

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: P1305715 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-1S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

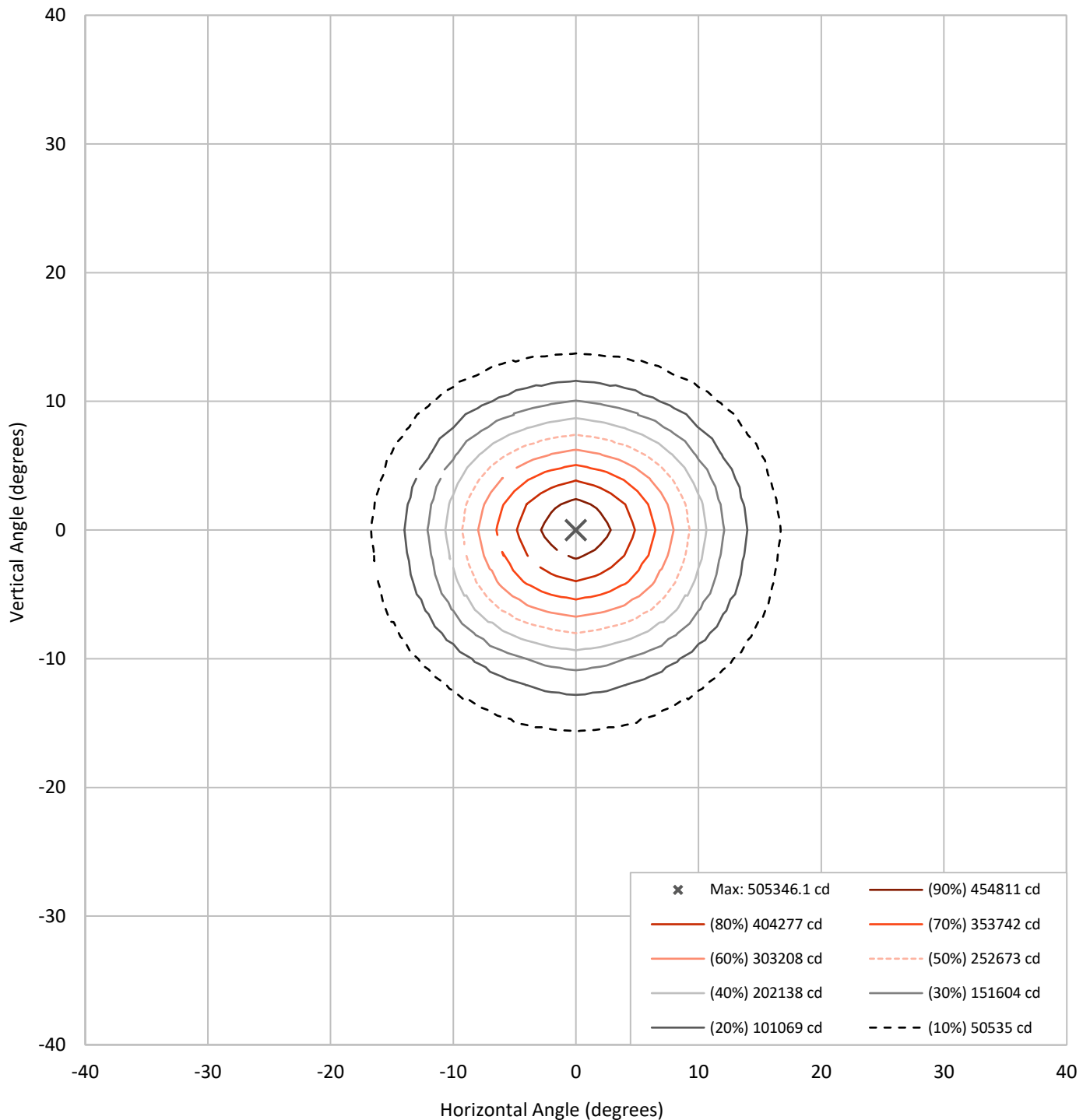
Test Method: LM-79-08  
Report Number: P1305715 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-80-1S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 1S 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:	51954.4 lumens	Max Intensity:	505346.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	23960.7 lumens	Field Lumens:	44205 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	677		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





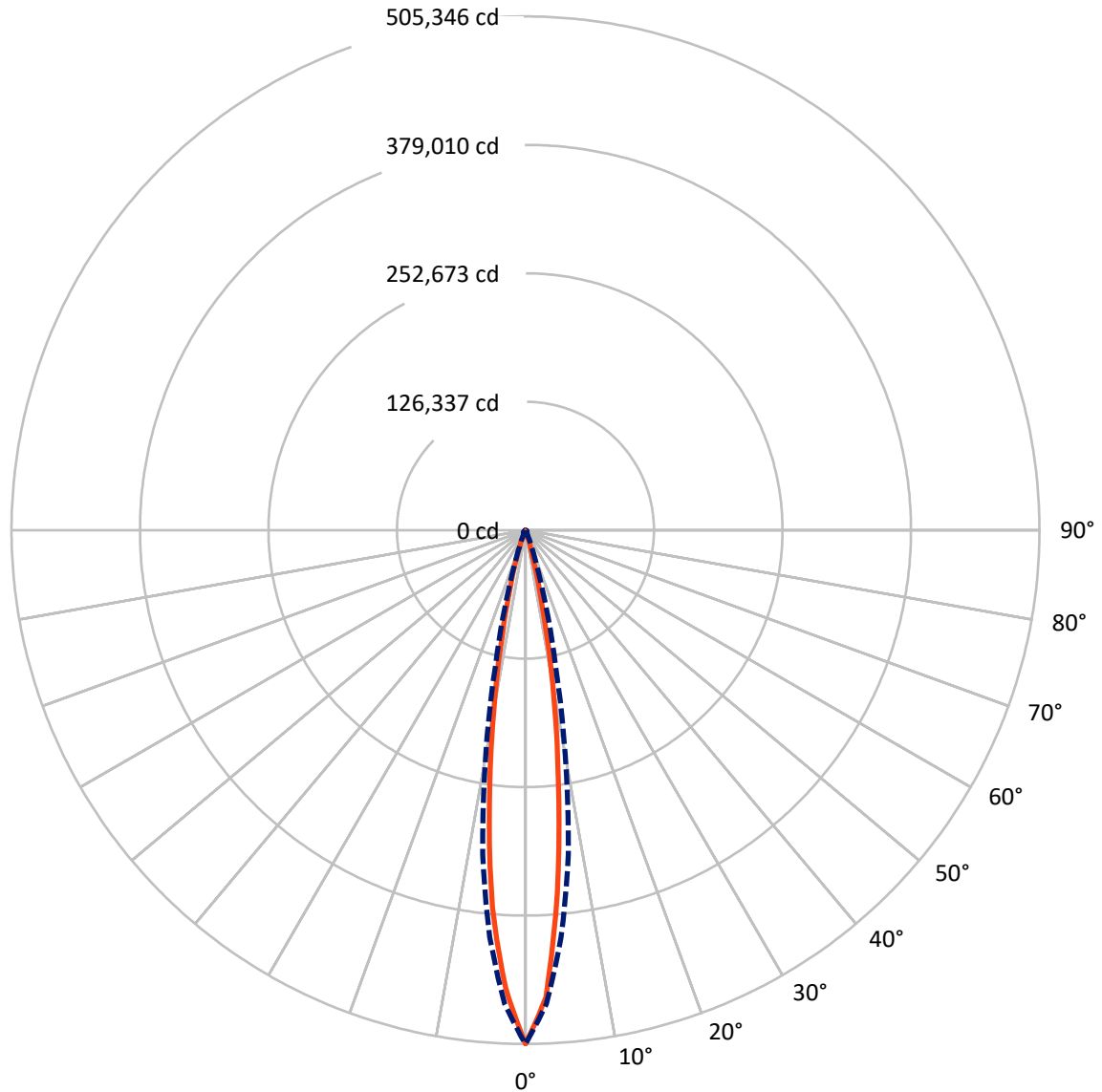
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### Lumen Table

