

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: P1305599 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-2S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

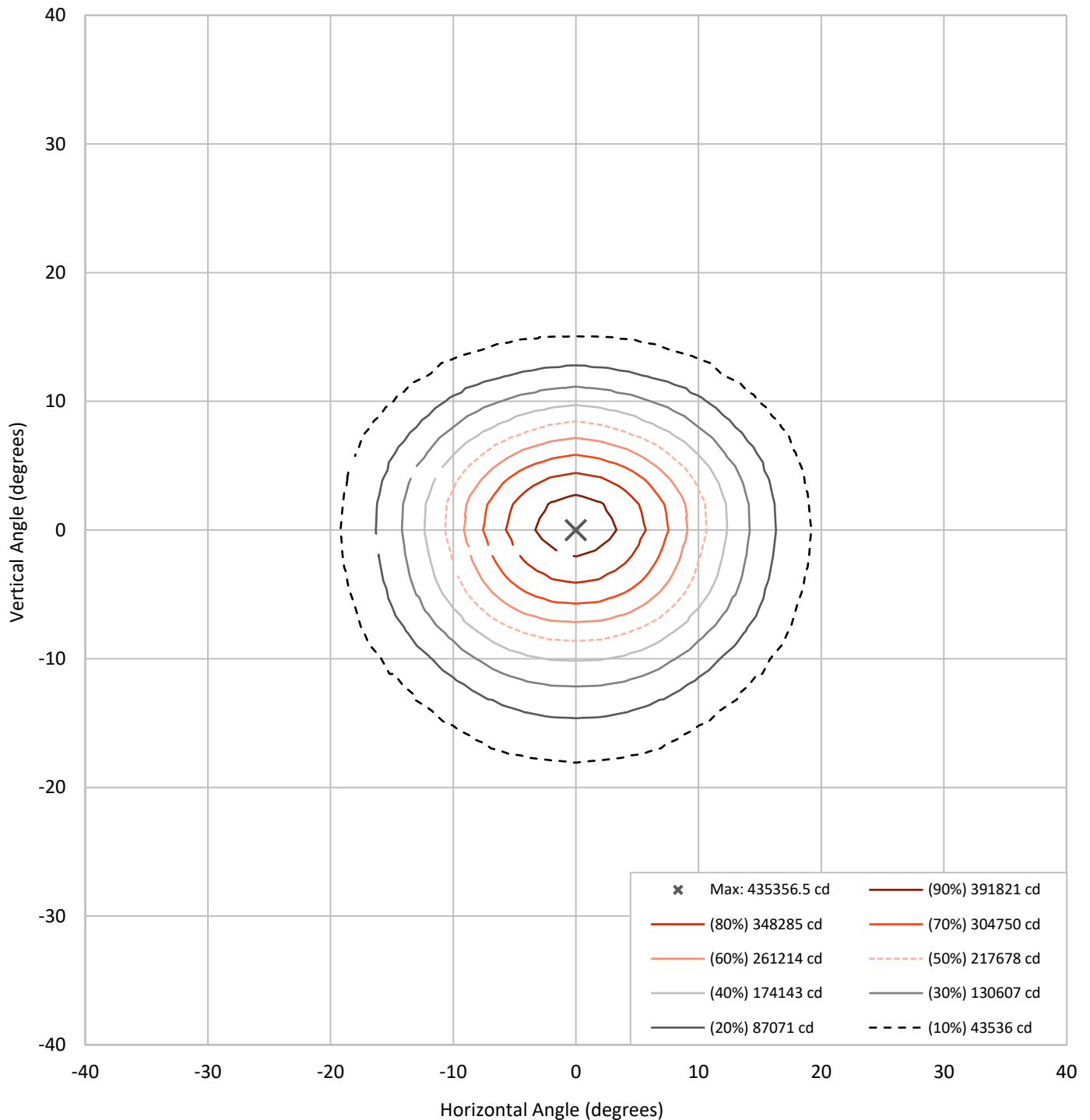
Test Method: LM-79-08  
Report Number: P1305599 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-70-2S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	58720.6 lumens	Max Intensity:	435356.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	25697.5 lumens	Field Lumens:	49739.5 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	670		
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





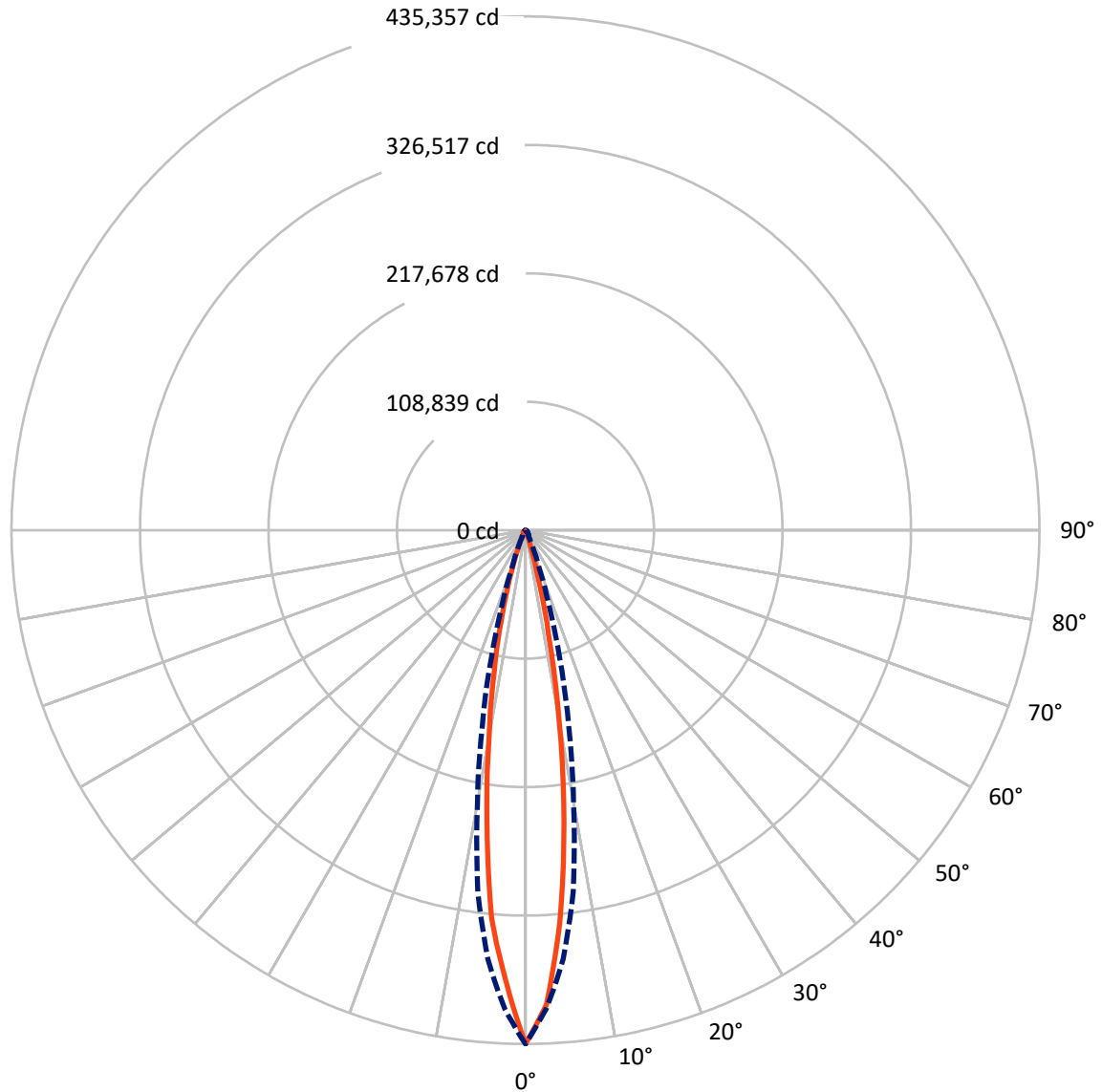
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### Lumen Table

90	0.2	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.2			
80	0.2	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.2			
70	0.2	0.1	0.2	0.7	0.8	0.4	0.2	0.2	0.2	0.2	0.4	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.6	0.8	1.6	2.2	2.5	2.9	2.9	2.5	2.2	1.6	0.8	0.6	0.2				
30	0.3	0.5	1.5	3.8	7.3	9.4	16.7	35.3	35.3	16.7	9.4	7.3	3.8	1.5	0.5	0.3			
20		1.1	5.4	18.0	37.7	68.4	472.4	1455.1	1455.1	472.4	68.4	37.7	18.0	5.4	1.1				
10	0.4	2.0	11.2	43.9	88.0	279.4	2727.5	8107.7	8107.7	2727.5	279.4	88.0	43.9	11.2	2.0	0.4			
0		2.7	13.3	51.3	100.4	291.5	2784.0	8151.4	8151.4	2784.0	291.5	100.4	51.3	13.3	2.7				
-10	0.6	2.9	11.6	38.3	77.6	125.8	768.8	2283.7	2283.7	768.8	125.8	77.6	38.3	11.6	2.9	0.6			
-20		2.8	9.8	22.7	57.7	81.9	123.9	260.0	260.0	123.9	81.9	57.7	22.7	9.8	2.8				
-30	0.5	2.5	7.9	15.7	35.3	67.6	86.1	92.5	92.5	86.1	67.6	35.3	15.7	7.9	2.5	0.5			
-40		1.7	5.9	12.6	21.4	34.6	56.2	73.0	73.0	56.2	34.6	21.4	12.6	5.9	1.7				
-50	0.3	0.8	3.4	8.0	14.4	21.1	26.0	28.9	28.9	26.0	21.1	14.4	8.0	3.4	0.8	0.3			
-60		0.4	1.2	3.4	6.4	9.9	13.4	15.7	15.7	13.4	9.9	6.4	3.4	1.2	0.4				
-70	0.2	1.1		3.0		7.3		11.5		7.3		3.0		1.1		0.2			
-80		1.1		3.0		7.3		11.5		7.3		3.0		1.1					
-90	0.2	1.1		3.0		7.3		11.5		7.3		3.0		1.1		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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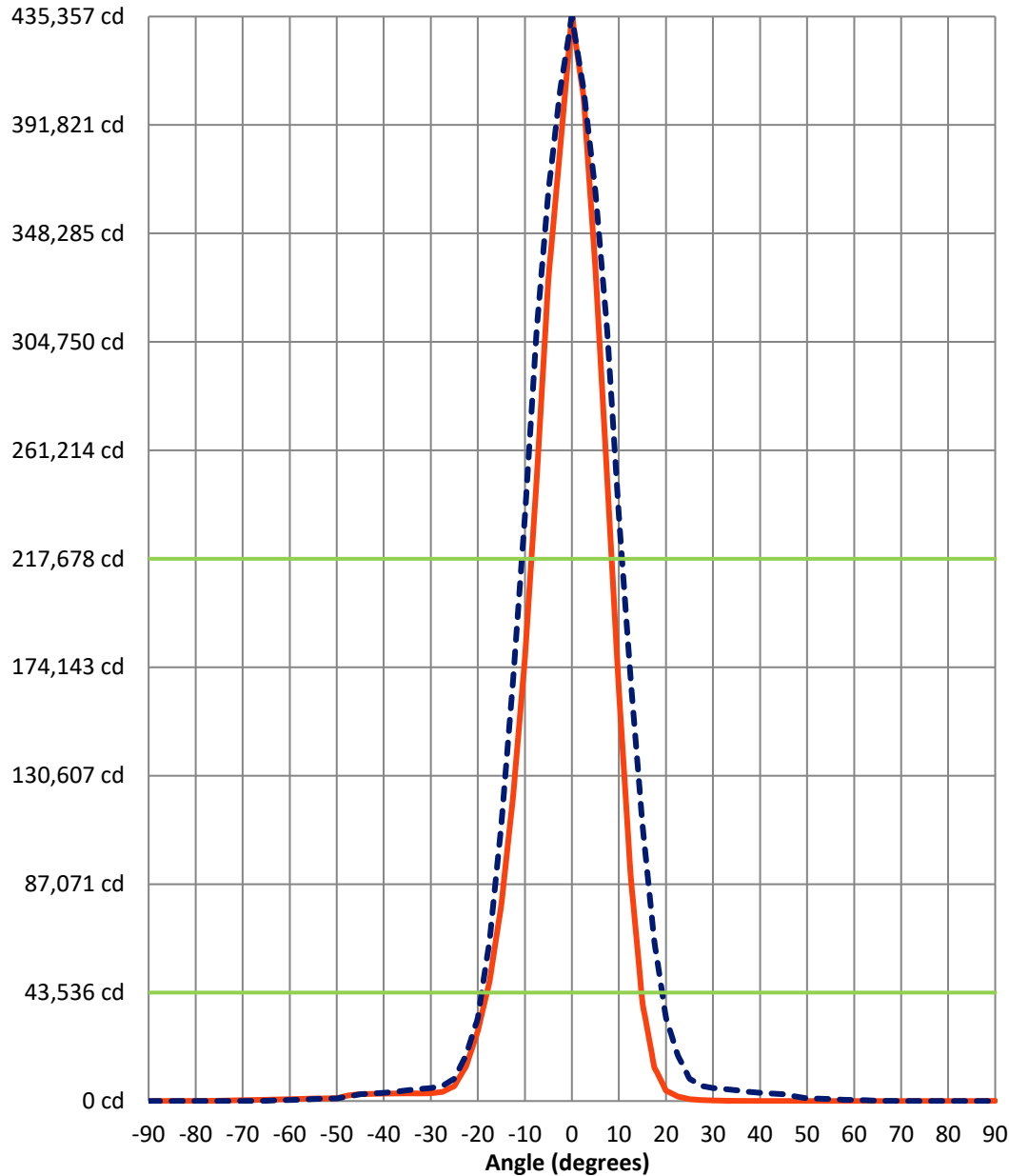
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.3°  
 V Angle: 17°  
 Lumens: 25697.5  
 Efficiency: 43.8%

**Field:**  
 H Angle: 38.4°  
 V Angle: 32.9°  
 Lumens: 49739.5  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 8981.1  
 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°	7.2	7.2	7.2	7.7	8.2	8.6	9.1	9.6	10.0	10.5	10.9
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.9	6.6	6.4	6.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.9	6.9	6.9
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.4	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.4	7.5	7.3	7.2	7.2	7.2	7.2
70°	7.2	7.2	7.2	7.2	7.6	7.6	7.4	7.2	7.2	7.2	7.3
67.5°	7.2	7.2	7.2	7.4	7.8	7.8	7.4	7.2	7.2	7.5	7.4
65°	7.2	7.2	7.2	7.6	8.0	7.9	7.5	7.2	7.6	7.8	7.6
62.5°	7.2	7.2	7.2	7.8	8.2	7.9	7.5	7.5	8.1	8.1	7.7
60°	7.2	7.2	7.2	8.0	8.4	8.0	7.6	8.0	8.5	8.2	7.8
57.5°	7.2	7.2	7.3	8.2	8.4	8.0	8.0	8.6	8.7	8.3	8.3
55°	7.2	7.2	7.5	8.4	8.5	8.1	8.5	9.1	8.8	8.5	9.1
52.5°	7.2	7.2	7.6	8.6	8.5	8.2	8.9	9.3	8.9	9.2	9.9
50°	7.2	7.2	7.7	8.8	8.6	8.6	9.4	9.5	9.1	9.9	11.4
47.5°	7.2	7.2	7.9	9.0	8.6	9.0	9.8	9.7	9.7	10.5	12.7
45°	7.2	7.2	8.0	9.0	8.7	9.3	10.0	9.9	10.4	11.4	13.7
42.5°	7.2	7.2	8.1	9.1	8.8	9.7	10.3	10.4	11.0	12.0	15.1
40°	7.2	7.2	8.2	9.1	8.9	10.0	10.6	11.0	11.7	12.4	16.5
37.5°	7.2	7.2	8.3	9.2	9.2	10.3	10.9	11.5	12.6	13.7	17.6
35°	7.2	7.2	8.4	9.2	9.4	10.6	11.2	12.1	13.6	15.6	18.3
32.5°	7.2	7.2	8.5	9.3	9.7	10.9	11.6	12.6	14.6	17.6	19.8
30°	7.2	7.2	8.6	9.4	9.9	11.2	12.1	13.2	15.7	19.5	21.7
27.5°	7.2	7.2	8.7	9.5	10.1	11.5	12.5	14.1	17.0	21.5	23.8
25°	7.2	7.2	8.7	9.6	10.3	11.7	12.9	15.0	18.7	23.4	26.3
22.5°	7.2	7.2	8.8	9.7	10.5	12.0	13.4	16.0	20.3	25.3	31.3
20°	7.2	7.2	8.9	9.8	10.6	12.1	13.7	16.9	21.8	27.3	36.8
17.5°	7.2	7.2	8.9	9.9	10.7	12.3	14.1	17.8	23.3	29.5	42.8
15°	7.2	7.2	9.0	10.1	10.8	12.4	14.4	18.7	24.8	31.7	49.0
12.5°	7.2	7.2	9.0	10.2	10.8	12.5	14.8	19.4	26.2	34.0	55.4
10°	7.2	7.2	9.0	10.4	10.9	12.6	15.1	20.0	27.6	37.8	63.0
7.5°	7.2	7.2	9.1	10.5	10.9	12.6	15.4	20.5	29.0	42.0	73.0
5°	7.2	7.2	9.1	10.6	10.9	12.7	15.7	21.0	30.3	46.2	83.0
2.5°	7.2	7.2	9.1	10.8	10.9	12.7	16.0	21.4	31.5	50.4	92.5
0°	7.2	7.2	9.1	10.9	10.9	12.7	16.3	21.7	32.6	54.3	101.4
