

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: P1306046 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

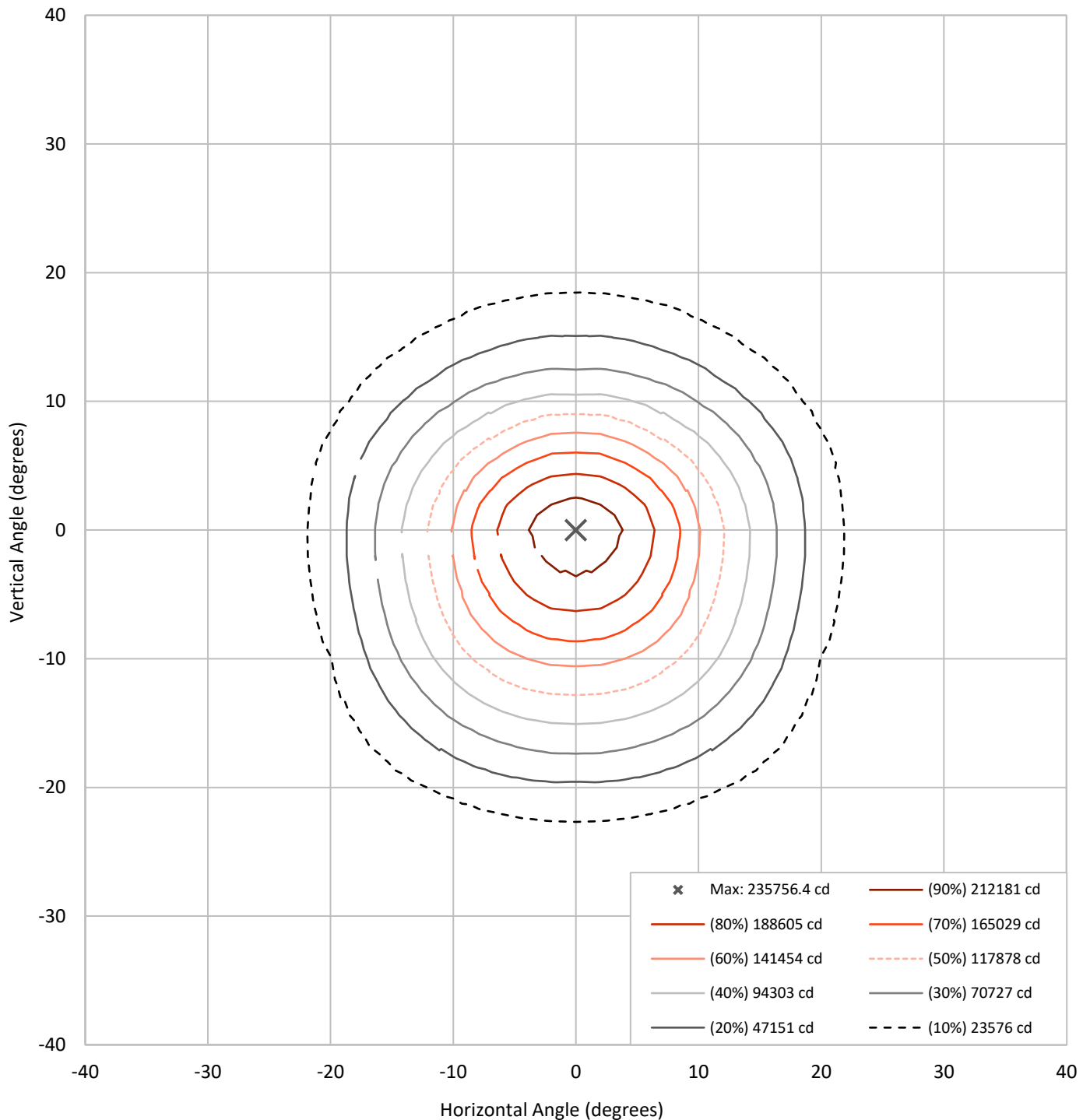
Test Method: LM-79-08
Report Number: P1306046 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	46535.5 lumens	Max Intensity:	235756.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	21085.9 lumens	Field Lumens:	39903.3 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	334		
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





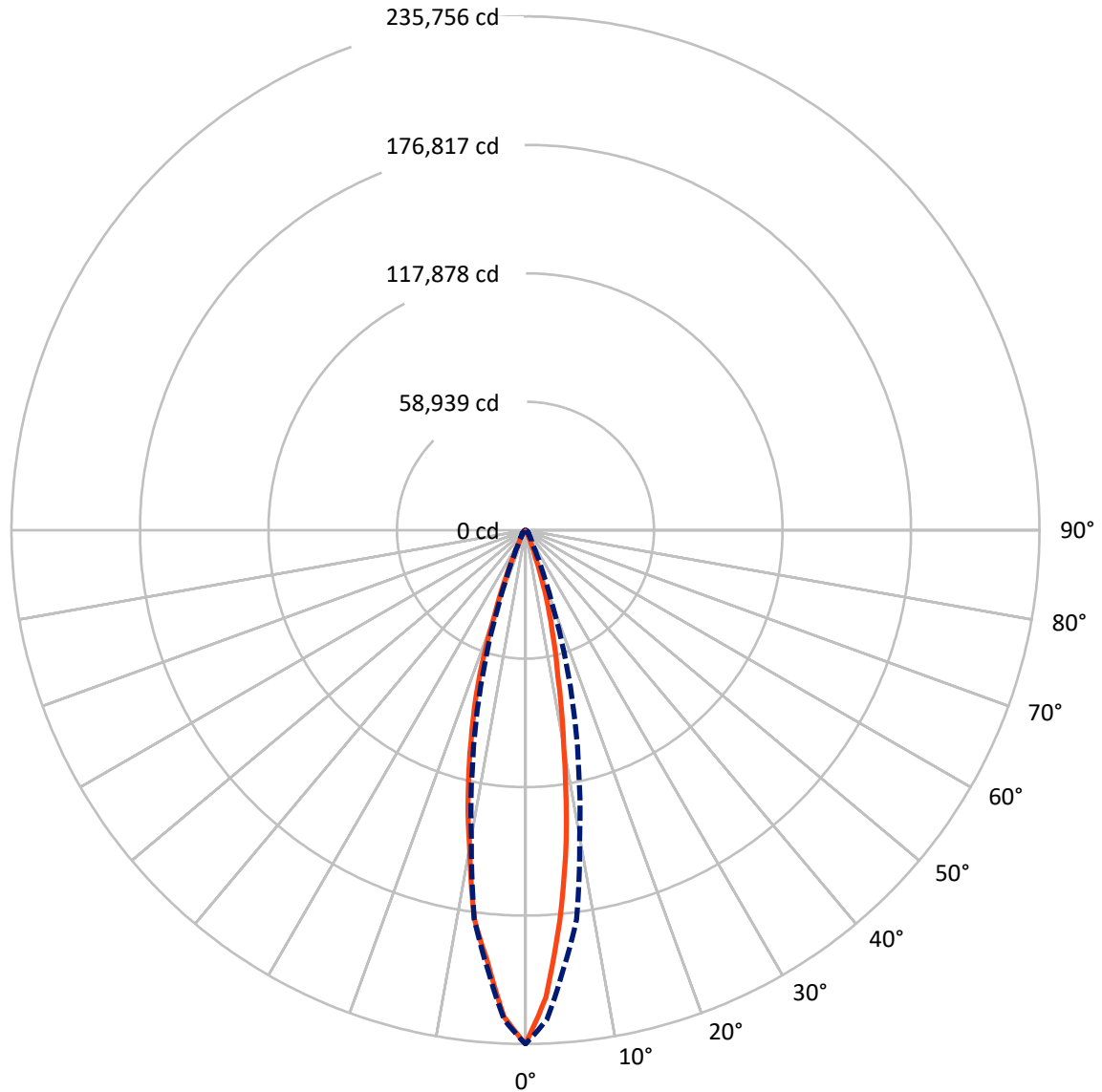
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Lumen Table

90	0.1	0.4		0.5		0.4		0.3		0.4		0.5		0.4		0.1			
80	0.1	0.4		0.5		0.4		0.3		0.4		0.5		0.4		0.1			
70	0.2	0.1	0.1	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.1	0.1	0.2			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.2	0.1	0.3	0.3	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.3	0.3	0.1	0.2			
40		0.1	0.6	1.3	2.5	3.9	5.0	6.0	6.0	5.0	3.9	2.5	1.3	0.6	0.1				
30	0.2	0.3	1.9	6.2	16.2	27.9	64.0	133.6	133.6	64.0	27.9	16.2	6.2	1.9	0.3	0.2			
20		0.6	4.6	16.5	40.8	111.7	587.2	1378.8	1378.8	587.2	111.7	40.8	16.5	4.6	0.6				
10	0.2	1.2	8.1	30.9	74.6	336.3	2027.0	4637.1	4637.1	2027.0	336.3	74.6	30.9	8.1	1.2	0.2			
0		2.0	10.7	37.4	85.6	363.0	2339.2	5271.4	5271.4	2339.2	363.0	85.6	37.4	10.7	2.0				
-10	0.4	2.4	10.9	35.5	78.6	211.6	1196.1	2618.8	2618.8	1196.1	211.6	78.6	35.5	10.9	2.4	0.4			
-20		2.2	9.1	23.2	54.1	95.5	219.3	446.8	446.8	219.3	95.5	54.1	23.2	9.1	2.2				
-30	0.3	1.9	6.5	14.2	31.4	56.1	77.7	94.0	94.0	77.7	56.1	31.4	14.2	6.5	1.9	0.3			
-40		1.3	4.6	10.0	18.0	31.0	50.3	65.5	65.5	50.3	31.0	18.0	10.0	4.6	1.3				
-50	0.2	0.7	2.8	6.5	11.8	17.7	23.1	26.5	26.5	23.1	17.7	11.8	6.5	2.8	0.7	0.2			
-60		0.2	1.1	3.3	6.6	10.6	14.6	17.1	17.1	14.6	10.6	6.6	3.3	1.1	0.2				
-70	0.1	0.6		2.3		6.4		9.2		6.4		2.3		0.6		0.1			
-80		0.6		2.3		6.4		9.2		6.4		2.3		0.6					
-90	0.1	0.6		2.3		6.4		9.2		6.4		2.3		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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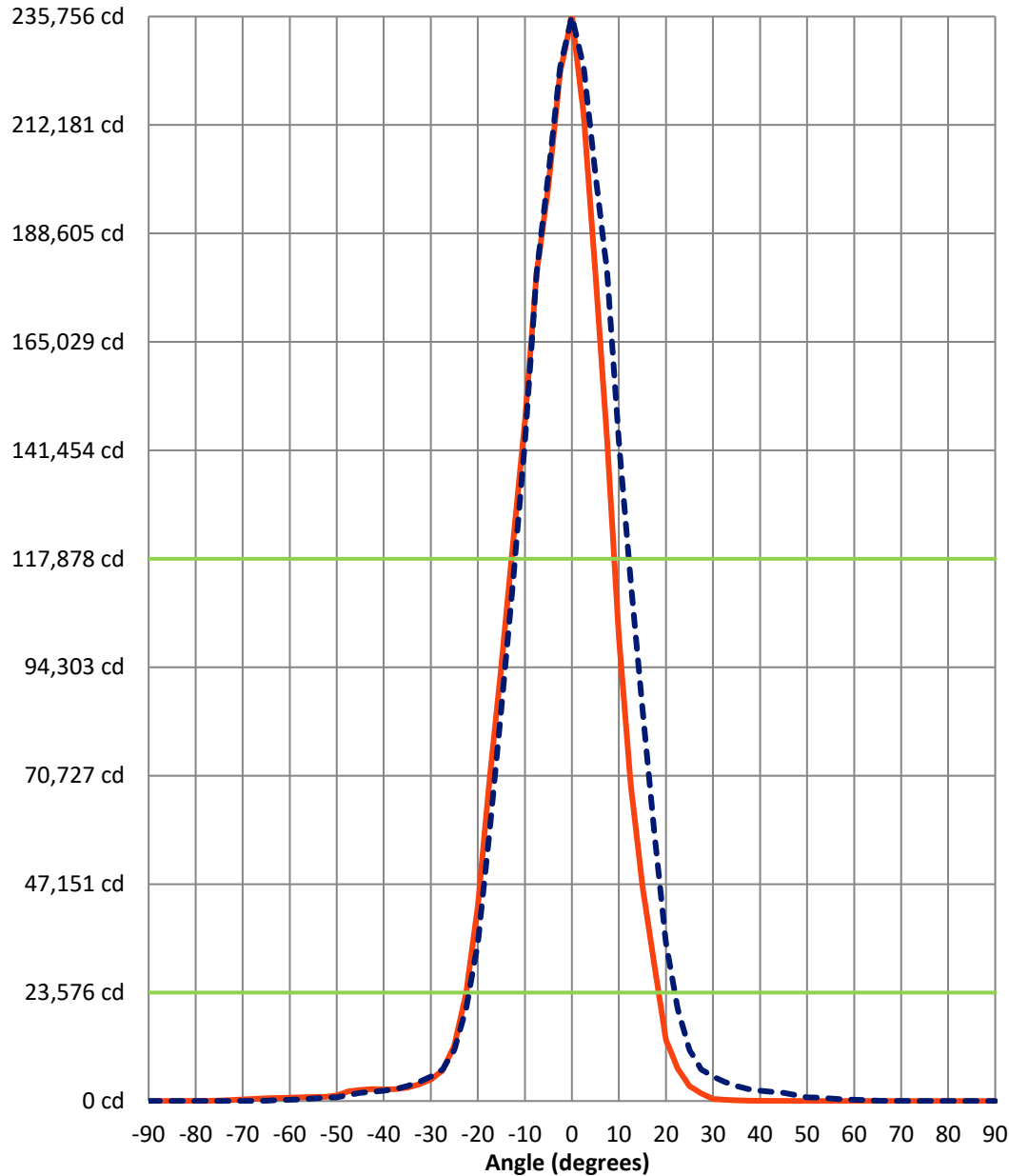
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 21085.9
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 39903.3
 Efficiency: 85.7%

Spill:
 Lumens: 6632.2
 Efficiency: 14.3%

— 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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	7.0	7.3
87.5°	6.1	6.1	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1
85°	6.1	6.2	6.3	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1
82.5°	6.1	6.2	6.4	6.5	6.4	6.3	6.1	6.1	6.1	6.1	6.1
80°	6.1	6.2	6.5	6.6	6.5	6.4	6.2	6.3	6.3	6.3	6.1
77.5°	6.1	6.2	6.6	6.7	6.6	6.5	6.5	6.6	6.6	6.4	6.2
75°	6.1	6.2	6.7	6.8	6.8	6.7	6.8	6.9	6.8	6.5	6.2
72.5°	6.1	6.3	6.8	6.9	6.9	6.9	7.1	7.1	6.8	6.5	6.2
70°	6.1	6.3	6.9	7.1	7.0	7.1	7.3	7.1	6.8	6.5	6.3
67.5°	6.1	6.3	6.9	7.1	7.1	7.2	7.3	7.2	6.9	6.6	6.3
65°	6.1	6.3	7.0	7.1	7.1	7.3	7.3	7.2	6.9	6.6	6.5
62.5°	6.1	6.3	7.1	7.2	7.2	7.3	7.3	7.2	7.0	6.7	6.9
60°	6.1	6.4	7.1	7.2	7.3	7.3	7.3	7.3	7.0	7.0	7.2
57.5°	6.1	6.4	7.1	7.2	7.3	7.3	7.3	7.3	7.1	7.2	7.3
55°	6.1	6.4	7.1	7.3	7.3	7.3	7.3	7.3	7.2	7.3	7.3
52.5°	6.1	6.4	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
50°	6.1	6.4	7.1	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.8
47.5°	6.1	6.4	7.1	7.3	7.3	7.3	7.3	7.5	7.3	7.3	8.4
45°	6.1	6.4	7.1	7.3	7.3	7.3	7.4	7.6	7.4	7.7	8.8
42.5°	6.1	6.4	7.1	7.3	7.3	7.3	7.5	7.7	7.4	8.0	9.3
40°	6.1	6.4	7.1	7.3	7.3	7.3	7.7	7.7	7.6	8.3	9.6
37.5°	6.1	6.4	7.1	7.3	7.3	7.3	7.8	7.8	8.0	8.7	9.8
35°	6.1	6.4	7.1	7.3	7.3	7.4	8.0	7.9	8.3	9.2	9.8
32.5°	6.1	6.4	7.1	7.3	7.3	7.5	8.1	7.9	8.6	9.8	10.7
30°	6.1	6.4	7.1	7.3	7.3	7.6	8.2	8.1	8.9	10.4	11.8
27.5°	6.1	6.3	7.2	7.3	7.3	7.8	8.3	8.3	9.3	11.1	13.1
25°	6.1	6.3	7.2	7.3	7.3	7.9	8.3	8.6	9.9	12.1	14.7
22.5°	6.1	6.3	7.2	7.3	7.3	8.0	8.4	8.8	10.4	13.3	18.0
20°	6.1	6.3	7.2	7.3	7.3	8.1	8.5	9.0	11.0	14.6	21.1
17.5°	6.1	6.3	7.2	7.3	7.3	8.2	8.6	9.2	11.6	16.0	24.1
15°	6.1	6.3	7.2	7.3	7.3	8.3	8.7	9.5	12.2	17.4	27.0
12.5°	6.1	6.2	7.3	7.3	7.3	8.4	8.8	9.8	13.3	18.9	29.7
10°	6.1	6.2	7.3	7.3	7.3	8.4	9.0	10.0	14.7	21.8	34.5
7.5°	6.1	6.2	7.3	7.3	7.3	8.4	9.2	10.3	16.2	24.9	44.2
5°	6.1	6.2	7.3	7.3	7.3	8.5	9.4	10.5	17.7	28.1	54.3
2.5°	6.1	6.1	7.3	7.3	7.3	8.5	9.5	10.7	19.2	31.1	64.3
0°	6.1	6.1	7.3	7.3	7.3	8.5	9.7	10.9	20.6	34.0	74.0