90	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
80	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.2	0.2			
40		0.3	0.6	0.8	1.4	1.9	2.0	2.3	2.3	2.0	1.9	1.4	0.8	0.6	0.3				
30	0.3	0.5	1.3	3.1	5.8	6.6	9.4	18.8	18.8	9.4	6.6	5.8	3.1	1.3	0.5	0.3			
20		1.0	4.2	14.2	26.4	35.1	260.5	1084.9	1084.9	260.5	35.1	26.4	14.2	4.2	1.0				
10	0.4	1.7	8.4	35.7	57.8	131.4	1911.1	8281.1	8281.1	1911.1	131.4	57.8	35.7	8.4	1.7	0.4			
0		2.1	9.7	41.1	67.7	134.6	2051.0	8655.6	8655.6	2051.0	134.6	67.7	41.1	9.7	2.1				
-10	0.5	2.2	8.5	31.0	55.9	61.6	437.4	1699.0	1699.0	437.4	61.6	55.9	31.0	8.5	2.2	0.5			
-20		2.2	7.3	17.4	45.0	52.1	57.4	111.8	111.8	57.4	52.1	45.0	17.4	7.3	2.2				
-30	0.4	1.9	6.2	11.1	27.5	52.1	60.8	61.4	61.4	60.8	52.1	27.5	11.1	6.2	1.9	0.4			
-40		1.3	4.6	9.5	14.9	26.3	44.3	58.2	58.2	44.3	26.3	14.9	9.5	4.6	1.3				
-50	0.3	0.6	2.6	6.2	11.2	15.4	18.2	20.2	20.2	18.2	15.4	11.2	6.2	2.6	0.6	0.3			
-60		0.3	0.9	2.5	4.9	7.7	10.2	12.1	12.1	10.2	7.7	4.9	2.5	0.9	0.3				
-70	0.2	0.9		2.3		5.4		9.1		5.4		2.3		0.9		0.2			
-80		0.9		2.3		5.4		9.1		5.4		2.3		0.9					
-90	0.2	0.9		2.3		5.4		9.1		5.4		2.3		0.9		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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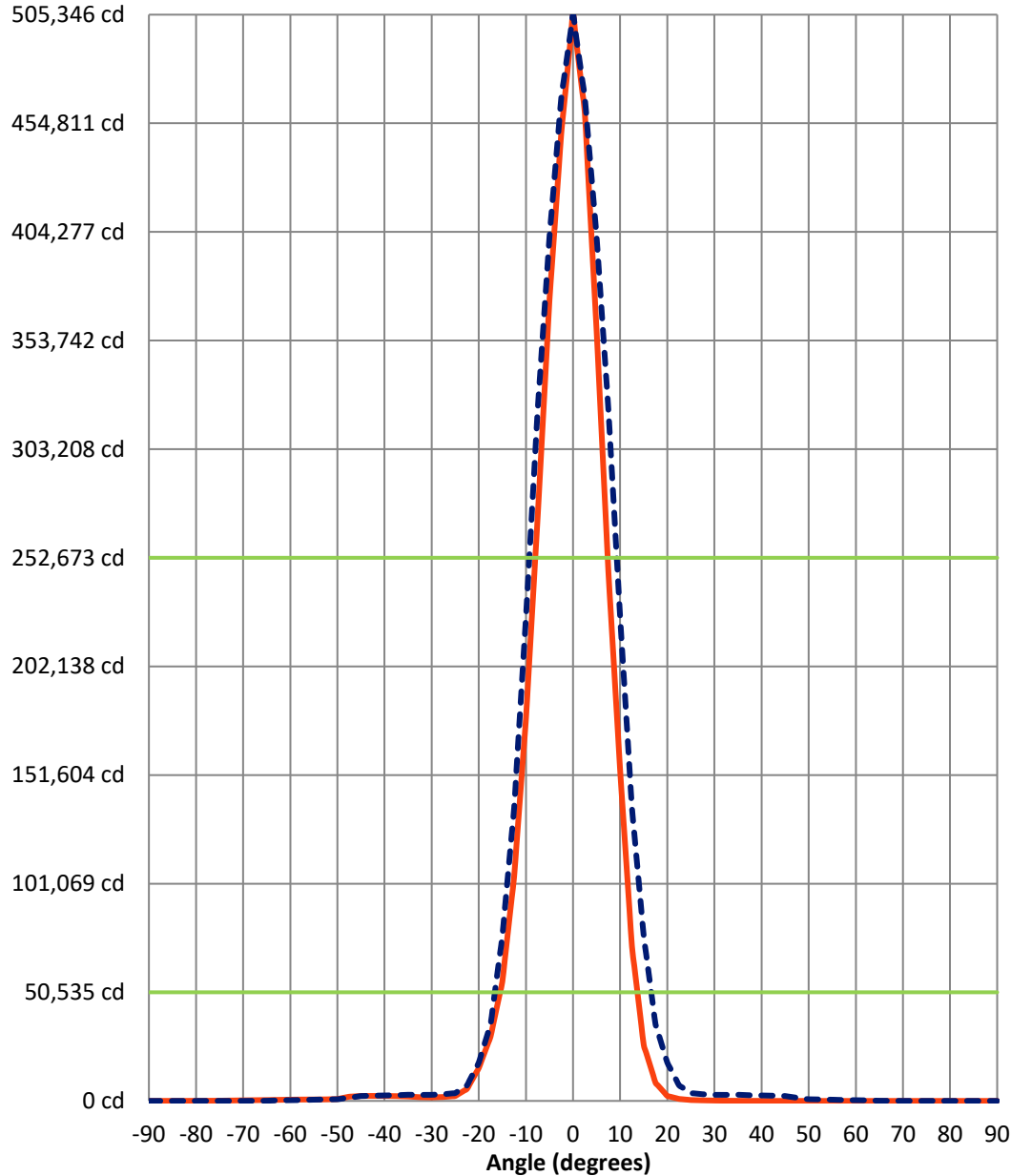
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.6°  
V Angle: 15.4°  
Lumens: 23960.7  
Efficiency: 46.1%

**Field:**  
H Angle: 33.2°  
V Angle: 29.1°  
Lumens: 44205  
Efficiency: 85.1%

**Spill:**  
Lumens: 7749.4  
Efficiency: 14.9%

— 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°	6.4	6.4	6.4	6.7	7.1	7.4	7.7	7.7	7.7	7.7	7.7
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.6	6.5	6.4	6.4	6.5	6.5
72.5°	6.4	6.4	6.4	6.4	6.7	6.8	6.5	6.5	6.7	6.7	6.5
70°	6.4	6.4	6.4	6.4	6.9	7.0	6.7	6.8	6.9	6.9	7.0
67.5°	6.4	6.4	6.4	6.7	7.2	7.2	7.0	7.1	7.2	7.4	7.6
65°	6.4	6.4	6.4	7.0	7.5	7.5	7.4	7.5	7.7	7.9	8.0
62.5°	6.4	6.4	6.4	7.2	7.7	7.8	7.8	7.9	8.1	8.4	8.2
60°	6.4	6.4	6.4	7.5	8.0	8.1	8.2	8.3	8.6	8.7	8.4
57.5°	6.4	6.4	6.6	7.8	8.3	8.4	8.6	8.7	9.0	9.0	8.9
55°	6.4	6.4	6.7	8.0	8.5	8.7	9.1	9.2	9.4	9.4	9.6
52.5°	6.4	6.4	6.9	8.3	8.8	9.1	9.5	9.7	9.8	10.0	10.2
50°	6.4	6.4	7.1	8.6	9.0	9.5	10.0	10.3	10.3	10.5	11.7
47.5°	6.4	6.4	7.2	8.9	9.3	9.9	10.6	11.0	10.7	11.1	13.3
45°	6.4	6.4	7.3	9.1	9.5	10.4	11.2	11.7	11.5	12.4	14.8
42.5°	6.4	6.4	7.4	9.3	9.8	10.8	11.8	12.5	12.4	13.6	16.4
40°	6.4	6.4	7.5	9.3	10.1	11.3	12.5	13.3	13.5	14.8	17.7
37.5°	6.4	6.4	7.6	9.4	10.4	11.8	13.3	14.2	15.0	16.5	18.8
35°	6.4	6.4	7.7	9.4	10.8	12.3	14.0	15.1	16.4	18.3	19.6
32.5°	6.4	6.4	7.8	9.4	11.1	12.9	14.8	16.1	17.8	20.3	21.7
30°	6.4	6.4	7.8	9.5	11.5	13.5	15.6	17.2	19.2	22.5	24.2
27.5°	6.4	6.4	7.9	9.5	11.6	14.1	16.4	18.4	20.7	24.8	26.9
25°	6.4	6.4	7.9	9.5	11.6	14.7	17.3	19.5	22.6	27.1	29.9
22.5°	6.4	6.4	7.9	9.5	11.6	15.1	18.1	20.6	24.5	29.6	34.5
20°	6.4	6.4	7.9	9.4	11.6	15.1	19.0	21.7	26.5	32.1	39.4
17.5°	6.4	6.4	7.9	9.4	11.5	15.0	19.1	22.8	28.4	34.7	44.6
15°	6.4	6.4	7.9	9.4	11.4	14.8	18.8	23.2	30.4	37.4	50.0
12.5°	6.4	6.4	7.9	9.3	11.3	14.6	18.4	22.9	31.2	40.1	55.4
10°	6.4	6.4	7.9	9.3	11.1	14.3	17.9	22.5	31.2	41.4	60.6
7.5°	6.4	6.4	7.8	9.2	10.9	14.0	17.3	22.1	31.0	42.5	65.4
5°	6.4	6.4	7.8	9.2	10.7	13.7	16.7	21.7	30.7	43.5	70.1
2.5°	6.4	6.4	7.8	9.1	10.5	13.3	16.1	21.2	30.2	44.3	74.5
0°	6.4	6.4	7.7	9.0	10.3	12.9	15.4	20.6	29.6	45.0	78.4
-2.5°	6.4	6.4	7.7	9.0	10.4	13.0	16.1	22.8	34.9	53.9	90.6
-5°	6.4	6.5	7.7	9.0	10.5	13.1	16.7	24.8	39.9	62.3	102.0
-7.5°	6.4	6.5	7.7	9.0	10.6	13.2	17.3	26.7	44.4	70.1	112.3
-10°	6.4	6.5	7.7	8.9	10.6	13.2	17.7	28.3	48.4	77.1	121.4
-12.5°	6.4	6.5	7.7	8.9	10.7	13.3	18.1	29.5	51.7	83.2	130.1
-15°	6.4	6.6	7.6	8.9	10.7	13.2	18.3	30.4	55.0	89.6	137.6
-17.5°	6.4	6.6	7.6	8.8	10.7	13.2	18.4	31.9	58.6	94.9	143.5
-20°	6.4	6.6	7.6	8.8	10.7	13.2	18.7	33.5	61.2	99.0	147.6