-2.5°	7.2	7.2	9.2	11.0	11.2	13.1	17.7	25.9	41.1	67.2	117.8
-5°	7.2	7.3	9.2	11.1	11.5	13.5	19.1	30.0	49.1	79.5	133.1
-7.5°	7.2	7.3	9.3	11.2	11.8	13.8	20.3	33.7	56.7	91.0	147.0
-10°	7.2	7.4	9.4	11.3	12.1	14.1	21.4	37.0	63.5	101.4	159.5
-12.5°	7.2	7.4	9.4	11.4	12.4	14.5	22.3	39.8	69.3	110.6	170.2
-15°	7.2	7.4	9.4	11.4	12.7	14.8	23.0	42.0	74.6	118.5	179.1
-17.5°	7.2	7.5	9.5	11.5	12.9	15.0	23.4	44.2	79.3	125.1	186.0
-20°	7.2	7.5	9.5	11.5	13.1	15.3	23.9	46.2	82.9	130.3	190.9



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.5	9.5	11.5	13.3	15.5	24.4	47.2	85.1	134.0	193.6
-25°	7.2	7.6	9.5	11.5	13.4	15.8	24.5	47.2	86.0	136.2	194.0
-27.5°	7.2	7.6	9.5	11.5	13.5	16.1	24.1	46.0	85.5	136.9	195.7
-30°	7.2	7.6	9.5	11.5	13.6	16.3	23.2	43.6	83.9	135.9	195.4
-32.5°	7.2	7.6	9.5	11.5	13.6	16.4	21.7	42.1	81.1	133.0	193.0
-35°	7.2	7.6	9.5	11.5	13.6	16.4	21.2	40.3	76.6	128.0	188.5
-37.5°	7.2	7.7	9.4	11.4	13.6	16.3	21.2	37.7	70.2	120.9	175.2
-40°	7.2	7.7	9.4	11.4	13.6	16.3	21.0	34.2	62.1	112.1	159.9
-42.5°	7.2	7.7	9.4	11.3	13.5	16.2	20.5	29.9	55.7	98.0	142.9
-45°	7.2	7.7	9.3	11.2	13.4	16.1	19.9	26.6	49.8	82.4	124.6
-47.5°	7.2	7.7	9.2	11.1	13.3	15.9	19.1	25.6	42.6	66.0	106.0
-50°	7.2	7.7	9.2	11.0	13.2	15.7	18.7	24.4	33.7	55.9	86.4
-52.5°	7.2	7.7	9.1	10.9	13.0	15.5	18.4	22.9	29.3	45.2	66.7
-55°	7.2	7.6	9.0	10.7	12.7	15.2	18.0	21.2	26.9	34.0	54.2
-57.5°	7.2	7.6	8.9	10.6	12.5	14.8	17.5	20.6	24.5	29.5	41.1
-60°	7.2	7.6	8.8	10.4	12.2	14.4	17.0	19.8	22.4	26.8	31.1
-62.5°	7.2	7.6	8.8	10.2	11.9	14.0	16.4	18.9	21.3	24.2	28.3
-65°	7.2	7.6	8.7	10.0	11.6	13.5	15.7	18.0	20.1	22.5	25.5
-67.5°	7.2	7.5	8.5	9.8	11.2	13.0	15.0	17.1	18.8	20.9	23.3
-70°	7.2	7.5	8.4	9.5	10.8	12.4	14.3	16.2	17.9	19.3	21.4
-72.5°	7.2	7.5	8.3	9.3	10.4	11.9	13.5	15.4	17.0	18.4	19.6
-75°	7.2	7.4	8.1	9.1	10.0	11.3	12.7	14.4	16.2	17.6	18.8
-77.5°	7.2	7.4	8.0	8.9	9.7	10.6	11.8	13.4	15.1	16.7	18.1
-80°	7.2	7.4	7.8	8.6	9.4	10.2	11.0	12.4	13.9	15.4	16.8
-82.5°	7.2	7.3	7.7	8.4	9.1	9.8	10.5	11.5	12.7	14.1	15.4
-85°	7.2	7.3	7.5	8.2	8.8	9.4	10.0	10.9	11.8	12.8	13.9
-87.5°	7.2	7.2	7.4	7.9	8.5	9.0	9.6	10.2	10.9	11.7	12.4
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.9	10.9	10.9	10.9	11.4	11.8	12.3	12.7	13.1	13.6	14.0
87.5°	6.0	5.9	5.6	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1
85°	6.7	6.3	6.0	5.7	5.7	5.7	5.6	5.4	5.2	5.0	4.8
82.5°	6.9	6.8	6.7	6.7	6.5	6.3	5.9	5.4	5.4	5.4	5.4
80°	7.1	7.2	7.2	7.2	6.8	6.4	5.9	5.5	5.4	5.5	5.5
77.5°	7.2	7.2	7.2	7.2	6.9	6.6	6.4	6.4	6.4	6.2	5.9
75°	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.0	6.9	6.9
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	8.7	10.7	12.1
70°	7.2	7.2	7.2	7.2	7.2	7.8	10.5	14.0	17.6	19.7	21.9
67.5°	7.2	7.2	7.2	7.5	9.4	12.4	16.4	24.1	32.7	35.3	35.2
65°	7.2	7.2	8.1	10.0	12.4	18.5	26.8	37.0	44.7	43.5	40.4
62.5°	7.2	8.1	9.8	12.9	18.0	25.6	33.4	40.8	48.4	46.3	39.4
60°	8.0	9.1	12.5	17.6	23.0	28.3	35.8	40.6	44.6	44.8	34.6
57.5°	8.9	11.2	16.2	21.4	25.7	29.2	32.3	35.9	37.2	36.3	26.5
55°	10.3	14.1	19.4	24.1	27.0	25.5	26.9	27.8	27.3	24.9	17.4
52.5°	12.6	16.8	22.0	25.9	26.0	22.7	20.2	20.3	18.5	15.2	12.9
50°	14.6	19.4	24.4	26.6	24.6	19.6	15.3	14.8	13.6	12.2	10.9
47.5°	16.6	21.7	26.3	27.0	22.1	17.9	14.2	12.9	12.1	11.9	11.3
45°	18.5	23.3	28.0	25.0	20.7	17.7	15.2	12.7	13.0	12.9	12.3
42.5°	20.2	24.2	26.3	23.3	21.2	19.2	17.3	15.5	14.5	14.8	14.7
40°	20.9	24.8	25.1	24.5	22.5	21.9	21.6	20.1	17.2	18.6	19.0
37.5°	21.1	24.5	25.7	27.6	25.5	26.2	27.0	27.4	25.3	24.0	27.5
35°	21.1	25.0	30.1	32.9	31.5	32.2	35.4	36.7	35.9	35.2	41.8
32.5°	21.6	26.3	36.1	39.5	41.7	42.7	45.4	47.9	50.5	54.5	67.0
30°	24.1	31.9	43.2	47.0	54.1	61.9	59.9	61.3	67.9	92.5	113.8
27.5°	29.4	39.6	50.4	58.2	69.9	86.4	89.0	81.8	103.2	140.7	175.8
25°	35.7	63.7	58.2	71.8	94.0	116.2	126.4	131.3	156.5	207.1	246.5
22.5°	49.1	96.0	93.7	86.6	121.7	150.7	176.1	226.7	297.7	313.7	322.2
20°	72.7	128.0	137.1	144.3	163.3	189.5	233.6	354.6	505.9	561.5	503.7
17.5°	100.6	162.9	185.6	218.7	262.0	270.3	306.7	507.1	767.4	858.2	875.7
15°	132.0	200.4	237.0	302.0	367.8	399.1	504.9	753.9	1053.5	1201.9	1304.6
12.5°	165.7	239.8	290.8	392.1	479.1	528.6	754.3	1134.0	1421.5	1594.8	1866.1
10°	200.6	280.2	346.0	486.7	594.3	658.1	1029.7	1526.4	1816.3	2013.3	2362.3
7.5°	236.9	319.2	400.7	583.3	711.4	786.9	1319.7	1922.5	2200.6	2415.4	2766.9
5°	271.7	355.2	449.5	664.7	808.7	898.3	1588.5	2311.0	2573.9	2801.6	3116.5
