

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: P1306382 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-3S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

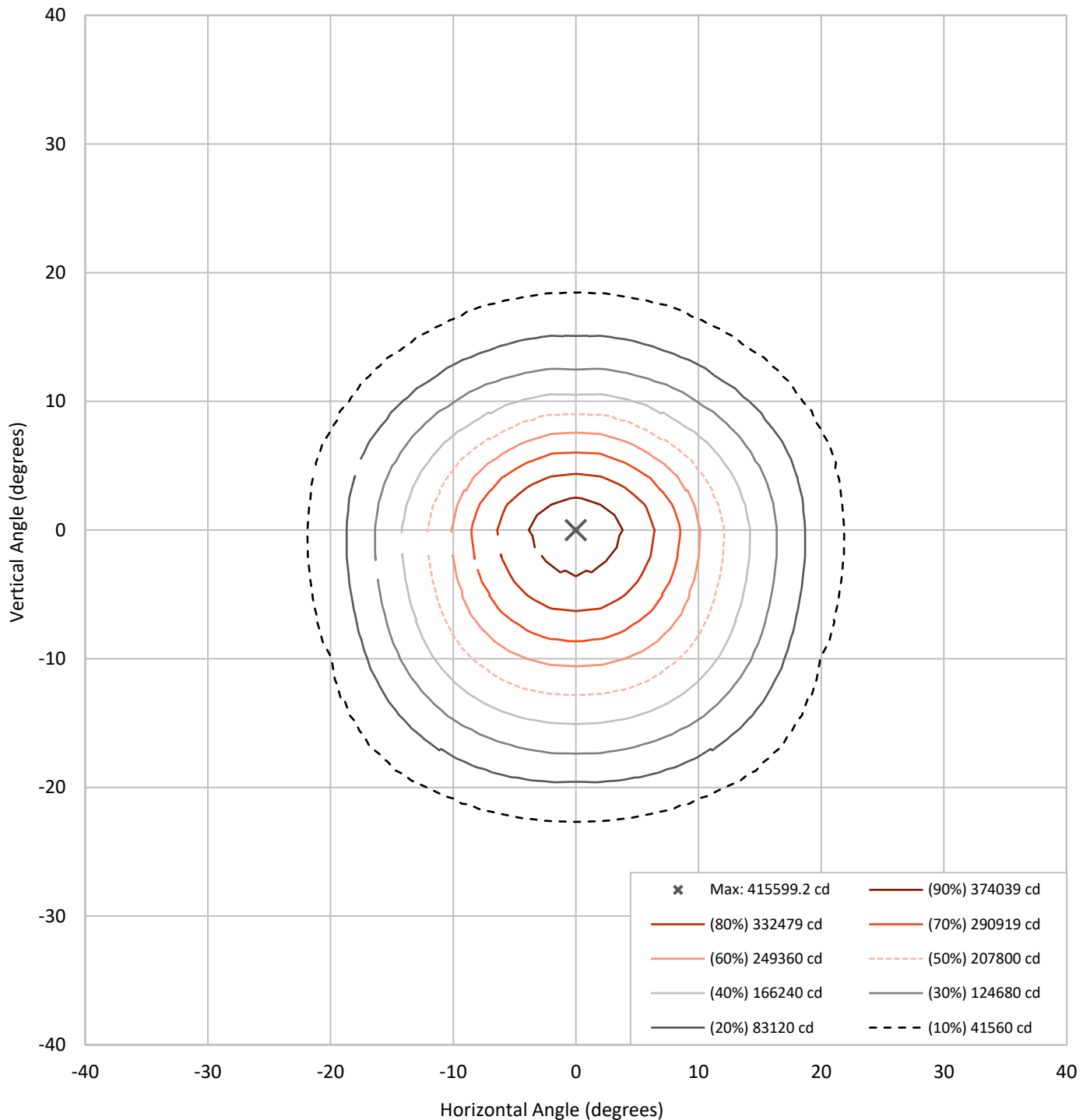
Test Method: LM-79-08  
Report Number: P1306382 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-70-3S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	82034.3 lumens	Max Intensity:	415599.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	37170.9 lumens	Field Lumens:	70342.9 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	688		
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





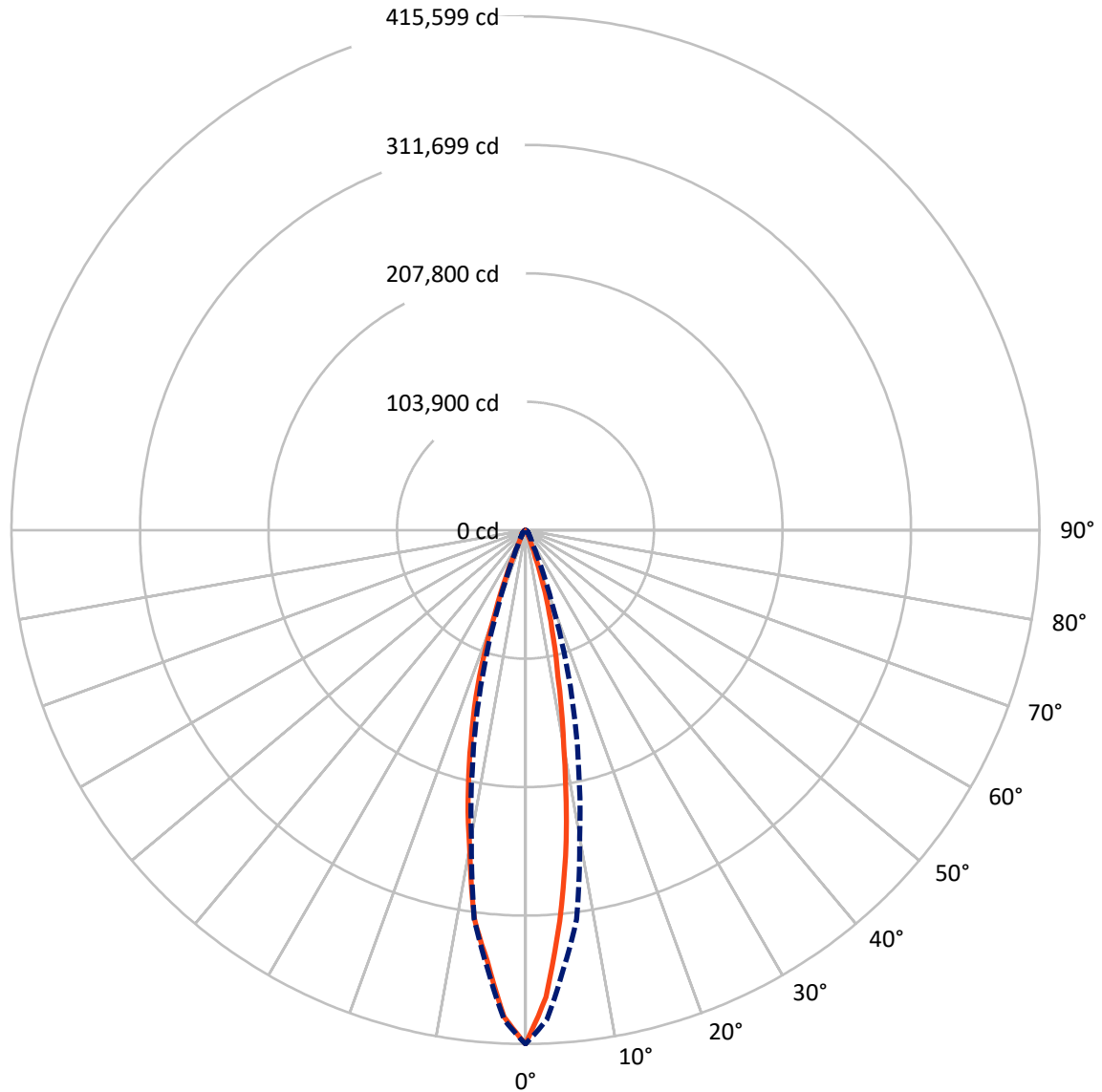
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### Lumen Table

