

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: P1306407 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-3S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

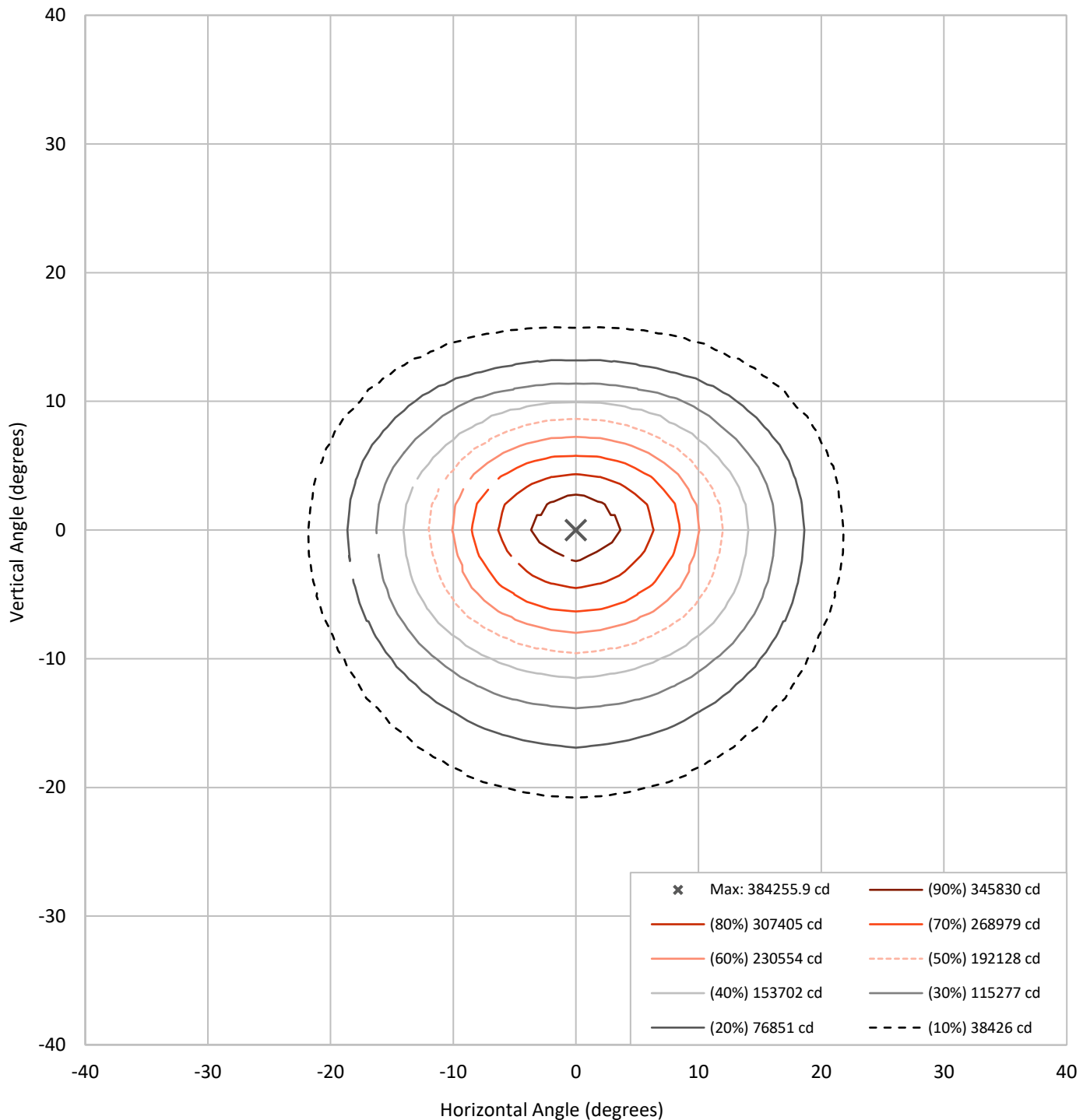
Test Method: LM-79-08  
Report Number: P1306407 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-3S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 3S 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:	64238 lumens	Max Intensity:	384255.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	27479.5 lumens	Field Lumens:	54897.8 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
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





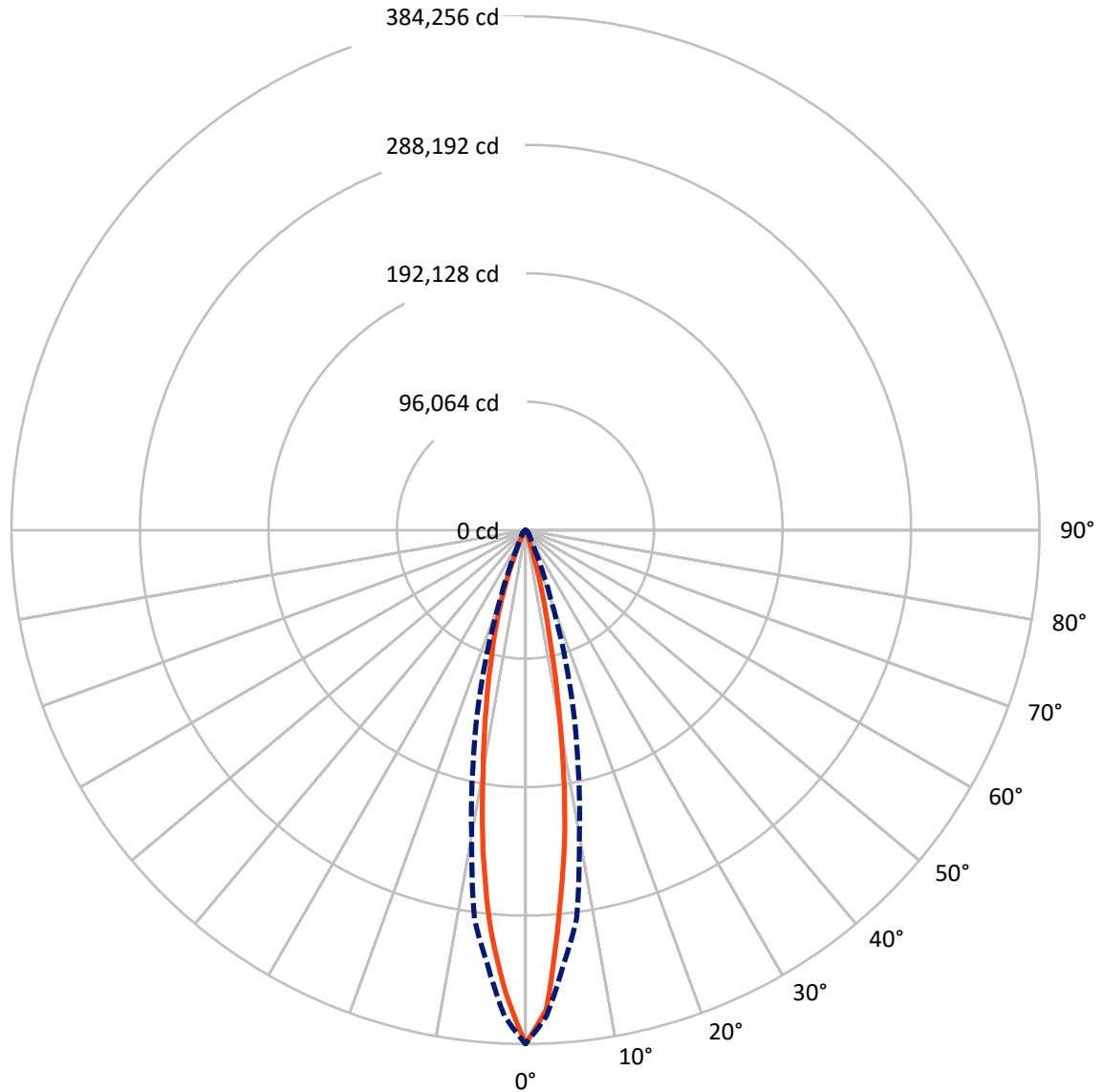
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### Lumen Table

90	0.2	0.5	0.8	0.8	1.0	0.8	0.8	0.5	0.2										
80	0.2	0.5	0.8	0.8	1.0	0.8	0.8	0.5	0.2										
70	0.2	0.1	0.2	0.7	0.9	0.5	0.3	0.3	0.3	0.3	0.5	0.9	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.7	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.7	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.2	0.2			
40		0.3	0.7	1.0	1.8	2.5	3.1	4.1	4.1	3.1	2.5	1.8	1.0	0.7	0.3				
30	0.3	0.5	1.8	4.5	8.5	12.9	29.2	58.7	58.7	29.2	12.9	8.5	4.5	1.8	0.5	0.3			
