1	9.6	7.5	6.5	6.0	6.5	6.7	6.4	6.1
60°	32.4	24.6	18.9	13.8	9.6	7.3	6.6	6.7	7.0	6.9	6.5
57.5°	31.1	26.9	22.7	17.5	12.5	8.7	7.4	7.3	7.4	7.4	7.0
55°	27.3	23.9	24.8	21.1	15.3	10.6	8.6	8.0	7.9	7.8	7.4
52.5°	22.4	22.5	24.5	23.6	18.7	12.7	10.4	8.8	8.5	8.3	7.9
50°	18.1	21.4	24.3	25.1	21.9	16.4	12.0	10.1	9.2	8.8	8.4
47.5°	16.4	20.3	23.4	26.5	24.6	19.9	14.7	11.5	9.8	9.4	8.9
45°	18.2	19.8	22.8	25.7	27.5	22.7	17.7	12.8	10.9	10.0	9.5
42.5°	21.9	22.3	23.1	25.0	27.3	24.9	20.5	15.1	11.9	10.5	10.0
40°	27.5	26.9	24.9	26.9	27.3	26.8	22.4	17.4	12.9	11.2	10.5
37.5°	34.9	33.4	30.1	32.0	29.2	27.5	23.9	19.6	14.3	12.1	10.9
35°	63.1	41.8	47.1	44.4	36.4	28.9	25.1	21.3	16.4	13.1	11.4
32.5°	99.2	78.5	83.0	65.3	46.0	30.9	26.5	23.1	18.4	14.1	11.8
30°	166.5	164.9	137.5	92.0	61.0	39.9	29.3	25.2	20.3	15.1	12.4
27.5°	280.6	269.9	212.8	142.5	86.6	51.7	33.8	27.7	22.2	16.3	13.2
25°	397.7	379.0	314.7	211.1	116.0	80.3	39.2	30.5	24.1	17.8	13.9
22.5°	523.6	484.5	429.0	291.0	165.6	118.5	53.7	34.7	26.2	19.2	14.7
20°	647.5	588.8	544.4	359.7	227.3	162.8	81.2	39.3	28.4	20.6	15.5
17.5°	796.4	672.1	590.1	427.5	289.0	207.5	113.7	44.2	30.7	21.8	16.2
15°	1029.7	727.5	630.4	487.2	342.5	252.2	149.9	49.3	33.1	22.9	16.8
12.5°	1242.1	779.0	670.3	539.1	388.5	296.5	188.7	54.4	35.5	24.0	17.4
10°	1440.9	826.4	709.0	583.5	428.0	340.0	228.6	59.5	37.7	25.0	17.9
7.5°	1621.1	869.5	745.9	620.8	458.3	367.8	253.4	64.5	39.7	26.0	18.3
5°	1756.9	901.2	773.5	637.6	466.0	377.3	272.0	69.2	41.6	26.8	18.7
2.5°	1769.7	917.2	794.2	646.7	471.2	383.8	286.1	73.4	43.2	27.6	19.0
0°	1743.6	928.2	810.9	650.5	473.8	387.6	295.5	77.2	44.6	28.2	19.3
-2.5°	1718.7	928.6	812.4	662.0	495.2	398.9	305.9	99.3	58.9	36.2	23.0
-5°	1662.8	924.9	809.7	669.1	513.3	408.0	312.2	120.3	72.5	43.9	26.6
-7.5°	1567.7	907.2	798.1	671.1	527.5	414.9	315.2	139.8	85.2	51.0	29.9
-10°	1441.1	879.4	775.6	660.6	534.1	423.9	316.3	157.3	96.7	57.4	32.8
-12.5°	1286.2	848.7	752.6	650.2	538.3	434.6	319.3	172.0	106.7	62.9	35.3
-15°	1104.4	815.3	730.4	641.2	541.3	443.1	319.3	184.1	115.8	68.2	37.3
-17.5°	903.4	779.7	709.9	634.9	543.5	449.7	316.6	193.4	123.1	73.3	39.6
-20°	861.4	763.1	692.7	632.3	545.5	454.3	311.5	199.7	128.7	77.0	41.9



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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°	847.6	764.8	698.2	630.3	547.2	456.9	304.2	202.9	132.2	79.3	43.1