90	0.2	0.6	0.8	0.7	0.6	0.7	0.8	0.6	0.2										
80	0.2	0.6	0.8	0.7	0.6	0.7	0.8	0.6	0.2										
70	0.3	0.2	0.2	0.6	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.6	0.2	0.2	0.3			
60		0.2	0.4	0.7	0.5	0.3	0.3	0.4	0.4	0.3	0.3	0.5	0.7	0.4	0.2				
50	0.3	0.2	0.5	0.6	0.8	1.0	1.3	1.5	1.5	1.3	1.0	0.8	0.6	0.5	0.2	0.3			
40		0.3	1.0	2.2	4.4	6.9	8.7	10.6	10.6	8.7	6.9	4.4	2.2	1.0	0.3				
30	0.3	0.5	3.4	10.9	28.6	49.2	112.8	235.6	235.6	112.8	49.2	28.6	10.9	3.4	0.5	0.3			
20		1.1	8.1	29.1	71.8	196.9	1035.2	2430.6	2430.6	1035.2	196.9	71.8	29.1	8.1	1.1				
10	0.4	2.2	14.2	54.5	131.5	592.9	3573.3	8174.4	8174.4	3573.3	592.9	131.5	54.5	14.2	2.2	0.4			
0		3.6	18.9	65.8	150.9	639.9	4123.7	9292.5	9292.5	4123.7	639.9	150.9	65.8	18.9	3.6				
-10	0.7	4.2	19.2	62.6	138.6	373.0	2108.5	4616.5	4616.5	2108.5	373.0	138.6	62.6	19.2	4.2	0.7			
-20		4.0	16.0	40.9	95.5	168.3	386.6	787.7	787.7	386.6	168.3	95.5	40.9	16.0	4.0				
-30	0.6	3.4	11.5	25.1	55.4	99.0	136.9	165.7	165.7	136.9	99.0	55.4	25.1	11.5	3.4	0.6			
-40		2.3	8.1	17.6	31.8	54.6	88.7	115.5	115.5	88.7	54.6	31.8	17.6	8.1	2.3				
-50	0.3	1.1	5.0	11.5	20.8	31.2	40.7	46.8	46.8	40.7	31.2	20.8	11.5	5.0	1.1	0.3			
-60		0.4	1.9	5.9	11.7	18.7	25.8	30.1	30.1	25.8	18.7	11.7	5.9	1.9	0.4				
-70	0.3	1.1	4.1	11.3	16.2	11.3	4.1	1.1	0.3						0.3				
-80		1.1	4.1	11.3	16.2	11.3	4.1	1.1	0.3										
-90	0.3	1.1	4.1	11.3	16.2	11.3	4.1	1.1	0.3						0.3				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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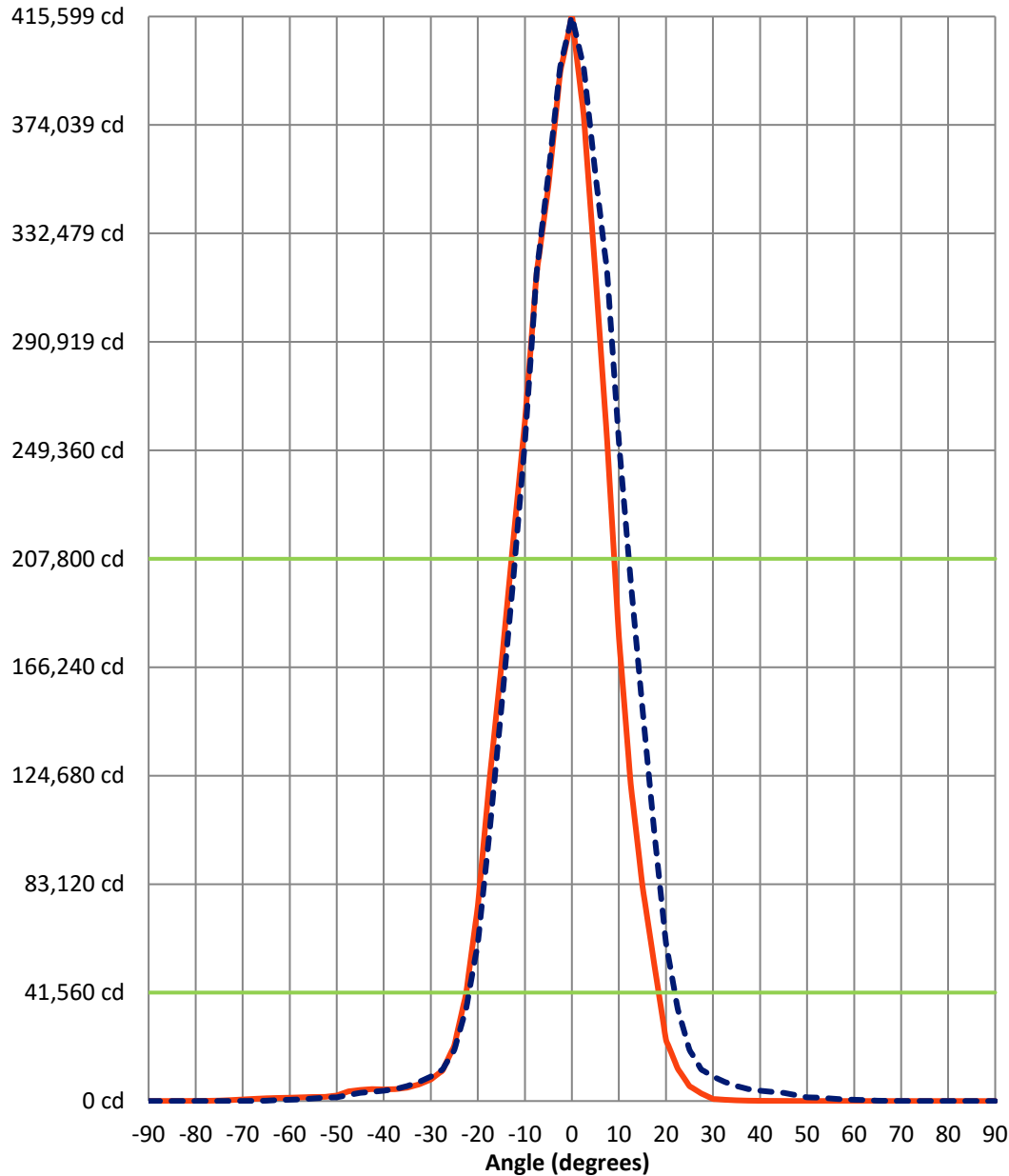
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 24.2°  
V Angle: 21.8°  
Lumens: 37170.9  
Efficiency: 45.3%

**Field:**  
H Angle: 43.8°  
V Angle: 40.9°  
Lumens: 70342.9  
Efficiency: 85.7%

**Spill:**  
Lumens: 11691.4  
Efficiency: 14.3%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	11.2	11.8	12.3	12.8
87.5°	10.7	10.7	10.9	10.9	10.9	10.8	10.7	10.7	10.7	10.7	10.7
85°	10.7	10.8	11.1	11.1	11.1	10.9	10.7	10.7	10.7	10.7	10.7
82.5°	10.7	10.8	11.2	11.3	11.3	11.1	10.7	10.7	10.7	10.8	10.7
80°	10.7	10.9	11.4	11.5	11.4	11.2	10.8	11.0	11.1	11.0	10.7
77.5°	10.7	10.9	11.6	11.7	11.6	11.4	11.3	11.5	11.5	11.3	10.8
75°	10.7	11.0	11.7	12.0	11.8	11.7	11.9	12.0	11.9	11.4	10.9
72.5°	10.7	11.0	11.9	12.2	12.0	12.1	12.4	12.4	11.9	11.4	10.9
70°	10.7	11.0	12.0	12.4	12.2	12.4	12.8	12.5	12.0	11.5	11.0
67.5°	10.7	11.1	12.2	12.5	12.4	12.7	12.8	12.5	12.0	11.6	11.1
65°	10.7	11.1	12.3	12.5	12.5	12.8	12.8	12.6	12.1	11.6	11.3
62.5°	10.7	11.1	12.4	12.6	12.7	12.8	12.8	12.7	12.2	11.8	12.0
60°	10.7	11.2	12.5	12.6	12.8	12.8	12.8	12.7	12.3	12.2	12.6
57.5°	10.7	11.2	12.5	12.7	12.8	12.8	12.8	12.8	12.5	12.6	12.8
55°	10.7	11.2	12.5	12.7	12.8	12.8	12.8	12.8	12.6	12.8	12.8
52.5°	10.7	11.2	12.5	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
50°	10.7	11.2	12.4	12.8	12.8	12.8	12.8	12.9	12.8	12.8	13.8
47.5°	10.7	11.2	12.4	12.8	12.8	12.8	12.8	13.1	12.8	12.8	14.7
45°	10.7	11.2	12.4	12.8	12.8	12.8	13.0	13.3	12.9	13.5	15.6
42.5°	10.7	11.2	12.4	12.8	12.8	12.8	13.2	13.5	13.1	14.1	16.4
40°	10.7	11.2	12.4	12.8	12.8	12.8	13.5	13.6	13.4	14.6	16.9
37.5°	10.7	11.2	12.5	12.8	12.8	12.8	13.7	13.7	14.0	15.3	17.2
35°	10.7	11.2	12.5	12.8	12.8	12.9	14.0	13.8	14.6	16.2	17.3
32.5°	10.7	11.2	12.5	12.8	12.8	13.2	14.3	14.0	15.2	17.2	18.8
30°	10.7	11.2	12.5	12.8	12.8	13.4	14.4	14.2	15.8	18.3	20.8
27.5°	10.7	11.1	12.5	12.8	12.8	13.7	14.5	14.7	16.4	19.5	23.2
25°	10.7	11.1	12.6	12.8	12.8	13.9	14.7	15.1	17.4	21.2	26.1
22.5°	10.7	11.1	12.6	12.8	12.8	14.2	14.8	15.5	18.4	23.4	31.8
20°	10.7	11.0	12.6	12.8	12.8	14.3	14.9	15.9	19.4	25.7	37.3
17.5°	10.7	11.0	12.7	12.8	12.8	14.5	15.1	16.3	20.4	28.1	42.6
15°	10.7	11.0	12.7	12.8	12.8	14.6	15.3	16.7	21.5	30.7	47.6
12.5°	10.7	10.9	12.7	12.8	12.8	14.7	15.6	17.2	23.3	33.3	52.4
10°	10.7	10.9	12.7	12.8	12.8	14.8	15.9	17.7	25.9	38.4	60.8
7.5°	10.7	10.8	12.8	12.8	12.8	14.9	16.2	18.1	28.6	44.0	77.9
5°	10.7	10.8	12.8	12.8	12.8	15.0	16.5	18.5	31.3	49.5	95.7
2.5°	10.7	10.7	12.8	12.8	12.8	15.0	16.8	18.9	33.9	54.8	113.4
0°	10.7	10.7	12.8	12.8	12.8	15.0	17.1	19.3	36.4	59.9	130.5
-2.5°	10.7	10.7	12.8	12.8	12.8	15.0	18.8	25.7	48.3	79.6	158.6
-5°	10.7	10.7	12.8	12.8	12.8	15.0	20.4	31.8	59.7	98.4	184.9
-7.5°	10.7	10.7	12.8	12.8	12.8	14.9	21.9	37.5	70.2	116.1	208.7
-10°	10.7	10.7	12.7	12.8	12.8	14.8	23.1	42.6	79.8	132.2	229.8
-12.5°	10.7	10.7	12.7	12.8	12.8	14.7	24.1	46.9	88.2	146.3	244.5
-15°	10.7	10.7	12.7	12.8	12.8	14.6	24.8	50.3	95.7	157.6	254.7
-17.5°	10.7	10.7	12.6	12.8	12.8	14.5	25.0	53.5	102.4	167.1	262.1
-20°	10.7	10.7	12.5	12.8	12.8	14.3	25.4	56.2	107.3	174.6	266.3



