

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: P1305453 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-70-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

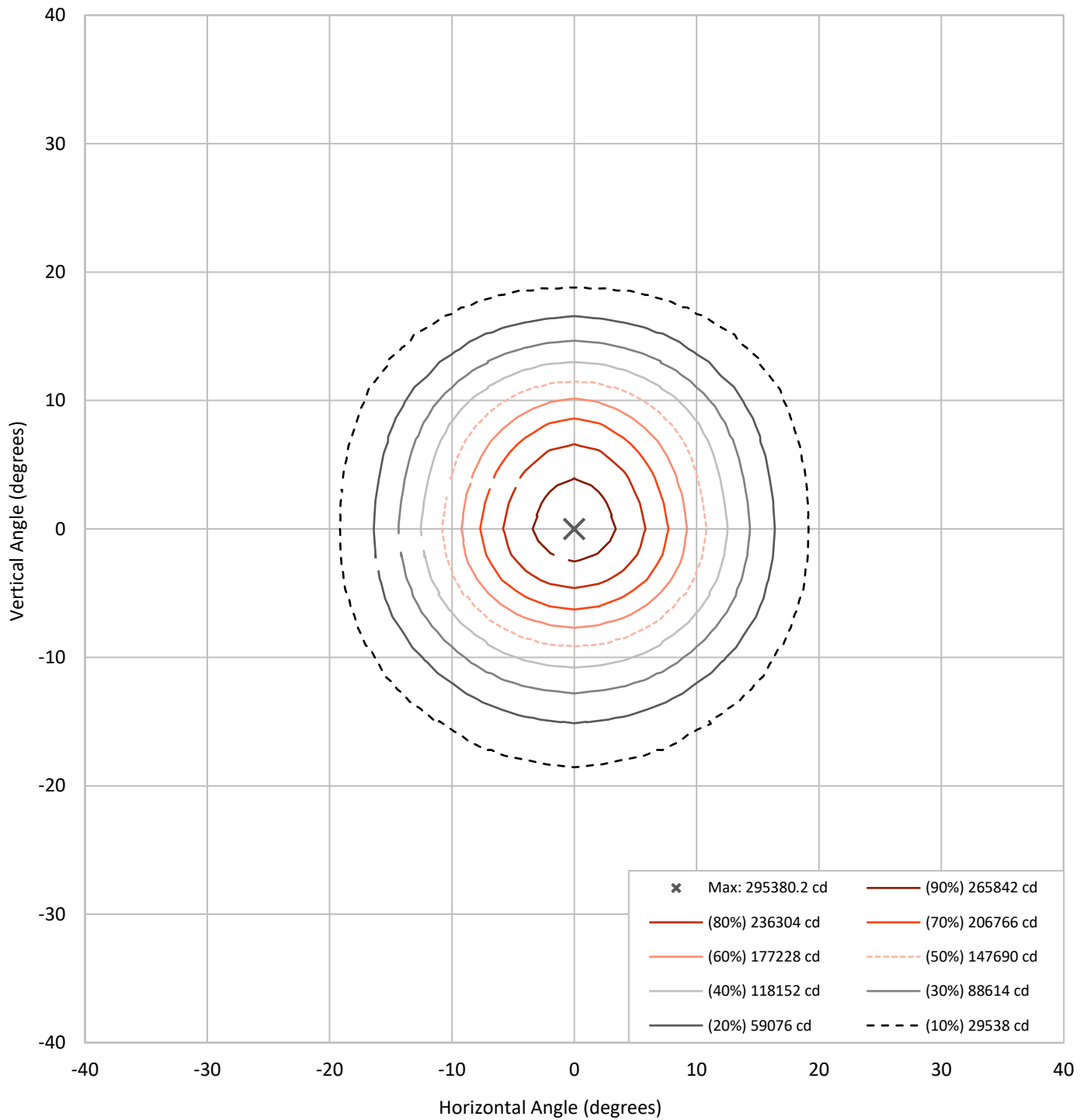
Test Method: LM-79-08
Report Number: P1305453 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-70-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S 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:	47763.3 lumens	Max Intensity:	295380.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	22179.1 lumens	Field Lumens:	40378 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	340		
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





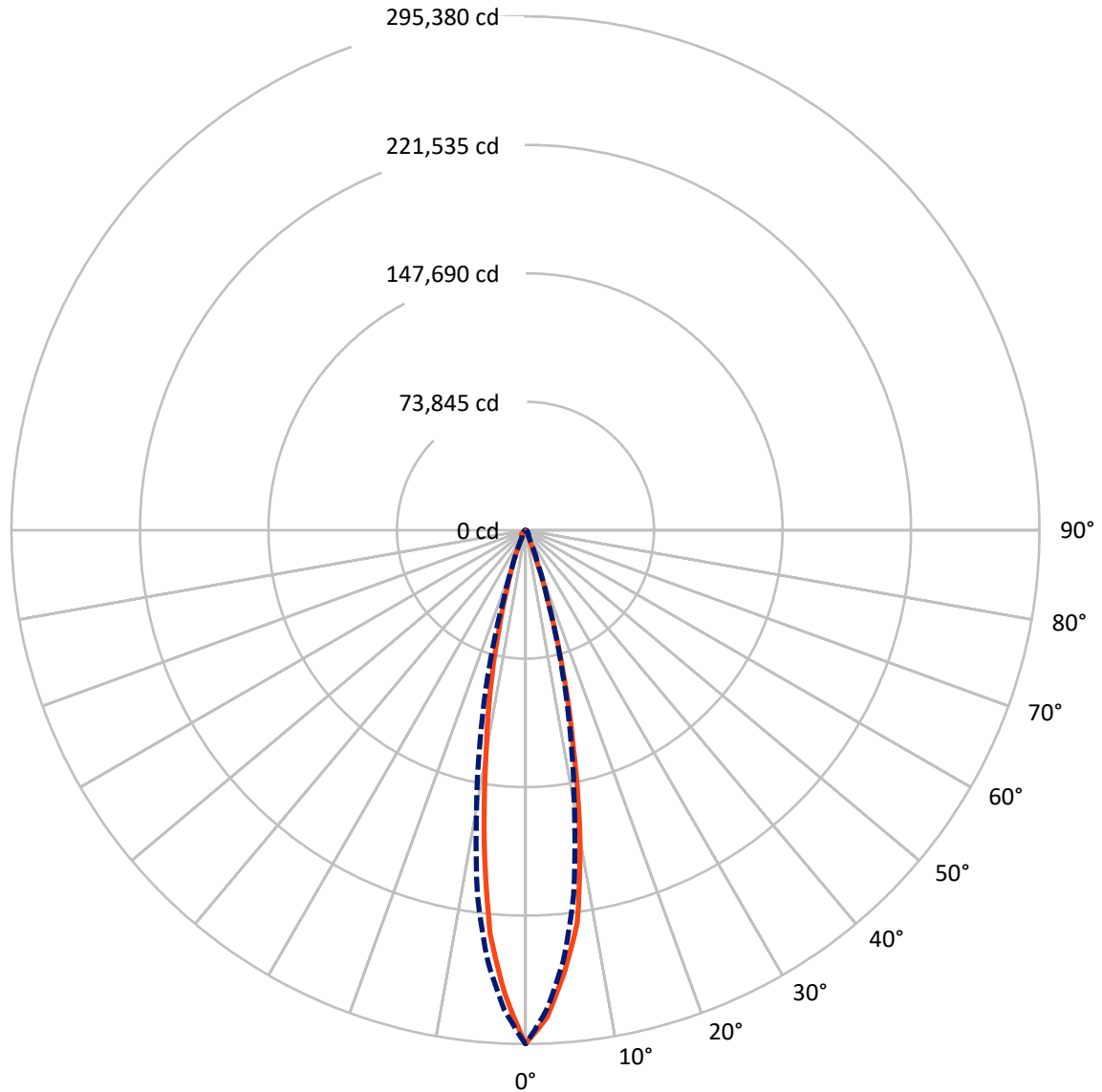
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Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1							
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1							
70	0.1	0.0	0.1	0.4	0.5	0.3	0.2	0.1	0.1	0.2	0.3	0.5	0.4	0.1	0.0	0.1		
60		0.1	0.2	0.4	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.4	0.2	0.1			
50	0.1	0.1	0.3	0.3	0.4	0.6	1.1	0.7	0.7	1.1	0.6	0.4	0.3	0.3	0.1	0.1		
40		0.2	0.6	1.7	3.2	4.6	6.4	7.7	7.7	6.4	4.6	3.2	1.7	0.6	0.2			
30	0.2	0.3	3.0	9.6	22.9	34.7	60.0	113.8	113.8	60.0	34.7	22.9	9.6	3.0	0.3	0.2		
20		0.9	6.4	25.5	58.5	109.4	714.6	2214.4	2214.4	714.6	109.4	58.5	25.5	6.4	0.9			
10	0.2	1.4	8.3	34.3	69.5	219.2	2100.3	6294.7	6294.7	2100.3	219.2	69.5	34.3	8.3	1.4	0.2		
0		1.7	8.9	34.4	69.3	208.9	1975.4	5724.9	5724.9	1975.4	208.9	69.3	34.4	8.9	1.7			
-10	0.4	2.0	8.5	27.5	58.6	101.6	581.1	1682.6	1682.6	581.1	101.6	58.6	27.5	8.5	2.0	0.4		
-20		2.1	8.0	19.5	52.5	78.4	119.2	230.3	230.3	119.2	78.4	52.5	19.5	8.0	2.1			
-30	0.3	1.8	6.9	14.7	36.6	76.1	98.9	110.6	110.6	98.9	76.1	36.6	14.7	6.9	1.8	0.3		
-40		1.3	5.2	12.0	21.7	36.7	62.7	83.6	83.6	62.7	36.7	21.7	12.0	5.2	1.3			
-50	0.2	0.6	3.1	8.0	15.4	23.4	30.4	34.4	34.4	30.4	23.4	15.4	8.0	3.1	0.6	0.2		
-60		0.3	1.0	3.2	6.8	10.9	15.0	17.3	17.3	15.0	10.9	6.8	3.2	1.0	0.3			
-70	0.1	0.6	3.1	8.0	15.4	23.4	30.4	34.4	34.4	30.4	23.4	15.4	8.0	3.1	0.6	0.1		
-80		0.3	1.0	3.2	6.8	10.9	15.0	17.3	17.3	15.0	10.9	6.8	3.2	1.0	0.3			
-90	0.1	0.8	2.3	5.4	7.2	5.4	2.3	0.8	0.1									

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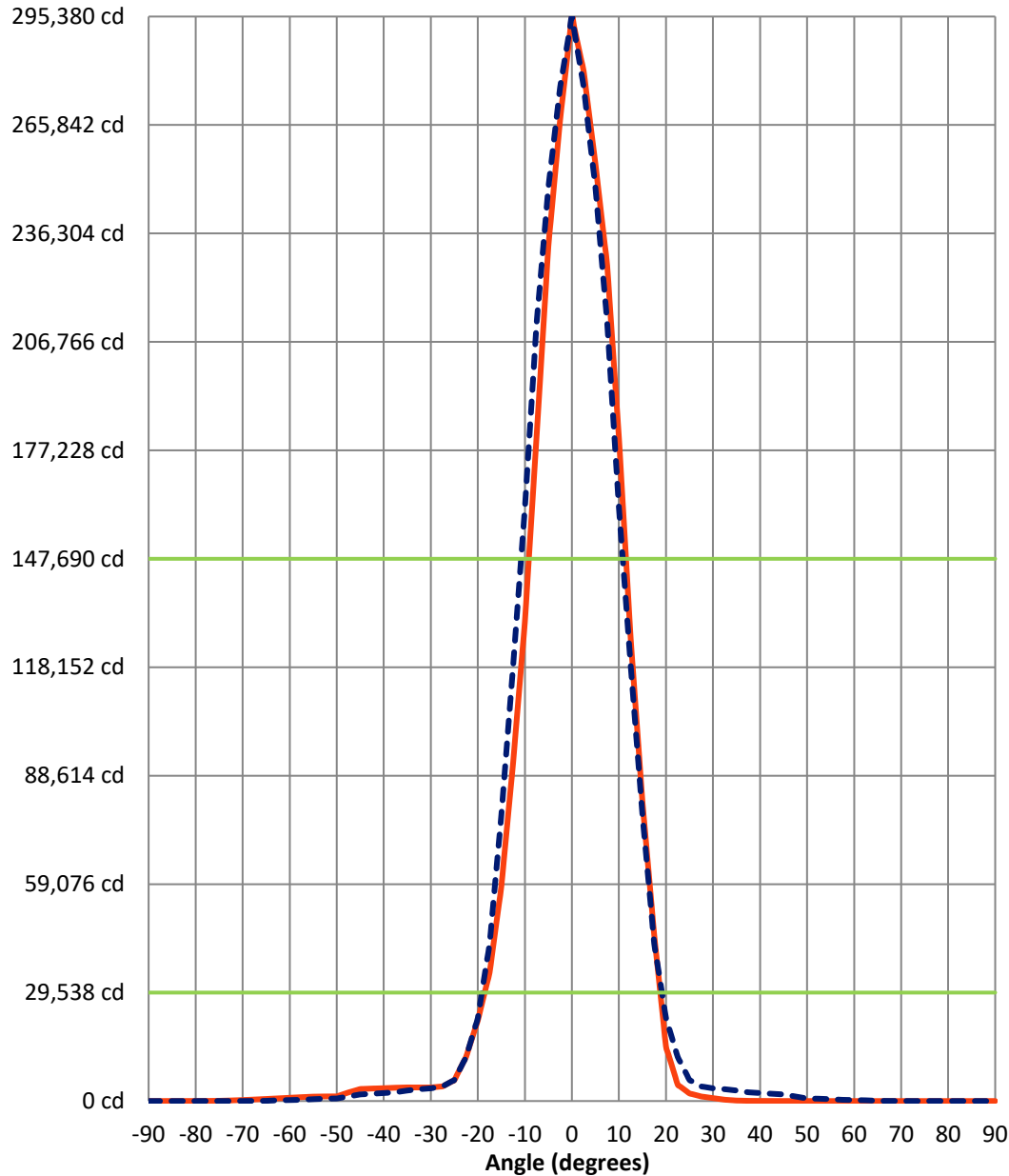
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.6°
 V Angle: 20.7°
 Lumens: 22179.1
 Efficiency: 46.4%

Field:
 H Angle: 38.3°
 V Angle: 37.3°
 Lumens: 40378
 Efficiency: 84.5%

Spill:
 Lumens: 7385.3
 Efficiency: 15.5%

— 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°	3.5	4.1	4.7	5.0	5.3	5.5	5.8	6.1	6.4	6.7	7.0
87.5°	3.5	3.5	3.5	3.2	3.0	2.8	2.6	2.6	2.5	2.4	2.3
85°	3.5	3.6	3.5	3.3	3.1	3.0	2.9	2.8	2.7	2.5	2.3
82.5°	3.5	3.6	3.5	3.3	3.2	3.2	3.2	3.1	2.9	2.7	2.6
80°	3.5	3.6	3.5	3.4	3.3	3.4	3.5	3.3	3.1	3.1	3.1
77.5°	3.5	3.6	3.5	3.4	3.4	3.5	3.5	3.4	3.3	3.4	3.5
75°	3.5	3.7	3.5	3.4	3.5	3.6	3.5	3.5	3.5	3.5	3.5
72.5°	3.5	3.7	3.5	3.5	3.6	3.7	3.6	3.5	3.5	3.5	3.5
70°	3.5	3.7	3.5	3.5	3.7	3.8	3.6	3.5	3.5	3.5	3.6
67.5°	3.5	3.7	3.6	3.6	3.9	3.9	3.6	3.5	3.5	3.7	3.6
65°	3.5	3.8	3.6	3.8	4.0	3.9	3.7	3.5	3.8	3.9	3.8
62.5°	3.5	3.8	3.6	3.9	4.1	4.0	3.7	3.7	4.0	4.1	3.8
60°	3.5	3.8	3.7	4.0	4.3	4.0	3.7	4.0	4.3	4.1	3.9
57.5°	3.5	3.9	3.8	4.1	4.3	4.0	4.0	4.4	4.5	4.2	4.2
55°	3.5	3.9	3.9	4.3	4.3	4.1	4.3	4.7	4.5	4.3	4.7
52.5°	3.5	3.9	4.0	4.4	4.3	4.1	4.6	4.8	4.6	4.8	5.2
50°	3.5	4.0	4.0	4.5	4.4	4.4	4.9	4.9	4.7	5.2	6.3
47.5°	3.5	4.0	4.1	4.6	4.4	4.6	5.1	4.9	5.1	5.6	7.5
45°	3.5	4.0	4.2	4.7	4.4	4.8	5.2	5.0	5.5	6.4	8.4
42.5°	3.5	4.1	4.3	4.7	4.5	5.0	5.2	5.2	5.9	7.1	9.7
40°	3.5	4.1	4.3	4.7	4.6	5.3	5.3	5.6	6.4	7.8	11.0
37.5°	3.5	4.2	4.4	4.7	4.8	5.5	5.3	6.0	7.1	8.7	12.2
35°	3.5	4.2	4.5	4.8	4.9	5.6	5.4	6.4	7.8	10.1	13.3
32.5°	3.5	4.2	4.5	4.8	5.1	5.6	5.5	6.9	8.4	11.6	14.7
30°	3.5	4.3	4.5	4.9	5.2	5.7	5.9	7.3	9.0	13.0	16.2
27.5°	3.5	4.3	4.6	4.9	5.3	5.7	6.2	7.9	9.8	14.5	17.9
25°	3.5	4.4	4.6	5.0	5.4	5.8	6.6	8.3	11.0	15.9	19.7
22.5°	3.5	4.4	4.6	5.1	5.5	5.8	6.9	8.8	12.2	17.3	22.8
20°	3.5	4.4	4.7	5.1	5.6	5.9	7.3	9.2	13.3	18.7	26.4
17.5°	3.5	4.5	4.7	5.2	5.7	6.0	7.6	9.6	14.3	20.1	30.4
15°	3.5	4.5	4.7	5.3	5.7	6.1	7.9	10.0	15.4	21.5	34.5
12.5°	3.5	4.5	4.7	5.4	5.8	6.3	8.3	10.4	16.2	22.9	38.7
10°	3.5	4.6	4.7	5.5	5.8	6.4	8.5	10.7	16.9	24.7	43.1
7.5°	3.5	4.6	4.7	5.6	5.8	6.6	8.8	11.0	17.5	26.5	47.4