-2.5°	6.1	6.1	7.3	7.3	7.3	8.5	10.7	14.5	27.4	45.2	90.0
-5°	6.1	6.1	7.3	7.3	7.3	8.5	11.6	18.0	33.8	55.8	104.8
-7.5°	6.1	6.1	7.3	7.3	7.3	8.4	12.4	21.3	39.9	65.9	118.4
-10°	6.1	6.1	7.3	7.3	7.3	8.4	13.1	24.2	45.3	75.0	130.3
-12.5°	6.1	6.1	7.2	7.3	7.3	8.4	13.7	26.6	50.1	83.0	138.7
-15°	6.1	6.1	7.2	7.3	7.3	8.3	14.0	28.5	54.3	89.4	144.5
-17.5°	6.1	6.1	7.2	7.3	7.3	8.2	14.2	30.3	58.1	94.8	148.6
-20°	6.1	6.1	7.2	7.3	7.3	8.1	14.4	31.9	60.9	99.1	151.0



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 CATALOG NUMBER: EPH-08-320N-50-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.1	6.1	7.1	7.3	7.3	8.0	14.8	32.6	62.5	102.2	151.6
-25°	6.1	6.1	7.1	7.3	7.3	8.2	14.8	32.6	63.0	104.0	150.3
-27.5°	6.1	6.1	7.0	7.3	7.3	8.3	14.4	31.8	62.2	104.6	151.7
-30°	6.1	6.1	7.0	7.3	7.3	8.4	13.6	30.0	60.9	103.5	151.6
-32.5°	6.1	6.1	6.9	7.3	7.4	8.4	12.3	28.8	58.8	100.7	149.9
-35°	6.1	6.1	6.9	7.3	7.5	8.3	11.8	27.2	55.4	96.0	146.5
-37.5°	6.1	6.1	6.8	7.3	7.6	8.3	11.6	24.9	50.7	89.6	135.6
-40°	6.1	6.1	6.7	7.3	7.7	8.4	11.4	21.9	44.7	82.6	123.1
-42.5°	6.1	6.1	6.7	7.3	7.7	8.4	11.0	18.2	39.5	72.7	109.9
-45°	6.1	6.1	6.6	7.3	7.8	8.5	10.4	15.3	34.4	61.7	96.0
-47.5°	6.1	6.1	6.5	7.4	7.8	8.5	9.7	14.4	28.2	50.0	82.7
-50°	6.1	6.1	6.4	7.3	7.8	8.5	9.5	13.3	21.0	41.7	68.5
-52.5°	6.1	6.1	6.4	7.2	7.8	8.5	9.5	12.0	17.5	32.7	53.8
-55°	6.1	6.1	6.3	7.1	7.8	8.5	9.4	10.7	15.6	23.2	42.9
-57.5°	6.1	6.1	6.2	7.0	7.8	8.4	9.3	10.5	13.6	19.1	31.4
-60°	6.1	6.1	6.1	6.9	7.7	8.3	9.2	10.3	11.7	16.4	22.1
-62.5°	6.1	6.1	6.1	6.8	7.6	8.3	9.1	10.0	11.3	13.5	18.7
-65°	6.1	6.1	6.1	6.6	7.4	8.1	8.9	9.7	10.7	12.2	15.0
-67.5°	6.1	6.1	6.1	6.5	7.2	8.0	8.7	9.4	10.1	11.4	13.1
-70°	6.1	6.1	6.1	6.4	7.1	7.7	8.4	9.0	9.6	10.5	11.8
-72.5°	6.1	6.1	6.1	6.3	6.9	7.5	8.2	8.6	9.1	9.8	10.6
-75°	6.1	6.1	6.1	6.3	6.7	7.3	7.9	8.2	8.6	9.1	9.7
-77.5°	6.1	6.1	6.1	6.3	6.6	7.1	7.6	7.9	8.1	8.4	8.7
-80°	6.1	6.1	6.1	6.2	6.5	6.9	7.3	7.5	7.7	7.9	8.1
-82.5°	6.1	6.1	6.1	6.2	6.4	6.7	7.0	7.2	7.3	7.5	7.6
-85°	6.1	6.1	6.1	6.2	6.3	6.5	6.7	6.9	7.1	7.2	7.3
-87.5°	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.7	6.9	7.1	7.3
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1



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 CATALOG NUMBER: EPH-08-320N-50-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.0	6.7	6.4	6.1	6.1	6.1	6.1	6.1	5.8	5.5	5.2
87.5°	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9	4.6	4.3	3.9
85°	5.8	5.5	5.3	5.1	5.1	5.1	5.0	4.9	4.6	4.3	3.9
82.5°	5.9	5.8	5.8	5.8	5.7	5.5	5.2	4.9	4.6	4.3	4.0
80°	6.1	6.1	6.1	6.1	5.9	5.6	5.3	5.0	4.6	4.3	4.0
77.5°	6.1	6.1	6.1	6.1	5.9	5.6	5.3	5.0	4.7	4.3	4.0
75°	6.1	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.2	5.1	5.0
72.5°	6.1	6.1	6.1	6.1	6.0	5.9	5.9	6.0	6.2	6.3	6.2
70°	6.1	6.1	6.2	6.2	6.1	6.2	6.7	7.4	8.0	8.5	10.1
67.5°	6.2	6.4	6.5	6.4	6.6	7.2	7.9	11.2	15.1	16.9	17.9
65°	6.7	6.9	6.8	7.0	7.3	9.5	13.1	17.8	22.9	24.1	23.9
62.5°	7.2	7.1	7.2	7.9	9.7	12.9	17.8	23.2	28.9	27.8	24.1
60°	7.3	7.3	8.1	9.9	12.4	16.7	22.3	25.0	26.8	26.8	22.0
57.5°	7.3	7.9	9.6	12.1	15.8	19.4	20.7	22.2	23.5	24.3	19.1
55°	7.6	8.9	11.1	14.6	17.4	17.0	17.6	18.6	19.5	18.5	13.7
52.5°	8.4	10.0	12.9	16.0	16.5	15.2	14.3	15.1	14.4	12.5	10.4
50°	9.1	11.3	14.2	16.2	15.8	13.7	11.8	12.1	11.6	10.1	8.8
47.5°	10.0	12.4	15.3	16.5	14.8	13.4	11.8	11.4	10.8	11.2	10.6
45°	10.7	13.2	16.3	16.0	14.9	14.4	13.7	12.0	13.9	14.6	14.4
42.5°	11.2	13.8	16.2	15.7	16.5	17.0	16.7	17.4	18.5	20.1	20.8
40°	11.6	14.2	16.9	18.6	19.1	20.8	23.1	24.8	25.5	27.9	29.5
37.5°	11.7	15.5	19.3	24.0	23.4	26.8	30.6	37.2	39.1	36.7	41.3
35°	11.7	17.5	26.0	32.4	33.3	34.8	44.6	54.5	60.6	54.6	60.2
32.5°	13.0	20.3	34.4	43.5	50.0	51.7	61.4	81.8	92.3	93.8	94.4
30°	16.0	28.1	44.9	56.7	71.5	83.4	92.8	116.3	133.1	174.9	208.5
27.5°	19.9	37.6	57.4	76.5	98.7	120.8	143.1	161.6	216.0	294.4	381.8
25°	23.8	51.3	71.3	101.0	134.7	166.9	196.9	222.2	328.3	489.0	596.5
22.5°	31.3	67.5	91.4	128.2	174.3	216.7	253.7	320.6	469.1	707.0	822.6
20°	43.5	84.7	116.2	160.9	218.7	268.2	311.4	423.5	640.2	863.3	1006.7
17.5°	56.8	102.6	143.0	202.0	275.9	330.7	375.1	523.5	806.1	1019.2	1165.3
15°	70.8	121.1	169.6	246.8	338.7	406.6	496.7	679.1	952.6	1172.3	1351.5
12.5°	85.3	139.8	195.6	294.1	405.4	483.3	644.9	909.5	1153.6	1345.2	1613.4
10°	99.7	158.4	220.7	342.4	474.3	560.0	807.9	1137.3	1373.2	1570.2	1878.7
7.5°	127.8	184.5	247.8	390.5	543.9	635.9	978.9	1358.9	1578.8	1779.3	2104.3