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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°	10.7	10.7	12.5	12.8	12.8	14.2	26.1	57.6	110.2	180.1	267.3
-25°	10.7	10.7	12.4	12.8	12.8	14.4	26.2	57.6	111.0	183.4	265.1
-27.5°	10.7	10.7	12.3	12.8	12.8	14.7	25.4	56.1	109.7	184.3	267.5
-30°	10.7	10.7	12.2	12.8	12.8	14.8	23.9	53.0	107.4	182.4	267.4
-32.5°	10.7	10.7	12.1	12.8	13.0	14.8	21.6	50.7	103.7	177.4	264.3
-35°	10.7	10.7	12.0	12.8	13.2	14.6	20.8	48.0	97.7	169.3	258.2
-37.5°	10.7	10.7	11.9	12.8	13.3	14.5	20.5	43.9	89.4	158.0	239.0
-40°	10.7	10.7	11.8	12.8	13.4	14.7	20.1	38.6	78.8	145.7	217.1
-42.5°	10.7	10.7	11.7	12.8	13.5	14.8	19.3	32.0	69.7	128.3	193.7
-45°	10.7	10.7	11.6	12.9	13.6	14.9	18.3	27.0	60.6	108.9	169.4
-47.5°	10.7	10.7	11.4	12.9	13.7	15.0	17.1	25.5	49.8	88.1	145.9
-50°	10.7	10.7	11.3	12.8	13.7	15.0	16.8	23.5	37.0	73.5	120.7
-52.5°	10.7	10.7	11.2	12.6	13.7	15.0	16.8	21.3	30.9	57.7	94.9
-55°	10.7	10.7	11.0	12.5	13.7	14.9	16.6	18.9	27.6	40.9	75.7
-57.5°	10.7	10.7	10.9	12.3	13.7	14.8	16.5	18.6	24.0	33.6	55.3
-60°	10.7	10.7	10.7	12.1	13.6	14.7	16.2	18.2	20.7	28.9	39.0
-62.5°	10.7	10.7	10.7	11.9	13.3	14.5	16.0	17.7	19.9	23.8	32.9
-65°	10.7	10.7	10.7	11.6	13.0	14.3	15.6	17.1	19.0	21.6	26.4
-67.5°	10.7	10.7	10.7	11.4	12.7	14.0	15.3	16.5	17.9	20.1	23.0
-70°	10.7	10.7	10.7	11.2	12.4	13.6	14.9	15.9	17.0	18.5	20.9
-72.5°	10.7	10.7	10.7	11.1	12.1	13.2	14.4	15.2	16.1	17.3	18.8
-75°	10.7	10.7	10.7	11.1	11.7	12.8	13.9	14.5	15.1	16.0	17.1
-77.5°	10.7	10.7	10.7	11.0	11.6	12.4	13.4	13.9	14.3	14.8	15.4
-80°	10.7	10.7	10.7	11.0	11.4	12.0	12.8	13.2	13.6	14.0	14.3
-82.5°	10.7	10.7	10.7	10.9	11.2	11.7	12.3	12.6	12.9	13.1	13.4
-85°	10.7	10.7	10.7	10.8	11.1	11.4	11.8	12.2	12.5	12.7	12.8
-87.5°	10.7	10.7	10.7	10.8	10.9	11.0	11.2	11.7	12.1	12.5	12.8
-90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7



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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°	12.3	11.8	11.2	10.7	10.7	10.7	10.7	10.7	10.2	9.7	9.1
87.5°	10.2	9.7	9.1	8.6	8.6	8.6	8.6	8.6	8.1	7.5	7.0
85°	10.2	9.7	9.3	8.9	8.9	8.9	8.8	8.6	8.1	7.5	7.0
82.5°	10.4	10.2	10.1	10.1	9.9	9.6	9.2	8.7	8.1	7.6	7.0
80°	10.6	10.7	10.7	10.7	10.3	9.7	9.2	8.7	8.1	7.6	7.0
77.5°	10.7	10.7	10.7	10.7	10.3	9.8	9.3	8.7	8.2	7.6	7.1
75°	10.7	10.7	10.7	10.7	10.4	9.9	9.4	9.2	9.1	8.9	8.8
72.5°	10.7	10.7	10.7	10.7	10.5	10.3	10.3	10.5	11.0	11.1	10.9
70°	10.7	10.7	10.9	10.9	10.7	10.9	11.9	13.0	14.0	15.1	17.8
67.5°	10.8	11.3	11.4	11.3	11.5	12.6	13.9	19.7	26.7	29.9	31.6
65°	11.7	12.1	12.0	12.2	12.7	16.8	23.1	31.4	40.4	42.5	42.2
62.5°	12.6	12.5	12.6	13.8	17.2	22.9	31.5	41.0	51.1	49.1	42.4
60°	12.8	12.7	14.2	17.5	21.9	29.5	39.4	44.1	47.4	47.2	38.8
57.5°	12.8	13.9	16.9	21.3	27.8	34.2	36.4	39.2	41.4	42.7	33.6
55°	13.4	15.8	19.6	25.7	30.7	29.9	31.0	32.9	34.4	32.5	24.1
52.5°	14.8	17.6	22.7	28.1	29.1	26.8	25.3	26.6	25.4	22.0	18.2
50°	16.1	19.8	25.0	28.5	27.8	24.1	20.9	21.4	20.4	17.8	15.6
47.5°	17.5	21.7	26.9	29.1	26.1	23.7	20.9	20.1	19.1	19.8	18.7
45°	18.8	23.2	28.8	28.1	26.3	25.4	24.2	21.2	24.5	25.7	25.3
42.5°	19.7	24.3	28.7	27.6	29.2	29.9	29.4	30.6	32.6	35.5	36.8
40°	20.4	25.1	29.7	32.8	33.7	36.7	40.7	43.8	44.9	49.2	52.1
37.5°	20.7	27.4	34.0	42.3	41.2	47.3	54.0	65.5	69.0	64.9	72.9
35°	20.7	31.0	45.8	57.1	58.7	61.3	78.6	96.1	106.9	96.3	106.2
32.5°	23.0	35.8	60.7	76.7	88.2	91.0	108.2	144.3	162.8	165.4	166.4
30°	28.3	49.6	79.1	100.0	126.1	147.1	163.7	205.1	234.7	308.3	367.6
27.5°	35.2	66.3	101.3	135.0	174.0	213.0	252.2	284.9	380.8	519.1	673.1
25°	41.9	90.5	125.8	178.0	237.4	294.2	347.0	391.6	578.9	862.1	1051.5
22.5°	55.1	119.1	161.2	226.0	307.2	382.0	447.1	565.2	827.0	1246.3	1450.1
20°	76.6	149.3	204.8	283.5	385.4	472.7	549.0	746.5	1128.6	1521.8	1774.6
17.5°	100.1	180.9	252.2	356.1	486.4	582.9	661.1	922.9	1421.1	1796.7	2054.3
15°	124.9	213.5	299.0	435.1	597.0	716.7	875.5	1197.1	1679.3	2066.6	2382.5
12.5°	150.4	246.4	344.8	518.4	714.6	851.9	1136.8	1603.4	2033.7	2371.3	2844.1
10°	175.8	279.2	389.1	603.7	836.2	987.1	1424.3	2004.9	2420.7	2768.0	3311.7
7.5°	225.3	325.3	436.7	688.5	958.8	1121.0	1725.7	2395.6	2783.1	3136.6	3709.5
5°	278.8	384.7	510.8	794.1	1080.3	1241.7	2005.8	2768.0	3122.9	3478.9	4047.0
2.5°	330.6	441.9	582.4	896.7	1194.4	1339.9	2173.2	2974.9	3343.4	3744.8	4334.1
0°	378.7	496.4	650.5	990.7	1298.8	1431.5	2308.8	3149.7	3528.4	3967.1	4585.5
-2.5°	417.5	549.8	714.3	1044.1	1335.1	1483.6	2336.6	3214.0	3624.0	4093.9	4706.1
-5°	450.0	599.4	773.2	1088.2	1363.1	1529.5	2331.0	3236.8	3704.2	4190.0	4816.1
-7.5°	475.3	644.4	826.5	1120.1	1377.8	1551.4	2324.1	3267.3	3792.2	4255.5	4905.2
-10°	489.3	662.8	837.9	1115.8	1374.2	1556.2	2273.3	3249.0	3864.0	4303.1	4933.0
-12.5°	474.7	657.0	835.0	1101.7	1364.5	1555.3	2162.8	3178.5	3921.2	4335.6	4880.3
-15°	457.5	647.3	823.6	1077.8	1349.6	1548.8	1986.8	3053.5	3892.4	4217.0	4725.6
-17.5°	438.7	633.8	802.9	1044.2	1330.0	1536.7	1728.9	2736.4	3598.3	4014.2	4558.3
-20°	419.3	616.7	772.4	1000.9	1302.2	1477.6	1607.5	2335.6	3177.9	3764.1	4265.6