5°	3.5	4.6	4.7	5.6	5.8	6.7	9.0	11.3	18.0	28.3	51.5
2.5°	3.5	4.7	4.7	5.7	5.8	6.9	9.2	11.5	18.4	30.0	55.2
0°	3.5	4.7	4.7	5.8	5.8	7.0	9.4	11.7	18.7	31.6	58.5
-2.5°	3.5	4.7	4.7	5.9	6.0	7.4	10.3	14.4	24.4	41.6	72.9
-5°	3.5	4.7	4.8	5.9	6.2	7.7	11.2	17.1	29.8	51.2	86.5
-7.5°	3.5	4.8	4.8	6.0	6.4	8.1	12.0	19.5	34.8	60.1	99.1
-10°	3.5	4.8	4.9	6.1	6.6	8.4	12.7	21.7	39.4	68.1	110.5
-12.5°	3.5	4.8	4.9	6.1	6.8	8.7	13.4	23.6	43.3	75.0	120.1
-15°	3.5	4.8	5.0	6.2	7.0	9.0	13.9	25.1	47.1	80.9	128.0
-17.5°	3.5	4.8	5.0	6.2	7.1	9.2	14.3	26.8	50.9	85.8	134.0
-20°	3.5	4.8	5.1	6.2	7.3	9.4	14.7	28.5	53.7	89.6	137.9



REPORT NUMBER: P1305453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.5	4.8	5.1	6.2	7.4	9.5	15.3	29.5	55.5	92.3	139.5
-25°	3.5	4.8	5.2	6.2	7.5	9.7	15.5	29.8	56.2	93.9	138.8
-27.5°	3.5	4.8	5.2	6.2	7.5	9.8	15.4	29.3	55.7	94.4	139.8
-30°	3.5	4.8	5.3	6.2	7.6	9.9	14.9	27.9	54.9	93.7	139.5
-32.5°	3.5	4.8	5.3	6.2	7.7	9.9	14.0	27.1	53.3	91.3	137.6
-35°	3.5	4.8	5.3	6.2	7.7	9.8	13.6	26.1	50.5	87.3	134.1
-37.5°	3.5	4.8	5.4	6.2	7.8	9.7	13.5	24.4	46.4	81.5	125.8
-40°	3.5	4.8	5.4	6.1	7.8	9.7	13.3	22.2	41.0	75.4	115.6
-42.5°	3.5	4.8	5.4	6.1	7.8	9.7	12.9	19.4	36.7	66.8	103.7
-45°	3.5	4.7	5.5	6.1	7.7	9.7	12.5	17.2	32.8	57.0	90.5
-47.5°	3.5	4.7	5.5	6.0	7.7	9.6	11.9	16.5	28.0	46.1	78.1
-50°	3.5	4.7	5.5	6.1	7.6	9.5	11.7	15.6	22.2	39.5	64.5
-52.5°	3.5	4.7	5.6	6.1	7.5	9.4	11.5	14.7	19.5	32.2	50.3
-55°	3.5	4.7	5.6	6.1	7.4	9.2	11.3	13.6	18.0	24.4	41.3
-57.5°	3.5	4.6	5.6	6.2	7.3	9.0	11.0	13.3	16.5	21.1	31.6
-60°	3.5	4.6	5.7	6.2	7.1	8.8	10.7	12.9	15.0	19.1	23.9
-62.5°	3.5	4.6	5.6	6.2	7.1	8.6	10.4	12.4	14.4	16.9	21.3
-65°	3.5	4.5	5.5	6.1	7.0	8.3	10.0	11.8	13.7	15.8	18.6
-67.5°	3.5	4.5	5.5	6.1	6.8	8.0	9.6	11.3	13.0	14.9	17.0
-70°	3.5	4.5	5.4	6.1	6.7	7.7	9.2	10.6	12.2	13.9	15.8
-72.5°	3.5	4.4	5.3	5.9	6.6	7.5	8.7	10.0	11.4	12.9	14.6
-75°	3.5	4.4	5.2	5.8	6.4	7.1	8.2	9.3	10.5	11.8	13.3
-77.5°	3.5	4.3	5.1	5.7	6.2	6.8	7.6	8.7	9.7	10.8	11.9
-80°	3.5	4.3	5.1	5.5	6.0	6.5	7.0	8.0	9.0	9.9	10.9
-82.5°	3.5	4.2	5.0	5.4	5.8	6.3	6.7	7.4	8.2	9.1	10.0
-85°	3.5	4.2	4.9	5.3	5.6	6.0	6.4	7.0	7.6	8.3	9.0
-87.5°	3.5	4.1	4.8	5.1	5.4	5.8	6.1	6.5	7.0	7.5	8.0
-90°	3.5	3.5	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3



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 CATALOG NUMBER: EPH-08-320L-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.0	7.0	7.0	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1
87.5°	2.2	2.0	1.9	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.2
85°	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2	1.2
82.5°	2.7	2.6	2.5	2.3	2.1	1.8	1.5	1.4	1.4	1.4	1.3
80°	3.1	2.9	2.6	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.7
77.5°	3.3	3.0	2.7	2.4	2.3	2.5	2.7	2.9	2.9	2.8	2.6
75°	3.3	3.0	2.9	2.9	3.1	3.3	3.5	3.5	3.4	3.3	3.3
72.5°	3.4	3.3	3.3	3.5	3.5	3.5	3.5	3.5	4.5	5.8	6.6
70°	3.5	3.5	3.5	3.5	3.5	3.8	5.5	7.8	10.2	11.5	12.6
67.5°	3.5	3.5	3.5	3.6	4.5	6.2	8.9	13.9	19.3	20.6	20.4
65°	3.5	3.5	3.9	4.7	5.7	10.0	15.5	21.9	26.6	25.8	24.2
62.5°	3.5	4.0	4.8	6.5	9.9	15.1	20.1	24.6	29.1	28.3	24.4
60°	4.0	4.6	6.5	10.0	13.8	17.5	22.2	25.2	28.1	28.8	22.1
57.5°	4.5	6.0	9.2	12.8	16.0	18.8	20.5	23.1	24.1	23.5	17.2
55°	5.5	7.9	11.4	14.8	17.1	16.4	17.5	18.3	18.0	16.7	12.2
52.5°	7.2	9.8	13.2	16.0	16.3	14.8	13.8	14.0	12.9	11.0	9.5
50°	8.6	11.6	14.7	16.3	15.6	13.3	11.1	10.7	10.0	9.0	8.2
47.5°	10.2	13.3	15.8	16.7	14.4	12.4	10.2	9.5	9.0	9.2	8.7
45°	11.7	14.7	17.2	15.8	13.8	12.1	11.3	9.4	10.5	11.2	11.7
42.5°	13.2	15.9	16.9	15.1	14.0	14.0	13.8	13.4	14.0	16.9	18.5
40°	14.3	17.0	16.9	16.6	15.3	17.6	19.8	21.5	21.7	25.4	28.4
37.5°	15.3	17.5	18.4	20.8	19.7	23.9	27.6	42.2	42.8	35.3	48.0
35°	16.2	18.4	24.2	30.9	33.5	32.6	53.3	72.5	77.2	69.4	82.4
32.5°	17.2	19.7	32.1	47.7	61.8	62.8	86.4	117.0	133.1	138.5	145.6
30°	19.0	27.0	44.3	68.9	102.8	130.5	141.8	174.7	204.3	263.9	305.5
27.5°	22.4	36.6	64.6	106.7	158.7	211.0	229.0	251.9	329.7	435.2	539.4
25°	26.5	56.7	87.8	156.8	236.3	294.4	317.2	348.1	495.2	698.9	818.6
22.5°	37.1	82.7	122.9	214.5	322.3	375.6	405.5	516.3	741.3	1011.8	1133.2
20°	56.1	113.7	165.5	262.7	408.7	456.2	489.7	720.3	1047.8	1304.8	1495.2
17.5°	78.0	144.7	207.9	313.5	446.1	517.6	587.6	945.5	1369.1	1595.0	1819.2
15°	102.2	175.6	244.7	358.7	480.0	554.4	738.2	1200.3	1659.5	1879.9	2103.5
12.5°	127.8	206.0	276.2	398.4	513.5	588.7	874.9	1382.0	1814.7	2104.6	2373.0