-25°	831.3	768.2	706.6	630.0	546.9	444.0	300.8	202.7	133.7	80.1	43.4
-27.5°	828.2	773.6	714.1	623.8	537.5	429.3	299.4	203.7	133.6	79.1	42.6
-30°	833.6	779.9	706.6	611.4	523.9	405.1	293.6	202.1	132.3	77.7	40.6
-32.5°	835.6	785.8	688.5	593.3	498.0	379.7	280.1	197.5	128.7	75.3	39.5
-35°	832.5	765.7	663.3	570.1	467.3	359.6	264.3	190.0	122.6	71.3	38.3
-37.5°	825.4	729.4	633.3	539.8	436.1	336.5	250.1	177.9	114.1	65.5	36.3
-40°	784.2	691.2	598.6	505.1	406.5	310.4	233.0	163.8	105.2	58.0	33.6
-42.5°	740.8	649.8	559.0	469.4	374.9	288.4	213.4	147.1	93.8	52.4	30.1
-45°	692.2	603.8	515.2	427.3	341.3	263.5	191.9	128.5	80.4	47.4	27.2
-47.5°	638.8	552.1	465.3	380.6	309.5	235.6	167.3	111.5	65.7	41.4	26.1
-50°	578.8	493.7	409.3	337.3	272.0	204.4	141.3	92.6	57.4	34.3	24.8
-52.5°	512.4	427.2	356.8	294.0	230.8	170.0	117.6	72.9	48.2	30.7	23.3
-55°	436.4	367.1	307.4	245.8	186.4	138.0	91.8	61.2	38.1	28.7	21.7
-57.5°	371.0	311.3	250.9	193.0	145.8	105.0	72.3	48.5	33.7	26.4	20.5
-60°	303.6	244.6	189.1	146.2	107.6	77.9	56.5	38.2	30.8	24.2	19.3
-62.5°	225.4	176.3	138.4	102.4	77.3	58.3	41.9	34.5	27.6	22.7	18.0
-65°	156.2	121.5	90.3	72.5	55.2	42.1	37.2	30.6	25.6	21.1	16.9
-67.5°	94.1	78.8	63.2	47.6	41.1	36.8	32.2	28.0	23.8	19.5	16.2
-70°	62.9	49.4	42.8	39.3	35.6	31.8	29.2	26.0	21.9	18.5	15.5
-72.5°	42.9	39.7	36.7	33.6	30.9	28.5	26.4	23.8	20.4	17.3	14.7
-75°	35.4	33.2	31.1	28.8	26.8	25.0	23.7	21.8	18.8	16.1	13.6
-77.5°	29.5	27.6	25.7	24.3	23.3	22.2	21.0	19.6	17.1	14.7	12.4
-80°	24.1	23.0	22.0	21.0	20.1	19.3	18.6	17.7	15.5	13.3	11.1
-82.5°	19.5	19.0	18.5	18.1	17.6	17.1	16.6	16.0	13.9	11.9	10.1
-85°	16.4	16.2	15.9	15.5	15.2	14.9	14.6	14.2	12.5	10.9	9.5
-87.5°	13.8	13.6	13.3	13.0	12.8	12.6	12.5	12.3	11.1	9.9	8.8
-90°	1.5	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.0	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.4	6.7	6.0	5.2	4.5	4.5	4.5
87.5°	3.4	3.6	3.9	4.2	4.5	4.5	4.5
85°	3.8	3.9	4.0	4.2	4.5	4.6	4.5
82.5°	4.2	4.1	4.1	4.3	4.5	4.6	4.5
80°	4.5	4.3	4.3	4.3	4.5	4.6	4.5
77.5°	4.9	4.6	4.4	4.4	4.5	4.7	4.5
75°	5.3	4.9	4.5	4.4	4.5	4.7	4.5
72.5°	5.6	5.2	4.8	4.5	4.5	4.7	4.5
70°	5.9	5.5	5.0	4.5	4.6	4.8	4.5
67.5°	5.9	5.8	5.2	4.7	4.6	4.8	4.5
65°	6.0	6.0	5.5	4.9	4.6	4.8	4.5