5°	158.1	218.2	289.8	450.4	612.8	704.4	1137.8	1570.2	1771.6	1973.5	2295.8
2.5°	187.5	250.7	330.4	508.6	677.6	760.1	1232.8	1687.5	1896.6	2124.3	2458.6
0°	214.8	281.6	369.0	562.0	736.8	812.0	1309.7	1786.7	2001.6	2250.4	2601.2
-2.5°	236.8	311.9	405.2	592.3	757.4	841.6	1325.5	1823.2	2055.8	2322.3	2669.7
-5°	255.3	340.0	438.6	617.3	773.3	867.7	1322.3	1836.1	2101.3	2376.8	2732.1
-7.5°	269.6	365.5	468.8	635.4	781.6	880.1	1318.4	1853.4	2151.2	2414.0	2782.6
-10°	277.6	376.0	475.3	632.9	779.6	882.8	1289.6	1843.0	2191.9	2441.0	2798.4
-12.5°	269.3	372.6	473.7	624.9	774.1	882.3	1226.9	1803.0	2224.4	2459.4	2768.5
-15°	259.5	367.2	467.2	611.4	765.6	878.6	1127.1	1732.1	2208.0	2392.2	2680.7
-17.5°	248.9	359.6	455.4	592.3	754.5	871.7	980.8	1552.3	2041.2	2277.1	2585.8
-20°	237.9	349.8	438.1	567.7	738.7	838.2	911.9	1324.9	1802.7	2135.3	2419.8



REPORT NUMBER: P1306046 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	227.0	338.0	419.6	545.0	681.6	782.8	861.0	1093.0	1555.7	1959.8	2172.0
-25°	221.2	320.7	404.1	503.1	620.9	725.9	802.0	884.6	1297.6	1685.8	1952.9
-27.5°	218.5	305.1	381.2	461.4	563.2	665.7	738.3	816.2	1043.2	1409.9	1730.2
-30°	213.4	283.8	357.2	423.8	514.2	602.9	674.2	754.5	845.9	1142.1	1437.9
-32.5°	201.5	262.2	332.2	396.2	468.4	546.0	625.0	703.5	781.7	889.5	1160.6
-35°	187.5	244.1	307.1	368.0	425.4	499.8	578.7	656.0	722.4	791.3	941.3
-37.5°	176.2	224.6	282.4	340.0	394.2	457.8	530.5	605.6	673.4	735.6	821.1
-40°	163.8	203.7	259.0	313.5	364.4	419.2	484.1	551.8	621.7	694.4	761.3
-42.5°	150.1	188.7	234.8	287.4	335.2	385.6	437.5	500.1	568.9	645.6	715.0
-45°	134.6	172.6	210.5	258.9	304.8	351.1	399.7	449.3	516.8	585.8	658.4
-47.5°	118.1	155.3	191.7	230.3	274.1	316.4	360.8	411.5	464.6	527.5	591.6
-50°	101.2	136.4	171.8	206.7	244.2	282.5	321.7	372.9	423.3	472.7	527.7
-52.5°	84.2	116.7	150.4	184.0	217.3	251.8	289.3	334.4	382.0	428.2	473.9
-55°	66.2	96.4	128.0	159.9	191.7	223.0	259.4	299.5	340.7	384.8	427.2
-57.5°	51.0	75.1	104.3	134.7	164.6	195.3	231.0	265.5	302.9	341.8	380.0
-60°	37.1	55.7	79.0	107.2	136.5	166.5	201.8	236.0	268.0	299.1	334.9
-62.5°	24.5	39.0	56.6	77.7	104.4	134.4	166.1	199.8	236.1	264.5	292.5
-65°	20.1	24.9	36.9	53.4	71.0	96.6	125.4	156.6	188.0	216.3	246.2
-67.5°	15.6	20.1	24.2	30.5	45.7	62.6	80.8	106.5	133.9	157.6	181.7
-70°	13.6	15.6	19.1	22.8	26.4	33.4	48.3	64.1	79.8	95.0	114.7
-72.5°	12.0	13.8	15.6	17.6	20.7	23.9	27.4	31.1	39.9	51.6	62.6
-75°	10.7	11.9	13.4	15.1	16.7	18.3	20.1	23.0	25.9	28.6	31.2
-77.5°	9.5	10.5	11.5	12.7	13.8	15.0	16.3	17.6	18.9	20.4	22.0
-80°	8.5	9.0	9.8	10.7	11.2	11.9	12.6	13.5	14.2	15.0	15.9
-82.5°	7.9	8.2	8.6	9.0	9.1	9.0	9.0	9.2	9.8	10.3	10.8
-85°	7.3	7.3	7.5	7.6	7.8	7.8	7.8	7.8	7.7	7.7	7.6
-87.5°	7.1	7.0	6.9	6.8	6.8	6.9	6.9	6.9	6.7	6.4	6.2
-90°	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9	4.6	4.3	3.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.9	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1	7.0	7.9
87.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	1.2	1.2
85°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	1.2	1.2
82.5°	3.6	3.5	3.4	3.3	3.3	3.0	2.8	2.5	2.3	2.0	1.8
80°	3.7	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4	2.1	1.8
77.5°	3.8	3.8	3.8	3.8	3.6	3.4	3.1	2.7	2.4	2.1	1.8
75°	4.9	4.7	4.5	4.2	3.7	3.4	3.1	2.8	2.5	2.4	2.3
72.5°	6.0	5.7	5.4	5.7	5.6	5.5	5.3	5.0	4.5	4.5	4.6
70°	11.1	11.7	11.7	11.1	10.0	8.9	8.1	7.2	6.2	5.9	5.9
67.5°	17.7	16.8	15.8	14.4	12.3	10.5	9.4	8.4	7.4	7.0	7.1
65°	22.0	18.2	15.7	13.6	12.0	10.5	9.3	8.2	7.1	6.4	6.3
62.5°	20.1	15.8	13.1	11.4	10.3	9.3	7.9	6.7	5.8	5.3	5.5
60°	17.3	12.6	9.8	8.5	7.3	6.2	5.6	5.3	5.0	4.9	5.0
57.5°	13.8	9.6	7.2	6.7	6.1	5.3	5.0	5.1	5.1	4.9	4.9
55°	10.1	8.2	7.3	7.0	6.7	6.3	6.0	5.9	5.8	5.7	5.8
52.5°	8.2	8.2	8.3	8.2	7.9	7.5	7.2	7.2	7.3	7.5	7.9
50°	9.0	9.3	9.5	9.4	9.1	8.8	8.4	8.8	9.3	9.8	10.2
47.5°	10.5	10.9	11.5	10.7	10.9	11.6	11.1	11.3	13.0	14.2	14.9
45°	13.3	15.5	16.0	16.5	16.7	17.9	18.5	18.9	22.4	23.9	23.9
42.5°	21.3	23.3	25.0	26.5	26.3	30.2	35.5	38.5	38.4	37.8	38.4
40°	32.2	34.4	39.3	43.0	48.8	54.0	54.3	49.3	49.9	55.7	56.1
37.5°	48.4	55.1	64.9	75.8	78.7	75.4	77.3	81.0	84.8	90.1	96.3
35°	77.1	99.7	104.1	112.5	118.0	112.6	114.7	124.3	124.4	141.6	151.0
32.5°	136.7	171.4	182.0	174.5	189.1	197.9	170.9	204.9	211.4	229.0	250.7
30°	223.0	295.2	317.5	307.1	346.5	358.9	335.1	403.6	443.8	442.9	544.5