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	400.2	595.8	739.7	960.8	1201.6	1379.9	1517.8	1926.8	2742.5	3454.7	3828.8
-25°	389.9	565.4	712.4	887.0	1094.5	1279.6	1413.9	1559.3	2287.5	2971.7	3442.6
-27.5°	385.1	537.9	672.0	813.4	992.9	1173.5	1301.6	1438.8	1838.9	2485.5	3050.1
-30°	376.3	500.3	629.7	747.1	906.5	1062.9	1188.6	1330.1	1491.1	2013.3	2534.8
-32.5°	355.3	462.2	585.6	698.4	825.7	962.5	1101.8	1240.2	1378.0	1568.0	2046.0
-35°	330.6	430.4	541.4	648.6	749.8	881.1	1020.2	1156.5	1273.5	1394.9	1659.4
-37.5°	310.6	396.0	497.8	599.3	694.8	807.1	935.3	1067.6	1187.1	1296.8	1447.5
-40°	288.7	359.1	456.6	552.6	642.5	739.0	853.4	972.7	1096.0	1224.2	1342.1
-42.5°	264.6	332.6	413.9	506.5	590.9	679.7	771.2	881.6	1002.8	1138.1	1260.4
-45°	237.2	304.3	371.1	456.3	537.3	619.1	704.7	792.1	911.1	1032.6	1160.6
-47.5°	208.3	273.7	337.9	405.9	483.1	557.7	636.1	725.4	819.0	930.0	1043.0
-50°	178.4	240.4	302.7	364.4	430.4	497.9	567.1	657.4	746.3	833.2	930.2
-52.5°	148.5	205.6	265.1	324.3	383.0	443.8	509.9	589.5	673.4	754.8	835.4
-55°	116.7	170.0	225.6	281.9	337.8	393.1	457.3	527.9	600.6	678.3	753.1
-57.5°	89.9	132.4	183.8	237.4	290.2	344.2	407.2	467.9	534.0	602.6	669.8
-60°	65.4	98.2	139.3	189.0	240.6	293.5	355.7	416.0	472.4	527.3	590.4
-62.5°	43.2	68.7	99.7	137.1	184.0	237.1	292.9	352.3	416.2	466.3	515.6
-65°	35.5	43.8	65.0	94.1	125.2	170.3	221.1	276.1	331.5	381.4	434.0
-67.5°	27.5	35.3	42.7	53.8	80.5	110.4	142.4	187.9	236.1	277.9	320.3
-70°	24.0	27.5	33.7	40.2	46.5	58.8	85.2	113.1	140.7	167.5	202.2
-72.5°	21.2	24.2	27.5	31.1	36.5	42.2	48.3	54.8	70.4	91.1	110.3
-75°	18.8	20.9	23.6	26.6	29.4	32.2	35.5	40.5	45.6	50.4	55.0
-77.5°	16.8	18.5	20.3	22.3	24.2	26.3	28.6	31.1	33.4	36.0	38.7
-80°	15.0	15.9	17.3	18.8	19.8	20.9	22.2	23.7	25.1	26.4	28.0
-82.5°	13.8	14.4	15.1	15.9	15.9	15.9	15.8	16.3	17.2	18.2	19.0
-85°	12.8	12.8	13.1	13.4	13.6	13.7	13.8	13.7	13.6	13.5	13.4
-87.5°	12.5	12.3	12.1	11.9	12.0	12.0	12.1	12.2	11.7	11.3	10.8
-90°	10.2	9.7	9.1	8.6	8.6	8.6	8.6	8.6	8.1	7.5	7.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.6	8.6	8.6	8.6	8.6	9.1	9.7	10.2	10.7	12.3	13.9
87.5°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	2.1	2.1
85°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	2.1	2.1
82.5°	6.5	6.2	6.0	5.9	5.8	5.4	5.0	4.6	4.1	3.7	3.2
80°	6.5	6.4	6.4	6.4	6.4	5.9	5.4	4.9	4.3	3.8	3.2
77.5°	6.7	6.8	6.8	6.7	6.5	6.0	5.4	4.9	4.4	3.8	3.3
75°	8.6	8.3	7.9	7.3	6.6	6.0	5.5	4.9	4.4	4.2	4.2
72.5°	10.5	9.9	9.5	10.0	9.9	9.7	9.4	8.8	7.9	7.9	8.1
70°	19.6	20.5	20.6	19.6	17.6	15.7	14.3	12.6	10.8	10.3	10.4
67.5°	31.2	29.7	27.9	25.5	21.8	18.6	16.6	14.7	13.0	12.3	12.5
65°	38.8	32.2	27.7	24.0	21.2	18.6	16.5	14.4	12.4	11.2	11.0
62.5°	35.5	27.8	23.0	20.1	18.1	16.5	13.9	11.8	10.1	9.3	9.6
60°	30.6	22.4	17.3	15.0	12.8	10.8	9.9	9.2	8.8	8.6	8.7
57.5°	24.2	16.9	12.7	11.8	10.7	9.3	8.8	9.0	8.9	8.6	8.6
55°	17.7	14.5	12.9	12.2	11.7	11.1	10.6	10.4	10.2	9.9	10.2
52.5°	14.4	14.4	14.6	14.4	13.9	13.3	12.6	12.7	12.9	13.3	13.9
50°	15.9	16.4	16.8	16.6	16.1	15.5	14.9	15.5	16.5	17.4	18.1
47.5°	18.5	19.2	20.4	19.0	19.2	20.4	19.7	19.9	23.1	25.1	26.4
45°	23.6	27.3	28.3	29.1	29.4	31.6	32.6	33.2	39.5	42.1	42.2
42.5°	37.5	41.1	44.0	46.8	46.4	53.3	62.7	67.9	67.7	66.6	67.7
40°	56.8	60.7	69.3	75.9	86.1	95.2	95.8	87.0	88.0	98.2	99.0
37.5°	85.3	97.2	114.4	133.6	138.8	132.9	136.4	142.8	149.5	158.9	169.8
35°	135.8	175.7	183.6	198.4	208.1	198.5	202.2	219.3	219.4	249.7	266.3
32.5°	241.0	302.2	321.0	307.7	333.4	348.9	301.3	361.2	372.7	403.8	441.9
30°	393.1	520.4	559.8	541.4	610.9	632.8	590.7	711.4	782.3	780.9	959.8
27.5°	747.0	810.6	884.5	997.2	1011.8	1049.4	1287.3	1471.3	1705.0	1925.8	2212.5
25°	1142.9	1179.0	1390.7	1530.1	1598.9	1850.4	2202.9	2490.5	2986.2	3448.8	4411.8
22.5°	1507.6	1642.3	1900.5	2123.7	2374.5	2779.4	3265.7	3799.3	5116.3	6736.8	8770.0
20°	1865.4	2042.8	2351.2	2752.6	3152.9	3703.7	4350.1	6040.8	8630.6	12555.7	16797.9
17.5°	2269.4	2439.9	2860.3	3427.2	4036.3	4861.8	6844.7	10075.1	15574.8	23253.5	30661.4
15°	2793.8	3087.2	3552.4	4390.0	5555.7	7501.4	10733.7	18701.5	29681.7	41623.0	54425.4
12.5°	3407.2	3891.0	4648.3	5730.6	7409.2	12005.6	20129.2	32923.6	49332.0	66103.2	87144.6
10°	4001.2	4810.3	5969.2	7674.7	11013.9	18258.3	30360.9	48826.2	73967.2	99898.0	123135.9
7.5°	4522.7	5593.5	7152.9	9543.1	14844.4	25314.3	42725.1	68455.8	99792.4	131836.0	163083.9
5°	5055.4	6328.6	8146.0	10942.4	17180.3	30421.9	52769.8	86426.1	124286.8	163097.5	203881.8
2.5°	5492.7	6945.8	8975.0	12102.4	18560.7	33166.9	58998.8	98942.3	142687.2	187119.7	237868.8
0°	5755.9	7328.6	9384.9	12138.7	19644.9	35329.2	60537.5	103372.9	150455.7	199308.0	252422.8
-2.5°	5764.1	7248.8	9185.1	12023.6	19412.9	34738.1	60644.9	103262.4	150037.9	197087.3	249502.9
-5°	5746.1	7067.1	8885.6	11610.7	18024.1	31654.2	55992.4	96572.1	142644.1	187170.3	234911.9
-7.5°	5718.6	6826.9	8460.0	10950.2	16246.9	27932.0	50633.7	87781.3	131250.1	172724.2	215460.9
-10°	5686.9	6578.2	8068.4	10383.6	14636.8	23504.5	40731.3	74561.8	114437.8	152709.2	187754.6
-12.5°	5659.6	6476.1	7752.9	9603.0	12679.7	19696.0	34387.8	60933.6	93225.4	125541.4	156586.1
-15°	5555.1	6340.9	7495.5	9023.3	11517.7	16424.6	25670.8	44020.1	70536.1	96063.9	120707.7
-17.5°	5341.3	6148.4	6874.8	8064.2	9863.4	13063.3	19121.3	30178.1	47203.4	67158.3	84544.1
-20°	4922.2	5475.5	6078.1	7088.3	8473.0	10157.6	12920.4	19220.6	27315.7	40331.9	49447.6