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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°	6.4	6.6	7.6	8.7	10.6	13.1	19.2	34.5	62.7	101.9	149.8
-25°	6.4	6.6	7.6	8.6	10.5	13.2	19.4	34.6	63.0	103.5	150.0
-27.5°	6.4	6.7	7.5	8.6	10.4	13.4	19.3	33.9	62.1	103.8	151.3
-30°	6.4	6.7	7.5	8.5	10.2	13.4	18.8	32.2	60.9	102.6	150.9
-32.5°	6.4	6.7	7.5	8.4	10.2	13.4	17.9	31.3	59.1	99.7	148.7
-35°	6.4	6.7	7.5	8.3	10.1	13.3	17.5	30.3	55.9	95.1	144.7
-37.5°	6.4	6.7	7.5	8.2	10.0	13.2	17.4	28.6	51.3	88.7	133.8
-40°	6.4	6.7	7.5	8.1	9.9	13.0	17.2	26.4	45.5	81.9	121.2
-42.5°	6.4	6.7	7.5	8.0	9.8	12.9	16.8	23.6	41.1	71.8	107.3
-45°	6.4	6.7	7.5	8.0	9.8	12.6	16.3	21.4	37.1	60.6	92.6
-47.5°	6.4	6.7	7.5	7.9	9.7	12.3	15.7	20.7	32.4	48.7	79.0
-50°	6.4	6.7	7.5	8.0	9.7	12.0	15.2	19.8	26.4	41.9	64.6
-52.5°	6.4	6.7	7.5	8.0	9.6	11.6	14.8	18.7	23.5	34.7	50.1
-55°	6.4	6.7	7.5	8.1	9.4	11.4	14.2	17.6	21.8	27.1	41.5
-57.5°	6.4	6.7	7.5	8.1	9.3	11.2	13.7	16.8	20.0	23.9	32.5
-60°	6.4	6.7	7.5	8.1	9.1	11.0	13.1	16.0	18.4	21.9	25.4
-62.5°	6.4	6.7	7.5	8.1	9.1	10.7	12.7	15.0	17.3	19.8	23.2
-65°	6.4	6.6	7.4	8.1	9.0	10.4	12.3	14.1	16.2	18.4	20.8
-67.5°	6.4	6.6	7.3	8.0	8.8	10.1	11.8	13.5	15.1	17.1	19.1
-70°	6.4	6.6	7.2	8.0	8.7	9.8	11.3	12.9	14.3	15.8	17.6
-72.5°	6.4	6.6	7.1	7.9	8.5	9.5	10.8	12.2	13.6	14.9	16.2
-75°	6.4	6.6	7.0	7.7	8.3	9.1	10.3	11.5	12.8	14.0	15.2
-77.5°	6.4	6.5	6.9	7.5	8.1	8.8	9.7	10.7	11.8	13.0	14.2
-80°	6.4	6.5	6.8	7.4	7.9	8.5	9.0	9.9	10.8	11.7	12.8
-82.5°	6.4	6.5	6.7	7.2	7.7	8.2	8.7	9.1	9.7	10.5	11.3
-85°	6.4	6.5	6.6	7.1	7.5	7.9	8.4	8.7	9.0	9.4	9.9
-87.5°	6.4	6.4	6.5	6.9	7.3	7.7	8.0	8.2	8.4	8.6	8.8
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4



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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°	7.7	7.7	7.7	7.7	8.0	8.4	8.7	9.0	9.0	9.0	9.0
87.5°	6.1	5.8	5.4	5.1	4.8	4.5	4.2	3.9	3.9	3.9	3.9
85°	6.1	5.8	5.4	5.1	4.9	4.7	4.5	4.4	4.3	4.2	4.1
82.5°	6.1	5.8	5.5	5.1	5.1	5.1	5.1	5.1	4.8	4.5	4.2
80°	6.1	5.8	5.6	5.5	5.5	5.5	5.4	5.1	4.9	4.6	4.5
77.5°	6.2	6.1	6.1	6.2	6.2	5.9	5.8	5.8	5.7	5.6	5.5
75°	6.3	6.4	6.5	6.5	6.3	6.3	6.4	6.4	6.3	6.2	6.2
72.5°	6.6	6.8	6.7	6.6	6.4	6.4	6.4	6.4	7.2	8.4	9.4
70°	7.1	7.2	6.9	6.6	6.4	6.8	8.3	10.0	11.8	13.6	15.8
67.5°	7.6	7.3	7.0	6.9	7.9	9.6	11.6	16.3	22.0	24.5	25.4
65°	7.7	7.4	7.7	8.7	10.1	13.5	18.7	25.4	32.5	33.8	33.0
62.5°	7.8	8.1	9.0	10.7	13.5	18.1	24.6	32.1	40.2	40.4	35.3
60°	8.3	8.8	10.8	13.7	17.0	22.1	29.6	35.4	41.4	43.8	33.4
57.5°	9.0	10.3	13.4	16.9	21.1	24.7	28.9	34.4	36.8	36.7	27.0
55°	10.2	12.5	16.2	20.7	23.7	22.9	25.7	27.6	28.0	26.1	18.8
52.5°	12.2	14.8	19.5	23.4	24.0	21.6	20.1	21.0	19.8	16.9	14.7
50°	14.1	17.9	22.6	25.0	23.7	19.4	16.0	16.1	15.2	14.0	12.6
47.5°	16.3	20.7	25.2	26.2	21.7	18.5	15.5	14.4	13.7	13.2	12.1
45°	18.4	22.7	27.4	24.5	21.0	19.2	16.8	14.1	14.1	13.8	13.7
42.5°	20.2	24.2	26.1	22.9	22.5	21.1	19.1	16.5	15.5	16.1	16.5
40°	21.3	25.3	25.1	25.1	24.7	23.9	22.5	20.4	18.3	19.8	20.5
37.5°	22.1	25.2	25.9	28.7	27.8	27.6	26.6	26.8	25.4	24.5	27.6
35°	22.6	25.7	30.2	33.5	33.1	31.9	33.6	34.7	34.1	33.1	37.9
32.5°	23.3	27.0	35.6	39.2	40.5	39.8	41.9	43.9	46.0	48.5	56.3
30°	25.7	32.0	41.8	45.7	49.7	54.3	53.2	54.7	60.5	78.7	95.8
27.5°	30.7	38.5	47.9	54.2	61.4	72.2	74.4	71.6	89.2	118.3	148.6
25°	36.2	58.0	54.5	64.4	78.8	93.6	101.6	107.8	131.8	174.4	206.2
22.5°	47.3	83.7	83.1	75.6	98.4	118.4	137.6	180.2	240.8	260.2	266.4
20°	66.2	109.3	117.4	120.0	127.8	146.1	178.8	279.0	400.0	445.6	396.8
17.5°	88.4	137.4	155.2	174.8	198.6	204.1	231.9	397.8	598.2	666.7	667.0
15°	113.2	167.5	195.4	234.9	274.2	299.0	391.4	591.9	812.6	921.2	983.2
12.5°	139.8	199.1	237.3	299.2	353.5	397.0	598.7	918.4	1123.7	1218.5	1399.3
10°	167.2	231.6	280.4	366.3	435.3	496.9	831.8	1266.8	1466.8	1559.6	1766.2
7.5°	194.6	261.9	322.4	434.6	518.4	597.6	1080.0	1626.8	1797.9	1880.6	2048.9
5°	220.9	288.7	355.8	486.5	584.1	680.1	1305.2	1985.4	2118.6	2185.4	2280.3
2.5°	245.1	314.2	387.7	533.1	636.9	732.1	1403.1	2142.8	2289.1	2389.1	2470.1
0°	266.1	338.1	417.8	575.9	686.5	780.3	1474.5	2272.7	2427.0	2546.6	2644.3
-2.5°	267.1	343.1	427.7	574.1	675.4	772.6	1406.3	2243.3	2474.3	2653.7	2800.2
-5°	264.6	346.1	434.9	568.6	661.7	761.0	1316.5	2172.9	2484.0	2675.0	2824.6
-7.5°	259.3	346.8	439.2	558.6	641.4	731.7	1238.0	2029.0	2371.7	2535.2	2694.2
-10°	252.4	344.9	432.9	535.4	612.2	691.4	1138.3	1861.7	2256.6	2397.1	2544.7
-12.5°	246.4	340.8	423.6	512.5	582.6	649.9	1007.7	1677.7	2142.5	2264.9	2382.7
-15°	239.4	335.5	413.1	491.1	553.2	608.2	844.8	1483.0	2031.0	2168.4	2259.6
-17.5°	231.9	329.1	401.7	472.3	524.7	566.7	651.9	1249.0	1845.4	2054.9	2161.5
-20°	224.4	321.7	389.8	457.2	497.9	537.5	594.6	1010.6	1555.9	1917.8	2053.9