20		1.3	6.6	21.1	46.3	124.1	688.1	1574.6	1574.6	688.1	124.1	46.3	21.1	6.6	1.3				
10	0.4	2.3	13.9	49.9	116.5	512.4	3213.5	7501.1	7501.1	3213.5	512.4	116.5	49.9	13.9	2.3	0.4			
0		3.1	16.5	58.5	130.7	546.1	3427.5	7725.9	7725.9	3427.5	546.1	130.7	58.5	16.5	3.1				
-10	0.7	3.3	14.2	44.4	92.8	235.4	1244.4	2800.6	2800.6	1244.4	235.4	92.8	44.4	14.2	3.3	0.7			
-20		3.2	11.5	27.8	65.5	111.0	241.0	484.6	484.6	241.0	111.0	65.5	27.8	11.5	3.2				
-30	0.5	2.9	9.2	19.4	42.4	76.5	104.1	121.4	121.4	104.1	76.5	42.4	19.4	9.2	2.9	0.5			
-40		2.0	6.8	14.7	26.4	43.0	65.8	82.8	82.8	65.8	43.0	26.4	14.7	6.8	2.0				
-50	0.3	1.0	4.1	9.4	16.7	24.6	31.2	35.0	35.0	31.2	24.6	16.7	9.4	4.1	1.0	0.3			
-60		0.4	1.4	4.0	7.6	11.6	15.6	18.0	18.0	15.6	11.6	7.6	4.0	1.4	0.4				
-70																			
-80	0.2	0.9	3.1	8.3	12.8	8.3	3.1	0.9	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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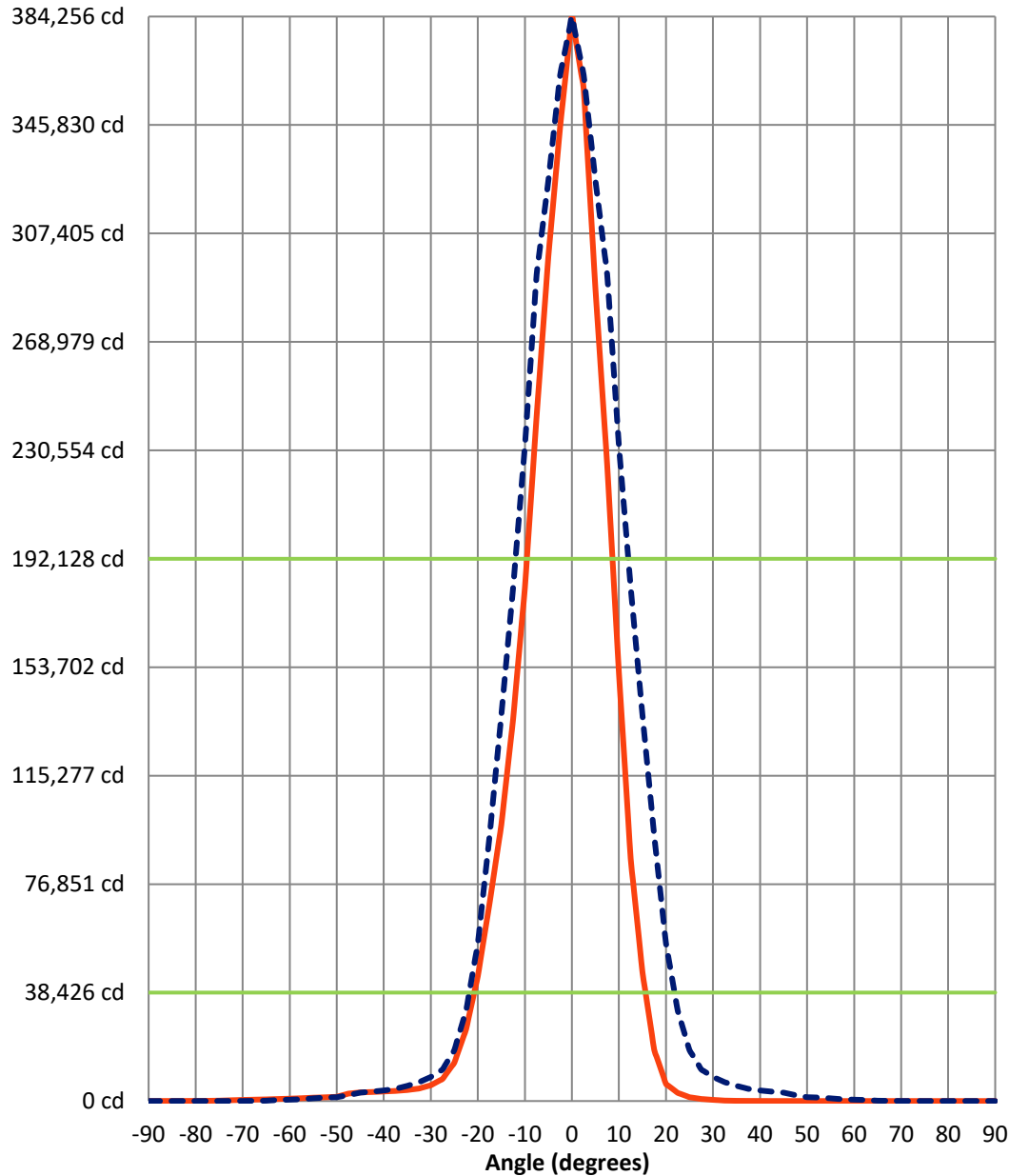
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24°  
 V Angle: 18.2°  
 Lumens: 27479.5  
 Efficiency: 42.8%

**Field:**  
 H Angle: 43.7°  
 V Angle: 36.4°  
 Lumens: 54897.8  
 Efficiency: 85.5%

**Spill:**  
 Lumens: 9340.2  