2.5°	303.6	389.6	496.8	739.4	890.3	982.5	1741.5	2533.0	2811.8	3082.9	3427.8
0°	<b>331.5</b>	<b>422.0</b>	<b>541.6</b>	<b>807.9</b>	<b>967.2</b>	<b>1063.2</b>	<b>1865.7</b>	<b>2726.0</b>	<b>3014.1</b>	<b>3309.3</b>	<b>3722.3</b>
-2.5°	335.6	431.8	555.5	801.6	952.9	1050.8	1833.1	2696.2	3046.4	3390.9	3822.2
-5°	335.3	439.0	565.7	788.9	934.3	1034.7	1769.3	2628.2	3034.7	3376.3	3781.1
-7.5°	331.5	443.4	571.9	770.4	905.4	998.5	1646.7	2460.9	2887.1	3188.1	3577.0
-10°	324.9	441.8	563.2	738.8	864.4	949.5	1490.1	2263.3	2731.8	2995.8	3341.7
-12.5°	316.4	435.5	549.8	705.0	824.4	899.3	1308.4	2039.4	2572.8	2804.8	3087.8
-15°	306.6	427.6	533.9	670.3	786.8	848.8	1103.6	1792.5	2416.0	2656.8	2878.4
-17.5°	296.3	418.3	515.9	636.0	753.1	798.4	882.6	1523.2	2192.6	2495.7	2720.3
-20°	286.0	407.9	496.1	603.0	721.2	765.3	819.8	1264.2	1867.7	2309.7	2547.3



REPORT NUMBER: P1305599 (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°	276.3	396.5	477.5	576.0	685.3	747.2	789.3	1011.0	1524.8	2101.7	2362.6
-25°	272.5	379.6	461.9	550.9	651.2	730.5	760.9	798.2	1212.3	1765.2	2175.5
-27.5°	271.7	365.4	444.7	523.8	617.3	708.9	740.6	768.0	979.1	1427.3	1959.1
-30°	268.1	346.1	425.5	496.9	584.7	670.5	724.9	755.1	802.7	1148.9	1591.6
-32.5°	256.3	325.7	402.9	473.9	551.0	633.7	711.9	749.1	788.0	883.3	1254.2
-35°	241.0	307.0	378.7	448.8	516.4	597.9	678.2	744.2	773.5	817.8	972.4
-37.5°	226.7	286.4	353.9	421.8	487.1	560.7	642.1	716.0	767.3	801.7	856.8
-40°	210.5	263.9	329.0	394.1	456.9	523.8	599.3	675.8	745.0	804.1	846.6
-42.5°	192.3	243.9	302.4	365.4	424.3	487.6	554.5	628.5	707.0	787.9	848.1
-45°	171.7	221.8	274.6	331.8	388.9	448.4	511.6	578.1	657.7	740.1	820.4
-47.5°	149.3	197.5	247.6	295.9	350.2	406.2	465.3	530.3	600.7	678.9	761.4
-50°	125.8	170.6	217.3	262.0	309.0	361.2	415.7	478.0	543.6	612.0	686.1
-52.5°	102.8	141.8	185.1	228.0	269.7	314.3	365.4	421.3	481.8	545.0	606.9
-55°	78.7	114.2	151.3	191.9	232.1	270.7	313.3	363.6	415.4	472.8	527.6
-57.5°	60.4	86.3	119.0	153.8	191.6	229.6	267.8	305.8	351.3	399.1	444.2
-60°	45.3	63.2	87.6	117.8	149.1	184.7	222.3	258.2	293.0	325.9	364.8
-62.5°	32.0	46.0	62.4	82.8	110.4	138.7	171.1	205.5	240.7	269.2	295.3
-65°	29.1	32.2	43.2	58.0	72.8	97.6	123.4	149.0	179.0	206.5	232.3
-67.5°	26.0	28.9	31.8	36.9	50.1	64.4	78.7	101.3	123.7	143.5	163.1
-70°	23.7	25.7	28.2	30.7	33.4	39.4	51.9	64.5	77.0	91.5	108.9
-72.5°	21.4	23.5	25.3	26.9	29.3	32.1	35.1	38.3	45.5	55.6	65.9
-75°	19.9	21.3	23.1	24.8	26.2	27.8	29.8	32.4	34.8	37.0	39.0
-77.5°	18.8	19.7	21.0	22.5	23.6	24.5	25.7	27.2	29.0	30.9	32.9
-80°	17.5	18.1	18.7	19.6	20.4	21.1	21.9	22.5	23.6	24.8	26.3
-82.5°	15.9	16.3	16.7	17.1	17.4	17.8	18.2	18.7	19.3	20.0	20.7
-85°	14.2	14.5	14.8	15.0	14.9	14.9	14.9	14.9	15.3	15.6	15.9
-87.5°	12.6	12.7	12.8	13.0	13.0	13.0	12.9	12.7	12.8	12.9	13.0
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	14.5	14.5	14.5	14.5	14.5	19.5	24.4	29.4	34.4	43.0	51.6
87.5°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.8	1.8
85°	4.8	4.5	4.3	4.0	3.6	3.5	3.5	3.5	3.5	3.1	2.7
82.5°	5.4	5.0	4.5	4.1	3.6	3.3	2.9	2.5	2.0	1.9	1.8
80°	5.4	5.0	4.6	4.1	3.7	3.5	3.4	3.4	3.4	3.4	3.5
77.5°	5.7	5.4	4.9	4.4	3.7	3.6	3.6	3.6	3.6	3.3	2.8
75°	7.0	6.9	6.8	6.3	5.5	5.2	4.9	4.4	3.7	3.5	3.5
72.5°	12.8	12.7	12.1	11.4	10.0	9.1	8.8	8.5	8.0	7.9	7.7
70°	22.8	22.4	21.1	18.6	15.2	12.8	11.9	10.8	9.5	9.0	9.0
67.5°	32.1	28.5	25.1	21.5	17.3	14.0	12.3	10.5	8.6	7.6	7.5
65°	35.5	28.4	23.5	19.6	16.5	13.5	11.1	9.0	7.0	6.0	6.3
62.5°	31.9	23.5	18.3	15.0	12.4	10.5	8.6	7.1	6.0	5.4	5.5
60°	25.3	17.2	12.7	10.6	8.8	7.3	6.4	5.6	4.8	4.2	4.5
57.5°	18.3	12.3	9.0	8.2	7.2	6.0	5.1	4.9	4.7	4.8	5.1
55°	12.5	10.3	9.1	8.2	7.1	6.1	5.4	5.4	5.4	5.4	5.4
52.5°	10.4	9.8	9.3	8.5	7.4	6.4	5.4	5.4	5.4	5.4	5.4
50°	10.4	10.0	9.5	8.8	7.7	6.7	5.6	5.6	6.0	6.4	6.4
47.5°	10.6	10.1	9.8	9.2	8.3	7.8	7.2	7.4	8.0	8.3	8.2
45°	11.1	11.2	11.1	11.0	10.2	10.3	10.4	10.6	12.9	12.8	11.3
42.5°	13.7	14.5	15.3	15.7	13.5	17.6	23.8	26.7	23.4	18.9	16.0
40°	20.5	21.4	25.7	27.8	34.2	40.3	34.7	28.2	25.2	27.3	29.0
37.5°	32.5	38.6	47.1	56.9	53.0	42.2	42.4	42.3	41.2	44.8	44.6
35°	54.6	68.4	76.8	75.0	69.3	66.2	69.1	72.3	65.2	71.5	73.1
32.5°	87.8	104.4	106.6	100.9	101.2	106.7	116.7	115.2	117.4	124.6	132.8
30°	126.7	146.4	154.0	143.7	136.2	149.3	154.9	159.9	175.9	196.9	215.7
27.5°	190.8	205.2	218.2	207.4	185.7	201.9	213.3	209.9	254.2	277.8	330.7