REPORT NUMBER: P1305715 (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°	217.4	313.5	378.2	441.7	483.6	518.8	564.3	778.6	1250.1	1762.8	1926.9
-25°	214.8	300.8	366.7	426.8	473.0	501.0	533.2	583.7	967.8	1455.0	1784.3
-27.5°	214.1	290.3	353.3	410.9	464.7	485.8	510.6	549.0	745.8	1139.3	1608.4
-30°	210.8	275.2	338.5	394.4	448.5	477.3	492.9	523.3	576.0	878.3	1263.1
-32.5°	201.0	259.1	320.9	376.7	429.3	472.2	484.2	509.8	548.7	635.1	947.4
-35°	188.8	243.9	301.8	357.7	409.7	457.4	484.1	499.2	525.2	566.5	706.7
-37.5°	177.3	227.6	282.0	336.9	387.6	435.9	482.5	495.9	513.3	542.8	596.2
-40°	163.9	210.3	262.6	314.7	363.8	411.6	457.4	496.4	506.9	536.6	574.0
-42.5°	148.7	193.4	242.6	291.3	337.2	384.0	430.2	473.8	514.6	535.0	563.9
-45°	131.9	174.5	221.4	265.0	307.9	353.7	398.7	444.0	496.7	544.1	563.6
-47.5°	113.7	153.7	197.6	236.8	276.7	319.2	364.3	412.0	465.1	517.6	571.8
-50°	95.0	132.0	170.1	207.3	243.9	282.9	324.4	374.6	425.3	477.7	530.3
-52.5°	77.9	108.9	143.0	177.1	210.9	245.1	284.9	330.3	379.1	429.4	476.1
-55°	59.7	87.4	115.1	146.6	178.2	208.6	243.8	284.9	327.1	373.5	415.8
-57.5°	46.4	65.7	89.7	115.4	144.5	174.0	206.0	238.8	276.4	315.4	350.3
-60°	35.9	48.4	65.7	87.4	109.7	137.7	167.7	197.7	228.0	256.6	286.5
-62.5°	26.5	36.3	47.3	61.2	80.6	101.3	127.0	154.4	182.0	206.3	228.1
-65°	23.8	26.6	34.2	43.9	53.1	71.3	90.7	110.1	133.8	155.1	174.9
-67.5°	21.1	23.6	26.1	29.9	38.5	48.0	57.9	74.8	91.8	106.5	121.3
-70°	19.3	20.8	22.9	25.0	27.3	31.7	40.1	48.7	57.4	67.7	80.6
-72.5°	17.6	19.0	20.3	21.6	23.6	26.0	28.4	30.9	36.0	42.9	50.0
-75°	16.2	17.2	18.3	19.5	20.8	22.2	23.7	25.8	27.8	29.6	31.2
-77.5°	14.9	15.6	16.4	17.4	18.4	19.4	20.6	21.8	23.0	24.4	25.9
-80°	13.5	14.1	14.6	15.2	15.9	16.6	17.4	18.3	19.0	19.7	20.5
-82.5°	11.8	12.2	12.6	13.0	13.4	13.8	14.2	14.7	15.0	15.2	15.5
-85°	10.1	10.3	10.6	10.9	11.1	11.4	11.6	11.9	11.8	11.7	11.6
-87.5°	8.9	9.0	9.1	9.2	9.4	9.6	9.8	9.9	9.7	9.5	9.3
-90°	6.1	5.8	5.4	5.1	4.8	4.5	4.2	3.9	3.9	3.9	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°	9.0	9.0	9.0	9.0	9.0	12.5	16.0	19.6	23.1	31.8	40.4
87.5°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
85°	3.9	3.6	3.3	2.9	2.6	2.6	2.5	2.5	2.5	2.2	1.9
82.5°	3.9	3.8	3.6	3.6	3.5	3.4	3.1	2.9	2.6	2.3	2.0
80°	4.3	4.2	4.2	4.1	3.9	3.6	3.3	3.0	2.6	2.6	2.6
77.5°	5.3	5.1	4.8	4.4	4.0	3.8	3.7	3.7	3.7	3.5	3.2
75°	6.3	6.2	6.1	5.8	5.2	5.1	5.1	5.0	4.9	4.7	4.4
72.5°	10.2	10.3	9.9	9.5	8.8	8.5	8.5	8.4	8.2	8.1	8.0
70°	17.1	17.3	16.7	15.4	13.5	12.2	11.6	11.0	10.2	10.4	11.1
67.5°	24.6	22.9	21.1	19.0	16.2	14.1	13.1	12.0	10.8	10.2	10.0
65°	29.8	23.7	20.2	17.8	16.2	14.7	13.0	11.5	10.1	9.2	8.7
62.5°	28.5	20.2	16.5	14.9	13.6	12.5	10.8	9.3	8.0	7.2	7.2
60°	24.4	16.8	12.9	11.6	10.3	9.1	8.2	7.4	6.8	6.5	6.9
57.5°	19.1	13.3	10.2	9.7	9.0	8.1	7.6	7.4	6.9	6.4	6.8
55°	14.0	11.7	10.4	9.9	9.6	9.2	8.7	8.1	7.6	7.2	7.5
52.5°	12.1	11.4	11.3	11.2	10.4	9.7	9.0	8.8	8.7	8.5	8.7
50°	11.8	11.7	11.7	11.4	10.8	10.4	10.2	10.1	10.0	9.9	9.9
47.5°	12.1	12.3	12.2	11.7	11.5	11.7	11.6	11.5	11.7	11.8	12.1
45°	13.2	13.6	13.8	13.9	13.6	14.0	14.0	13.9	16.0	16.3	15.3
42.5°	16.1	17.8	19.0	18.6	17.0	20.3	25.4	27.6	25.4	22.1	19.9
40°	22.8	25.0	25.9	27.6	34.4	39.6	34.8	30.0	28.0	29.7	31.1
37.5°	32.0	34.8	43.0	53.3	49.6	40.3	41.3	41.7	40.8	43.5	43.9
35°	46.7	60.0	69.8	66.7	62.1	61.1	63.4	64.1	57.8	60.7	61.7
32.5°	75.0	91.1	91.8	87.7	90.0	90.5	96.8	92.5	87.2	89.8	97.0
30°	108.2	124.2	130.0	122.6	109.0	116.7	123.1	121.1	124.9	135.9	147.5
27.5°	160.2	170.6	180.3	165.3	138.3	150.1	154.7	150.0	175.7	189.5	216.8
25°	222.3	234.1	241.6	229.1	210.4	200.8	215.4	226.3	257.6	288.2	330.9
22.5°	289.9	321.3	330.3	297.7	297.7	297.6	303.2	340.4	382.6	449.8	562.7
20°	368.7	431.2	481.1	448.0	405.6	434.3	469.7	515.3	635.3	940.5	1287.5
17.5°	647.8	604.1	695.9	699.0	638.0	704.8	832.1	995.8	1502.1	3059.1	4079.7
15°	1102.3	1056.1	999.0	1001.9	1062.2	1193.2	1453.5	2360.0	4596.5	7919.5	11353.8
12.5°	1566.3	1497.1	1412.9	1390.6	1522.0	1785.9	3014.0	6744.6	12010.6	17745.2	32455.6
10°	1932.4	1895.5	1817.9	1875.9	2095.5	2870.3	5381.9	11852.3	22718.8	41717.5	65159.9
7.5°	2147.2	2133.2	2154.1	2324.3	2682.3	4722.2	10244.6	19862.6	37769.2	66559.3	108793.0
5°	2362.9	2374.6	2438.2	2672.2	3130.4	6006.6	14459.0	27601.6	54687.0	97006.9	162408.7
2.5°	2601.9	2612.6	2698.0	2992.8	3517.1	6207.3	15462.0	32530.1	69338.4	124796.1	211490.6
0°	2876.9	2815.2	2840.9	3109.6	3650.8	7239.9	17843.9	35672.4	76740.0	136339.2	224763.1
-2.5°	2974.6	2842.6	2818.4	3045.3	3519.8	6415.9	15939.8	33171.9	70484.1	124903.8	209584.4
-5°	2908.3	2728.0	2655.8	2841.4	3291.7	5625.8	13402.8	30184.1	62579.0	106849.1	177593.6
-7.5°	2743.6	2570.7	2464.3	2604.0	2997.1	4635.7	10266.4	22857.5	45550.3	79056.7	126158.4
-10°	2602.2	2436.4	2274.3	2319.1	2591.3	3450.6	6391.3	14972.0	30094.4	53365.5	80208.0
-12.5°	2479.8	2340.9	2098.1	2024.4	2176.9	2580.2	4460.7	10204.8	19249.8	30272.4	49088.5
-15°	2353.2	2239.3	1996.9	1880.2	1934.6	2131.0	2640.4	4901.5	10540.3	17941.5	26047.3
-17.5°	2212.7	2134.6	1988.8	1816.4	1742.6	1821.6	2065.0	2763.2	4684.1	9296.7	14350.9
-20°	2117.5	2074.1	1967.1	1815.8	1721.0	1684.5	1768.9	1982.7	2454.5	4222.4	6399.8