 Efficiency: 14.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.7
67.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.8	9.5
65°	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.1	8.7	9.5	9.9
62.5°	8.1	8.1	8.1	8.1	8.1	8.3	8.3	8.5	9.4	10.0	9.4
60°	8.1	8.1	8.1	8.1	8.1	8.5	8.5	9.0	10.0	9.7	8.9
57.5°	8.1	8.1	8.1	8.1	8.3	8.7	8.9	9.5	10.0	9.5	8.8
55°	8.1	8.1	8.2	8.1	8.5	8.9	9.2	10.0	9.9	9.4	8.9
52.5°	8.1	8.1	8.2	8.1	8.7	9.1	9.6	10.1	9.9	9.5	9.0
50°	8.1	8.1	8.2	8.1	8.9	9.4	9.9	10.2	10.0	9.6	11.0
47.5°	8.1	8.1	8.3	8.1	9.2	9.6	10.1	10.4	10.1	9.7	12.7
45°	8.1	8.1	8.3	8.3	9.4	9.7	10.3	10.6	10.3	10.7	14.0
42.5°	8.1	8.1	8.4	8.5	9.6	9.9	10.5	10.8	10.5	11.4	15.3
40°	8.1	8.1	8.5	8.7	9.8	10.0	10.7	11.1	11.0	11.9	16.6
37.5°	8.1	8.1	8.6	9.0	9.9	10.1	11.0	11.4	11.9	13.2	17.8
35°	8.1	8.1	8.6	9.2	10.0	10.2	11.3	11.8	12.8	15.3	18.5
32.5°	8.1	8.1	8.7	9.3	10.0	10.5	11.6	12.2	13.8	17.5	20.3
30°	8.1	8.1	8.8	9.5	10.1	10.7	11.9	12.7	14.7	19.7	22.5
27.5°	8.1	8.1	8.9	9.6	10.1	10.9	12.3	13.5	16.1	22.0	25.1
25°	8.1	8.1	9.0	9.7	10.1	11.2	12.6	14.3	17.9	24.3	28.3
22.5°	8.1	8.1	9.1	9.8	10.1	11.4	13.0	15.1	19.8	26.6	34.1
20°	8.1	8.1	9.3	9.9	10.1	11.6	13.4	15.9	21.6	29.2	40.5
17.5°	8.1	8.1	9.4	10.0	10.1	11.7	13.6	16.7	23.4	31.9	47.4