25°	271.1	291.5	299.0	302.9	295.6	292.6	321.2	335.9	397.0	461.8	571.8
22.5°	370.2	425.9	441.6	421.0	444.1	460.4	479.8	545.2	667.4	866.2	1150.0
20°	495.9	609.6	701.0	686.2	631.7	701.4	780.2	986.4	1343.5	2146.4	2803.5
17.5°	894.0	896.1	1078.7	1152.2	1062.5	1213.6	1600.5	2271.5	3747.5	6455.8	8211.7
15°	1509.2	1549.8	1633.9	1732.4	1894.0	2288.5	3068.1	5879.9	10114.3	15972.9	21984.6
12.5°	2161.3	2253.1	2397.0	2477.5	2807.3	3863.3	7207.3	13364.2	22302.1	33580.7	52289.8
10°	2721.7	2966.1	3151.4	3403.4	4254.1	6734.3	12504.7	23143.3	41160.0	65493.0	94251.8
7.5°	3118.0	3475.6	3789.1	4262.7	6029.3	11029.0	20707.2	38405.6	65618.9	99982.0	139625.8
5°	3516.5	3969.1	4320.6	4944.8	7163.1	14250.4	27129.6	52706.2	92001.6	138780.6	191800.2
2.5°	3921.4	4430.3	4817.5	5589.9	7888.4	15883.8	30387.8	61240.6	109447.0	166406.2	230776.0
0°	4329.1	4810.9	5218.4	6091.5	9015.0	18453.8	33457.1	64497.8	111072.5	169214.3	234552.6
-2.5°	4310.2	4628.4	5001.6	5678.2	8223.2	16987.6	31097.1	60954.8	105148.5	159078.0	218330.0
-5°	4146.3	4369.8	4665.6	5263.5	7356.7	14159.9	26895.0	52104.6	92869.5	142278.4	193350.4
-7.5°	3891.7	4079.2	4300.3	4793.8	6357.9	11270.2	21755.1	41790.6	73671.2	109467.5	148630.2
-10°	3647.5	3792.1	3949.2	4291.2	5296.3	8260.0	15433.7	28317.5	51283.4	78062.7	107866.0
-12.5°	3422.4	3537.7	3621.1	3765.8	4266.4	5982.9	11096.7	20310.1	33503.7	50092.1	72078.0
-15°	3193.0	3290.8	3333.9	3449.9	3777.4	4626.9	6688.4	12484.1	20944.1	31656.7	42804.4
-17.5°	2946.7	3062.9	3127.8	3202.3	3345.1	3696.9	4834.4	7271.3	12386.0	19577.9	26757.9
-20°	2744.2	2881.0	2936.7	2988.5	3120.0	3326.7	3651.4	4747.3	6615.5	11094.6	15559.4



REPORT NUMBER: P1305599 (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°	2548.5	2671.8	2744.3	2855.4	3025.6	3168.7	3275.2	3536.2	4312.1	5534.3	7716.3
-25°	2370.5	2477.3	2620.3	2833.7	3000.3	3102.6	3122.7	3133.8	3355.0	3597.6	4334.3
-27.5°	2191.4	2342.6	2555.6	2796.4	2994.2	3044.1	3046.8	3043.1	3095.8	3132.6	3315.9
-30°	2031.7	2229.8	2430.8	2688.0	2880.6	2961.6	2996.0	3019.7	3046.8	3080.3	3092.5
-32.5°	1706.4	2111.2	2273.9	2479.9	2722.6	2850.8	2915.2	2970.2	3000.3	3029.5	3052.5
-35°	1349.1	1776.2	2164.5	2297.6	2469.9	2687.1	2848.8	2914.7	2970.0	3001.3	3030.5
-37.5°	1014.6	1380.8	1758.4	2112.1	2288.0	2441.6	2648.3	2809.4	2911.0	2951.2	2986.3
-40°	894.1	989.2	1322.7	1647.2	1957.1	2249.7	2421.6	2616.1	2771.5	2850.3	2911.2
-42.5°	889.5	924.5	958.4	1186.4	1474.2	1756.4	2023.1	2272.8	2503.3	2660.0	2776.2
-45°	888.5	913.4	941.9	975.9	1010.2	1230.4	1477.0	1724.9	1977.8	2215.1	2427.8
-47.5°	830.8	892.7	926.7	953.9	976.7	1005.9	1039.0	1101.7	1307.6	1515.0	1723.0
-50°	751.5	813.5	870.1	924.3	951.9	970.8	988.9	1009.5	1035.5	1061.7	1088.4
-52.5°	662.8	721.6	779.4	831.2	875.7	918.6	959.3	978.0	991.8	1004.5	1015.4
-55°	580.1	630.6	679.5	725.4	769.8	811.7	849.8	882.4	912.6	940.0	961.5
-57.5°	492.3	540.3	585.8	624.3	661.2	696.2	729.9	761.3	789.6	814.6	835.6
-60°	404.2	443.6	483.5	520.4	555.4	588.5	616.5	642.2	665.8	687.4	707.1
-62.5°	321.2	352.0	385.7	416.6	444.4	471.4	501.2	526.9	548.7	567.8	585.6
-65°	256.2	278.2	302.4	325.7	348.3	373.9	402.1	426.6	447.8	465.6	480.8
-67.5°	185.1	206.5	229.7	250.8	270.4	291.8	317.6	342.0	364.8	383.3	398.1
-70°	124.6	139.9	157.3	176.2	195.1	215.2	237.8	259.9	281.1	298.0	312.1
-72.5°	76.5	86.6	96.5	109.1	122.2	137.6	155.0	172.6	190.1	204.5	216.7
-75°	40.7	44.2	51.8	58.9	65.7	74.3	83.2	91.5	99.2	106.2	112.6
-77.5°	34.8	36.2	37.5	38.8	39.9	43.4	47.7	52.2	56.8	61.5	66.2
-80°	27.7	28.9	29.9	31.0	32.1	34.7	37.6	40.5	43.4	46.6	49.8
-82.5°	21.4	22.0	22.5	22.9	23.3	25.3	27.4	29.5	31.6	34.2	36.7
-85°	16.1	16.4	16.7	16.9	17.1	18.7	20.2	21.7	23.2	26.0	28.8
-87.5°	13.0	13.0	12.9	12.9	12.9	14.9	16.8	18.6	20.4	22.7	24.9
-90°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.4	0.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	60.2	68.8	73.3	77.9	73.3	68.8	60.2	51.6	43.0	34.4	29.4
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0	2.5
80°	3.5	3.6	2.7	1.8	2.7	3.6	3.5	3.5	3.4	3.4	3.4
77.5°	2.3	1.9	2.7	3.6	2.7	1.9	2.3	2.8	3.3	3.6	3.6
75°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.7	4.4
72.5°	7.5	7.1	7.2	7.2	7.2	7.1	7.5	7.7	7.9	8.0	8.5
70°	9.0	9.0	9.1	9.1	9.1	9.0	9.0	9.0	9.0	9.5	10.8
67.5°	7.4	7.3	6.4	5.4	6.4	7.3	7.4	7.5	7.6	8.6	10.5
65°	6.7	7.1	6.4	5.4	6.4	7.1	6.7	6.3	6.0	7.0	9.0
62.5°	5.5	5.5	5.4	5.4	5.4	5.5	5.5	5.5	5.4	6.0	7.1