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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°	1998.4	1980.3	1908.1	1864.8	1795.5	1717.2	1643.1	1709.4	1866.0	2106.9	2859.3
-25°	1885.6	1890.0	1894.7	1951.8	1940.6	1831.2	1690.7	1590.2	1642.9	1718.4	1870.7
-27.5°	1760.8	1822.8	1919.0	2026.2	2076.1	1983.5	1818.0	1667.3	1622.4	1578.2	1642.6
-30°	1651.2	1777.4	1880.4	2011.4	2097.4	2069.8	1984.4	1882.8	1772.8	1696.3	1671.1
-32.5°	1368.4	1718.1	1813.4	1918.8	2047.1	2087.9	2078.2	2039.1	1992.0	1938.2	1882.3
-35°	1063.5	1451.7	1771.1	1831.7	1915.6	2036.6	2131.9	2138.6	2132.4	2112.6	2097.7
-37.5°	751.0	1120.6	1457.1	1727.2	1827.9	1908.5	2054.4	2165.9	2229.3	2224.3	2225.8
-40°	623.7	725.5	1064.0	1376.2	1607.6	1823.4	1939.7	2085.7	2201.7	2249.0	2285.0
-42.5°	601.7	641.1	681.6	915.8	1213.7	1474.8	1675.5	1860.8	2024.6	2141.4	2234.2
-45°	586.2	612.9	643.5	682.4	724.4	957.6	1217.0	1458.2	1615.8	1773.5	1938.1
-47.5°	585.5	592.1	613.8	641.2	667.8	705.7	749.0	807.8	982.3	1140.7	1307.9
-50°	568.0	594.5	601.8	610.2	627.3	648.0	668.5	689.6	709.5	722.1	739.0
-52.5°	516.4	550.7	582.7	607.7	614.2	620.4	626.3	640.1	653.4	664.5	677.0
-55°	454.0	490.3	525.6	554.3	580.2	604.6	622.8	625.8	629.8	634.7	642.3
-57.5°	386.5	421.8	455.2	485.3	513.6	540.0	558.9	573.0	586.1	598.7	614.9
-60°	317.0	348.1	378.6	407.8	435.7	462.3	479.8	494.1	506.5	518.8	535.6
-62.5°	248.9	272.8	300.4	326.6	350.9	373.7	391.9	407.3	420.0	432.8	448.4
-65°	193.6	211.3	231.7	250.9	268.8	289.9	309.5	325.6	338.5	351.2	365.0
-67.5°	138.1	154.6	173.7	191.5	208.2	224.3	240.7	256.1	270.5	284.9	299.3
-70°	92.3	103.9	117.8	133.0	148.6	163.2	177.2	190.7	203.5	216.4	228.7
-72.5°	57.2	64.5	72.1	82.3	92.8	103.0	113.0	123.0	132.8	144.4	155.9
-75°	32.6	35.5	41.4	47.0	52.3	57.3	61.6	65.2	68.3	75.0	82.5
-77.5°	27.4	28.9	30.4	31.9	33.5	35.6	37.9	40.3	42.7	48.2	54.3
-80°	21.4	22.3	23.4	24.5	25.7	27.3	28.9	30.4	31.9	35.9	40.2
-82.5°	15.8	16.3	16.7	17.1	17.5	18.7	20.0	21.2	22.4	25.7	29.1
-85°	11.5	11.7	11.9	12.0	12.2	13.2	14.3	15.4	16.4	19.7	23.0
-87.5°	9.0	9.0	9.0	9.0	9.0	10.2	11.2	12.3	13.2	16.8	20.2
-90°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3



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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°	49.1	57.8	48.8	39.9	48.8	57.8	49.1	40.4	31.8	23.1	19.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.5
82.5°	1.6	1.3	1.9	2.6	1.9	1.3	1.6	2.0	2.3	2.6	2.9
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0
77.5°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.5	3.7	3.7
75°	4.2	3.9	3.9	3.9	3.9	3.9	4.2	4.4	4.7	4.9	5.0
72.5°	7.8	7.6	7.7	7.7	7.7	7.6	7.8	8.0	8.1	8.2	8.4
70°	11.8	12.7	12.9	12.9	12.9	12.7	11.8	11.1	10.4	10.2	11.0
67.5°	9.6	9.2	9.0	9.0	9.0	9.2	9.6	10.0	10.2	10.8	12.0
65°	8.2	7.8	7.7	7.7	7.7	7.8	8.2	8.7	9.2	10.1	11.5
62.5°	7.3	7.6	7.7	7.7	7.7	7.6	7.3	7.2	7.2	8.0	9.3
60°	7.2	7.6	7.7	7.7	7.7	7.6	7.2	6.9	6.5	6.8	7.4
57.5°	7.2	7.6	7.7	7.7	7.7	7.6	7.2	6.8	6.4	6.9	7.4
55°	7.6	7.7	8.2	9.0	8.2	7.7	7.6	7.5	7.2	7.6	8.1
52.5°	8.8	8.9	9.0	9.0	9.0	8.9	8.8	8.7	8.5	8.7	8.8
50°	10.1	10.2	10.3	10.3	10.3	10.2	10.1	9.9	9.9	10.0	10.1
47.5°	12.4	12.7	12.8	12.9	12.8	12.7	12.4	12.1	11.8	11.7	11.5
45°	15.5	15.4	15.3	15.4	15.3	15.4	15.5	15.3	16.3	16.0	13.9
42.5°	20.7	21.3	21.7	21.9	21.7	21.3	20.7	19.9	22.1	25.4	27.6
40°	32.7	33.2	32.8	32.1	32.8	33.2	32.7	31.1	29.7	28.0	30.0
37.5°	44.4	45.3	45.9	46.3	45.9	45.3	44.4	43.9	43.5	40.8	41.7
35°	62.3	63.0	62.6	64.3	62.6	63.0	62.3	61.7	60.7	57.8	64.1
32.5°	101.6	102.2	99.0	100.3	99.0	102.2	101.6	97.0	89.8	87.2	92.5
30°	155.6	162.7	167.1	172.3	167.1	162.7	155.6	147.5	135.9	124.9	121.1
27.5°	236.8	254.4	265.9	272.5	265.9	254.4	236.8	216.8	189.5	175.7	150.0
25°	369.9	396.5	410.8	421.6	410.8	396.5	369.9	330.9	288.2	257.6	226.3
22.5°	718.5	820.1	876.9	930.7	876.9	820.1	718.5	562.7	449.8	382.6	340.4
20°	1842.3	1961.0	2184.6	2322.9	2184.6	1961.0	1842.3	1287.5	940.5	635.3	515.3
17.5°	6206.1	7912.2	8230.8	8471.4	8230.8	7912.2	6206.1	4079.7	3059.1	1502.1	995.8
15°	18482.0	23545.6	24908.5	26068.5	24908.5	23545.6	18482.0	11353.8	7919.5	4596.5	2360.0
12.5°	44623.5	58560.1	66140.4	71899.5	66140.4	58560.1	44623.5	32455.6	17745.2	12010.6	6744.6
10°	93492.6	120777.5	141486.8	153480.0	141486.8	120777.5	93492.6	65159.9	41717.5	22718.8	11852.3
7.5°	159214.2	205459.8	232493.0	246253.3	232493.0	205459.8	159214.2	108793.0	66559.3	37769.2	19862.6
5°	240139.8	299838.1	337566.0	358311.5	337566.0	299838.1	240139.8	162408.7	97006.9	54687.0	27601.6
2.5°	299957.5	376544.6	433097.5	459698.9	433097.5	376544.6	299957.5	211490.6	124796.1	69338.4	32530.1
0°	321616.5	401968.1	466616.8	505346.1	466616.8	401968.1	321616.5	224763.1	136339.2	76740.0	35672.4
-2.5°	300940.3	376373.0	426725.5	450156.6	426725.5	376373.0	300940.3	209584.4	124903.8	70484.1	33171.9
-5°	255907.0	321124.0	357308.4	372625.5	357308.4	321124.0	255907.0	177593.6	106849.1	62579.0	30184.1
-7.5°	181561.4	231309.4	256741.4	271828.7	256741.4	231309.4	181561.4	126158.4	79056.7	45550.3	22857.5
-10°	114310.5	142276.7	166604.0	177608.7	166604.0	142276.7	114310.5	80208.0	53365.5	30094.4	14972.0
-12.5°	66385.6	84091.4	98325.6	104372.3	98325.6	84091.4	66385.6	49088.5	30272.4	19249.8	10204.8
-15°	36686.5	46362.3	52915.7	55479.2	52915.7	46362.3	36686.5	26047.3	17941.5	10540.3	4901.5
-17.5°	20400.6	25095.8	26958.4	29945.5	26958.4	25095.8	20400.6	14350.9	9296.7	4684.1	2763.2
-20°	9994.4	12429.0	13209.6	15316.6	13209.6	12429.0	9994.4	6399.8	4222.4	2454.5	1982.7