27.5°	423.7	459.8	501.7	565.7	573.9	595.3	730.3	834.7	967.2	1092.4	1255.1
25°	648.3	668.8	788.9	867.9	907.0	1049.6	1249.6	1412.8	1693.9	1956.4	2502.7
22.5°	855.2	931.6	1078.1	1204.7	1347.0	1576.6	1852.5	2155.2	2902.3	3821.6	4974.9
20°	1058.2	1158.8	1333.8	1561.5	1788.5	2101.0	2467.7	3426.7	4895.9	7122.5	9528.9
17.5°	1287.3	1384.1	1622.6	1944.2	2289.6	2758.0	3882.8	5715.2	8835.1	13191.0	17393.2
15°	1584.8	1751.3	2015.2	2490.3	3151.5	4255.3	6088.9	10608.8	16837.5	23611.4	30873.8
12.5°	1932.8	2207.2	2636.9	3250.8	4203.0	6810.5	11418.7	18676.6	27984.5	37498.3	49434.4
10°	2269.7	2728.7	3386.2	4353.6	6247.9	10357.4	17222.8	27697.6	41959.3	56669.0	69851.1
7.5°	2565.6	3173.0	4057.7	5413.5	8420.8	14360.0	24236.6	38832.8	56609.1	74786.4	92512.4
5°	2867.8	3590.1	4621.0	6207.3	9745.9	17257.4	29934.7	49026.9	70504.0	92520.1	115655.8
2.5°	3115.9	3940.2	5091.3	6865.4	10528.9	18814.5	33468.2	56126.9	80942.0	106147.2	134935.5
0°	3265.1	4157.3	5323.8	6885.9	11144.0	20041.2	34341.0	58640.2	85348.8	113061.2	143191.5
-2.5°	3269.8	4112.1	5210.4	6820.6	11012.3	19705.8	34401.9	58577.5	85111.8	111801.4	141535.2
-5°	3259.6	4009.0	5040.5	6586.4	10224.5	17956.4	31762.7	54782.3	80917.5	106175.9	133258.2
-7.5°	3244.0	3872.7	4799.1	6211.7	9216.3	15844.9	28722.9	49795.6	74454.1	97981.0	122224.2
-10°	3226.0	3731.6	4576.9	5890.3	8303.0	13333.4	23105.6	42296.5	64917.0	86627.2	106507.3
-12.5°	3210.6	3673.7	4398.0	5447.5	7192.8	11172.9	19507.1	34565.7	52883.8	71215.7	88826.4
-15°	3151.3	3597.0	4251.9	5118.7	6533.6	9317.2	14562.3	24971.2	40012.9	54494.1	68473.7
-17.5°	3030.0	3487.9	3899.9	4574.6	5595.2	7410.4	10846.9	17119.0	26777.0	38096.8	47959.3
-20°	2792.2	3106.1	3447.9	4020.9	4806.4	5762.1	7329.3	10903.2	15495.3	22879.0	28050.1



REPORT NUMBER: P1306046 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2439.3	2703.2	2990.8	3372.6	3925.0	4599.4	5435.7	6756.9	9153.2	11999.0	15144.4
-25°	2117.3	2307.0	2573.5	2901.5	3197.2	3637.2	4223.2	4735.8	5770.8	6608.0	8338.0
-27.5°	1873.3	2031.0	2272.4	2526.8	2745.0	2980.8	3388.5	3750.9	4254.5	4694.1	5397.4
-30°	1696.9	1858.4	2052.5	2245.3	2452.5	2652.4	2834.9	3109.6	3411.7	3698.5	4070.5
-32.5°	1479.0	1734.0	1874.4	2037.5	2221.9	2396.7	2535.9	2709.6	2875.9	3065.9	3269.9
-35°	1251.4	1530.0	1745.6	1870.9	2007.9	2174.8	2317.4	2436.3	2546.4	2664.4	2772.2
-37.5°	983.4	1291.2	1536.9	1722.3	1847.3	1963.9	2116.9	2231.1	2304.0	2401.8	2475.5
-40°	845.3	968.5	1247.7	1499.7	1660.9	1844.4	1986.8	2107.7	2241.1	2345.2	2405.3
-42.5°	777.9	849.4	923.7	1129.5	1381.8	1602.2	1785.7	1984.6	2163.0	2304.9	2436.9
-45°	725.8	776.6	829.5	897.8	968.4	1174.7	1400.9	1633.6	1841.8	2036.4	2203.4
-47.5°	656.3	715.7	764.0	807.2	850.6	913.9	981.7	1076.0	1276.2	1479.2	1672.8
-50°	584.8	639.5	692.8	742.9	783.5	815.5	841.1	882.7	943.1	1003.1	1062.1
-52.5°	517.4	568.2	616.5	665.1	712.6	754.8	792.2	821.6	845.9	866.5	880.5
-55°	469.3	509.2	546.8	593.1	638.8	681.3	720.6	756.7	789.7	819.6	840.3
-57.5°	419.2	458.3	497.2	536.2	574.0	610.5	647.1	682.9	716.4	746.9	767.4
-60°	369.5	403.0	441.6	481.8	519.5	554.7	588.8	620.8	650.7	676.4	692.9
-62.5°	322.6	354.2	387.6	423.8	461.9	499.2	533.3	565.7	596.5	621.3	637.3
-65°	275.4	301.9	330.5	360.3	391.3	423.0	455.5	488.6	522.0	548.7	566.3
-67.5°	206.9	233.5	261.5	290.7	317.0	341.2	364.6	388.8	413.2	433.5	449.5
-70°	134.5	154.4	174.0	194.0	215.8	238.0	259.2	279.0	297.4	312.2	324.1
-72.5°	72.7	82.3	93.1	108.3	123.0	137.7	152.3	166.0	178.8	188.4	196.0
-75°	33.7	38.1	46.3	53.8	60.8	68.0	74.9	81.2	87.0	91.1	94.3
-77.5°	24.0	25.9	27.9	29.8	31.8	34.5	37.3	40.2	42.9	45.6	48.2
-80°	16.9	18.0	19.1	20.1	21.0	22.6	24.2	25.9	27.5	29.2	30.8
-82.5°	11.3	12.0	12.7	13.4	14.1	15.0	15.9	16.7	17.5	18.9	20.3
-85°	7.6	7.9	8.3	8.6	9.0	9.7	10.4	11.2	11.8	12.8	13.8
-87.5°	5.9	5.9	5.9	6.0	6.0	6.6	7.2	7.8	8.4	9.3	10.3
-90°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6



REPORT NUMBER: P1306046 (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°	8.8	9.7	10.3	10.9	10.3	9.7	8.8	7.9	7.0	6.1	5.8
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.5
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.8
72.5°	4.7	4.8	4.9	4.9	4.9	4.8	4.7	4.6	4.5	4.5	5.0
70°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.9	6.2	7.2
67.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.1	7.0	7.4	8.4
65°	6.2	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	7.1	8.2