60°	4.8	5.3	5.4	5.4	5.4	5.3	4.8	4.5	4.2	4.8	5.6
57.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.8	4.7	4.9
55°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
52.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
50°	6.1	5.7	5.4	5.4	5.4	5.7	6.1	6.4	6.4	6.0	5.6
47.5°	7.8	7.4	7.2	7.2	7.2	7.4	7.8	8.2	8.3	8.0	7.4
45°	11.2	10.9	10.8	10.9	10.8	10.9	11.2	11.3	12.8	12.9	10.6
42.5°	16.2	16.2	16.2	16.3	16.2	16.2	16.2	16.0	18.9	23.4	26.7
40°	30.4	30.7	30.0	29.0	30.0	30.7	30.4	29.0	27.3	25.2	28.2
37.5°	44.5	44.9	44.9	45.3	44.9	44.9	44.5	44.6	44.8	41.2	42.3
35°	72.1	70.3	66.3	67.0	66.3	70.3	72.1	73.1	71.5	65.2	72.3
32.5°	138.0	136.1	128.5	134.0	128.5	136.1	138.0	132.8	124.6	117.4	115.2
30°	232.3	241.5	245.5	244.5	245.5	241.5	232.3	215.7	196.9	175.9	159.9
27.5°	357.7	378.1	390.9	398.5	390.9	378.1	357.7	330.7	277.8	254.2	209.9
25°	650.9	701.3	729.9	768.0	729.9	701.3	650.9	571.8	461.8	397.0	335.9
22.5°	1455.4	1638.1	1754.2	1836.7	1754.2	1638.1	1455.4	1150.0	866.2	667.4	545.2
20°	3776.1	3761.1	4063.8	4227.6	4063.8	3761.1	3776.1	2803.5	2146.4	1343.5	986.4
17.5°	11820.2	13698.7	14175.3	13767.9	14175.3	13698.7	11820.2	8211.7	6455.8	3747.5	2271.5
15°	30383.2	36657.8	39565.5	39525.0	39565.5	36657.8	30383.2	21984.6	15972.9	10114.3	5879.9
12.5°	65517.0	77635.2	85547.9	90334.6	85547.9	77635.2	65517.0	52289.8	33580.7	22302.1	13364.2
10°	118898.3	139657.7	156211.8	164528.4	156211.8	139657.7	118898.3	94251.8	65493.0	41160.0	23143.3
7.5°	176204.8	209793.8	238155.8	249929.0	238155.8	209793.8	176204.8	139625.8	99982.0	65618.9	38405.6
5°	242593.5	296038.9	322583.5	334021.7	322583.5	296038.9	242593.5	191800.2	138780.6	92001.6	52706.2
2.5°	298134.9	351427.3	388529.0	402629.4	388529.0	351427.3	298134.9	230776.0	166406.2	109447.0	61240.6
0°	309252.7	364964.6	405798.3	435356.5	405798.3	364964.6	309252.7	234552.6	169214.3	111072.5	64497.8
-2.5°	285639.2	340074.9	369911.5	382412.3	369911.5	340074.9	285639.2	218330.0	159078.0	105148.5	60954.8
-5°	248316.4	296630.8	324215.8	329756.0	324215.8	296630.8	248316.4	193350.4	142278.4	92869.5	52104.6
-7.5°	189758.4	223203.3	244960.9	249352.9	244960.9	223203.3	189758.4	148630.2	109467.5	73671.2	41790.6
-10°	138000.5	162114.4	176086.9	177599.0	176086.9	162114.4	138000.5	107866.0	78062.7	51283.4	28317.5
-12.5°	92205.3	111100.0	120982.1	122410.5	120982.1	111100.0	92205.3	72078.0	50092.1	33503.7	20310.1
-15°	57780.1	70070.3	77328.2	78901.5	77328.2	70070.3	57780.1	42804.4	31656.7	20944.1	12484.1
-17.5°	35601.3	41817.9	45624.9	48141.5	45624.9	41817.9	35601.3	26757.9	19577.9	12386.0	7271.3
-20°	20816.7	24848.0	27110.3	28139.0	27110.3	24848.0	20816.7	15559.4	11094.6	6615.5	4747.3



REPORT NUMBER: P1305599 (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°	10450.9	12439.8	13794.4	13999.8	13794.4	12439.8	10450.9	7716.3	5534.3	4312.1	3536.2
-25°	5068.5	5622.5	6002.6	6024.5	6002.6	5622.5	5068.5	4334.3	3597.6	3355.0	3133.8
-27.5°	3465.7	3581.0	3655.5	3698.7	3655.5	3581.0	3465.7	3315.9	3132.6	3095.8	3043.1
-30°	3105.3	3122.5	3133.0	3119.1	3133.0	3122.5	3105.3	3092.5	3080.3	3046.8	3019.7
-32.5°	3060.3	3068.4	3074.0	3064.8	3074.0	3068.4	3060.3	3052.5	3029.5	3000.3	2970.2
-35°	3056.8	3079.2	3096.6	3091.9	3096.6	3079.2	3056.8	3030.5	3001.3	2970.0	2914.7
-37.5°	3012.0	3031.6	3044.8	3044.8	3044.8	3031.6	3012.0	2986.3	2951.2	2911.0	2809.4
-40°	2945.3	2972.2	2988.9	2988.7	2988.9	2972.2	2945.3	2911.2	2850.3	2771.5	2616.1
-42.5°	2831.6	2869.3	2887.0	2885.4	2887.0	2869.3	2831.6	2776.2	2660.0	2503.3	2272.8
-45°	2587.5	2708.8	2773.8	2780.4	2773.8	2708.8	2587.5	2427.8	2215.1	1977.8	1724.9
-47.5°	1928.0	2114.9	2229.5	2255.1	2229.5	2114.9	1928.0	1723.0	1515.0	1307.6	1101.7
-50°	1114.9	1139.9	1150.5	1146.6	1150.5	1139.9	1114.9	1088.4	1061.7	1035.5	1009.5
-52.5°	1025.9	1035.9	1043.5	1048.8	1043.5	1035.9	1025.9	1015.4	1004.5	991.8	978.0
-55°	979.0	992.6	1001.2	1005.3	1001.2	992.6	979.0	961.5	940.0	912.6	882.4
-57.5°	852.8	866.3	873.8	876.7	873.8	866.3	852.8	835.6	814.6	789.6	761.3
-60°	723.6	736.8	744.5	748.1	744.5	736.8	723.6	707.1	687.4	665.8	642.2
-62.5°	600.7	613.2	620.6	624.9	620.6	613.2	600.7	585.6	567.8	548.7	526.9
-65°	494.3	506.0	512.4	516.2	512.4	506.0	494.3	480.8	465.6	447.8	426.6
-67.5°	411.4	423.2	430.8	436.5	430.8	423.2	411.4	398.1	383.3	364.8	342.0
-70°	324.9	336.4	340.6	342.3	340.6	336.4	324.9	312.1	298.0	281.1	259.9