62.5°	6.1	6.1	5.7	5.0	4.6	4.9	4.5
60°	6.2	6.2	5.9	5.2	4.7	4.9	4.5
57.5°	6.5	6.3	6.0	5.4	4.8	4.9	4.5
55°	6.9	6.5	6.2	5.5	5.0	5.0	4.5
52.5°	7.3	6.7	6.4	5.7	5.1	5.0	4.5
50°	7.7	7.0	6.5	5.8	5.2	5.1	4.5
47.5°	8.0	7.3	6.7	5.9	5.4	5.1	4.5
45°	8.5	7.6	6.9	6.1	5.5	5.1	4.5
42.5°	9.0	7.9	7.1	6.2	5.6	5.2	4.5
40°	9.5	8.2	7.3	6.4	5.8	5.2	4.5
37.5°	10.0	8.4	7.5	6.6	5.9	5.3	4.5
35°	10.5	8.8	7.7	6.8	6.0	5.3	4.5
32.5°	11.0	9.2	7.9	7.0	6.1	5.4	4.5
30°	11.4	9.6	8.1	7.2	6.3	5.4	4.5
27.5°	11.7	10.0	8.3	7.3	6.4	5.5	4.5
25°	12.1	10.4	8.6	7.5	6.5	5.5	4.5
22.5°	12.4	10.8	8.8	7.7	6.6	5.5	4.5
20°	12.8	11.0	9.0	7.9	6.7	5.6	4.5
17.5°	13.1	11.3	9.2	8.0	6.8	5.6	4.5
15°	13.3	11.5	9.4	8.2	6.9	5.7	4.5
12.5°	13.6	11.6	9.6	8.3	7.0	5.7	4.5
10°	13.9	11.7	9.8	8.4	7.1	5.8	4.5
7.5°	14.2	11.8	10.0	8.6	7.2	5.8	4.5
5°	14.4	11.9	10.1	8.7	7.3	5.8	4.5
2.5°	14.7	11.9	10.3	8.8	7.3	5.9	4.5
0°	14.9	11.9	10.4	8.9	7.4	5.9	4.5
-2.5°	16.3	12.5	10.7	9.0	7.5	5.9	4.5
-5°	17.6	13.2	10.9	9.1	7.5	6.0	4.5
-7.5°	18.8	13.7	11.1	9.2	7.6	6.0	4.5
-10°	19.9	14.3	11.3	9.2	7.6	6.0	4.5
-12.5°	20.9	14.8	11.5	9.3	7.7	6.0	4.5
-15°	21.7	15.2	11.7	9.3	7.7	6.0	4.5
-17.5°	22.4	15.5	11.8	9.4	7.7	6.1	4.5
-20°	23.1	15.8	11.9	9.4	7.7	6.1	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.9	16.0	11.9	9.4	7.7	6.1	4.5
-25°	24.3	16.1	11.9	9.4	7.8	6.1	4.5
-27.5°	24.3	16.2	11.9	9.4	7.8	6.0	4.5
-30°	23.7	16.2	11.8	9.4	7.7	6.0	4.5
-32.5°	22.7	16.1	11.8	9.4	7.7	6.0	4.5
-35°	22.2	15.9	11.7	9.4	7.7	6.0	4.5
-37.5°	21.9	15.6	11.6	9.3	7.7	6.0	4.5
-40°	21.4	15.5	11.5	9.3	7.7	5.9	4.5
-42.5°	20.8	15.2	11.4	9.3	7.6	5.9	4.5
-45°	20.0	14.9	11.3	9.2	7.6	5.9	4.5
-47.5°	19.1	14.5	11.3	9.2	7.5	5.8	4.5
-50°	18.4	14.0	11.2	9.1	7.5	5.8	4.5
-52.5°	17.7	13.5	11.1	9.0	7.4	5.7	4.5
-55°	16.9	13.2	10.9	8.9	7.3	5.7	4.5
-57.5°	16.0	12.9	10.7	8.8	7.3	5.6	4.5
-60°	15.1	12.7	10.5	8.6	7.2	5.5	4.5
-62.5°	14.7	12.4	10.2	8.4	7.0	5.5	4.5
-65°	14.2	12.0	9.9	8.2	6.8	5.4	4.5
-67.5°	13.7	11.5	9.5	8.0	6.6	5.3	4.5
-70°	13.1	10.9	9.1	7.8	6.4	5.2	4.5
-72.5°	12.2	10.2	8.6	7.5	6.2	5.1	4.5
-75°	11.2	9.5	8.2	7.2	6.0	5.0	4.5
-77.5°	10.1	8.8	7.8	6.8	5.7	5.0	4.5
-80°	9.0	8.2	7.4	6.5	5.5	4.9	4.5
-82.5°	8.5	7.9	7.1	6.2	5.3	4.8	4.5
-85°	8.2	7.5	6.7	5.9	5.0	4.7	4.5
-87.5°	7.8	7.1	6.3	5.6	4.8	4.6	4.5
-90°	3.0	3.4	3.8	4.1	4.5	4.5	4.5

(END OF REPORT)