15°	8.1	8.1	9.5	10.0	10.1	11.8	13.8	17.6	25.2	34.8	54.6
12.5°	8.1	8.1	9.6	10.1	10.1	11.9	13.9	18.7	27.2	37.6	61.9
10°	8.1	8.1	9.7	10.1	10.1	12.0	14.0	19.9	29.3	42.4	71.0
7.5°	8.1	8.1	9.8	10.1	10.1	12.1	14.1	21.1	31.3	47.7	83.6
5°	8.1	8.1	9.9	10.1	10.1	12.2	14.2	22.3	33.2	52.9	96.2
2.5°	8.1	8.1	10.0	10.1	10.1	12.2	14.2	23.4	34.9	58.1	108.3
0°	8.1	8.1	10.1	10.1	10.1	12.2	14.2	24.4	36.5	62.9	119.7
-2.5°	8.1	8.1	10.1	10.1	10.3	12.6	16.1	29.1	46.3	77.3	137.1
-5°	8.1	8.1	10.1	10.1	10.5	13.0	17.9	33.5	55.7	91.1	153.2
-7.5°	8.1	8.1	10.1	10.1	10.6	13.4	19.6	37.6	64.5	103.9	167.8
-10°	8.1	8.1	10.0	10.1	10.8	13.7	21.1	41.2	72.4	115.6	181.0
-12.5°	8.1	8.1	10.0	10.1	10.9	14.0	22.4	44.2	79.1	126.1	192.9
-15°	8.1	8.1	10.0	10.1	11.0	14.2	23.4	46.5	85.4	135.6	203.3
-17.5°	8.1	8.1	9.9	10.1	11.1	14.4	24.0	49.1	91.2	143.8	211.6
-20°	8.1	8.1	9.9	10.1	11.2	14.5	24.7	51.6	95.5	150.6	217.7



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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°	8.1	8.1	9.8	10.1	11.2	14.6	25.5	52.9	98.3	155.8	221.6
-25°	8.1	8.1	9.7	10.1	11.2	14.7	25.6	53.0	99.4	159.4	223.1
-27.5°	8.1	8.1	9.6	10.1	11.2	14.8	25.1	51.9	98.7	161.0	226.2
-30°	8.1	8.1	9.6	10.1	11.1	14.8	23.8	49.3	97.1	159.9	227.3