62.5°	5.7	6.0	6.1	6.1	6.1	6.0	5.7	5.5	5.3	5.8	6.7
60°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.0	4.9	5.0	5.3
57.5°	4.9	4.9	5.4	6.1	5.4	4.9	4.9	4.9	4.9	5.1	5.1
55°	5.9	6.0	6.5	7.3	6.5	6.0	5.9	5.8	5.7	5.8	5.9
52.5°	8.1	8.3	8.5	8.5	8.5	8.3	8.1	7.9	7.5	7.3	7.2
50°	10.5	10.7	10.9	10.9	10.9	10.7	10.5	10.2	9.8	9.3	8.8
47.5°	15.4	15.6	15.7	15.8	15.7	15.6	15.4	14.9	14.2	13.0	11.3
45°	24.8	25.1	25.3	25.5	25.3	25.1	24.8	23.9	23.9	22.4	18.9
42.5°	40.0	40.6	40.6	40.1	40.6	40.6	40.0	38.4	37.8	38.4	38.5
40°	57.0	57.0	56.3	55.8	56.3	57.0	57.0	56.1	55.7	49.9	49.3
37.5°	99.2	95.6	89.2	86.2	89.2	95.6	99.2	96.3	90.1	84.8	81.0
35°	153.5	155.8	156.4	155.4	156.4	155.8	153.5	151.0	141.6	124.4	124.3
32.5°	256.7	269.0	272.9	280.4	272.9	269.0	256.7	250.7	229.0	211.4	204.9
30°	528.5	524.8	478.7	458.8	478.7	524.8	528.5	544.5	442.9	443.8	403.6
27.5°	1423.7	1587.6	1665.7	1659.3	1665.7	1587.6	1423.7	1255.1	1092.4	967.2	834.7
25°	2932.0	3195.4	3370.1	3255.4	3370.1	3195.4	2932.0	2502.7	1956.4	1693.9	1412.8
22.5°	6049.2	6623.4	6936.3	7048.6	6936.3	6623.4	6049.2	4974.9	3821.6	2902.3	2155.2
20°	12122.3	13206.6	13998.5	13337.3	13998.5	13206.6	12122.3	9528.9	7122.5	4895.9	3426.7
17.5°	22505.2	25878.0	28861.6	29794.1	28861.6	25878.0	22505.2	17393.2	13191.0	8835.1	5715.2
15°	37875.3	43571.2	46956.8	46759.5	46956.8	43571.2	37875.3	30873.8	23611.4	16837.5	10608.8
12.5°	58275.4	65304.4	69994.4	68951.5	69994.4	65304.4	58275.4	49434.4	37498.3	27984.5	18676.6
10°	82787.7	93434.4	101170.2	100813.9	101170.2	93434.4	82787.7	69851.1	56669.0	41959.3	27697.6
7.5°	108201.5	125679.6	140850.0	143402.8	140850.0	125679.6	108201.5	92512.4	74786.4	56609.1	38832.8
5°	140974.7	164011.6	179077.1	179938.3	179077.1	164011.6	140974.7	115655.8	92520.1	70504.0	49026.9
2.5°	167559.3	193986.4	206700.5	214403.8	206700.5	193986.4	167559.3	134935.5	106147.2	80942.0	56126.9
0°	180014.1	201497.9	224742.9	235756.4	224742.9	201497.9	180014.1	143191.5	113061.2	85348.8	58640.2
-2.5°	174904.4	197925.8	211873.0	223545.5	211873.0	197925.8	174904.4	141535.2	111801.4	85111.8	58577.5
-5°	163316.0	186126.4	197827.0	198918.6	197827.0	186126.4	163316.0	133258.2	106175.9	80917.5	54782.3
-7.5°	144397.4	163739.5	176023.9	179846.1	176023.9	163739.5	144397.4	122224.2	97981.0	74454.1	49795.6
-10°	124291.9	138202.0	146141.1	147663.2	146141.1	138202.0	124291.9	106507.3	86627.2	64917.0	42296.5
-12.5°	103389.2	114777.4	120255.5	121452.3	120255.5	114777.4	103389.2	88826.4	71215.7	52883.8	34565.7
-15°	80234.3	88803.6	93736.1	94594.4	93736.1	88803.6	80234.3	68473.7	54494.1	40012.9	24971.2
-17.5°	57269.7	64233.0	69229.5	69893.4	69229.5	64233.0	57269.7	47959.3	38096.8	26777.0	17119.0
-20°	35180.6	39918.5	42841.5	42412.8	42841.5	39918.5	35180.6	28050.1	22879.0	15495.3	10903.2



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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°	18940.7	21494.6	22729.9	23368.2	22729.9	21494.6	18940.7	15144.4	11999.0	9153.2	6756.9
-25°	10012.0	11093.6	11648.6	12083.4	11648.6	11093.6	10012.0	8338.0	6608.0	5770.8	4735.8
-27.5°	5957.2	6329.2	6535.7	6649.2	6535.7	6329.2	5957.2	5397.4	4694.1	4254.5	3750.9
-30°	4367.2	4545.4	4639.6	4686.5	4639.6	4545.4	4367.2	4070.5	3698.5	3411.7	3109.6
-32.5°	3433.6	3539.4	3604.5	3628.1	3604.5	3539.4	3433.6	3269.9	3065.9	2875.9	2709.6
-35°	2848.3	2883.7	2896.4	2919.2	2896.4	2883.7	2848.3	2772.2	2664.4	2546.4	2436.3
-37.5°	2531.6	2564.6	2580.6	2593.9	2580.6	2564.6	2531.6	2475.5	2401.8	2304.0	2231.1
-40°	2433.0	2468.0	2503.8	2529.6	2503.8	2468.0	2433.0	2405.3	2345.2	2241.1	2107.7
-42.5°	2494.6	2551.7	2590.9	2596.3	2590.9	2551.7	2494.6	2436.9	2304.9	2163.0	1984.6
-45°	2298.3	2363.3	2398.8	2410.6	2398.8	2363.3	2298.3	2203.4	2036.4	1841.8	1633.6
-47.5°	1844.3	1992.9	2081.6	2101.1	2081.6	1992.9	1844.3	1672.8	1479.2	1276.2	1076.0
-50°	1119.3	1172.3	1201.4	1205.3	1201.4	1172.3	1119.3	1062.1	1003.1	943.1	882.7
-52.5°	891.6	901.0	906.9	910.4	906.9	901.0	891.6	880.5	866.5	845.9	821.6
-55°	858.4	874.2	883.2	887.3	883.2	874.2	858.4	840.3	819.6	789.7	756.7
-57.5°	785.7	801.8	808.9	810.8	808.9	801.8	785.7	767.4	746.9	716.4	682.9
-60°	708.0	721.6	725.9	725.9	725.9	721.6	708.0	692.9	676.4	650.7	620.8
-62.5°	652.6	666.8	673.7	677.3	673.7	666.8	652.6	637.3	621.3	596.5	565.7
-65°	581.6	594.7	600.1	602.0	600.1	594.7	581.6	566.3	548.7	522.0	488.6