10°	153.9	235.7	303.1	432.7	545.9	620.5	1002.9	1536.4	1896.9	2154.9	2458.9
7.5°	171.6	255.0	324.1	461.8	576.7	649.7	1118.8	1663.9	1952.7	2180.0	2450.2
5°	185.6	262.4	332.1	482.4	602.0	672.7	1210.1	1764.5	1986.7	2183.9	2404.9
2.5°	196.7	267.3	338.4	498.4	622.2	687.4	1240.3	1795.5	1993.4	2183.8	2383.1
0°	204.7	270.2	342.7	509.9	638.6	699.4	1246.8	1802.4	1988.3	2179.0	2391.8
-2.5°	211.9	278.5	356.1	519.7	639.3	700.8	1240.6	1794.4	2010.7	2231.7	2485.9
-5°	216.4	285.2	367.2	524.7	636.8	700.0	1212.4	1762.3	2008.4	2232.6	2501.5
-7.5°	218.5	290.3	375.4	524.1	628.0	690.5	1137.4	1660.0	1929.5	2140.7	2422.6
-10°	219.2	296.4	380.7	513.0	611.6	674.5	1040.7	1538.5	1842.2	2040.1	2313.6
-12.5°	221.2	303.5	384.1	500.4	595.3	656.4	931.3	1400.6	1747.7	1932.2	2189.1
-15°	221.0	309.0	385.8	487.5	580.1	636.1	811.9	1248.3	1677.3	1911.7	2121.6
-17.5°	219.0	312.8	386.0	475.1	567.0	613.7	688.9	1113.8	1619.1	1903.2	2107.0
-20°	215.2	315.0	384.8	464.1	554.9	604.3	665.5	983.4	1464.3	1873.2	2101.1



REPORT NUMBER: P1305453 (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°	209.8	315.7	383.4	458.5	545.3	607.3	659.8	840.6	1259.7	1823.5	2062.0
-25°	206.8	306.4	381.9	451.9	535.1	611.0	653.9	708.9	1057.7	1573.2	1970.2
-27.5°	205.2	295.7	373.2	441.1	522.1	610.1	654.5	701.0	886.9	1287.4	1828.3
-30°	200.5	278.1	361.3	427.0	506.7	592.9	658.8	695.2	747.4	1058.1	1499.5
-32.5°	190.5	259.6	341.9	411.6	486.7	572.7	654.3	695.0	739.6	831.8	1188.0
-35°	179.9	245.1	319.7	392.6	462.1	545.6	625.3	693.6	732.1	779.8	939.0
-37.5°	171.5	228.7	296.9	369.2	437.8	512.9	593.2	668.6	726.3	774.3	835.0
-40°	160.9	210.6	276.1	343.9	411.0	480.4	555.6	631.4	704.2	777.2	832.4
-42.5°	148.2	196.5	254.4	318.1	382.4	449.1	516.2	589.4	674.3	766.1	837.1
-45°	133.1	180.1	231.6	290.6	351.1	415.3	480.2	546.2	635.8	730.2	819.1
-47.5°	116.1	161.2	210.3	261.1	318.2	378.0	441.3	510.4	588.9	679.0	775.9
-50°	98.1	140.0	185.8	233.0	283.9	339.2	397.6	467.5	541.3	620.3	707.8
-52.5°	81.2	116.8	159.2	204.1	250.3	299.8	354.5	417.0	486.3	559.8	633.3
-55°	62.9	94.9	130.3	172.4	216.6	261.2	309.1	364.5	424.7	491.8	557.6
-57.5°	48.8	72.2	102.7	137.9	179.1	222.2	264.6	309.7	362.4	419.6	475.1
-60°	36.9	53.0	75.5	105.3	138.3	177.2	217.8	258.9	301.4	343.9	391.2
-62.5°	26.1	38.5	53.5	73.2	101.5	130.3	164.3	202.1	242.1	278.6	313.5
-65°	22.9	26.5	36.7	50.6	65.2	89.1	114.8	141.2	174.2	206.9	240.2
-67.5°	19.4	22.8	26.1	31.3	43.9	56.4	68.9	91.3	114.2	135.1	157.4
-70°	17.6	19.3	22.0	25.0	27.8	33.0	43.9	54.7	65.1	77.6	95.2
-72.5°	16.1	17.5	19.0	20.7	23.2	25.7	28.1	30.5	36.8	45.3	53.3
-75°	14.5	15.6	16.8	18.2	19.6	21.1	22.8	25.0	26.9	28.8	30.8
-77.5°	13.0	13.9	14.9	15.8	16.7	17.9	19.2	20.5	21.6	22.7	23.9
-80°	11.5	12.2	13.0	13.9	14.5	15.2	15.9	16.6	17.2	17.9	18.6
-82.5°	10.4	10.8	11.3	11.9	12.3	12.7	13.0	13.4	14.1	14.6	15.1
-85°	9.2	9.4	9.6	9.9	10.4	10.8	11.2	11.5	11.8	12.1	12.4
-87.5°	8.1	8.2	8.3	8.4	8.7	9.1	9.5	9.8	10.0	10.1	10.2
-90°	2.0	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.4	9.4	9.4	9.4	9.4	9.7	10.0	10.2	10.5	10.5	10.5
87.5°	1.2	1.2	1.1	1.1	1.1	0.8	0.6	0.3	0.0	0.0	0.0
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.5	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	2.5	2.3	2.0	1.7	1.3	1.2	1.2	1.2	1.2	1.2	1.2
75°	3.4	3.3	3.2	2.9	2.4	2.3	2.3	2.3	2.1	2.1	2.2
72.5°	7.1	7.1	6.6	6.1	5.3	4.8	4.7	4.5	4.3	4.1	4.0
70°	12.9	12.5	11.8	10.5	8.7	7.5	6.9	6.0	5.1	4.7	4.6
67.5°	18.6	16.7	15.1	13.3	11.0	9.0	7.9	6.9	5.9	5.4	5.2
65°	21.5	17.2	14.3	12.1	10.4	8.8	7.6	6.5	5.5	4.9	4.8
62.5°	19.7	14.3	11.3	9.5	8.0	6.9	6.0	5.2	4.4	3.9	4.1
60°	16.2	11.1	8.5	7.4	6.5	5.9	5.1	4.4	3.9	3.6	3.9
57.5°	12.4	8.8	6.9	6.5	5.8	5.1	4.5	4.3	4.3	4.3	4.5
55°	9.2	7.8	7.0	6.2	5.5	4.9	4.7	4.9	4.9	4.7	4.7
52.5°	7.9	7.2	6.3	5.6	5.5	5.5	5.7	5.5	5.4	5.4	5.5
50°	7.7	7.0	6.4	5.8	6.0	6.0	5.8	6.1	6.4	6.5	6.7
47.5°	8.3	7.8	8.2	6.9	7.2	8.1	8.1	8.3	9.3	9.8	10.0
45°	10.9	13.3	13.3	12.3	11.8	17.1	17.4	14.6	23.8	22.8	16.1
42.5°	20.2	21.4	21.5	26.9	36.3	41.4	54.9	76.4	71.6	55.6	33.6
40°	33.4	31.7	38.7	49.7	60.7	73.7	92.2	128.7	122.5	98.1	107.8
37.5°	57.6	57.6	61.0	76.2	80.5	69.3	98.4	95.1	75.7	106.6	112.8
35°	105.4	115.9	98.4	122.0	125.2	115.2	120.8	133.5	115.5	138.2	147.9
32.5°	189.2	208.8	211.3	217.1	234.5	247.9	244.1	275.3	276.8	306.2	346.5
30°	302.5	343.0	385.0	391.5	413.2	448.4	466.2	528.9	595.4	638.9	718.9