REPORT NUMBER: P1305715 (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°	3882.2	4456.8	4584.8	5584.2	4584.8	4456.8	3882.2	2859.3	2106.9	1866.0	1709.4
-25°	2016.1	2113.0	2158.0	2275.3	2158.0	2113.0	2016.1	1870.7	1718.4	1642.9	1590.2
-27.5°	1694.8	1741.7	1779.2	1835.7	1779.2	1741.7	1694.8	1642.6	1578.2	1622.4	1667.3
-30°	1651.8	1643.5	1644.6	1650.6	1644.6	1643.5	1651.8	1671.1	1696.3	1772.8	1882.8
-32.5°	1837.8	1809.3	1795.1	1741.8	1795.1	1809.3	1837.8	1882.3	1938.2	1992.0	2039.1
-35°	2088.6	2086.2	2088.1	2063.2	2088.1	2086.2	2088.6	2097.7	2112.6	2132.4	2138.6
-37.5°	2226.5	2230.5	2235.4	2227.8	2235.4	2230.5	2226.5	2225.8	2224.3	2229.3	2165.9
-40°	2297.5	2309.2	2317.3	2315.2	2317.3	2309.2	2297.5	2285.0	2249.0	2201.7	2085.7
-42.5°	2280.5	2309.2	2323.3	2328.0	2323.3	2309.2	2280.5	2234.2	2141.4	2024.6	1860.8
-45°	2088.7	2205.7	2276.3	2295.9	2276.3	2205.7	2088.7	1938.1	1773.5	1615.8	1458.2
-47.5°	1496.2	1669.4	1831.9	1974.5	1831.9	1669.4	1496.2	1307.9	1140.7	982.3	807.8
-50°	760.2	779.8	819.8	878.0	819.8	779.8	760.2	739.0	722.1	709.5	689.6
-52.5°	689.4	700.7	711.8	722.4	711.8	700.7	689.4	677.0	664.5	653.4	640.1
-55°	649.7	656.6	661.8	665.9	661.8	656.6	649.7	642.3	634.7	629.8	625.8
-57.5°	628.8	640.4	650.3	658.2	650.3	640.4	628.8	614.9	598.7	586.1	573.0
-60°	550.4	563.0	574.9	584.9	574.9	563.0	550.4	535.6	518.8	506.5	494.1
-62.5°	461.7	472.9	484.5	494.9	484.5	472.9	461.7	448.4	432.8	420.0	407.3
-65°	377.3	388.1	397.8	406.2	397.8	388.1	377.3	365.0	351.2	338.5	325.6
-67.5°	312.7	325.0	337.2	348.4	337.2	325.0	312.7	299.3	284.9	270.5	256.1
-70°	239.9	250.0	258.7	266.1	258.7	250.0	239.9	228.7	216.4	203.5	190.7
-72.5°	166.4	175.9	186.7	196.7	186.7	175.9	166.4	155.9	144.4	132.8	123.0
-75°	89.7	96.6	103.1	109.3	103.1	96.6	89.7	82.5	75.0	68.3	65.2
-77.5°	60.2	66.2	70.5	74.6	70.5	66.2	60.2	54.3	48.2	42.7	40.3
-80°	44.4	48.5	51.9	55.3	51.9	48.5	44.4	40.2	35.9	31.9	30.4
-82.5°	32.5	35.9	38.5	41.1	38.5	35.9	32.5	29.1	25.7	22.4	21.2
-85°	26.3	29.6	32.1	34.7	32.1	29.6	26.3	23.0	19.7	16.4	15.4
-87.5°	23.7	27.1	29.0	30.9	29.0	27.1	23.7	20.2	16.8	13.2	12.3
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.0	12.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9
85°	2.5	2.6	2.6	2.9	3.3	3.6	3.9	4.1	4.2	4.3	4.4
82.5°	3.1	3.4	3.5	3.6	3.6	3.8	3.9	4.2	4.5	4.8	5.1
80°	3.3	3.6	3.9	4.1	4.2	4.2	4.3	4.5	4.6	4.9	5.1
77.5°	3.7	3.8	4.0	4.4	4.8	5.1	5.3	5.5	5.6	5.7	5.8
75°	5.1	5.1	5.2	5.8	6.1	6.2	6.3	6.2	6.2	6.3	6.4
72.5°	8.5	8.5	8.8	9.5	9.9	10.3	10.2	9.4	8.4	7.2	6.4
70°	11.6	12.2	13.5	15.4	16.7	17.3	17.1	15.8	13.6	11.8	10.0
67.5°	13.1	14.1	16.2	19.0	21.1	22.9	24.6	25.4	24.5	22.0	16.3
65°	13.0	14.7	16.2	17.8	20.2	23.7	29.8	33.0	33.8	32.5	25.4
62.5°	10.8	12.5	13.6	14.9	16.5	20.2	28.5	35.3	40.4	40.2	32.1
60°	8.2	9.1	10.3	11.6	12.9	16.8	24.4	33.4	43.8	41.4	35.4
57.5°	7.6	8.1	9.0	9.7	10.2	13.3	19.1	27.0	36.7	36.8	34.4
55°	8.7	9.2	9.6	9.9	10.4	11.7	14.0	18.8	26.1	28.0	27.6
52.5°	9.0	9.7	10.4	11.2	11.3	11.4	12.1	14.7	16.9	19.8	21.0
50°	10.2	10.4	10.8	11.4	11.7	11.7	11.8	12.6	14.0	15.2	16.1
47.5°	11.6	11.7	11.5	11.7	12.2	12.3	12.1	12.1	13.2	13.7	14.4
45°	14.0	14.0	13.6	13.9	13.8	13.6	13.2	13.7	13.8	14.1	14.1
42.5°	25.4	20.3	17.0	18.6	19.0	17.8	16.1	16.5	16.1	15.5	16.5
40°	34.8	39.6	34.4	27.6	25.9	25.0	22.8	20.5	19.8	18.3	20.4
37.5°	41.3	40.3	49.6	53.3	43.0	34.8	32.0	27.6	24.5	25.4	26.8
35°	63.4	61.1	62.1	66.7	69.8	60.0	46.7	37.9	33.1	34.1	34.7
32.5°	96.8	90.5	90.0	87.7	91.8	91.1	75.0	56.3	48.5	46.0	43.9
30°	123.1	116.7	109.0	122.6	130.0	124.2	108.2	95.8	78.7	60.5	54.7
27.5°	154.7	150.1	138.3	165.3	180.3	170.6	160.2	148.6	118.3	89.2	71.6
25°	215.4	200.8	210.4	229.1	241.6	234.1	222.3	206.2	174.4	131.8	107.8
22.5°	303.2	297.6	297.7	297.7	330.3	321.3	289.9	266.4	260.2	240.8	180.2
20°	469.7	434.3	405.6	448.0	481.1	431.2	368.7	396.8	445.6	400.0	279.0
17.5°	832.1	704.8	638.0	699.0	695.9	604.1	647.8	667.0	666.7	598.2	397.8
15°	1453.5	1193.2	1062.2	1001.9	999.0	1056.1	1102.3	983.2	921.2	812.6	591.9
12.5°	3014.0	1785.9	1522.0	1390.6	1412.9	1497.1	1566.3	1399.3	1218.5	1123.7	918.4
10°	5381.9	2870.3	2095.5	1875.9	1817.9	1895.5	1932.4	1766.2	1559.6	1466.8	1266.8
7.5°	10244.6	4722.2	2682.3	2324.3	2154.1	2133.2	2147.2	2048.9	1880.6	1797.9	1626.8
5°	14459.0	6006.6	3130.4	2672.2	2438.2	2374.6	2362.9	2280.3	2185.4	2118.6	1985.4
2.5°	15462.0	6207.3	3517.1	2992.8	2698.0	2612.6	2601.9	2470.1	2389.1	2289.1	2142.8
0°	17843.9	7239.9	3650.8	3109.6	2840.9	2815.2	2876.9	2644.3	2546.6	2427.0	2272.7
-2.5°	15939.8	6415.9	3519.8	3045.3	2818.4	2842.6	2974.6	2800.2	2653.7	2474.3	2243.3
-5°	13402.8	5625.8	3291.7	2841.4	2655.8	2728.0	2908.3	2824.6	2675.0	2484.0	2172.9
-7.5°	10266.4	4635.7	2997.1	2604.0	2464.3	2570.7	2743.6	2694.2	2535.2	2371.7	2029.0
-10°	6391.3	3450.6	2591.3	2319.1	2274.3	2436.4	2602.2	2544.7	2397.1	2256.6	1861.7
-12.5°	4460.7	2580.2	2176.9	2024.4	2098.1	2340.9	2479.8	2382.7	2264.9	2142.5	1677.7
-15°	2640.4	2131.0	1934.6	1880.2	1996.9	2239.3	2353.2	2259.6	2168.4	2031.0	1483.0
-17.5°	2065.0	1821.6	1742.6	1816.4	1988.8	2134.6	2212.7	2161.5	2054.9	1845.4	1249.0
-20°	1768.9	1684.5	1721.0	1815.8	1967.1	2074.1	2117.5	2053.9	1917.8	1555.9	1010.6