REPORT NUMBER: P1306382 (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°	4300.0	4765.4	5272.4	5945.5	6919.1	8108.0	9582.2	11911.4	16135.6	21152.4	26697.1
-25°	3732.5	4066.9	4536.7	5114.9	5636.1	6411.7	7444.8	8348.4	10173.0	11648.9	14698.5
-27.5°	3302.3	3580.3	4005.8	4454.3	4839.0	5254.6	5973.4	6612.1	7500.0	8275.0	9514.7
-30°	2991.2	3276.1	3618.1	3958.0	4323.4	4675.7	4997.5	5481.8	6014.2	6519.8	7175.6
-32.5°	2607.3	3056.7	3304.3	3591.8	3916.8	4225.0	4470.3	4776.6	5069.6	5404.6	5764.3
-35°	2206.1	2697.1	3077.2	3298.1	3539.5	3833.9	4085.3	4294.7	4489.0	4696.9	4886.9
-37.5°	1733.6	2276.2	2709.2	3036.1	3256.6	3462.0	3731.7	3933.1	4061.5	4233.9	4363.8
-40°	1490.0	1707.3	2199.4	2643.7	2927.8	3251.4	3502.3	3715.5	3950.7	4134.2	4240.1
-42.5°	1371.3	1497.3	1628.2	1991.1	2435.7	2824.3	3147.8	3498.4	3813.0	4063.2	4295.9
-45°	1279.5	1368.9	1462.3	1582.6	1707.1	2070.7	2469.6	2879.6	3246.8	3590.0	3884.4
-47.5°	1157.0	1261.7	1346.9	1423.0	1499.5	1611.1	1730.6	1896.9	2249.8	2607.7	2948.8
-50°	1030.9	1127.3	1221.3	1309.6	1381.3	1437.6	1482.7	1556.1	1662.4	1768.3	1872.2
-52.5°	912.1	1001.6	1086.8	1172.4	1256.2	1330.6	1396.5	1448.4	1491.1	1527.4	1552.1
-55°	827.2	897.6	963.9	1045.5	1126.1	1200.9	1270.2	1333.9	1392.0	1444.9	1481.2
-57.5°	738.9	807.9	876.5	945.2	1011.8	1076.2	1140.8	1203.8	1263.0	1316.8	1352.8
-60°	651.4	710.4	778.5	849.4	915.8	977.8	1037.9	1094.4	1147.1	1192.3	1221.5
-62.5°	568.8	624.6	683.4	747.2	814.3	879.9	940.1	997.3	1051.5	1095.4	1123.6
-65°	485.4	532.3	582.6	635.2	689.7	745.6	802.9	861.3	920.1	967.3	998.4
-67.5°	364.6	411.5	460.9	512.4	558.9	601.5	642.8	685.4	728.5	764.3	792.4
-70°	237.2	272.2	306.6	341.8	380.4	419.4	456.9	491.9	524.4	550.4	571.4
-72.5°	128.2	145.2	164.2	191.0	216.8	242.8	268.5	292.7	315.3	332.3	345.6
-75°	59.5	67.2	81.6	95.0	107.3	119.9	132.1	143.3	153.4	160.7	166.2
-77.5°	42.2	45.7	49.1	52.6	56.1	60.8	65.9	70.9	75.7	80.4	84.9
-80°	29.7	31.7	33.6	35.4	37.1	39.8	42.7	45.6	48.6	51.5	54.3
-82.5°	19.9	21.1	22.4	23.6	24.7	26.3	27.9	29.5	30.9	33.4	35.8
-85°	13.4	14.0	14.6	15.2	15.9	17.2	18.4	19.7	20.9	22.7	24.4
-87.5°	10.3	10.4	10.4	10.5	10.5	11.6	12.6	13.7	14.8	16.5	18.1
-90°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1



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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°	15.5	17.1	18.2	19.3	18.2	17.1	15.5	13.9	12.3	10.7	10.2
87.5°	2.1	2.1	1.0	0.0	1.0	2.1	2.1	2.1	2.1	2.1	2.7
85°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.7
82.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.1	4.6
80°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.9
77.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.3	3.8	4.4	4.9
75°	4.2	4.2	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.4	4.9
72.5°	8.3	8.5	8.6	8.6	8.6	8.5	8.3	8.1	7.9	7.9	8.8
70°	10.6	10.6	10.7	10.7	10.7	10.6	10.6	10.4	10.3	10.8	12.6
67.5°	12.6	12.7	12.8	12.8	12.8	12.7	12.6	12.5	12.3	13.0	14.7
65°	10.9	10.8	10.7	10.7	10.7	10.8	10.9	11.0	11.2	12.4	14.4
62.5°	10.1	10.6	10.7	10.7	10.7	10.6	10.1	9.6	9.3	10.1	11.8
60°	8.8	8.7	8.6	8.6	8.6	8.7	8.8	8.7	8.6	8.8	9.2
57.5°	8.6	8.6	9.4	10.7	9.4	8.6	8.6	8.6	8.6	8.9	9.0
55°	10.4	10.6	11.5	12.8	11.5	10.6	10.4	10.2	9.9	10.2	10.4
52.5°	14.4	14.7	14.9	15.0	14.9	14.7	14.4	13.9	13.3	12.9	12.7
50°	18.6	19.0	19.2	19.3	19.2	19.0	18.6	18.1	17.4	16.5	15.5
47.5°	27.2	27.5	27.6	27.8	27.6	27.5	27.2	26.4	25.1	23.1	19.9
45°	43.7	44.3	44.5	44.9	44.5	44.3	43.7	42.2	42.1	39.5	33.2
42.5°	70.4	71.6	71.6	70.6	71.6	71.6	70.4	67.7	66.6	67.7	67.9
40°	100.5	100.5	99.4	98.4	99.4	100.5	100.5	99.0	98.2	88.0	87.0
37.5°	174.8	168.6	157.3	151.9	157.3	168.6	174.8	169.8	158.9	149.5	142.8
35°	270.6	274.7	275.7	273.9	275.7	274.7	270.6	266.3	249.7	219.4	219.3
32.5°	452.5	474.2	481.2	494.3	481.2	474.2	452.5	441.9	403.8	372.7	361.2
30°	931.6	925.1	843.9	808.8	843.9	925.1	931.6	959.8	780.9	782.3	711.4
27.5°	2509.7	2798.6	2936.3	2925.0	2936.3	2798.6	2509.7	2212.5	1925.8	1705.0	1471.3
25°	5168.6	5633.0	5941.0	5738.8	5941.0	5633.0	5168.6	4411.8	3448.8	2986.2	2490.5
22.5°	10663.7	11675.9	12227.5	12425.5	12227.5	11675.9	10663.7	8770.0	6736.8	5116.3	3799.3
20°	21369.7	23281.1	24676.9	23511.4	24676.9	23281.1	21369.7	16797.9	12555.7	8630.6	6040.8
17.5°	39672.9	45618.5	50878.2	52522.0	50878.2	45618.5	39672.9	30661.4	23253.5	15574.8	10075.1
15°	66767.7	76808.7	82777.0	82429.1	82777.0	76808.7	66767.7	54425.4	41623.0	29681.7	18701.5
12.5°	102729.7	115120.8	123388.6	121550.0	123388.6	115120.8	102729.7	87144.6	66103.2	49332.0	32923.6
10°	145940.9	164709.3	178346.2	177718.1	178346.2	164709.3	145940.9	123135.9	99898.0	73967.2	48826.2
7.5°	190741.1	221552.3	248295.0	252795.1	248295.0	221552.3	190741.1	163083.9	131836.0	99792.4	68455.8
5°	248514.9	289125.1	315683.2	317201.2	315683.2	289125.1	248514.9	203881.8	163097.5	124286.8	86426.1
2.5°	295379.0	341965.7	364378.6	377958.1	364378.6	341965.7	295379.0	237868.8	187119.7	142687.2	98942.3
0°	317334.9	355207.3	396184.3	415599.2	396184.3	355207.3	317334.9	252422.8	199308.0	150455.7	103372.9
-2.5°	308327.3	348910.3	373496.8	394073.5	373496.8	348910.3	308327.3	249502.9	197087.3	150037.9	103262.4
-5°	287898.8	328109.9	348736.0	350660.3	348736.0	328109.9	287898.8	234911.9	187170.3	142644.1	96572.1
-7.5°	254548.6	288645.4	310300.7	317038.6	310300.7	288645.4	254548.6	215460.9	172724.2	131250.1	87781.3
-10°	219105.9	243627.1	257622.4	260305.6	257622.4	243627.1	219105.9	187754.6	152709.2	114437.8	74561.8
-12.5°	182257.9	202333.3	211990.4	214100.1	211990.4	202333.3	182257.9	156586.1	125541.4	93225.4	60933.6
-15°	141439.6	156545.9	165241.0	166754.1	165241.0	156545.9	141439.6	120707.7	96063.9	70536.1	44020.1
-17.5°	100957.0	113232.0	122040.1	123210.4	122040.1	113232.0	100957.0	84544.1	67158.3	47203.4	30178.1
-20°	62017.5	70369.6	75522.4	74766.7	75522.4	70369.6	62017.5	49447.6	40331.9	27315.7	19220.6