27.5°	531.6	541.6	626.1	692.6	666.1	718.9	851.0	927.5	1054.5	1130.2	1210.7
25°	853.8	881.4	1000.4	1123.0	1139.3	1187.5	1379.4	1488.9	1619.8	1696.2	1862.2
22.5°	1262.6	1381.5	1512.6	1673.8	1739.9	1853.2	2039.7	2200.3	2473.0	2810.6	3537.8
20°	1718.1	1896.8	2072.9	2214.5	2350.9	2531.1	2758.0	3533.0	4451.4	7218.4	9127.5
17.5°	2107.9	2400.5	2568.8	2706.0	2877.2	3224.7	4125.5	6409.4	10813.7	16974.1	22613.1
15°	2411.1	2684.2	2954.9	3126.9	3394.4	4163.6	5996.5	11597.8	20724.1	31123.3	43707.3
12.5°	2651.3	2878.2	3105.5	3358.5	3853.0	5352.1	10015.4	18665.5	31936.9	48746.5	71055.6
10°	2781.1	3008.1	3227.5	3587.6	4502.9	7232.6	13768.2	25175.7	46005.0	72257.8	100689.2
7.5°	2780.2	3056.9	3328.2	3767.5	5165.3	9479.8	18188.8	33625.4	58262.8	91176.4	127779.3
5°	2778.7	3113.5	3397.7	3893.5	5579.5	11013.4	20932.7	38304.9	68243.8	105386.9	144579.6
2.5°	2805.6	3174.1	3442.6	3976.4	5771.5	11836.3	22454.8	42001.0	75221.8	113475.3	155355.8
0°	2869.0	3228.1	3469.0	3984.8	5748.6	12006.0	22631.9	42895.3	77907.4	118548.2	161524.8
-2.5°	2974.0	3220.3	3454.1	3951.2	5671.9	11655.8	22218.4	42115.2	74795.5	112903.2	154496.5
-5°	2910.8	3109.8	3316.5	3763.8	5295.8	10428.1	20013.8	37686.2	65598.8	99819.7	135450.2
-7.5°	2748.7	2950.3	3141.9	3527.5	4753.5	8605.6	16371.5	30274.3	52075.8	78726.9	106712.4
-10°	2600.9	2781.7	2962.1	3270.5	4061.6	6311.9	11715.2	21425.6	38021.4	58111.6	79498.2
-12.5°	2487.0	2639.0	2777.9	2984.6	3424.5	4681.4	8523.0	15729.9	25532.1	38322.5	53974.4
-15°	2386.9	2505.0	2607.2	2806.1	3133.1	3789.7	5310.7	9428.0	15535.7	23595.1	32141.5
-17.5°	2294.2	2407.5	2528.2	2679.8	2885.7	3200.9	4074.6	5806.5	9330.1	14594.7	19635.1
-20°	2246.9	2385.4	2489.2	2607.8	2782.5	3024.7	3331.8	4190.9	5643.2	8878.7	12156.0



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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°	2209.5	2341.7	2460.0	2597.6	2777.1	2968.3	3134.0	3396.4	4081.5	5097.7	6789.5
-25°	2164.0	2294.3	2469.3	2669.6	2823.8	2968.3	3052.4	3107.1	3401.1	3691.6	4339.3
-27.5°	2077.5	2284.0	2541.1	2757.4	2923.3	3013.0	3080.7	3125.0	3301.3	3474.5	3662.9
-30°	2000.3	2316.8	2594.4	2845.9	2990.3	3099.9	3188.2	3268.1	3389.9	3536.5	3605.1
-32.5°	1726.1	2307.9	2616.7	2848.1	2996.5	3125.9	3262.0	3335.8	3443.1	3550.5	3637.1
-35°	1355.8	1947.1	2592.6	2725.1	2872.5	3041.0	3204.5	3309.6	3418.8	3529.5	3631.5
-37.5°	1015.7	1457.8	1981.4	2460.2	2657.9	2830.5	3031.1	3192.9	3335.9	3456.5	3572.7
-40°	890.2	1010.2	1395.3	1775.6	2179.5	2550.2	2748.6	2965.2	3180.4	3329.4	3462.0
-42.5°	888.8	934.8	974.2	1229.0	1539.8	1858.6	2195.9	2510.3	2860.4	3105.8	3291.9
-45°	894.5	930.3	966.9	1003.9	1037.8	1272.4	1518.4	1767.8	2133.1	2495.8	2809.3
-47.5°	852.0	921.0	964.9	1000.3	1033.8	1066.8	1099.0	1166.2	1399.8	1647.0	1872.9
-50°	784.4	855.6	921.0	986.5	1025.0	1057.5	1092.5	1130.9	1168.3	1206.3	1231.5
-52.5°	701.6	771.6	839.7	901.9	957.9	1012.9	1068.0	1112.7	1152.6	1191.5	1210.9
-55°	622.4	685.4	747.4	802.1	856.8	911.1	965.8	1020.2	1074.3	1127.4	1154.6
-57.5°	534.5	595.7	654.0	700.1	746.5	792.8	842.5	893.7	943.0	988.2	1012.0
-60°	441.2	493.7	543.6	588.3	631.8	673.7	715.8	758.5	800.2	837.0	858.6
-62.5°	348.5	388.9	430.6	469.5	506.6	542.3	580.7	617.5	652.2	681.5	701.8
-65°	272.8	303.0	329.7	356.7	384.1	415.5	447.2	477.1	505.2	528.4	545.8
-67.5°	185.3	213.0	237.4	260.4	281.4	302.8	325.5	347.4	368.0	385.2	398.6
-70°	112.0	127.7	141.6	157.1	175.4	193.4	211.4	228.0	243.1	255.5	265.3
-72.5°	60.9	67.5	74.6	85.8	96.0	106.2	116.3	125.5	133.9	141.3	147.8
-75°	32.7	35.6	40.7	45.3	49.5	53.6	57.6	61.3	64.6	67.3	69.6
-77.5°	25.3	26.7	27.9	29.0	30.0	30.9	31.8	32.6	33.4	34.2	34.9
-80°	19.4	20.4	21.3	22.2	23.0	23.6	24.1	24.6	24.9	25.4	25.9
-82.5°	15.6	16.0	16.4	16.9	17.4	17.8	18.3	18.8	19.3	19.5	19.6
-85°	12.7	12.9	13.1	13.2	13.3	13.5	13.6	13.8	13.8	13.9	13.9
-87.5°	10.3	10.3	10.4	10.4	10.4	10.7	11.0	11.3	11.7	11.7	11.7
-90°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-320L-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.2
87.5°	0.0	0.0	0.6	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.3
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.3
72.5°	3.7	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.1	4.3	4.5
70°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.7	5.1	6.0
67.5°	5.0	4.7	4.2	3.5	4.2	4.7	5.0	5.2	5.4	5.9	6.9