REPORT NUMBER: P1305715 (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°	1643.1	1717.2	1795.5	1864.8	1908.1	1980.3	1998.4	1926.9	1762.8	1250.1	778.6
-25°	1690.7	1831.2	1940.6	1951.8	1894.7	1890.0	1885.6	1784.3	1455.0	967.8	583.7
-27.5°	1818.0	1983.5	2076.1	2026.2	1919.0	1822.8	1760.8	1608.4	1139.3	745.8	549.0
-30°	1984.4	2069.8	2097.4	2011.4	1880.4	1777.4	1651.2	1263.1	878.3	576.0	523.3
-32.5°	2078.2	2087.9	2047.1	1918.8	1813.4	1718.1	1368.4	947.4	635.1	548.7	509.8
-35°	2131.9	2036.6	1915.6	1831.7	1771.1	1451.7	1063.5	706.7	566.5	525.2	499.2
-37.5°	2054.4	1908.5	1827.9	1727.2	1457.1	1120.6	751.0	596.2	542.8	513.3	495.9
-40°	1939.7	1823.4	1607.6	1376.2	1064.0	725.5	623.7	574.0	536.6	506.9	496.4
-42.5°	1675.5	1474.8	1213.7	915.8	681.6	641.1	601.7	563.9	535.0	514.6	473.8
-45°	1217.0	957.6	724.4	682.4	643.5	612.9	586.2	563.6	544.1	496.7	444.0
-47.5°	749.0	705.7	667.8	641.2	613.8	592.1	585.5	571.8	517.6	465.1	412.0
-50°	668.5	648.0	627.3	610.2	601.8	594.5	568.0	530.3	477.7	425.3	374.6
-52.5°	626.3	620.4	614.2	607.7	582.7	550.7	516.4	476.1	429.4	379.1	330.3
-55°	622.8	604.6	580.2	554.3	525.6	490.3	454.0	415.8	373.5	327.1	284.9
-57.5°	558.9	540.0	513.6	485.3	455.2	421.8	386.5	350.3	315.4	276.4	238.8
-60°	479.8	462.3	435.7	407.8	378.6	348.1	317.0	286.5	256.6	228.0	197.7
-62.5°	391.9	373.7	350.9	326.6	300.4	272.8	248.9	228.1	206.3	182.0	154.4
-65°	309.5	289.9	268.8	250.9	231.7	211.3	193.6	174.9	155.1	133.8	110.1
-67.5°	240.7	224.3	208.2	191.5	173.7	154.6	138.1	121.3	106.5	91.8	74.8
-70°	177.2	163.2	148.6	133.0	117.8	103.9	92.3	80.6	67.7	57.4	48.7
-72.5°	113.0	103.0	92.8	82.3	72.1	64.5	57.2	50.0	42.9	36.0	30.9
-75°	61.6	57.3	52.3	47.0	41.4	35.5	32.6	31.2	29.6	27.8	25.8
-77.5°	37.9	35.6	33.5	31.9	30.4	28.9	27.4	25.9	24.4	23.0	21.8
-80°	28.9	27.3	25.7	24.5	23.4	22.3	21.4	20.5	19.7	19.0	18.3
-82.5°	20.0	18.7	17.5	17.1	16.7	16.3	15.8	15.5	15.2	15.0	14.7
-85°	14.3	13.2	12.2	12.0	11.9	11.7	11.5	11.6	11.7	11.8	11.9
-87.5°	11.2	10.2	9.0	9.0	9.0	9.0	9.0	9.3	9.5	9.7	9.9
-90°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9



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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°	8.7	8.4	8.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.4	6.4	6.4
85°	4.5	4.7	4.9	5.1	5.4	5.8	6.1	6.4	6.4	6.4	6.4
82.5°	5.1	5.1	5.1	5.1	5.5	5.8	6.1	6.4	6.4	6.4	6.4
80°	5.4	5.5	5.5	5.5	5.6	5.8	6.1	6.4	6.4	6.4	6.4
77.5°	5.8	5.9	6.2	6.2	6.1	6.1	6.2	6.4	6.4	6.4	6.4
75°	6.4	6.3	6.3	6.5	6.5	6.4	6.3	6.5	6.5	6.4	6.4
72.5°	6.4	6.4	6.4	6.6	6.7	6.8	6.6	6.5	6.7	6.7	6.5
70°	8.3	6.8	6.4	6.6	6.9	7.2	7.1	7.0	6.9	6.9	6.8
67.5°	11.6	9.6	7.9	6.9	7.0	7.3	7.6	7.6	7.4	7.2	7.1
65°	18.7	13.5	10.1	8.7	7.7	7.4	7.7	8.0	7.9	7.7	7.5
62.5°	24.6	18.1	13.5	10.7	9.0	8.1	7.8	8.2	8.4	8.1	7.9
60°	29.6	22.1	17.0	13.7	10.8	8.8	8.3	8.4	8.7	8.6	8.3
57.5°	28.9	24.7	21.1	16.9	13.4	10.3	9.0	8.9	9.0	9.0	8.7
55°	25.7	22.9	23.7	20.7	16.2	12.5	10.2	9.6	9.4	9.4	9.2
52.5°	20.1	21.6	24.0	23.4	19.5	14.8	12.2	10.2	10.0	9.8	9.7
50°	16.0	19.4	23.7	25.0	22.6	17.9	14.1	11.7	10.5	10.3	10.3
47.5°	15.5	18.5	21.7	26.2	25.2	20.7	16.3	13.3	11.1	10.7	11.0
45°	16.8	19.2	21.0	24.5	27.4	22.7	18.4	14.8	12.4	11.5	11.7
42.5°	19.1	21.1	22.5	22.9	26.1	24.2	20.2	16.4	13.6	12.4	12.5
40°	22.5	23.9	24.7	25.1	25.1	25.3	21.3	17.7	14.8	13.5	13.3
37.5°	26.6	27.6	27.8	28.7	25.9	25.2	22.1	18.8	16.5	15.0	14.2
35°	33.6	31.9	33.1	33.5	30.2	25.7	22.6	19.6	18.3	16.4	15.1
32.5°	41.9	39.8	40.5	39.2	35.6	27.0	23.3	21.7	20.3	17.8	16.1
30°	53.2	54.3	49.7	45.7	41.8	32.0	25.7	24.2	22.5	19.2	17.2
27.5°	74.4	72.2	61.4	54.2	47.9	38.5	30.7	26.9	24.8	20.7	18.4
25°	101.6	93.6	78.8	64.4	54.5	58.0	36.2	29.9	27.1	22.6	19.5
22.5°	137.6	118.4	98.4	75.6	83.1	83.7	47.3	34.5	29.6	24.5	20.6
20°	178.8	146.1	127.8	120.0	117.4	109.3	66.2	39.4	32.1	26.5	21.7
17.5°	231.9	204.1	198.6	174.8	155.2	137.4	88.4	44.6	34.7	28.4	22.8
15°	391.4	299.0	274.2	234.9	195.4	167.5	113.2	50.0	37.4	30.4	23.2
12.5°	598.7	397.0	353.5	299.2	237.3	199.1	139.8	55.4	40.1	31.2	22.9
10°	831.8	496.9	435.3	366.3	280.4	231.6	167.2	60.6	41.4	31.2	22.5
7.5°	1080.0	597.6	518.4	434.6	322.4	261.9	194.6	65.4	42.5	31.0	22.1
5°	1305.2	680.1	584.1	486.5	355.8	288.7	220.9	70.1	43.5	30.7	21.7
2.5°	1403.1	732.1	636.9	533.1	387.7	314.2	245.1	74.5	44.3	30.2	21.2
0°	1474.5	780.3	686.5	575.9	417.8	338.1	266.1	78.4	45.0	29.6	20.6
-2.5°	1406.3	772.6	675.4	574.1	427.7	343.1	267.1	90.6	53.9	34.9	22.8
-5°	1316.5	761.0	661.7	568.6	434.9	346.1	264.6	102.0	62.3	39.9	24.8
-7.5°	1238.0	731.7	641.4	558.6	439.2	346.8	259.3	112.3	70.1	44.4	26.7
-10°	1138.3	691.4	612.2	535.4	432.9	344.9	252.4	121.4	77.1	48.4	28.3
-12.5°	1007.7	649.9	582.6	512.5	423.6	340.8	246.4	130.1	83.2	51.7	29.5
-15°	844.8	608.2	553.2	491.1	413.1	335.5	239.4	137.6	89.6	55.0	30.4
-17.5°	651.9	566.7	524.7	472.3	401.7	329.1	231.9	143.5	94.9	58.6	31.9
-20°	594.6	537.5	497.9	457.2	389.8	321.7	224.4	147.6	99.0	61.2	33.5