-67.5°	463.7	476.1	479.6	479.5	479.6	476.1	463.7	449.5	433.5	413.2	388.8
-70°	334.2	342.4	343.8	342.3	343.8	342.4	334.2	324.1	312.2	297.4	279.0
-72.5°	202.2	206.9	208.7	208.8	208.7	206.9	202.2	196.0	188.4	178.8	166.0
-75°	96.7	98.4	99.8	100.7	99.8	98.4	96.7	94.3	91.1	87.0	81.2
-77.5°	50.6	52.9	53.9	54.6	53.9	52.9	50.6	48.2	45.6	42.9	40.2
-80°	32.3	33.8	34.0	34.0	34.0	33.8	32.3	30.8	29.2	27.5	25.9
-82.5°	21.7	23.0	23.1	23.1	23.1	23.0	21.7	20.3	18.9	17.5	16.7
-85°	14.8	15.8	16.4	17.0	16.4	15.8	14.8	13.8	12.8	11.8	11.2
-87.5°	11.2	12.1	12.1	12.1	12.1	12.1	11.2	10.3	9.3	8.4	7.8
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.5	5.2	4.9	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1
87.5°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.3	4.6	4.9
85°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.3	4.6	4.9
82.5°	2.8	3.0	3.3	3.3	3.4	3.5	3.6	4.0	4.3	4.6	4.9
80°	3.0	3.3	3.6	3.6	3.6	3.6	3.7	4.0	4.3	4.6	5.0
77.5°	3.1	3.4	3.6	3.8	3.8	3.8	3.8	4.0	4.3	4.7	5.0
75°	3.1	3.4	3.7	4.2	4.5	4.7	4.9	5.0	5.1	5.2	5.3
72.5°	5.3	5.5	5.6	5.7	5.4	5.7	6.0	6.2	6.3	6.2	6.0
70°	8.1	8.9	10.0	11.1	11.7	11.7	11.1	10.1	8.5	8.0	7.4
67.5°	9.4	10.5	12.3	14.4	15.8	16.8	17.7	17.9	16.9	15.1	11.2
65°	9.3	10.5	12.0	13.6	15.7	18.2	22.0	23.9	24.1	22.9	17.8
62.5°	7.9	9.3	10.3	11.4	13.1	15.8	20.1	24.1	27.8	28.9	23.2
60°	5.6	6.2	7.3	8.5	9.8	12.6	17.3	22.0	26.8	26.8	25.0
57.5°	5.0	5.3	6.1	6.7	7.2	9.6	13.8	19.1	24.3	23.5	22.2
55°	6.0	6.3	6.7	7.0	7.3	8.2	10.1	13.7	18.5	19.5	18.6
52.5°	7.2	7.5	7.9	8.2	8.3	8.2	8.2	10.4	12.5	14.4	15.1
50°	8.4	8.8	9.1	9.4	9.5	9.3	9.0	8.8	10.1	11.6	12.1
47.5°	11.1	11.6	10.9	10.7	11.5	10.9	10.5	10.6	11.2	10.8	11.4
45°	18.5	17.9	16.7	16.5	16.0	15.5	13.3	14.4	14.6	13.9	12.0
42.5°	35.5	30.2	26.3	26.5	25.0	23.3	21.3	20.8	20.1	18.5	17.4
40°	54.3	54.0	48.8	43.0	39.3	34.4	32.2	29.5	27.9	25.5	24.8
37.5°	77.3	75.4	78.7	75.8	64.9	55.1	48.4	41.3	36.7	39.1	37.2
35°	114.7	112.6	118.0	112.5	104.1	99.7	77.1	60.2	54.6	60.6	54.5
32.5°	170.9	197.9	189.1	174.5	182.0	171.4	136.7	94.4	93.8	92.3	81.8
30°	335.1	358.9	346.5	307.1	317.5	295.2	223.0	208.5	174.9	133.1	116.3
27.5°	730.3	595.3	573.9	565.7	501.7	459.8	423.7	381.8	294.4	216.0	161.6
25°	1249.6	1049.6	907.0	867.9	788.9	668.8	648.3	596.5	489.0	328.3	222.2
22.5°	1852.5	1576.6	1347.0	1204.7	1078.1	931.6	855.2	822.6	707.0	469.1	320.6
20°	2467.7	2101.0	1788.5	1561.5	1333.8	1158.8	1058.2	1006.7	863.3	640.2	423.5
17.5°	3882.8	2758.0	2289.6	1944.2	1622.6	1384.1	1287.3	1165.3	1019.2	806.1	523.5
15°	6088.9	4255.3	3151.5	2490.3	2015.2	1751.3	1584.8	1351.5	1172.3	952.6	679.1
12.5°	11418.7	6810.5	4203.0	3250.8	2636.9	2207.2	1932.8	1613.4	1345.2	1153.6	909.5
10°	17222.8	10357.4	6247.9	4353.6	3386.2	2728.7	2269.7	1878.7	1570.2	1373.2	1137.3
7.5°	24236.6	14360.0	8420.8	5413.5	4057.7	3173.0	2565.6	2104.3	1779.3	1578.8	1358.9
5°	29934.7	17257.4	9745.9	6207.3	4621.0	3590.1	2867.8	2295.8	1973.5	1771.6	1570.2
2.5°	33468.2	18814.5	10528.9	6865.4	5091.3	3940.2	3115.9	2458.6	2124.3	1896.6	1687.5
0°	34341.0	20041.2	11144.0	6885.9	5323.8	4157.3	3265.1	2601.2	2250.4	2001.6	1786.7
-2.5°	34401.9	19705.8	11012.3	6820.6	5210.4	4112.1	3269.8	2669.7	2322.3	2055.8	1823.2
-5°	31762.7	17956.4	10224.5	6586.4	5040.5	4009.0	3259.6	2732.1	2376.8	2101.3	1836.1
-7.5°	28722.9	15844.9	9216.3	6211.7	4799.1	3872.7	3244.0	2782.6	2414.0	2151.2	1853.4
-10°	23105.6	13333.4	8303.0	5890.3	4576.9	3731.6	3226.0	2798.4	2441.0	2191.9	1843.0
-12.5°	19507.1	11172.9	7192.8	5447.5	4398.0	3673.7	3210.6	2768.5	2459.4	2224.4	1803.0
-15°	14562.3	9317.2	6533.6	5118.7	4251.9	3597.0	3151.3	2680.7	2392.2	2208.0	1732.1
-17.5°	10846.9	7410.4	5595.2	4574.6	3899.9	3487.9	3030.0	2585.8	2277.1	2041.2	1552.3
-20°	7329.3	5762.1	4806.4	4020.9	3447.9	3106.1	2792.2	2419.8	2135.3	1802.7	1324.9



REPORT NUMBER: P1306046 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5435.7	4599.4	3925.0	3372.6	2990.8	2703.2	2439.3	2172.0	1959.8	1555.7	1093.0
-25°	4223.2	3637.2	3197.2	2901.5	2573.5	2307.0	2117.3	1952.9	1685.8	1297.6	884.6
-27.5°	3388.5	2980.8	2745.0	2526.8	2272.4	2031.0	1873.3	1730.2	1409.9	1043.2	816.2
-30°	2834.9	2652.4	2452.5	2245.3	2052.5	1858.4	1696.9	1437.9	1142.1	845.9	754.5
-32.5°	2535.9	2396.7	2221.9	2037.5	1874.4	1734.0	1479.0	1160.6	889.5	781.7	703.5
-35°	2317.4	2174.8	2007.9	1870.9	1745.6	1530.0	1251.4	941.3	791.3	722.4	656.0