65°	4.7	4.7	4.2	3.5	4.2	4.7	4.7	4.8	4.9	5.5	6.5
62.5°	4.3	4.6	4.2	3.5	4.2	4.6	4.3	4.1	3.9	4.4	5.2
60°	4.3	4.6	4.7	4.7	4.7	4.6	4.3	3.9	3.6	3.9	4.4
57.5°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.3	4.3	4.3
55°	4.7	4.7	5.1	5.8	5.1	4.7	4.7	4.7	4.7	4.9	4.9
52.5°	5.6	5.7	5.8	5.8	5.8	5.7	5.6	5.5	5.4	5.4	5.5
50°	6.8	6.9	7.0	7.0	7.0	6.9	6.8	6.7	6.5	6.4	6.1
47.5°	9.9	9.6	9.4	9.4	9.4	9.6	9.9	10.0	9.8	9.3	8.3
45°	16.3	16.3	16.2	16.4	16.2	16.3	16.3	16.1	22.8	23.8	14.6
42.5°	32.7	29.5	27.0	28.1	27.0	29.5	32.7	33.6	55.6	71.6	76.4
40°	96.2	66.1	38.3	38.6	38.3	66.1	96.2	107.8	98.1	122.5	128.7
37.5°	89.9	72.6	65.5	64.3	65.5	72.6	89.9	112.8	106.6	75.7	95.1
35°	148.4	147.5	141.0	140.4	141.0	147.5	148.4	147.9	138.2	115.5	133.5
32.5°	362.1	376.9	372.1	366.1	372.1	376.9	362.1	346.5	306.2	276.8	275.3
30°	756.8	789.7	783.1	801.2	783.1	789.7	756.8	718.9	638.9	595.4	528.9
27.5°	1255.2	1276.8	1254.6	1248.0	1254.6	1276.8	1255.2	1210.7	1130.2	1054.5	927.5
25°	1975.6	2017.4	2036.7	2076.0	2036.7	2017.4	1975.6	1862.2	1696.2	1619.8	1488.9
22.5°	4442.0	4700.8	4567.9	4449.2	4567.9	4700.8	4442.0	3537.8	2810.6	2473.0	2200.3
20°	13035.9	15338.3	15168.6	14865.7	15168.6	15338.3	13035.9	9127.5	7218.4	4451.4	3533.0
17.5°	31433.4	38506.8	42911.8	45229.8	42911.8	38506.8	31433.4	22613.1	16974.1	10813.7	6409.4
15°	58641.6	70539.0	77524.5	81486.4	77524.5	70539.0	58641.6	43707.3	31123.3	20724.1	11597.8
12.5°	92503.2	111150.6	123521.5	125886.4	123521.5	111150.6	92503.2	71055.6	48746.5	31936.9	18665.5
10°	129789.4	153672.4	173369.4	180553.1	173369.4	153672.4	129789.4	100689.2	72257.8	46005.0	25175.7
7.5°	161633.0	192110.5	218265.2	227567.7	218265.2	192110.5	161633.0	127779.3	91176.4	58262.8	33625.4
5°	184788.3	225218.0	248892.4	255280.3	248892.4	225218.0	184788.3	144579.6	105386.9	68243.8	38304.9
2.5°	203636.9	242014.6	267396.8	280483.6	267396.8	242014.6	203636.9	155355.8	113475.3	75221.8	42001.0
0°	211924.2	248805.4	276180.0	295380.2	276180.0	248805.4	211924.2	161524.8	118548.2	77907.4	42895.3
-2.5°	201739.7	239455.9	258928.8	267344.2	258928.8	239455.9	201739.7	154496.5	112903.2	74795.5	42115.2
-5°	171521.0	207075.2	226646.9	232864.9	226646.9	207075.2	171521.0	135450.2	99819.7	65598.8	37686.2
-7.5°	133793.5	158425.4	175311.4	181196.4	175311.4	158425.4	133793.5	106712.4	78726.9	52075.8	30274.3
-10°	100743.6	118409.0	127457.8	130516.2	127457.8	118409.0	100743.6	79498.2	58111.6	38021.4	21425.6
-12.5°	69176.0	82474.6	88323.8	92166.6	88323.8	82474.6	69176.0	53974.4	38322.5	25532.1	15729.9
-15°	42552.1	51221.7	55827.5	58456.9	55827.5	51221.7	42552.1	32141.5	23595.1	15535.7	9428.0
-17.5°	25852.6	30565.2	33617.5	35000.4	33617.5	30565.2	25852.6	19635.1	14594.7	9330.1	5806.5
-20°	16050.0	19187.7	20969.9	21992.1	20969.9	19187.7	16050.0	12156.0	8878.7	5643.2	4190.9



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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°	9016.4	10738.0	11703.5	12039.9	11703.5	10738.0	9016.4	6789.5	5097.7	4081.5	3396.4
-25°	5013.9	5452.1	5643.9	5689.0	5643.9	5452.1	5013.9	4339.3	3691.6	3401.1	3107.1
-27.5°	3826.3	3919.7	3978.9	3996.5	3978.9	3919.7	3826.3	3662.9	3474.5	3301.3	3125.0
-30°	3670.3	3680.1	3696.3	3693.6	3696.3	3680.1	3670.3	3605.1	3536.5	3389.9	3268.1
-32.5°	3698.2	3701.7	3705.0	3699.5	3705.0	3701.7	3698.2	3637.1	3550.5	3443.1	3335.8
-35°	3687.1	3697.7	3706.0	3710.0	3706.0	3697.7	3687.1	3631.5	3529.5	3418.8	3309.6
-37.5°	3618.9	3633.5	3640.6	3634.0	3640.6	3633.5	3618.9	3572.7	3456.5	3335.9	3192.9
-40°	3493.8	3504.3	3505.0	3499.5	3505.0	3504.3	3493.8	3462.0	3329.4	3180.4	2965.2
-42.5°	3348.7	3385.6	3403.1	3403.6	3403.1	3385.6	3348.7	3291.9	3105.8	2860.4	2510.3
-45°	3008.1	3162.2	3253.7	3276.1	3253.7	3162.2	3008.1	2809.3	2495.8	2133.1	1767.8
-47.5°	2053.4	2206.6	2306.2	2343.9	2306.2	2206.6	2053.4	1872.9	1647.0	1399.8	1166.2
-50°	1249.9	1268.5	1276.7	1274.9	1276.7	1268.5	1249.9	1231.5	1206.3	1168.3	1130.9
-52.5°	1225.7	1240.4	1249.4	1253.8	1249.4	1240.4	1225.7	1210.9	1191.5	1152.6	1112.7
-55°	1176.9	1195.3	1204.7	1207.0	1204.7	1195.3	1176.9	1154.6	1127.4	1074.3	1020.2
-57.5°	1032.0	1048.0	1057.2	1060.8	1057.2	1048.0	1032.0	1012.0	988.2	943.0	893.7
-60°	876.0	889.4	895.3	895.9	895.3	889.4	876.0	858.6	837.0	800.2	758.5
-62.5°	718.8	732.1	736.5	735.7	736.5	732.1	718.8	701.8	681.5	652.2	617.5