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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°	564.3	518.8	483.6	441.7	378.2	313.5	217.4	149.8	101.9	62.7	34.5
-25°	533.2	501.0	473.0	426.8	366.7	300.8	214.8	150.0	103.5	63.0	34.6
-27.5°	510.6	485.8	464.7	410.9	353.3	290.3	214.1	151.3	103.8	62.1	33.9
-30°	492.9	477.3	448.5	394.4	338.5	275.2	210.8	150.9	102.6	60.9	32.2
-32.5°	484.2	472.2	429.3	376.7	320.9	259.1	201.0	148.7	99.7	59.1	31.3
-35°	484.1	457.4	409.7	357.7	301.8	243.9	188.8	144.7	95.1	55.9	30.3
-37.5°	482.5	435.9	387.6	336.9	282.0	227.6	177.3	133.8	88.7	51.3	28.6
-40°	457.4	411.6	363.8	314.7	262.6	210.3	163.9	121.2	81.9	45.5	26.4
-42.5°	430.2	384.0	337.2	291.3	242.6	193.4	148.7	107.3	71.8	41.1	23.6
-45°	398.7	353.7	307.9	265.0	221.4	174.5	131.9	92.6	60.6	37.1	21.4
-47.5°	364.3	319.2	276.7	236.8	197.6	153.7	113.7	79.0	48.7	32.4	20.7
-50°	324.4	282.9	243.9	207.3	170.1	132.0	95.0	64.6	41.9	26.4	19.8
-52.5°	284.9	245.1	210.9	177.1	143.0	108.9	77.9	50.1	34.7	23.5	18.7
-55°	243.8	208.6	178.2	146.6	115.1	87.4	59.7	41.5	27.1	21.8	17.6
-57.5°	206.0	174.0	144.5	115.4	89.7	65.7	46.4	32.5	23.9	20.0	16.8
-60°	167.7	137.7	109.7	87.4	65.7	48.4	35.9	25.4	21.9	18.4	16.0
-62.5°	127.0	101.3	80.6	61.2	47.3	36.3	26.5	23.2	19.8	17.3	15.0
-65°	90.7	71.3	53.1	43.9	34.2	26.6	23.8	20.8	18.4	16.2	14.1
-67.5°	57.9	48.0	38.5	29.9	26.1	23.6	21.1	19.1	17.1	15.1	13.5
-70°	40.1	31.7	27.3	25.0	22.9	20.8	19.3	17.6	15.8	14.3	12.9
-72.5°	28.4	26.0	23.6	21.6	20.3	19.0	17.6	16.2	14.9	13.6	12.2
-75°	23.7	22.2	20.8	19.5	18.3	17.2	16.2	15.2	14.0	12.8	11.5
-77.5°	20.6	19.4	18.4	17.4	16.4	15.6	14.9	14.2	13.0	11.8	10.7
-80°	17.4	16.6	15.9	15.2	14.6	14.1	13.5	12.8	11.7	10.8	9.9
-82.5°	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.3	10.5	9.7	9.1
-85°	11.6	11.4	11.1	10.9	10.6	10.3	10.1	9.9	9.4	9.0	8.7
-87.5°	9.8	9.6	9.4	9.2	9.1	9.0	8.9	8.8	8.6	8.4	8.2
-90°	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.4	6.4	6.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.7	7.4	7.1	6.7	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.5	6.4	6.4	6.4	6.4	6.4
75°	6.5	6.6	6.4	6.4	6.4	6.4	6.4
72.5°	6.5	6.8	6.7	6.4	6.4	6.4	6.4
70°	6.7	7.0	6.9	6.4	6.4	6.4	6.4
67.5°	7.0	7.2	7.2	6.7	6.4	6.4	6.4
65°	7.4	7.5	7.5	7.0	6.4	6.4	6.4
62.5°	7.8	7.8	7.7	7.2	6.4	6.4	6.4
60°	8.2	8.1	8.0	7.5	6.4	6.4	6.4
57.5°	8.6	8.4	8.3	7.8	6.6	6.4	6.4
55°	9.1	8.7	8.5	8.0	6.7	6.4	6.4
52.5°	9.5	9.1	8.8	8.3	6.9	6.4	6.4
50°	10.0	9.5	9.0	8.6	7.1	6.4	6.4
47.5°	10.6	9.9	9.3	8.9	7.2	6.4	6.4
45°	11.2	10.4	9.5	9.1	7.3	6.4	6.4
42.5°	11.8	10.8	9.8	9.3	7.4	6.4	6.4
40°	12.5	11.3	10.1	9.3	7.5	6.4	6.4
37.5°	13.3	11.8	10.4	9.4	7.6	6.4	6.4
35°	14.0	12.3	10.8	9.4	7.7	6.4	6.4
32.5°	14.8	12.9	11.1	9.4	7.8	6.4	6.4
30°	15.6	13.5	11.5	9.5	7.8	6.4	6.4
27.5°	16.4	14.1	11.6	9.5	7.9	6.4	6.4
25°	17.3	14.7	11.6	9.5	7.9	6.4	6.4
22.5°	18.1	15.1	11.6	9.5	7.9	6.4	6.4
20°	19.0	15.1	11.6	9.4	7.9	6.4	6.4
17.5°	19.1	15.0	11.5	9.4	7.9	6.4	6.4
15°	18.8	14.8	11.4	9.4	7.9	6.4	6.4
12.5°	18.4	14.6	11.3	9.3	7.9	6.4	6.4
10°	17.9	14.3	11.1	9.3	7.9	6.4	6.4
7.5°	17.3	14.0	10.9	9.2	7.8	6.4	6.4
5°	16.7	13.7	10.7	9.2	7.8	6.4	6.4
2.5°	16.1	13.3	10.5	9.1	7.8	6.4	6.4
0°	15.4	12.9	10.3	9.0	7.7	6.4	6.4
-2.5°	16.1	13.0	10.4	9.0	7.7	6.4	6.4
-5°	16.7	13.1	10.5	9.0	7.7	6.5	6.4
-7.5°	17.3	13.2	10.6	9.0	7.7	6.5	6.4
-10°	17.7	13.2	10.6	8.9	7.7	6.5	6.4
-12.5°	18.1	13.3	10.7	8.9	7.7	6.5	6.4
-15°	18.3	13.2	10.7	8.9	7.6	6.6	6.4
-17.5°	18.4	13.2	10.7	8.8	7.6	6.6	6.4
-20°	18.7	13.2	10.7	8.8	7.6	6.6	6.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.2	13.1	10.6	8.7	7.6	6.6	6.4
-25°	19.4	13.2	10.5	8.6	7.6	6.6	6.4
-27.5°	19.3	13.4	10.4	8.6	7.5	6.7	6.4
-30°	18.8	13.4	10.2	8.5	7.5	6.7	6.4
-32.5°	17.9	13.4	10.2	8.4	7.5	6.7	6.4
-35°	17.5	13.3	10.1	8.3	7.5	6.7	6.4
-37.5°	17.4	13.2	10.0	8.2	7.5	6.7	6.4
-40°	17.2	13.0	9.9	8.1	7.5	6.7	6.4
-42.5°	16.8	12.9	9.8	8.0	7.5	6.7	6.4
-45°	16.3	12.6	9.8	8.0	7.5	6.7	6.4
-47.5°	15.7	12.3	9.7	7.9	7.5	6.7	6.4
-50°	15.2	12.0	9.7	8.0	7.5	6.7	6.4
-52.5°	14.8	11.6	9.6	8.0	7.5	6.7	6.4
-55°	14.2	11.4	9.4	8.1	7.5	6.7	6.4
-57.5°	13.7	11.2	9.3	8.1	7.5	6.7	6.4
-60°	13.1	11.0	9.1	8.1	7.5	6.7	6.4
-62.5°	12.7	10.7	9.1	8.1	7.5	6.7	6.4
-65°	12.3	10.4	9.0	8.1	7.4	6.6	6.4
-67.5°	11.8	10.1	8.8	8.0	7.3	6.6	6.4
-70°	11.3	9.8	8.7	8.0	7.2	6.6	6.4
-72.5°	10.8	9.5	8.5	7.9	7.1	6.6	6.4
-75°	10.3	9.1	8.3	7.7	7.0	6.6	6.4
-77.5°	9.7	8.8	8.1	7.5	6.9	6.5	6.4
-80°	9.0	8.5	7.9	7.4	6.8	6.5	6.4
-82.5°	8.7	8.2	7.7	7.2	6.7	6.5	6.4
-85°	8.4	7.9	7.5	7.1	6.6	6.5	6.4
-87.5°	8.0	7.7	7.3	6.9	6.5	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)