-72.5°	227.7	237.2	243.6	248.2	243.6	237.2	227.7	216.7	204.5	190.1	172.6
-75°	118.4	123.6	127.3	130.4	127.3	123.6	118.4	112.6	106.2	99.2	91.5
-77.5°	70.9	75.5	77.8	79.7	77.8	75.5	70.9	66.2	61.5	56.8	52.2
-80°	52.9	55.9	57.0	58.0	57.0	55.9	52.9	49.8	46.6	43.4	40.5
-82.5°	39.2	41.6	42.6	43.5	42.6	41.6	39.2	36.7	34.2	31.6	29.5
-85°	31.6	34.3	35.3	36.2	35.3	34.3	31.6	28.8	26.0	23.2	21.7
-87.5°	27.0	29.1	30.8	32.6	30.8	29.1	27.0	24.9	22.7	20.4	18.6
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	24.4	19.5	14.5	14.5	14.5	14.5	14.5	14.0	13.6	13.1	12.7
87.5°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4
85°	3.5	3.5	3.6	4.0	4.3	4.5	4.8	4.8	5.0	5.2	5.4
82.5°	2.9	3.3	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4
80°	3.4	3.5	3.7	4.1	4.6	5.0	5.4	5.5	5.5	5.4	5.5
77.5°	3.6	3.6	3.7	4.4	4.9	5.4	5.7	5.9	6.2	6.4	6.4
75°	4.9	5.2	5.5	6.3	6.8	6.9	7.0	6.9	6.9	7.0	7.2
72.5°	8.8	9.1	10.0	11.4	12.1	12.7	12.8	12.1	10.7	8.7	7.2
70°	11.9	12.8	15.2	18.6	21.1	22.4	22.8	21.9	19.7	17.6	14.0
67.5°	12.3	14.0	17.3	21.5	25.1	28.5	32.1	35.2	35.3	32.7	24.1
65°	11.1	13.5	16.5	19.6	23.5	28.4	35.5	40.4	43.5	44.7	37.0
62.5°	8.6	10.5	12.4	15.0	18.3	23.5	31.9	39.4	46.3	48.4	40.8
60°	6.4	7.3	8.8	10.6	12.7	17.2	25.3	34.6	44.8	44.6	40.6
57.5°	5.1	6.0	7.2	8.2	9.0	12.3	18.3	26.5	36.3	37.2	35.9
55°	5.4	6.1	7.1	8.2	9.1	10.3	12.5	17.4	24.9	27.3	27.8
52.5°	5.4	6.4	7.4	8.5	9.3	9.8	10.4	12.9	15.2	18.5	20.3
50°	5.6	6.7	7.7	8.8	9.5	10.0	10.4	10.9	12.2	13.6	14.8
47.5°	7.2	7.8	8.3	9.2	9.8	10.1	10.6	11.3	11.9	12.1	12.9
45°	10.4	10.3	10.2	11.0	11.1	11.2	11.1	12.3	12.9	13.0	12.7
42.5°	23.8	17.6	13.5	15.7	15.3	14.5	13.7	14.7	14.8	14.5	15.5
40°	34.7	40.3	34.2	27.8	25.7	21.4	20.5	19.0	18.6	17.2	20.1
37.5°	42.4	42.2	53.0	56.9	47.1	38.6	32.5	27.5	24.0	25.3	27.4
35°	69.1	66.2	69.3	75.0	76.8	68.4	54.6	41.8	35.2	35.9	36.7
32.5°	116.7	106.7	101.2	100.9	106.6	104.4	87.8	67.0	54.5	50.5	47.9
30°	154.9	149.3	136.2	143.7	154.0	146.4	126.7	113.8	92.5	67.9	61.3
27.5°	213.3	201.9	185.7	207.4	218.2	205.2	190.8	175.8	140.7	103.2	81.8
25°	321.2	292.6	295.6	302.9	299.0	291.5	271.1	246.5	207.1	156.5	131.3
22.5°	479.8	460.4	444.1	421.0	441.6	425.9	370.2	322.2	313.7	297.7	226.7
20°	780.2	701.4	631.7	686.2	701.0	609.6	495.9	503.7	561.5	505.9	354.6
17.5°	1600.5	1213.6	1062.5	1152.2	1078.7	896.1	894.0	875.7	858.2	767.4	507.1
15°	3068.1	2288.5	1894.0	1732.4	1633.9	1549.8	1509.2	1304.6	1201.9	1053.5	753.9
12.5°	7207.3	3863.3	2807.3	2477.5	2397.0	2253.1	2161.3	1866.1	1594.8	1421.5	1134.0
10°	12504.7	6734.3	4254.1	3403.4	3151.4	2966.1	2721.7	2362.3	2013.3	1816.3	1526.4
7.5°	20707.2	11029.0	6029.3	4262.7	3789.1	3475.6	3118.0	2766.9	2415.4	2200.6	1922.5
5°	27129.6	14250.4	7163.1	4944.8	4320.6	3969.1	3516.5	3116.5	2801.6	2573.9	2311.0
2.5°	30387.8	15883.8	7888.4	5589.9	4817.5	4430.3	3921.4	3427.8	3082.9	2811.8	2533.0
0°	<b>33457.1</b>	<b>18453.8</b>	<b>9015.0</b>	<b>6091.5</b>	<b>5218.4</b>	<b>4810.9</b>	<b>4329.1</b>	<b>3722.3</b>	<b>3309.3</b>	<b>3014.1</b>	<b>2726.0</b>
-2.5°	31097.1	16987.6	8223.2	5678.2	5001.6	4628.4	4310.2	3822.2	3390.9	3046.4	2696.2
-5°	26895.0	14159.9	7356.7	5263.5	4665.6	4369.8	4146.3	3781.1	3376.3	3034.7	2628.2
-7.5°	21755.1	11270.2	6357.9	4793.8	4300.3	4079.2	3891.7	3577.0	3188.1	2887.1	2460.9
-10°	15433.7	8260.0	5296.3	4291.2	3949.2	3792.1	3647.5	3341.7	2995.8	2731.8	2263.3
-12.5°	11096.7	5982.9	4266.4	3765.8	3621.1	3537.7	3422.4	3087.8	2804.8	2572.8	2039.4
-15°	6688.4	4626.9	3777.4	3449.9	3333.9	3290.8	3193.0	2878.4	2656.8	2416.0	1792.5
-17.5°	4834.4	3696.9	3345.1	3202.3	3127.8	3062.9	2946.7	2720.3	2495.7	2192.6	1523.2
-20°	3651.4	3326.7	3120.0	2988.5	2936.7	2881.0	2744.2	2547.3	2309.7	1867.7	1264.2



REPORT NUMBER: P1305599 (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°	3275.2	3168.7	3025.6	2855.4	2744.3	2671.8	2548.5	2362.6	2101.7	1524.8	1011.0
-25°	3122.7	3102.6	3000.3	2833.7	2620.3	2477.3	2370.5	2175.5	1765.2	1212.3	798.2
-27.5°	3046.8	3044.1	2994.2	2796.4	2555.6	2342.6	2191.4	1959.1	1427.3	979.1	768.0
-30°	2996.0	2961.6	2880.6	2688.0	2430.8	2229.8	2031.7	1591.6	1148.9	802.7	755.1
-32.5°	2915.2	2850.8	2722.6	2479.9	2273.9	2111.2	1706.4	1254.2	883.3	788.0	749.1
-35°	2848.8	2687.1	2469.9	2297.6	2164.5	1776.2	1349.1	972.4	817.8	773.5	744.2
-37.5°	2648.3	2441.6	2288.0	2112.1	1758.4	1380.8	1014.6	856.8	801.7	767.3	716.0