-65°	560.4	572.0	574.3	571.9	574.3	572.0	560.4	545.8	528.4	505.2	477.1
-67.5°	410.0	419.1	421.7	421.1	421.7	419.1	410.0	398.6	385.2	368.0	347.4
-70°	273.2	279.0	278.8	276.0	278.8	279.0	273.2	265.3	255.5	243.1	228.0
-72.5°	153.3	157.7	161.3	163.7	161.3	157.7	153.3	147.8	141.3	133.9	125.5
-75°	71.4	72.8	74.6	76.0	74.6	72.8	71.4	69.6	67.3	64.6	61.3
-77.5°	35.6	36.1	36.8	37.4	36.8	36.1	35.6	34.9	34.2	33.4	32.6
-80°	26.4	26.8	26.9	26.9	26.9	26.8	26.4	25.9	25.4	24.9	24.6
-82.5°	19.7	19.8	19.9	19.9	19.9	19.8	19.7	19.6	19.5	19.3	18.8
-85°	14.0	14.0	14.6	15.2	14.6	14.0	14.0	13.9	13.9	13.8	13.8
-87.5°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.3
-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°	10.0	9.7	9.4	9.4	9.4	9.4	9.4	9.1	8.8	8.5	8.2
87.5°	0.6	0.8	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4
80°	1.2	1.2	1.2	1.4	1.5	1.5	1.5	1.7	1.9	2.0	2.1
77.5°	1.2	1.2	1.3	1.7	2.0	2.3	2.5	2.6	2.8	2.9	2.9
75°	2.3	2.3	2.4	2.9	3.2	3.3	3.4	3.3	3.3	3.4	3.5
72.5°	4.7	4.8	5.3	6.1	6.6	7.1	7.1	6.6	5.8	4.5	3.5
70°	6.9	7.5	8.7	10.5	11.8	12.5	12.9	12.6	11.5	10.2	7.8
67.5°	7.9	9.0	11.0	13.3	15.1	16.7	18.6	20.4	20.6	19.3	13.9
65°	7.6	8.8	10.4	12.1	14.3	17.2	21.5	24.2	25.8	26.6	21.9
62.5°	6.0	6.9	8.0	9.5	11.3	14.3	19.7	24.4	28.3	29.1	24.6
60°	5.1	5.9	6.5	7.4	8.5	11.1	16.2	22.1	28.8	28.1	25.2
57.5°	4.5	5.1	5.8	6.5	6.9	8.8	12.4	17.2	23.5	24.1	23.1
55°	4.7	4.9	5.5	6.2	7.0	7.8	9.2	12.2	16.7	18.0	18.3
52.5°	5.7	5.5	5.5	5.6	6.3	7.2	7.9	9.5	11.0	12.9	14.0
50°	5.8	6.0	6.0	5.8	6.4	7.0	7.7	8.2	9.0	10.0	10.7
47.5°	8.1	8.1	7.2	6.9	8.2	7.8	8.3	8.7	9.2	9.0	9.5
45°	17.4	17.1	11.8	12.3	13.3	13.3	10.9	11.7	11.2	10.5	9.4
42.5°	54.9	41.4	36.3	26.9	21.5	21.4	20.2	18.5	16.9	14.0	13.4
40°	92.2	73.7	60.7	49.7	38.7	31.7	33.4	28.4	25.4	21.7	21.5
37.5°	98.4	69.3	80.5	76.2	61.0	57.6	57.6	48.0	35.3	42.8	42.2
35°	120.8	115.2	125.2	122.0	98.4	115.9	105.4	82.4	69.4	77.2	72.5
32.5°	244.1	247.9	234.5	217.1	211.3	208.8	189.2	145.6	138.5	133.1	117.0
30°	466.2	448.4	413.2	391.5	385.0	343.0	302.5	305.5	263.9	204.3	174.7
27.5°	851.0	718.9	666.1	692.6	626.1	541.6	531.6	539.4	435.2	329.7	251.9
25°	1379.4	1187.5	1139.3	1123.0	1000.4	881.4	853.8	818.6	698.9	495.2	348.1
22.5°	2039.7	1853.2	1739.9	1673.8	1512.6	1381.5	1262.6	1133.2	1011.8	741.3	516.3
20°	2758.0	2531.1	2350.9	2214.5	2072.9	1896.8	1718.1	1495.2	1304.8	1047.8	720.3
17.5°	4125.5	3224.7	2877.2	2706.0	2568.8	2400.5	2107.9	1819.2	1595.0	1369.1	945.5
15°	5996.5	4163.6	3394.4	3126.9	2954.9	2684.2	2411.1	2103.5	1879.9	1659.5	1200.3
12.5°	10015.4	5352.1	3853.0	3358.5	3105.5	2878.2	2651.3	2373.0	2104.6	1814.7	1382.0
10°	13768.2	7232.6	4502.9	3587.6	3227.5	3008.1	2781.1	2458.9	2154.9	1896.9	1536.4
7.5°	18188.8	9479.8	5165.3	3767.5	3328.2	3056.9	2780.2	2450.2	2180.0	1952.7	1663.9
5°	20932.7	11013.4	5579.5	3893.5	3397.7	3113.5	2778.7	2404.9	2183.9	1986.7	1764.5
2.5°	22454.8	11836.3	5771.5	3976.4	3442.6	3174.1	2805.6	2383.1	2183.8	1993.4	1795.5
0°	22631.9	12006.0	5748.6	3984.8	3469.0	3228.1	2869.0	2391.8	2179.0	1988.3	1802.4
-2.5°	22218.4	11655.8	5671.9	3951.2	3454.1	3220.3	2974.0	2485.9	2231.7	2010.7	1794.4
-5°	20013.8	10428.1	5295.8	3763.8	3316.5	3109.8	2910.8	2501.5	2232.6	2008.4	1762.3
-7.5°	16371.5	8605.6	4753.5	3527.5	3141.9	2950.3	2748.7	2422.6	2140.7	1929.5	1660.0
-10°	11715.2	6311.9	4061.6	3270.5	2962.1	2781.7	2600.9	2313.6	2040.1	1842.2	1538.5
-12.5°	8523.0	4681.4	3424.5	2984.6	2777.9	2639.0	2487.0	2189.1	1932.2	1747.7	1400.6
-15°	5310.7	3789.7	3133.1	2806.1	2607.2	2505.0	2386.9	2121.6	1911.7	1677.3	1248.3
-17.5°	4074.6	3200.9	2885.7	2679.8	2528.2	2407.5	2294.2	2107.0	1903.2	1619.1	1113.8
-20°	3331.8	3024.7	2782.5	2607.8	2489.2	2385.4	2246.9	2101.1	1873.2	1464.3	983.4



REPORT NUMBER: P1305453 (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°	3134.0	2968.3	2777.1	2597.6	2460.0	2341.7	2209.5	2062.0	1823.5	1259.7	840.6
-25°	3052.4	2968.3	2823.8	2669.6	2469.3	2294.3	2164.0	1970.2	1573.2	1057.7	708.9
-27.5°	3080.7	3013.0	2923.3	2757.4	2541.1	2284.0	2077.5	1828.3	1287.4	886.9	701.0
-30°	3188.2	3099.9	2990.3	2845.9	2594.4	2316.8	2000.3	1499.5	1058.1	747.4	695.2
-32.5°	3262.0	3125.9	2996.5	2848.1	2616.7	2307.9	1726.1	1188.0	831.8	739.6	695.0
-35°	3204.5	3041.0	2872.5	2725.1	2592.6	1947.1	1355.8	939.0	779.8	732.1	693.6
-37.5°	3031.1	2830.5	2657.9	2460.2	1981.4	1457.8	1015.7	835.0	774.3	726.3	668.6