-32.5°	8.1	8.1	9.5	10.1	11.1	14.7	21.7	47.4	94.0	156.3	226.2
-35°	8.1	8.1	9.4	10.1	11.1	14.5	20.9	45.0	88.9	150.1	223.0
-37.5°	8.1	8.1	9.3	10.1	11.0	14.2	20.5	41.4	81.8	141.4	208.0
-40°	8.1	8.1	9.2	10.1	10.9	14.1	20.0	36.6	72.7	131.2	189.6
-42.5°	8.1	8.1	9.0	10.1	10.8	13.9	19.3	30.7	64.6	115.2	169.3
-45°	8.1	8.1	8.9	10.1	10.8	13.6	18.5	26.2	56.4	97.4	147.5
-47.5°	8.1	8.1	8.8	10.1	10.8	13.2	17.4	24.9	46.5	78.4	126.0
-50°	8.1	8.1	8.7	10.0	10.7	12.8	16.7	23.4	34.4	64.7	103.0
-52.5°	8.1	8.1	8.5	9.8	10.6	12.3	16.0	21.6	28.9	50.4	79.6
-55°	8.1	8.1	8.4	9.6	10.5	12.0	15.2	19.7	26.3	35.4	62.8
-57.5°	8.1	8.1	8.2	9.4	10.3	11.6	14.3	18.5	23.5	29.6	45.4
-60°	8.1	8.1	8.1	9.2	10.1	11.3	13.3	17.1	20.9	26.4	32.1
-62.5°	8.1	8.1	8.1	9.1	9.9	10.8	12.7	15.6	19.3	23.1	28.4
-65°	8.1	8.1	8.1	8.9	9.7	10.4	11.9	14.3	17.5	20.9	24.7
-67.5°	8.1	8.1	8.1	8.7	9.6	10.0	11.1	13.2	15.7	18.9	22.0
-70°	8.1	8.1	8.1	8.5	9.4	9.9	10.2	12.2	14.5	16.8	19.7
-72.5°	8.1	8.1	8.1	8.5	9.2	9.8	10.1	11.1	13.3	15.4	17.6
-75°	8.1	8.1	8.1	8.4	9.1	9.7	10.1	10.7	12.0	14.0	16.0
-77.5°	8.1	8.1	8.1	8.4	8.9	9.6	10.1	10.5	11.4	12.7	14.4
-80°	8.1	8.1	8.1	8.3	8.8	9.4	10.1	10.3	10.8	11.6	12.8
-82.5°	8.1	8.1	8.1	8.3	8.6	9.1	9.6	9.9	10.1	10.5	11.2