-37.5°	2116.9	1963.9	1847.3	1722.3	1536.9	1291.2	983.4	821.1	735.6	673.4	605.6
-40°	1986.8	1844.4	1660.9	1499.7	1247.7	968.5	845.3	761.3	694.4	621.7	551.8
-42.5°	1785.7	1602.2	1381.8	1129.5	923.7	849.4	777.9	715.0	645.6	568.9	500.1
-45°	1400.9	1174.7	968.4	897.8	829.5	776.6	725.8	658.4	585.8	516.8	449.3
-47.5°	981.7	913.9	850.6	807.2	764.0	715.7	656.3	591.6	527.5	464.6	411.5
-50°	841.1	815.5	783.5	742.9	692.8	639.5	584.8	527.7	472.7	423.3	372.9
-52.5°	792.2	754.8	712.6	665.1	616.5	568.2	517.4	473.9	428.2	382.0	334.4
-55°	720.6	681.3	638.8	593.1	546.8	509.2	469.3	427.2	384.8	340.7	299.5
-57.5°	647.1	610.5	574.0	536.2	497.2	458.3	419.2	380.0	341.8	302.9	265.5
-60°	588.8	554.7	519.5	481.8	441.6	403.0	369.5	334.9	299.1	268.0	236.0
-62.5°	533.3	499.2	461.9	423.8	387.6	354.2	322.6	292.5	264.5	236.1	199.8
-65°	455.5	423.0	391.3	360.3	330.5	301.9	275.4	246.2	216.3	188.0	156.6
-67.5°	364.6	341.2	317.0	290.7	261.5	233.5	206.9	181.7	157.6	133.9	106.5
-70°	259.2	238.0	215.8	194.0	174.0	154.4	134.5	114.7	95.0	79.8	64.1
-72.5°	152.3	137.7	123.0	108.3	93.1	82.3	72.7	62.6	51.6	39.9	31.1
-75°	74.9	68.0	60.8	53.8	46.3	38.1	33.7	31.2	28.6	25.9	23.0
-77.5°	37.3	34.5	31.8	29.8	27.9	25.9	24.0	22.0	20.4	18.9	17.6
-80°	24.2	22.6	21.0	20.1	19.1	18.0	16.9	15.9	15.0	14.2	13.5
-82.5°	15.9	15.0	14.1	13.4	12.7	12.0	11.3	10.8	10.3	9.8	9.2
-85°	10.4	9.7	9.0	8.6	8.3	7.9	7.6	7.6	7.7	7.7	7.8
-87.5°	7.2	6.6	6.0	6.0	5.9	5.9	5.9	6.2	6.4	6.7	6.9
-90°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.3	4.6	4.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.1	6.1	6.1	6.1	6.4	6.7	7.0	7.3	7.0	6.7	6.4
87.5°	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1
85°	5.0	5.1	5.1	5.1	5.3	5.5	5.8	6.1	6.1	6.1	6.1
82.5°	5.2	5.5	5.7	5.8	5.8	5.8	5.9	6.1	6.1	6.1	6.1
80°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.3	6.3	6.3
77.5°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.6
75°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.2	6.5	6.8	6.9
72.5°	5.9	5.9	6.0	6.1	6.1	6.1	6.1	6.2	6.5	6.8	7.1
70°	6.7	6.2	6.1	6.2	6.2	6.1	6.1	6.3	6.5	6.8	7.1
67.5°	7.9	7.2	6.6	6.4	6.5	6.4	6.2	6.3	6.6	6.9	7.2
65°	13.1	9.5	7.3	7.0	6.8	6.9	6.7	6.5	6.6	6.9	7.2
62.5°	17.8	12.9	9.7	7.9	7.2	7.1	7.2	6.9	6.7	7.0	7.2
60°	22.3	16.7	12.4	9.9	8.1	7.3	7.3	7.2	7.0	7.0	7.3
57.5°	20.7	19.4	15.8	12.1	9.6	7.9	7.3	7.3	7.2	7.1	7.3
55°	17.6	17.0	17.4	14.6	11.1	8.9	7.6	7.3	7.3	7.2	7.3
52.5°	14.3	15.2	16.5	16.0	12.9	10.0	8.4	7.3	7.3	7.3	7.3
50°	11.8	13.7	15.8	16.2	14.2	11.3	9.1	7.8	7.3	7.3	7.4
47.5°	11.8	13.4	14.8	16.5	15.3	12.4	10.0	8.4	7.3	7.3	7.5
45°	13.7	14.4	14.9	16.0	16.3	13.2	10.7	8.8	7.7	7.4	7.6
42.5°	16.7	17.0	16.5	15.7	16.2	13.8	11.2	9.3	8.0	7.4	7.7
40°	23.1	20.8	19.1	18.6	16.9	14.2	11.6	9.6	8.3	7.6	7.7
37.5°	30.6	26.8	23.4	24.0	19.3	15.5	11.7	9.8	8.7	8.0	7.8
35°	44.6	34.8	33.3	32.4	26.0	17.5	11.7	9.8	9.2	8.3	7.9
32.5°	61.4	51.7	50.0	43.5	34.4	20.3	13.0	10.7	9.8	8.6	7.9
30°	92.8	83.4	71.5	56.7	44.9	28.1	16.0	11.8	10.4	8.9	8.1
27.5°	143.1	120.8	98.7	76.5	57.4	37.6	19.9	13.1	11.1	9.3	8.3
25°	196.9	166.9	134.7	101.0	71.3	51.3	23.8	14.7	12.1	9.9	8.6
22.5°	253.7	216.7	174.3	128.2	91.4	67.5	31.3	18.0	13.3	10.4	8.8
20°	311.4	268.2	218.7	160.9	116.2	84.7	43.5	21.1	14.6	11.0	9.0
17.5°	375.1	330.7	275.9	202.0	143.0	102.6	56.8	24.1	16.0	11.6	9.2
15°	496.7	406.6	338.7	246.8	169.6	121.1	70.8	27.0	17.4	12.2	9.5
12.5°	644.9	483.3	405.4	294.1	195.6	139.8	85.3	29.7	18.9	13.3	9.8
10°	807.9	560.0	474.3	342.4	220.7	158.4	99.7	34.5	21.8	14.7	10.0
7.5°	978.9	635.9	543.9	390.5	247.8	184.5	127.8	44.2	24.9	16.2	10.3
5°	1137.8	704.4	612.8	450.4	289.8	218.2	158.1	54.3	28.1	17.7	10.5
2.5°	1232.8	760.1	677.6	508.6	330.4	250.7	187.5	64.3	31.1	19.2	10.7
0°	1309.7	812.0	736.8	562.0	369.0	281.6	214.8	74.0	34.0	20.6	10.9
-2.5°	1325.5	841.6	757.4	592.3	405.2	311.9	236.8	90.0	45.2	27.4	14.5
-5°	1322.3	867.7	773.3	617.3	438.6	340.0	255.3	104.8	55.8	33.8	18.0
-7.5°	1318.4	880.1	781.6	635.4	468.8	365.5	269.6	118.4	65.9	39.9	21.3
-10°	1289.6	882.8	779.6	632.9	475.3	376.0	277.6	130.3	75.0	45.3	24.2
-12.5°	1226.9	882.3	774.1	624.9	473.7	372.6	269.3	138.7	83.0	50.1	26.6
-15°	1127.1	878.6	765.6	611.4	467.2	367.2	259.5	144.5	89.4	54.3	28.5
-17.5°	980.8	871.7	754.5	592.3	455.4	359.6	248.9	148.6	94.8	58.1	30.3
-20°	911.9	838.2	738.7	567.7	438.1	349.8	237.9	151.0	99.1	60.9	31.9