-40°	2748.6	2550.2	2179.5	1775.6	1395.3	1010.2	890.2	832.4	777.2	704.2	631.4
-42.5°	2195.9	1858.6	1539.8	1229.0	974.2	934.8	888.8	837.1	766.1	674.3	589.4
-45°	1518.4	1272.4	1037.8	1003.9	966.9	930.3	894.5	819.1	730.2	635.8	546.2
-47.5°	1099.0	1066.8	1033.8	1000.3	964.9	921.0	852.0	775.9	679.0	588.9	510.4
-50°	1092.5	1057.5	1025.0	986.5	921.0	855.6	784.4	707.8	620.3	541.3	467.5
-52.5°	1068.0	1012.9	957.9	901.9	839.7	771.6	701.6	633.3	559.8	486.3	417.0
-55°	965.8	911.1	856.8	802.1	747.4	685.4	622.4	557.6	491.8	424.7	364.5
-57.5°	842.5	792.8	746.5	700.1	654.0	595.7	534.5	475.1	419.6	362.4	309.7
-60°	715.8	673.7	631.8	588.3	543.6	493.7	441.2	391.2	343.9	301.4	258.9
-62.5°	580.7	542.3	506.6	469.5	430.6	388.9	348.5	313.5	278.6	242.1	202.1
-65°	447.2	415.5	384.1	356.7	329.7	303.0	272.8	240.2	206.9	174.2	141.2
-67.5°	325.5	302.8	281.4	260.4	237.4	213.0	185.3	157.4	135.1	114.2	91.3
-70°	211.4	193.4	175.4	157.1	141.6	127.7	112.0	95.2	77.6	65.1	54.7
-72.5°	116.3	106.2	96.0	85.8	74.6	67.5	60.9	53.3	45.3	36.8	30.5
-75°	57.6	53.6	49.5	45.3	40.7	35.6	32.7	30.8	28.8	26.9	25.0
-77.5°	31.8	30.9	30.0	29.0	27.9	26.7	25.3	23.9	22.7	21.6	20.5
-80°	24.1	23.6	23.0	22.2	21.3	20.4	19.4	18.6	17.9	17.2	16.6
-82.5°	18.3	17.8	17.4	16.9	16.4	16.0	15.6	15.1	14.6	14.1	13.4
-85°	13.6	13.5	13.3	13.2	13.1	12.9	12.7	12.4	12.1	11.8	11.5
-87.5°	11.0	10.7	10.4	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.8
-90°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.9	7.6	7.3	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1
87.5°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
85°	1.5	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.5	2.7	2.8
82.5°	1.5	1.8	2.1	2.3	2.5	2.6	2.7	2.6	2.7	2.9	3.1
80°	2.1	2.1	2.2	2.3	2.6	2.9	3.1	3.1	3.1	3.1	3.3
77.5°	2.7	2.5	2.3	2.4	2.7	3.0	3.3	3.5	3.4	3.3	3.4
75°	3.5	3.3	3.1	2.9	2.9	3.0	3.3	3.5	3.5	3.5	3.5
72.5°	3.5	3.5	3.5	3.5	3.3	3.3	3.4	3.5	3.5	3.5	3.5
70°	5.5	3.8	3.5	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5
67.5°	8.9	6.2	4.5	3.6	3.5	3.5	3.5	3.6	3.7	3.5	3.5
65°	15.5	10.0	5.7	4.7	3.9	3.5	3.5	3.8	3.9	3.8	3.5
62.5°	20.1	15.1	9.9	6.5	4.8	4.0	3.5	3.8	4.1	4.0	3.7
60°	22.2	17.5	13.8	10.0	6.5	4.6	4.0	3.9	4.1	4.3	4.0
57.5°	20.5	18.8	16.0	12.8	9.2	6.0	4.5	4.2	4.2	4.5	4.4
55°	17.5	16.4	17.1	14.8	11.4	7.9	5.5	4.7	4.3	4.5	4.7
52.5°	13.8	14.8	16.3	16.0	13.2	9.8	7.2	5.2	4.8	4.6	4.8
50°	11.1	13.3	15.6	16.3	14.7	11.6	8.6	6.3	5.2	4.7	4.9
47.5°	10.2	12.4	14.4	16.7	15.8	13.3	10.2	7.5	5.6	5.1	4.9
45°	11.3	12.1	13.8	15.8	17.2	14.7	11.7	8.4	6.4	5.5	5.0
42.5°	13.8	14.0	14.0	15.1	16.9	15.9	13.2	9.7	7.1	5.9	5.2
40°	19.8	17.6	15.3	16.6	16.9	17.0	14.3	11.0	7.8	6.4	5.6
37.5°	27.6	23.9	19.7	20.8	18.4	17.5	15.3	12.2	8.7	7.1	6.0
35°	53.3	32.6	33.5	30.9	24.2	18.4	16.2	13.3	10.1	7.8	6.4
32.5°	86.4	62.8	61.8	47.7	32.1	19.7	17.2	14.7	11.6	8.4	6.9
30°	141.8	130.5	102.8	68.9	44.3	27.0	19.0	16.2	13.0	9.0	7.3
27.5°	229.0	211.0	158.7	106.7	64.6	36.6	22.4	17.9	14.5	9.8	7.9
25°	317.2	294.4	236.3	156.8	87.8	56.7	26.5	19.7	15.9	11.0	8.3
22.5°	405.5	375.6	322.3	214.5	122.9	82.7	37.1	22.8	17.3	12.2	8.8
20°	489.7	456.2	408.7	262.7	165.5	113.7	56.1	26.4	18.7	13.3	9.2
17.5°	587.6	517.6	446.1	313.5	207.9	144.7	78.0	30.4	20.1	14.3	9.6
15°	738.2	554.4	480.0	358.7	244.7	175.6	102.2	34.5	21.5	15.4	10.0
12.5°	874.9	588.7	513.5	398.4	276.2	206.0	127.8	38.7	22.9	16.2	10.4
10°	1002.9	620.5	545.9	432.7	303.1	235.7	153.9	43.1	24.7	16.9	10.7
7.5°	1118.8	649.7	576.7	461.8	324.1	255.0	171.6	47.4	26.5	17.5	11.0
5°	1210.1	672.7	602.0	482.4	332.1	262.4	185.6	51.5	28.3	18.0	11.3
2.5°	1240.3	687.4	622.2	498.4	338.4	267.3	196.7	55.2	30.0	18.4	11.5
0°	1246.8	699.4	638.6	509.9	342.7	270.2	204.7	58.5	31.6	18.7	11.7
-2.5°	1240.6	700.8	639.3	519.7	356.1	278.5	211.9	72.9	41.6	24.4	14.4
-5°	1212.4	700.0	636.8	524.7	367.2	285.2	216.4	86.5	51.2	29.8	17.1
-7.5°	1137.4	690.5	628.0	524.1	375.4	290.3	218.5	99.1	60.1	34.8	19.5
-10°	1040.7	674.5	611.6	513.0	380.7	296.4	219.2	110.5	68.1	39.4	21.7
-12.5°	931.3	656.4	595.3	500.4	384.1	303.5	221.2	120.1	75.0	43.3	23.6
-15°	811.9	636.1	580.1	487.5	385.8	309.0	221.0	128.0	80.9	47.1	25.1
-17.5°	688.9	613.7	567.0	475.1	386.0	312.8	219.0	134.0	85.8	50.9	26.8
-20°	665.5	604.3	554.9	464.1	384.8	315.0	215.2	137.9	89.6	53.7	28.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	659.8	607.3	545.3	458.5	383.4	315.7	209.8	139.5	92.3	55.5	29.5