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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°	33389.4	37891.4	40069.0	41194.2	40069.0	37891.4	33389.4	26697.1	21152.4	16135.6	11911.4
-25°	17649.5	19556.2	20534.6	21301.1	20534.6	19556.2	17649.5	14698.5	11648.9	10173.0	8348.4
-27.5°	10501.6	11157.3	11521.4	11721.5	11521.4	11157.3	10501.6	9514.7	8275.0	7500.0	6612.1
-30°	7698.8	8012.9	8178.9	8261.5	8178.9	8012.9	7698.8	7175.6	6519.8	6014.2	5481.8
-32.5°	6053.0	6239.4	6354.0	6395.7	6354.0	6239.4	6053.0	5764.3	5404.6	5069.6	4776.6
-35°	5021.2	5083.5	5105.9	5146.1	5105.9	5083.5	5021.2	4886.9	4696.9	4489.0	4294.7
-37.5°	4462.8	4520.8	4549.1	4572.6	4549.1	4520.8	4462.8	4363.8	4233.9	4061.5	3933.1
-40°	4289.0	4350.5	4413.6	4459.2	4413.6	4350.5	4289.0	4240.1	4134.2	3950.7	3715.5
-42.5°	4397.6	4498.2	4567.4	4576.9	4567.4	4498.2	4397.6	4295.9	4063.2	3813.0	3498.4
-45°	4051.6	4166.2	4228.7	4249.5	4228.7	4166.2	4051.6	3884.4	3590.0	3246.8	2879.6
-47.5°	3251.2	3513.2	3669.5	3703.9	3669.5	3513.2	3251.2	2948.8	2607.7	2249.8	1896.9
-50°	1973.2	2066.5	2117.9	2124.8	2117.9	2066.5	1973.2	1872.2	1768.3	1662.4	1556.1
-52.5°	1571.7	1588.3	1598.7	1604.8	1598.7	1588.3	1571.7	1552.1	1527.4	1491.1	1448.4
-55°	1513.1	1541.2	1556.9	1564.1	1556.9	1541.2	1513.1	1481.2	1444.9	1392.0	1333.9
-57.5°	1385.0	1413.4	1426.0	1429.3	1426.0	1413.4	1385.0	1352.8	1316.8	1263.0	1203.8
-60°	1248.0	1272.1	1279.7	1279.6	1279.7	1272.1	1248.0	1221.5	1192.3	1147.1	1094.4
-62.5°	1150.5	1175.5	1187.7	1194.0	1187.7	1175.5	1150.5	1123.6	1095.4	1051.5	997.3
-65°	1025.4	1048.4	1058.0	1061.3	1058.0	1048.4	1025.4	998.4	967.3	920.1	861.3
-67.5°	817.5	839.2	845.4	845.2	845.4	839.2	817.5	792.4	764.3	728.5	685.4
-70°	589.3	603.7	606.1	603.4	606.1	603.7	589.3	571.4	550.4	524.4	491.9
-72.5°	356.4	364.7	367.8	368.0	367.8	364.7	356.4	345.6	332.3	315.3	292.7
-75°	170.5	173.6	176.0	177.6	176.0	173.6	170.5	166.2	160.7	153.4	143.3
-77.5°	89.2	93.3	95.0	96.3	95.0	93.3	89.2	84.9	80.4	75.7	70.9
-80°	57.0	59.5	59.8	59.9	59.8	59.5	57.0	54.3	51.5	48.6	45.6
-82.5°	38.2	40.5	40.7	40.7	40.7	40.5	38.2	35.8	33.4	30.9	29.5
-85°	26.1	27.7	28.9	30.0	28.9	27.7	26.1	24.4	22.7	20.9	19.7
-87.5°	19.8	21.4	21.4	21.4	21.4	21.4	19.8	18.1	16.5	14.8	13.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.7



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.7	9.1	8.6	8.6	8.6	8.6	8.6	9.1	9.7	10.2	10.7
87.5°	3.2	3.8	4.3	4.8	5.4	5.9	6.4	7.0	7.5	8.1	8.6
85°	3.2	3.8	4.3	4.8	5.4	5.9	6.4	7.0	7.5	8.1	8.6
82.5°	5.0	5.4	5.8	5.9	6.0	6.2	6.5	7.0	7.6	8.1	8.7
80°	5.4	5.9	6.4	6.4	6.4	6.4	6.5	7.0	7.6	8.1	8.7
77.5°	5.4	6.0	6.5	6.7	6.8	6.8	6.7	7.1	7.6	8.2	8.7
75°	5.5	6.0	6.6	7.3	7.9	8.3	8.6	8.8	8.9	9.1	9.2
72.5°	9.4	9.7	9.9	10.0	9.5	9.9	10.5	10.9	11.1	11.0	10.5
70°	14.3	15.7	17.6	19.6	20.6	20.5	19.6	17.8	15.1	14.0	13.0
67.5°	16.6	18.6	21.8	25.5	27.9	29.7	31.2	31.6	29.9	26.7	19.7
65°	16.5	18.6	21.2	24.0	27.7	32.2	38.8	42.2	42.5	40.4	31.4
62.5°	13.9	16.5	18.1	20.1	23.0	27.8	35.5	42.4	49.1	51.1	41.0
60°	9.9	10.8	12.8	15.0	17.3	22.4	30.6	38.8	47.2	47.4	44.1
57.5°	8.8	9.3	10.7	11.8	12.7	16.9	24.2	33.6	42.7	41.4	39.2
55°	10.6	11.1	11.7	12.2	12.9	14.5	17.7	24.1	32.5	34.4	32.9
52.5°	12.6	13.3	13.9	14.4	14.6	14.4	14.4	18.2	22.0	25.4	26.6
50°	14.9	15.5	16.1	16.6	16.8	16.4	15.9	15.6	17.8	20.4	21.4
47.5°	19.7	20.4	19.2	19.0	20.4	19.2	18.5	18.7	19.8	19.1	20.1
45°	32.6	31.6	29.4	29.1	28.3	27.3	23.6	25.3	25.7	24.5	21.2
42.5°	62.7	53.3	46.4	46.8	44.0	41.1	37.5	36.8	35.5	32.6	30.6
40°	95.8	95.2	86.1	75.9	69.3	60.7	56.8	52.1	49.2	44.9	43.8
37.5°	136.4	132.9	138.8	133.6	114.4	97.2	85.3	72.9	64.9	69.0	65.5
35°	202.2	198.5	208.1	198.4	183.6	175.7	135.8	106.2	96.3	106.9	96.1
32.5°	301.3	348.9	333.4	307.7	321.0	302.2	241.0	166.4	165.4	162.8	144.3
30°	590.7	632.8	610.9	541.4	559.8	520.4	393.1	367.6	308.3	234.7	205.1
27.5°	1287.3	1049.4	1011.8	997.2	884.5	810.6	747.0	673.1	519.1	380.8	284.9
25°	2202.9	1850.4	1598.9	1530.1	1390.7	1179.0	1142.9	1051.5	862.1	578.9	391.6
22.5°	3265.7	2779.4	2374.5	2123.7	1900.5	1642.3	1507.6	1450.1	1246.3	827.0	565.2
20°	4350.1	3703.7	3152.9	2752.6	2351.2	2042.8	1865.4	1774.6	1521.8	1128.6	746.5
17.5°	6844.7	4861.8	4036.3	3427.2	2860.3	2439.9	2269.4	2054.3	1796.7	1421.1	922.9
15°	10733.7	7501.4	5555.7	4390.0	3552.4	3087.2	2793.8	2382.5	2066.6	1679.3	1197.1
12.5°	20129.2	12005.6	7409.2	5730.6	4648.3	3891.0	3407.2	2844.1	2371.3	2033.7	1603.4
10°	30360.9	18258.3	11013.9	7674.7	5969.2	4810.3	4001.2	3311.7	2768.0	2420.7	2004.9
7.5°	42725.1	25314.3	14844.4	9543.1	7152.9	5593.5	4522.7	3709.5	3136.6	2783.1	2395.6
5°	52769.8	30421.9	17180.3	10942.4	8146.0	6328.6	5055.4	4047.0	3478.9	3122.9	2768.0
2.5°	58998.8	33166.9	18560.7	12102.4	8975.0	6945.8	5492.7	4334.1	3744.8	3343.4	2974.9
0°	60537.5	35329.2	19644.9	12138.7	9384.9	7328.6	5755.9	4585.5	3967.1	3528.4	3149.7
-2.5°	60644.9	34738.1	19412.9	12023.6	9185.1	7248.8	5764.1	4706.1	4093.9	3624.0	3214.0
-5°	55992.4	31654.2	18024.1	11610.7	8885.6	7067.1	5746.1	4816.1	4190.0	3704.2	3236.8
-7.5°	50633.7	27932.0	16246.9	10950.2	8460.0	6826.9	5718.6	4905.2	4255.5	3792.2	3267.3
-10°	40731.3	23504.5	14636.8	10383.6	8068.4	6578.2	5686.9	4933.0	4303.1	3864.0	3249.0
-12.5°	34387.8	19696.0	12679.7	9603.0	7752.9	6476.1	5659.6	4880.3	4335.6	3921.2	3178.5
-15°	25670.8	16424.6	11517.7	9023.3	7495.5	6340.9	5555.1	4725.6	4217.0	3892.4	3053.5
-17.5°	19121.3	13063.3	9863.4	8064.2	6874.8	6148.4	5341.3	4558.3	4014.2	3598.3	2736.4
-20°	12920.4	10157.6	8473.0	7088.3	6078.1	5475.5	4922.2	4265.6	3764.1	3177.9	2335.6