-40°	2421.6	2249.7	1957.1	1647.2	1322.7	989.2	894.1	846.6	804.1	745.0	675.8
-42.5°	2023.1	1756.4	1474.2	1186.4	958.4	924.5	889.5	848.1	787.9	707.0	628.5
-45°	1477.0	1230.4	1010.2	975.9	941.9	913.4	888.5	820.4	740.1	657.7	578.1
-47.5°	1039.0	1005.9	976.7	953.9	926.7	892.7	830.8	761.4	678.9	600.7	530.3
-50°	988.9	970.8	951.9	924.3	870.1	813.5	751.5	686.1	612.0	543.6	478.0
-52.5°	959.3	918.6	875.7	831.2	779.4	721.6	662.8	606.9	545.0	481.8	421.3
-55°	849.8	811.7	769.8	725.4	679.5	630.6	580.1	527.6	472.8	415.4	363.6
-57.5°	729.9	696.2	661.2	624.3	585.8	540.3	492.3	444.2	399.1	351.3	305.8
-60°	616.5	588.5	555.4	520.4	483.5	443.6	404.2	364.8	325.9	293.0	258.2
-62.5°	501.2	471.4	444.4	416.6	385.7	352.0	321.2	295.3	269.2	240.7	205.5
-65°	402.1	373.9	348.3	325.7	302.4	278.2	256.2	232.3	206.5	179.0	149.0
-67.5°	317.6	291.8	270.4	250.8	229.7	206.5	185.1	163.1	143.5	123.7	101.3
-70°	237.8	215.2	195.1	176.2	157.3	139.9	124.6	108.9	91.5	77.0	64.5
-72.5°	155.0	137.6	122.2	109.1	96.5	86.6	76.5	65.9	55.6	45.5	38.3
-75°	83.2	74.3	65.7	58.9	51.8	44.2	40.7	39.0	37.0	34.8	32.4
-77.5°	47.7	43.4	39.9	38.8	37.5	36.2	34.8	32.9	30.9	29.0	27.2
-80°	37.6	34.7	32.1	31.0	29.9	28.9	27.7	26.3	24.8	23.6	22.5
-82.5°	27.4	25.3	23.3	22.9	22.5	22.0	21.4	20.7	20.0	19.3	18.7
-85°	20.2	18.7	17.1	16.9	16.7	16.4	16.1	15.9	15.6	15.3	14.9
-87.5°	16.8	14.9	12.9	12.9	12.9	13.0	13.0	13.0	12.9	12.8	12.7
-90°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4



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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°	12.3	11.8	11.4	10.9	10.9	10.9	10.9	10.9	10.5	10.0	9.6
87.5°	5.4	5.4	5.4	5.4	5.6	5.9	6.0	6.2	6.4	6.6	6.9
85°	5.6	5.7	5.7	5.7	6.0	6.3	6.7	6.9	6.9	6.9	7.0
82.5°	5.9	6.3	6.5	6.7	6.7	6.8	6.9	7.2	7.2	7.2	7.2
80°	5.9	6.4	6.8	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2
77.5°	6.4	6.6	6.9	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	10.5	7.8	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.2
67.5°	16.4	12.4	9.4	7.5	7.2	7.2	7.2	7.4	7.5	7.2	7.2
65°	26.8	18.5	12.4	10.0	8.1	7.2	7.2	7.6	7.8	7.6	7.2
62.5°	33.4	25.6	18.0	12.9	9.8	8.1	7.2	7.7	8.1	8.1	7.5
60°	35.8	28.3	23.0	17.6	12.5	9.1	8.0	7.8	8.2	8.5	8.0
57.5°	32.3	29.2	25.7	21.4	16.2	11.2	8.9	8.3	8.3	8.7	8.6
55°	26.9	25.5	27.0	24.1	19.4	14.1	10.3	9.1	8.5	8.8	9.1
52.5°	20.2	22.7	26.0	25.9	22.0	16.8	12.6	9.9	9.2	8.9	9.3
50°	15.3	19.6	24.6	26.6	24.4	19.4	14.6	11.4	9.9	9.1	9.5
47.5°	14.2	17.9	22.1	27.0	26.3	21.7	16.6	12.7	10.5	9.7	9.7
45°	15.2	17.7	20.7	25.0	28.0	23.3	18.5	13.7	11.4	10.4	9.9
42.5°	17.3	19.2	21.2	23.3	26.3	24.2	20.2	15.1	12.0	11.0	10.4
40°	21.6	21.9	22.5	24.5	25.1	24.8	20.9	16.5	12.4	11.7	11.0
37.5°	27.0	26.2	25.5	27.6	25.7	24.5	21.1	17.6	13.7	12.6	11.5
35°	35.4	32.2	31.5	32.9	30.1	25.0	21.1	18.3	15.6	13.6	12.1
32.5°	45.4	42.7	41.7	39.5	36.1	26.3	21.6	19.8	17.6	14.6	12.6
30°	59.9	61.9	54.1	47.0	43.2	31.9	24.1	21.7	19.5	15.7	13.2
27.5°	89.0	86.4	69.9	58.2	50.4	39.6	29.4	23.8	21.5	17.0	14.1
25°	126.4	116.2	94.0	71.8	58.2	63.7	35.7	26.3	23.4	18.7	15.0
22.5°	176.1	150.7	121.7	86.6	93.7	96.0	49.1	31.3	25.3	20.3	16.0
20°	233.6	189.5	163.3	144.3	137.1	128.0	72.7	36.8	27.3	21.8	16.9
17.5°	306.7	270.3	262.0	218.7	185.6	162.9	100.6	42.8	29.5	23.3	17.8
15°	504.9	399.1	367.8	302.0	237.0	200.4	132.0	49.0	31.7	24.8	18.7
12.5°	754.3	528.6	479.1	392.1	290.8	239.8	165.7	55.4	34.0	26.2	19.4
10°	1029.7	658.1	594.3	486.7	346.0	280.2	200.6	63.0	37.8	27.6	20.0
7.5°	1319.7	786.9	711.4	583.3	400.7	319.2	236.9	73.0	42.0	29.0	20.5
5°	1588.5	898.3	808.7	664.7	449.5	355.2	271.7	83.0	46.2	30.3	21.0
2.5°	1741.5	982.5	890.3	739.4	496.8	389.6	303.6	92.5	50.4	31.5	21.4
0°	1865.7	1063.2	967.2	807.9	541.6	422.0	331.5	101.4	54.3	32.6	21.7
-2.5°	1833.1	1050.8	952.9	801.6	555.5	431.8	335.6	117.8	67.2	41.1	25.9
-5°	1769.3	1034.7	934.3	788.9	565.7	439.0	335.3	133.1	79.5	49.1	30.0
-7.5°	1646.7	998.5	905.4	770.4	571.9	443.4	331.5	147.0	91.0	56.7	33.7
-10°	1490.1	949.5	864.4	738.8	563.2	441.8	324.9	159.5	101.4	63.5	37.0
-12.5°	1308.4	899.3	824.4	705.0	549.8	435.5	316.4	170.2	110.6	69.3	39.8
-15°	1103.6	848.8	786.8	670.3	533.9	427.6	306.6	179.1	118.5	74.6	42.0
-17.5°	882.6	798.4	753.1	636.0	515.9	418.3	296.3	186.0	125.1	79.3	44.2
-20°	819.8	765.3	721.2	603.0	496.1	407.9	286.0	190.9	130.3	82.9	46.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	789.3	747.2	685.3	576.0	477.5	396.5	276.3	193.6	134.0	85.1	47.2