-25°	653.9	611.0	535.1	451.9	381.9	306.4	206.8	138.8	93.9	56.2	29.8
-27.5°	654.5	610.1	522.1	441.1	373.2	295.7	205.2	139.8	94.4	55.7	29.3
-30°	658.8	592.9	506.7	427.0	361.3	278.1	200.5	139.5	93.7	54.9	27.9
-32.5°	654.3	572.7	486.7	411.6	341.9	259.6	190.5	137.6	91.3	53.3	27.1
-35°	625.3	545.6	462.1	392.6	319.7	245.1	179.9	134.1	87.3	50.5	26.1
-37.5°	593.2	512.9	437.8	369.2	296.9	228.7	171.5	125.8	81.5	46.4	24.4
-40°	555.6	480.4	411.0	343.9	276.1	210.6	160.9	115.6	75.4	41.0	22.2
-42.5°	516.2	449.1	382.4	318.1	254.4	196.5	148.2	103.7	66.8	36.7	19.4
-45°	480.2	415.3	351.1	290.6	231.6	180.1	133.1	90.5	57.0	32.8	17.2
-47.5°	441.3	378.0	318.2	261.1	210.3	161.2	116.1	78.1	46.1	28.0	16.5
-50°	397.6	339.2	283.9	233.0	185.8	140.0	98.1	64.5	39.5	22.2	15.6
-52.5°	354.5	299.8	250.3	204.1	159.2	116.8	81.2	50.3	32.2	19.5	14.7
-55°	309.1	261.2	216.6	172.4	130.3	94.9	62.9	41.3	24.4	18.0	13.6
-57.5°	264.6	222.2	179.1	137.9	102.7	72.2	48.8	31.6	21.1	16.5	13.3
-60°	217.8	177.2	138.3	105.3	75.5	53.0	36.9	23.9	19.1	15.0	12.9
-62.5°	164.3	130.3	101.5	73.2	53.5	38.5	26.1	21.3	16.9	14.4	12.4
-65°	114.8	89.1	65.2	50.6	36.7	26.5	22.9	18.6	15.8	13.7	11.8
-67.5°	68.9	56.4	43.9	31.3	26.1	22.8	19.4	17.0	14.9	13.0	11.3
-70°	43.9	33.0	27.8	25.0	22.0	19.3	17.6	15.8	13.9	12.2	10.6
-72.5°	28.1	25.7	23.2	20.7	19.0	17.5	16.1	14.6	12.9	11.4	10.0
-75°	22.8	21.1	19.6	18.2	16.8	15.6	14.5	13.3	11.8	10.5	9.3
-77.5°	19.2	17.9	16.7	15.8	14.9	13.9	13.0	11.9	10.8	9.7	8.7
-80°	15.9	15.2	14.5	13.9	13.0	12.2	11.5	10.9	9.9	9.0	8.0
-82.5°	13.0	12.7	12.3	11.9	11.3	10.8	10.4	10.0	9.1	8.2	7.4
-85°	11.2	10.8	10.4	9.9	9.6	9.4	9.2	9.0	8.3	7.6	7.0
-87.5°	9.5	9.1	8.7	8.4	8.3	8.2	8.1	8.0	7.5	7.0	6.5
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.8	5.5	5.3	5.0	4.7	4.1	3.5
87.5°	2.6	2.8	3.0	3.2	3.5	3.5	3.5
85°	2.9	3.0	3.1	3.3	3.5	3.6	3.5
82.5°	3.2	3.2	3.2	3.3	3.5	3.6	3.5
80°	3.5	3.4	3.3	3.4	3.5	3.6	3.5
77.5°	3.5	3.5	3.4	3.4	3.5	3.6	3.5
75°	3.5	3.6	3.5	3.4	3.5	3.7	3.5
72.5°	3.6	3.7	3.6	3.5	3.5	3.7	3.5
70°	3.6	3.8	3.7	3.5	3.5	3.7	3.5
67.5°	3.6	3.9	3.9	3.6	3.6	3.7	3.5
65°	3.7	3.9	4.0	3.8	3.6	3.8	3.5
62.5°	3.7	4.0	4.1	3.9	3.6	3.8	3.5
60°	3.7	4.0	4.3	4.0	3.7	3.8	3.5
57.5°	4.0	4.0	4.3	4.1	3.8	3.9	3.5
55°	4.3	4.1	4.3	4.3	3.9	3.9	3.5
52.5°	4.6	4.1	4.3	4.4	4.0	3.9	3.5
50°	4.9	4.4	4.4	4.5	4.0	4.0	3.5
47.5°	5.1	4.6	4.4	4.6	4.1	4.0	3.5
45°	5.2	4.8	4.4	4.7	4.2	4.0	3.5
42.5°	5.2	5.0	4.5	4.7	4.3	4.1	3.5
40°	5.3	5.3	4.6	4.7	4.3	4.1	3.5
37.5°	5.3	5.5	4.8	4.7	4.4	4.2	3.5
35°	5.4	5.6	4.9	4.8	4.5	4.2	3.5
32.5°	5.5	5.6	5.1	4.8	4.5	4.2	3.5
30°	5.9	5.7	5.2	4.9	4.5	4.3	3.5
27.5°	6.2	5.7	5.3	4.9	4.6	4.3	3.5
25°	6.6	5.8	5.4	5.0	4.6	4.4	3.5
22.5°	6.9	5.8	5.5	5.1	4.6	4.4	3.5
20°	7.3	5.9	5.6	5.1	4.7	4.4	3.5
17.5°	7.6	6.0	5.7	5.2	4.7	4.5	3.5
15°	7.9	6.1	5.7	5.3	4.7	4.5	3.5
12.5°	8.3	6.3	5.8	5.4	4.7	4.5	3.5
10°	8.5	6.4	5.8	5.5	4.7	4.6	3.5
7.5°	8.8	6.6	5.8	5.6	4.7	4.6	3.5
5°	9.0	6.7	5.8	5.6	4.7	4.6	3.5
2.5°	9.2	6.9	5.8	5.7	4.7	4.7	3.5
0°	9.4	7.0	5.8	5.8	4.7	4.7	3.5
-2.5°	10.3	7.4	6.0	5.9	4.7	4.7	3.5
-5°	11.2	7.7	6.2	5.9	4.8	4.7	3.5
-7.5°	12.0	8.1	6.4	6.0	4.8	4.8	3.5
-10°	12.7	8.4	6.6	6.1	4.9	4.8	3.5
-12.5°	13.4	8.7	6.8	6.1	4.9	4.8	3.5
-15°	13.9	9.0	7.0	6.2	5.0	4.8	3.5
-17.5°	14.3	9.2	7.1	6.2	5.0	4.8	3.5
-20°	14.7	9.4	7.3	6.2	5.1	4.8	3.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.3	9.5	7.4	6.2	5.1	4.8	3.5
-25°	15.5	9.7	7.5	6.2	5.2	4.8	3.5
-27.5°	15.4	9.8	7.5	6.2	5.2	4.8	3.5
-30°	14.9	9.9	7.6	6.2	5.3	4.8	3.5
-32.5°	14.0	9.9	7.7	6.2	5.3	4.8	3.5
-35°	13.6	9.8	7.7	6.2	5.3	4.8	3.5
-37.5°	13.5	9.7	7.8	6.2	5.4	4.8	3.5
-40°	13.3	9.7	7.8	6.1	5.4	4.8	3.5
-42.5°	12.9	9.7	7.8	6.1	5.4	4.8	3.5
-45°	12.5	9.7	7.7	6.1	5.5	4.7	3.5
-47.5°	11.9	9.6	7.7	6.0	5.5	4.7	3.5
-50°	11.7	9.5	7.6	6.1	5.5	4.7	3.5
-52.5°	11.5	9.4	7.5	6.1	5.6	4.7	3.5
-55°	11.3	9.2	7.4	6.1	5.6	4.7	3.5
-57.5°	11.0	9.0	7.3	6.2	5.6	4.6	3.5
-60°	10.7	8.8	7.1	6.2	5.7	4.6	3.5
-62.5°	10.4	8.6	7.1	6.2	5.6	4.6	3.5
-65°	10.0	8.3	7.0	6.1	5.5	4.5	3.5
-67.5°	9.6	8.0	6.8	6.1	5.5	4.5	3.5
-70°	9.2	7.7	6.7	6.1	5.4	4.5	3.5
-72.5°	8.7	7.5	6.6	5.9	5.3	4.4	3.5
-75°	8.2	7.1	6.4	5.8	5.2	4.4	3.5
-77.5°	7.6	6.8	6.2	5.7	5.1	4.3	3.5
-80°	7.0	6.5	6.0	5.5	5.1	4.3	3.5
-82.5°	6.7	6.3	5.8	5.4	5.0	4.2	3.5
-85°	6.4	6.0	5.6	5.3	4.9	4.2	3.5
-87.5°	6.1	5.8	5.4	5.1	4.8	4.1	3.5
-90°	2.3	2.6	2.9	3.2	3.5	3.5	3.5

(END OF REPORT)