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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°	861.0	782.8	681.6	545.0	419.6	338.0	227.0	151.6	102.2	62.5	32.6
-25°	802.0	725.9	620.9	503.1	404.1	320.7	221.2	150.3	104.0	63.0	32.6
-27.5°	738.3	665.7	563.2	461.4	381.2	305.1	218.5	151.7	104.6	62.2	31.8
-30°	674.2	602.9	514.2	423.8	357.2	283.8	213.4	151.6	103.5	60.9	30.0
-32.5°	625.0	546.0	468.4	396.2	332.2	262.2	201.5	149.9	100.7	58.8	28.8
-35°	578.7	499.8	425.4	368.0	307.1	244.1	187.5	146.5	96.0	55.4	27.2
-37.5°	530.5	457.8	394.2	340.0	282.4	224.6	176.2	135.6	89.6	50.7	24.9
-40°	484.1	419.2	364.4	313.5	259.0	203.7	163.8	123.1	82.6	44.7	21.9
-42.5°	437.5	385.6	335.2	287.4	234.8	188.7	150.1	109.9	72.7	39.5	18.2
-45°	399.7	351.1	304.8	258.9	210.5	172.6	134.6	96.0	61.7	34.4	15.3
-47.5°	360.8	316.4	274.1	230.3	191.7	155.3	118.1	82.7	50.0	28.2	14.4
-50°	321.7	282.5	244.2	206.7	171.8	136.4	101.2	68.5	41.7	21.0	13.3
-52.5°	289.3	251.8	217.3	184.0	150.4	116.7	84.2	53.8	32.7	17.5	12.0
-55°	259.4	223.0	191.7	159.9	128.0	96.4	66.2	42.9	23.2	15.6	10.7
-57.5°	231.0	195.3	164.6	134.7	104.3	75.1	51.0	31.4	19.1	13.6	10.5
-60°	201.8	166.5	136.5	107.2	79.0	55.7	37.1	22.1	16.4	11.7	10.3
-62.5°	166.1	134.4	104.4	77.7	56.6	39.0	24.5	18.7	13.5	11.3	10.0
-65°	125.4	96.6	71.0	53.4	36.9	24.9	20.1	15.0	12.2	10.7	9.7
-67.5°	80.8	62.6	45.7	30.5	24.2	20.1	15.6	13.1	11.4	10.1	9.4
-70°	48.3	33.4	26.4	22.8	19.1	15.6	13.6	11.8	10.5	9.6	9.0
-72.5°	27.4	23.9	20.7	17.6	15.6	13.8	12.0	10.6	9.8	9.1	8.6
-75°	20.1	18.3	16.7	15.1	13.4	11.9	10.7	9.7	9.1	8.6	8.2
-77.5°	16.3	15.0	13.8	12.7	11.5	10.5	9.5	8.7	8.4	8.1	7.9
-80°	12.6	11.9	11.2	10.7	9.8	9.0	8.5	8.1	7.9	7.7	7.5
-82.5°	9.0	9.0	9.1	9.0	8.6	8.2	7.9	7.6	7.5	7.3	7.2
-85°	7.8	7.8	7.8	7.6	7.5	7.3	7.3	7.3	7.2	7.1	6.9
-87.5°	6.9	6.9	6.8	6.8	6.9	7.0	7.1	7.3	7.1	6.9	6.7
-90°	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	6.1	6.2	6.2	6.2	6.2	6.1	6.1
85°	6.1	6.2	6.3	6.3	6.3	6.2	6.1
82.5°	6.1	6.3	6.4	6.5	6.4	6.2	6.1
80°	6.2	6.4	6.5	6.6	6.5	6.2	6.1
77.5°	6.5	6.5	6.6	6.7	6.6	6.2	6.1
75°	6.8	6.7	6.8	6.8	6.7	6.2	6.1
72.5°	7.1	6.9	6.9	6.9	6.8	6.3	6.1
70°	7.3	7.1	7.0	7.1	6.9	6.3	6.1
67.5°	7.3	7.2	7.1	7.1	6.9	6.3	6.1
65°	7.3	7.3	7.1	7.1	7.0	6.3	6.1
62.5°	7.3	7.3	7.2	7.2	7.1	6.3	6.1
60°	7.3	7.3	7.3	7.2	7.1	6.4	6.1
57.5°	7.3	7.3	7.3	7.2	7.1	6.4	6.1
55°	7.3	7.3	7.3	7.3	7.1	6.4	6.1
52.5°	7.3	7.3	7.3	7.3	7.1	6.4	6.1
50°	7.3	7.3	7.3	7.3	7.1	6.4	6.1
47.5°	7.3	7.3	7.3	7.3	7.1	6.4	6.1
45°	7.4	7.3	7.3	7.3	7.1	6.4	6.1
42.5°	7.5	7.3	7.3	7.3	7.1	6.4	6.1
40°	7.7	7.3	7.3	7.3	7.1	6.4	6.1
37.5°	7.8	7.3	7.3	7.3	7.1	6.4	6.1
35°	8.0	7.4	7.3	7.3	7.1	6.4	6.1
32.5°	8.1	7.5	7.3	7.3	7.1	6.4	6.1
30°	8.2	7.6	7.3	7.3	7.1	6.4	6.1
27.5°	8.3	7.8	7.3	7.3	7.2	6.3	6.1
25°	8.3	7.9	7.3	7.3	7.2	6.3	6.1
22.5°	8.4	8.0	7.3	7.3	7.2	6.3	6.1
20°	8.5	8.1	7.3	7.3	7.2	6.3	6.1
17.5°	8.6	8.2	7.3	7.3	7.2	6.3	6.1
15°	8.7	8.3	7.3	7.3	7.2	6.3	6.1
12.5°	8.8	8.4	7.3	7.3	7.3	6.2	6.1
10°	9.0	8.4	7.3	7.3	7.3	6.2	6.1
7.5°	9.2	8.4	7.3	7.3	7.3	6.2	6.1
5°	9.4	8.5	7.3	7.3	7.3	6.2	6.1
2.5°	9.5	8.5	7.3	7.3	7.3	6.1	6.1
0°	9.7	8.5	7.3	7.3	7.3	6.1	6.1
-2.5°	10.7	8.5	7.3	7.3	7.3	6.1	6.1
-5°	11.6	8.5	7.3	7.3	7.3	6.1	6.1
-7.5°	12.4	8.4	7.3	7.3	7.3	6.1	6.1
-10°	13.1	8.4	7.3	7.3	7.3	6.1	6.1
-12.5°	13.7	8.4	7.3	7.3	7.2	6.1	6.1
-15°	14.0	8.3	7.3	7.3	7.2	6.1	6.1
-17.5°	14.2	8.2	7.3	7.3	7.2	6.1	6.1
-20°	14.4	8.1	7.3	7.3	7.2	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.8	8.0	7.3	7.3	7.1	6.1	6.1
-25°	14.8	8.2	7.3	7.3	7.1	6.1	6.1
-27.5°	14.4	8.3	7.3	7.3	7.0	6.1	6.1
-30°	13.6	8.4	7.3	7.3	7.0	6.1	6.1
-32.5°	12.3	8.4	7.4	7.3	6.9	6.1	6.1
-35°	11.8	8.3	7.5	7.3	6.9	6.1	6.1
-37.5°	11.6	8.3	7.6	7.3	6.8	6.1	6.1
-40°	11.4	8.4	7.7	7.3	6.7	6.1	6.1
-42.5°	11.0	8.4	7.7	7.3	6.7	6.1	6.1
-45°	10.4	8.5	7.8	7.3	6.6	6.1	6.1
-47.5°	9.7	8.5	7.8	7.4	6.5	6.1	6.1
-50°	9.5	8.5	7.8	7.3	6.4	6.1	6.1
-52.5°	9.5	8.5	7.8	7.2	6.4	6.1	6.1
-55°	9.4	8.5	7.8	7.1	6.3	6.1	6.1
-57.5°	9.3	8.4	7.8	7.0	6.2	6.1	6.1
-60°	9.2	8.3	7.7	6.9	6.1	6.1	6.1
-62.5°	9.1	8.3	7.6	6.8	6.1	6.1	6.1
-65°	8.9	8.1	7.4	6.6	6.1	6.1	6.1
-67.5°	8.7	8.0	7.2	6.5	6.1	6.1	6.1
-70°	8.4	7.7	7.1	6.4	6.1	6.1	6.1
-72.5°	8.2	7.5	6.9	6.3	6.1	6.1	6.1
-75°	7.9	7.3	6.7	6.3	6.1	6.1	6.1
-77.5°	7.6	7.1	6.6	6.3	6.1	6.1	6.1
-80°	7.3	6.9	6.5	6.2	6.1	6.1	6.1
-82.5°	7.0	6.7	6.4	6.2	6.1	6.1	6.1
-85°	6.7	6.5	6.3	6.2	6.1	6.1	6.1
-87.5°	6.4	6.3	6.2	6.1	6.1	6.1	6.1
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)