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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°	9582.2	8108.0	6919.1	5945.5	5272.4	4765.4	4300.0	3828.8	3454.7	2742.5	1926.8
-25°	7444.8	6411.7	5636.1	5114.9	4536.7	4066.9	3732.5	3442.6	2971.7	2287.5	1559.3
-27.5°	5973.4	5254.6	4839.0	4454.3	4005.8	3580.3	3302.3	3050.1	2485.5	1838.9	1438.8
-30°	4997.5	4675.7	4323.4	3958.0	3618.1	3276.1	2991.2	2534.8	2013.3	1491.1	1330.1
-32.5°	4470.3	4225.0	3916.8	3591.8	3304.3	3056.7	2607.3	2046.0	1568.0	1378.0	1240.2
-35°	4085.3	3833.9	3539.5	3298.1	3077.2	2697.1	2206.1	1659.4	1394.9	1273.5	1156.5
-37.5°	3731.7	3462.0	3256.6	3036.1	2709.2	2276.2	1733.6	1447.5	1296.8	1187.1	1067.6
-40°	3502.3	3251.4	2927.8	2643.7	2199.4	1707.3	1490.0	1342.1	1224.2	1096.0	972.7
-42.5°	3147.8	2824.3	2435.7	1991.1	1628.2	1497.3	1371.3	1260.4	1138.1	1002.8	881.6
-45°	2469.6	2070.7	1707.1	1582.6	1462.3	1368.9	1279.5	1160.6	1032.6	911.1	792.1
-47.5°	1730.6	1611.1	1499.5	1423.0	1346.9	1261.7	1157.0	1043.0	930.0	819.0	725.4
-50°	1482.7	1437.6	1381.3	1309.6	1221.3	1127.3	1030.9	930.2	833.2	746.3	657.4
-52.5°	1396.5	1330.6	1256.2	1172.4	1086.8	1001.6	912.1	835.4	754.8	673.4	589.5
-55°	1270.2	1200.9	1126.1	1045.5	963.9	897.6	827.2	753.1	678.3	600.6	527.9
-57.5°	1140.8	1076.2	1011.8	945.2	876.5	807.9	738.9	669.8	602.6	534.0	467.9
-60°	1037.9	977.8	915.8	849.4	778.5	710.4	651.4	590.4	527.3	472.4	416.0
-62.5°	940.1	879.9	814.3	747.2	683.4	624.6	568.8	515.6	466.3	416.2	352.3
-65°	802.9	745.6	689.7	635.2	582.6	532.3	485.4	434.0	381.4	331.5	276.1
-67.5°	642.8	601.5	558.9	512.4	460.9	411.5	364.6	320.3	277.9	236.1	187.9
-70°	456.9	419.4	380.4	341.8	306.6	272.2	237.2	202.2	167.5	140.7	113.1
-72.5°	268.5	242.8	216.8	191.0	164.2	145.2	128.2	110.3	91.1	70.4	54.8
-75°	132.1	119.9	107.3	95.0	81.6	67.2	59.5	55.0	50.4	45.6	40.5
-77.5°	65.9	60.8	56.1	52.6	49.1	45.7	42.2	38.7	36.0	33.4	31.1
-80°	42.7	39.8	37.1	35.4	33.6	31.7	29.7	28.0	26.4	25.1	23.7
-82.5°	27.9	26.3	24.7	23.6	22.4	21.1	19.9	19.0	18.2	17.2	16.3
-85°	18.4	17.2	15.9	15.2	14.6	14.0	13.4	13.4	13.5	13.6	13.7
-87.5°	12.6	11.6	10.5	10.5	10.4	10.4	10.3	10.8	11.3	11.7	12.2
-90°	3.2	3.8	4.3	4.8	5.4	5.9	6.4	7.0	7.5	8.1	8.6



REPORT NUMBER: P1306382 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	10.7	10.7	10.7	10.7	11.2	11.8	12.3	12.8	12.3	11.8	11.2
87.5°	8.6	8.6	8.6	8.6	9.1	9.7	10.2	10.7	10.7	10.7	10.7
85°	8.8	8.9	8.9	8.9	9.3	9.7	10.2	10.7	10.7	10.7	10.7
82.5°	9.2	9.6	9.9	10.1	10.1	10.2	10.4	10.7	10.8	10.7	10.7
80°	9.2	9.7	10.3	10.7	10.7	10.7	10.6	10.7	11.0	11.1	11.0
77.5°	9.3	9.8	10.3	10.7	10.7	10.7	10.7	10.8	11.3	11.5	11.5
75°	9.4	9.9	10.4	10.7	10.7	10.7	10.7	10.9	11.4	11.9	12.0
72.5°	10.3	10.3	10.5	10.7	10.7	10.7	10.7	10.9	11.4	11.9	12.4
70°	11.9	10.9	10.7	10.9	10.9	10.7	10.7	11.0	11.5	12.0	12.5
67.5°	13.9	12.6	11.5	11.3	11.4	11.3	10.8	11.1	11.6	12.0	12.5
65°	23.1	16.8	12.7	12.2	12.0	12.1	11.7	11.3	11.6	12.1	12.6
62.5°	31.5	22.9	17.2	13.8	12.6	12.5	12.6	12.0	11.8	12.2	12.7
60°	39.4	29.5	21.9	17.5	14.2	12.7	12.8	12.6	12.2	12.3	12.7
57.5°	36.4	34.2	27.8	21.3	16.9	13.9	12.8	12.8	12.6	12.5	12.8
55°	31.0	29.9	30.7	25.7	19.6	15.8	13.4	12.8	12.8	12.6	12.8
52.5°	25.3	26.8	29.1	28.1	22.7	17.6	14.8	12.8	12.8	12.8	12.8
50°	20.9	24.1	27.8	28.5	25.0	19.8	16.1	13.8	12.8	12.8	12.9
47.5°	20.9	23.7	26.1	29.1	26.9	21.7	17.5	14.7	12.8	12.8	13.1
45°	24.2	25.4	26.3	28.1	28.8	23.2	18.8	15.6	13.5	12.9	13.3
42.5°	29.4	29.9	29.2	27.6	28.7	24.3	19.7	16.4	14.1	13.1	13.5
40°	40.7	36.7	33.7	32.8	29.7	25.1	20.4	16.9	14.6	13.4	13.6
37.5°	54.0	47.3	41.2	42.3	34.0	27.4	20.7	17.2	15.3	14.0	13.7
35°	78.6	61.3	58.7	57.1	45.8	31.0	20.7	17.3	16.2	14.6	13.8
32.5°	108.2	91.0	88.2	76.7	60.7	35.8	23.0	18.8	17.2	15.2	14.0
30°	163.7	147.1	126.1	100.0	79.1	49.6	28.3	20.8	18.3	15.8	14.2
27.5°	252.2	213.0	174.0	135.0	101.3	66.3	35.2	23.2	19.5	16.4	14.7
25°	347.0	294.2	237.4	178.0	125.8	90.5	41.9	26.1	21.2	17.4	15.1
22.5°	447.1	382.0	307.2	226.0	161.2	119.1	55.1	31.8	23.4	18.4	15.5
20°	549.0	472.7	385.4	283.5	204.8	149.3	76.6	37.3	25.7	19.4	15.9
17.5°	661.1	582.9	486.4	356.1	252.2	180.9	100.1	42.6	28.1	20.4	16.3
15°	875.5	716.7	597.0	435.1	299.0	213.5	124.9	47.6	30.7	21.5	16.7
12.5°	1136.8	851.9	714.6	518.4	344.8	246.4	150.4	52.4	33.3	23.3	17.2
10°	1424.3	987.1	836.2	603.7	389.1	279.2	175.8	60.8	38.4	25.9	17.7
7.5°	1725.7	1121.0	958.8	688.5	436.7	325.3	225.3	77.9	44.0	28.6	18.1
5°	2005.8	1241.7	1080.3	794.1	510.8	384.7	278.8	95.7	49.5	31.3	18.5
2.5°	2173.2	1339.9	1194.4	896.7	582.4	441.9	330.6	113.4	54.8	33.9	18.9
0°	<b>2308.8</b>	<b>1431.5</b>	<b>1298.8</b>	<b>990.7</b>	<b>650.5</b>	<b>496.4</b>	<b>378.7</b>	<b>130.5</b>	<b>59.9</b>	<b>36.4</b>	<b>19.3</b>
-2.5°	2336.6	1483.6	1335.1	1044.1	714.3	549.8	417.5	158.6	79.6	48.3	25.7
-5°	2331.0	1529.5	1363.1	1088.2	773.2	599.4	450.0	184.9	98.4	59.7	31.8
-7.5°	2324.1	1551.4	1377.8	1120.1	826.5	644.4	475.3	208.7	116.1	70.2	37.5
-10°	2273.3	1556.2	1374.2	1115.8	837.9	662.8	489.3	229.8	132.2	79.8	42.6
-12.5°	2162.8	1555.3	1364.5	1101.7	835.0	657.0	474.7	244.5	146.3	88.2	46.9
-15°	1986.8	1548.8	1349.6	1077.8	823.6	647.3	457.5	254.7	157.6	95.7	50.3
-17.5°	1728.9	1536.7	1330.0	1044.2	802.9	633.8	438.7	262.1	167.1	102.4	53.5
-20°	1607.5	1477.6	1302.2	1000.9	772.4	616.7	419.3	266.3	174.6	107.3	56.2