-25°	760.9	730.5	651.2	550.9	461.9	379.6	272.5	194.0	136.2	86.0	47.2
-27.5°	740.6	708.9	617.3	523.8	444.7	365.4	271.7	195.7	136.9	85.5	46.0
-30°	724.9	670.5	584.7	496.9	425.5	346.1	268.1	195.4	135.9	83.9	43.6
-32.5°	711.9	633.7	551.0	473.9	402.9	325.7	256.3	193.0	133.0	81.1	42.1
-35°	678.2	597.9	516.4	448.8	378.7	307.0	241.0	188.5	128.0	76.6	40.3
-37.5°	642.1	560.7	487.1	421.8	353.9	286.4	226.7	175.2	120.9	70.2	37.7
-40°	599.3	523.8	456.9	394.1	329.0	263.9	210.5	159.9	112.1	62.1	34.2
-42.5°	554.5	487.6	424.3	365.4	302.4	243.9	192.3	142.9	98.0	55.7	29.9
-45°	511.6	448.4	388.9	331.8	274.6	221.8	171.7	124.6	82.4	49.8	26.6
-47.5°	465.3	406.2	350.2	295.9	247.6	197.5	149.3	106.0	66.0	42.6	25.6
-50°	415.7	361.2	309.0	262.0	217.3	170.6	125.8	86.4	55.9	33.7	24.4
-52.5°	365.4	314.3	269.7	228.0	185.1	141.8	102.8	66.7	45.2	29.3	22.9
-55°	313.3	270.7	232.1	191.9	151.3	114.2	78.7	54.2	34.0	26.9	21.2
-57.5°	267.8	229.6	191.6	153.8	119.0	86.3	60.4	41.1	29.5	24.5	20.6
-60°	222.3	184.7	149.1	117.8	87.6	63.2	45.3	31.1	26.8	22.4	19.8
-62.5°	171.1	138.7	110.4	82.8	62.4	46.0	32.0	28.3	24.2	21.3	18.9
-65°	123.4	97.6	72.8	58.0	43.2	32.2	29.1	25.5	22.5	20.1	18.0
-67.5°	78.7	64.4	50.1	36.9	31.8	28.9	26.0	23.3	20.9	18.8	17.1
-70°	51.9	39.4	33.4	30.7	28.2	25.7	23.7	21.4	19.3	17.9	16.2
-72.5°	35.1	32.1	29.3	26.9	25.3	23.5	21.4	19.6	18.4	17.0	15.4
-75°	29.8	27.8	26.2	24.8	23.1	21.3	19.9	18.8	17.6	16.2	14.4
-77.5°	25.7	24.5	23.6	22.5	21.0	19.7	18.8	18.1	16.7	15.1	13.4
-80°	21.9	21.1	20.4	19.6	18.7	18.1	17.5	16.8	15.4	13.9	12.4
-82.5°	18.2	17.8	17.4	17.1	16.7	16.3	15.9	15.4	14.1	12.7	11.5
-85°	14.9	14.9	14.9	15.0	14.8	14.5	14.2	13.9	12.8	11.8	10.9
-87.5°	12.9	13.0	13.0	13.0	12.8	12.7	12.6	12.4	11.7	10.9	10.2
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.1	8.6	8.2	7.7	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.4	7.2	7.2	7.2	7.2	7.2
72.5°	7.3	7.5	7.4	7.2	7.2	7.2	7.2
70°	7.4	7.6	7.6	7.2	7.2	7.2	7.2
67.5°	7.4	7.8	7.8	7.4	7.2	7.2	7.2
65°	7.5	7.9	8.0	7.6	7.2	7.2	7.2
62.5°	7.5	7.9	8.2	7.8	7.2	7.2	7.2
60°	7.6	8.0	8.4	8.0	7.2	7.2	7.2
57.5°	8.0	8.0	8.4	8.2	7.3	7.2	7.2
55°	8.5	8.1	8.5	8.4	7.5	7.2	7.2
52.5°	8.9	8.2	8.5	8.6	7.6	7.2	7.2
50°	9.4	8.6	8.6	8.8	7.7	7.2	7.2
47.5°	9.8	9.0	8.6	9.0	7.9	7.2	7.2
45°	10.0	9.3	8.7	9.0	8.0	7.2	7.2
42.5°	10.3	9.7	8.8	9.1	8.1	7.2	7.2
40°	10.6	10.0	8.9	9.1	8.2	7.2	7.2
37.5°	10.9	10.3	9.2	9.2	8.3	7.2	7.2
35°	11.2	10.6	9.4	9.2	8.4	7.2	7.2
32.5°	11.6	10.9	9.7	9.3	8.5	7.2	7.2
30°	12.1	11.2	9.9	9.4	8.6	7.2	7.2
27.5°	12.5	11.5	10.1	9.5	8.7	7.2	7.2
25°	12.9	11.7	10.3	9.6	8.7	7.2	7.2
22.5°	13.4	12.0	10.5	9.7	8.8	7.2	7.2
20°	13.7	12.1	10.6	9.8	8.9	7.2	7.2
17.5°	14.1	12.3	10.7	9.9	8.9	7.2	7.2
15°	14.4	12.4	10.8	10.1	9.0	7.2	7.2
12.5°	14.8	12.5	10.8	10.2	9.0	7.2	7.2
10°	15.1	12.6	10.9	10.4	9.0	7.2	7.2
7.5°	15.4	12.6	10.9	10.5	9.1	7.2	7.2
5°	15.7	12.7	10.9	10.6	9.1	7.2	7.2
2.5°	16.0	12.7	10.9	10.8	9.1	7.2	7.2
0°	16.3	12.7	10.9	10.9	9.1	7.2	7.2
-2.5°	17.7	13.1	11.2	11.0	9.2	7.2	7.2
-5°	19.1	13.5	11.5	11.1	9.2	7.3	7.2
-7.5°	20.3	13.8	11.8	11.2	9.3	7.3	7.2
-10°	21.4	14.1	12.1	11.3	9.4	7.4	7.2
-12.5°	22.3	14.5	12.4	11.4	9.4	7.4	7.2
-15°	23.0	14.8	12.7	11.4	9.4	7.4	7.2
-17.5°	23.4	15.0	12.9	11.5	9.5	7.5	7.2
-20°	23.9	15.3	13.1	11.5	9.5	7.5	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.4	15.5	13.3	11.5	9.5	7.5	7.2
-25°	24.5	15.8	13.4	11.5	9.5	7.6	7.2
-27.5°	24.1	16.1	13.5	11.5	9.5	7.6	7.2
-30°	23.2	16.3	13.6	11.5	9.5	7.6	7.2
-32.5°	21.7	16.4	13.6	11.5	9.5	7.6	7.2
-35°	21.2	16.4	13.6	11.5	9.5	7.6	7.2
-37.5°	21.2	16.3	13.6	11.4	9.4	7.7	7.2
-40°	21.0	16.3	13.6	11.4	9.4	7.7	7.2
-42.5°	20.5	16.2	13.5	11.3	9.4	7.7	7.2
-45°	19.9	16.1	13.4	11.2	9.3	7.7	7.2
-47.5°	19.1	15.9	13.3	11.1	9.2	7.7	7.2
-50°	18.7	15.7	13.2	11.0	9.2	7.7	7.2
-52.5°	18.4	15.5	13.0	10.9	9.1	7.7	7.2
-55°	18.0	15.2	12.7	10.7	9.0	7.6	7.2
-57.5°	17.5	14.8	12.5	10.6	8.9	7.6	7.2
-60°	17.0	14.4	12.2	10.4	8.8	7.6	7.2
-62.5°	16.4	14.0	11.9	10.2	8.8	7.6	7.2
-65°	15.7	13.5	11.6	10.0	8.7	7.6	7.2
-67.5°	15.0	13.0	11.2	9.8	8.5	7.5	7.2
-70°	14.3	12.4	10.8	9.5	8.4	7.5	7.2
-72.5°	13.5	11.9	10.4	9.3	8.3	7.5	7.2
-75°	12.7	11.3	10.0	9.1	8.1	7.4	7.2
-77.5°	11.8	10.6	9.7	8.9	8.0	7.4	7.2
-80°	11.0	10.2	9.4	8.6	7.8	7.4	7.2
-82.5°	10.5	9.8	9.1	8.4	7.7	7.3	7.2
-85°	10.0	9.4	8.8	8.2	7.5	7.3	7.2
-87.5°	9.6	9.0	8.5	7.9	7.4	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)