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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°	1517.8	1379.9	1201.6	960.8	739.7	595.8	400.2	267.3	180.1	110.2	57.6
-25°	1413.9	1279.6	1094.5	887.0	712.4	565.4	389.9	265.1	183.4	111.0	57.6
-27.5°	1301.6	1173.5	992.9	813.4	672.0	537.9	385.1	267.5	184.3	109.7	56.1
-30°	1188.6	1062.9	906.5	747.1	629.7	500.3	376.3	267.4	182.4	107.4	53.0
-32.5°	1101.8	962.5	825.7	698.4	585.6	462.2	355.3	264.3	177.4	103.7	50.7
-35°	1020.2	881.1	749.8	648.6	541.4	430.4	330.6	258.2	169.3	97.7	48.0
-37.5°	935.3	807.1	694.8	599.3	497.8	396.0	310.6	239.0	158.0	89.4	43.9
-40°	853.4	739.0	642.5	552.6	456.6	359.1	288.7	217.1	145.7	78.8	38.6
-42.5°	771.2	679.7	590.9	506.5	413.9	332.6	264.6	193.7	128.3	69.7	32.0
-45°	704.7	619.1	537.3	456.3	371.1	304.3	237.2	169.4	108.9	60.6	27.0
-47.5°	636.1	557.7	483.1	405.9	337.9	273.7	208.3	145.9	88.1	49.8	25.5
-50°	567.1	497.9	430.4	364.4	302.7	240.4	178.4	120.7	73.5	37.0	23.5
-52.5°	509.9	443.8	383.0	324.3	265.1	205.6	148.5	94.9	57.7	30.9	21.3
-55°	457.3	393.1	337.8	281.9	225.6	170.0	116.7	75.7	40.9	27.6	18.9
-57.5°	407.2	344.2	290.2	237.4	183.8	132.4	89.9	55.3	33.6	24.0	18.6
-60°	355.7	293.5	240.6	189.0	139.3	98.2	65.4	39.0	28.9	20.7	18.2
-62.5°	292.9	237.1	184.0	137.1	99.7	68.7	43.2	32.9	23.8	19.9	17.7
-65°	221.1	170.3	125.2	94.1	65.0	43.8	35.5	26.4	21.6	19.0	17.1
-67.5°	142.4	110.4	80.5	53.8	42.7	35.3	27.5	23.0	20.1	17.9	16.5
-70°	85.2	58.8	46.5	40.2	33.7	27.5	24.0	20.9	18.5	17.0	15.9
-72.5°	48.3	42.2	36.5	31.1	27.5	24.2	21.2	18.8	17.3	16.1	15.2
-75°	35.5	32.2	29.4	26.6	23.6	20.9	18.8	17.1	16.0	15.1	14.5
-77.5°	28.6	26.3	24.2	22.3	20.3	18.5	16.8	15.4	14.8	14.3	13.9
-80°	22.2	20.9	19.8	18.8	17.3	15.9	15.0	14.3	14.0	13.6	13.2
-82.5°	15.8	15.9	15.9	15.9	15.1	14.4	13.8	13.4	13.1	12.9	12.6
-85°	13.8	13.7	13.6	13.4	13.1	12.8	12.8	12.8	12.7	12.5	12.2
-87.5°	12.1	12.0	12.0	11.9	12.1	12.3	12.5	12.8	12.5	12.1	11.7
-90°	8.6	8.6	8.6	8.6	9.1	9.7	10.2	10.7	10.7	10.7	10.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7
87.5°	10.7	10.8	10.9	10.9	10.9	10.7	10.7
85°	10.7	10.9	11.1	11.1	11.1	10.8	10.7
82.5°	10.7	11.1	11.3	11.3	11.2	10.8	10.7
80°	10.8	11.2	11.4	11.5	11.4	10.9	10.7
77.5°	11.3	11.4	11.6	11.7	11.6	10.9	10.7
75°	11.9	11.7	11.8	12.0	11.7	11.0	10.7
72.5°	12.4	12.1	12.0	12.2	11.9	11.0	10.7
70°	12.8	12.4	12.2	12.4	12.0	11.0	10.7
67.5°	12.8	12.7	12.4	12.5	12.2	11.1	10.7
65°	12.8	12.8	12.5	12.5	12.3	11.1	10.7
62.5°	12.8	12.8	12.7	12.6	12.4	11.1	10.7
60°	12.8	12.8	12.8	12.6	12.5	11.2	10.7
57.5°	12.8	12.8	12.8	12.7	12.5	11.2	10.7
55°	12.8	12.8	12.8	12.7	12.5	11.2	10.7
52.5°	12.8	12.8	12.8	12.8	12.5	11.2	10.7
50°	12.8	12.8	12.8	12.8	12.4	11.2	10.7
47.5°	12.8	12.8	12.8	12.8	12.4	11.2	10.7
45°	13.0	12.8	12.8	12.8	12.4	11.2	10.7
42.5°	13.2	12.8	12.8	12.8	12.4	11.2	10.7
40°	13.5	12.8	12.8	12.8	12.4	11.2	10.7
37.5°	13.7	12.8	12.8	12.8	12.5	11.2	10.7
35°	14.0	12.9	12.8	12.8	12.5	11.2	10.7
32.5°	14.3	13.2	12.8	12.8	12.5	11.2	10.7
30°	14.4	13.4	12.8	12.8	12.5	11.2	10.7
27.5°	14.5	13.7	12.8	12.8	12.5	11.1	10.7
25°	14.7	13.9	12.8	12.8	12.6	11.1	10.7
22.5°	14.8	14.2	12.8	12.8	12.6	11.1	10.7
20°	14.9	14.3	12.8	12.8	12.6	11.0	10.7
17.5°	15.1	14.5	12.8	12.8	12.7	11.0	10.7
15°	15.3	14.6	12.8	12.8	12.7	11.0	10.7
12.5°	15.6	14.7	12.8	12.8	12.7	10.9	10.7
10°	15.9	14.8	12.8	12.8	12.7	10.9	10.7
7.5°	16.2	14.9	12.8	12.8	12.8	10.8	10.7
5°	16.5	15.0	12.8	12.8	12.8	10.8	10.7
2.5°	16.8	15.0	12.8	12.8	12.8	10.7	10.7
0°	17.1	15.0	12.8	12.8	12.8	10.7	10.7
-2.5°	18.8	15.0	12.8	12.8	12.8	10.7	10.7
-5°	20.4	15.0	12.8	12.8	12.8	10.7	10.7
-7.5°	21.9	14.9	12.8	12.8	12.8	10.7	10.7
-10°	23.1	14.8	12.8	12.8	12.7	10.7	10.7
-12.5°	24.1	14.7	12.8	12.8	12.7	10.7	10.7
-15°	24.8	14.6	12.8	12.8	12.7	10.7	10.7
-17.5°	25.0	14.5	12.8	12.8	12.6	10.7	10.7
-20°	25.4	14.3	12.8	12.8	12.5	10.7	10.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.1	14.2	12.8	12.8	12.5	10.7	10.7
-25°	26.2	14.4	12.8	12.8	12.4	10.7	10.7
-27.5°	25.4	14.7	12.8	12.8	12.3	10.7	10.7
-30°	23.9	14.8	12.8	12.8	12.2	10.7	10.7
-32.5°	21.6	14.8	13.0	12.8	12.1	10.7	10.7
-35°	20.8	14.6	13.2	12.8	12.0	10.7	10.7
-37.5°	20.5	14.5	13.3	12.8	11.9	10.7	10.7
-40°	20.1	14.7	13.4	12.8	11.8	10.7	10.7
-42.5°	19.3	14.8	13.5	12.8	11.7	10.7	10.7
-45°	18.3	14.9	13.6	12.9	11.6	10.7	10.7
-47.5°	17.1	15.0	13.7	12.9	11.4	10.7	10.7
-50°	16.8	15.0	13.7	12.8	11.3	10.7	10.7
-52.5°	16.8	15.0	13.7	12.6	11.2	10.7	10.7
-55°	16.6	14.9	13.7	12.5	11.0	10.7	10.7
-57.5°	16.5	14.8	13.7	12.3	10.9	10.7	10.7
-60°	16.2	14.7	13.6	12.1	10.7	10.7	10.7
-62.5°	16.0	14.5	13.3	11.9	10.7	10.7	10.7
-65°	15.6	14.3	13.0	11.6	10.7	10.7	10.7
-67.5°	15.3	14.0	12.7	11.4	10.7	10.7	10.7
-70°	14.9	13.6	12.4	11.2	10.7	10.7	10.7
-72.5°	14.4	13.2	12.1	11.1	10.7	10.7	10.7
-75°	13.9	12.8	11.7	11.1	10.7	10.7	10.7
-77.5°	13.4	12.4	11.6	11.0	10.7	10.7	10.7
-80°	12.8	12.0	11.4	11.0	10.7	10.7	10.7
-82.5°	12.3	11.7	11.2	10.9	10.7	10.7	10.7
-85°	11.8	11.4	11.1	10.8	10.7	10.7	10.7
-87.5°	11.2	11.0	10.9	10.8	10.7	10.7	10.7
-90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7

(END OF REPORT)