-85°	8.1	8.1	8.1	8.2	8.4	8.7	9.1	9.3	9.5	9.6	9.8
-87.5°	8.1	8.1	8.1	8.2	8.3	8.4	8.6	8.7	8.8	8.9	8.9
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1



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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°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.6	9.1	9.6
87.5°	7.8	7.6	7.4	7.2	7.0	6.7	6.4	6.1	6.1	6.1	6.1
85°	8.1	8.1	8.1	8.1	7.6	7.1	6.6	6.1	6.1	6.1	6.1
82.5°	8.1	8.1	8.1	8.1	7.6	7.1	6.7	6.4	6.4	6.4	6.3
80°	8.1	8.1	8.1	8.1	7.9	7.7	7.7	7.8	7.6	7.2	6.7
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.7	7.2	6.7
75°	8.1	8.1	8.2	8.2	8.1	8.1	8.1	8.1	7.9	7.8	7.8
72.5°	8.4	8.7	8.6	8.3	8.1	8.1	8.1	8.1	9.6	11.6	13.1
70°	9.2	9.3	8.7	8.3	8.1	8.6	11.1	14.5	18.1	20.7	24.1
67.5°	9.8	8.9	8.3	8.3	9.8	12.5	16.4	25.1	34.7	38.5	39.6
65°	9.1	8.3	8.6	10.0	12.0	19.2	28.7	40.0	48.2	47.6	45.1
62.5°	8.3	8.4	9.5	12.8	19.3	28.3	36.9	44.8	52.6	50.4	43.3
60°	8.2	8.6	12.4	19.1	26.0	32.5	40.6	45.1	48.6	48.4	38.3
57.5°	8.4	11.0	17.6	24.1	29.6	34.6	37.1	40.2	41.5	41.6	31.2
55°	9.7	15.1	21.6	27.0	31.2	30.4	31.4	31.8	32.0	29.8	21.2
52.5°	12.9	18.6	23.9	28.7	29.6	26.7	23.3	23.5	21.9	18.5	15.3
50°	15.6	20.6	25.8	29.0	27.7	22.2	17.2	17.1	15.6	13.5	11.6
47.5°	17.5	22.6	27.5	29.3	24.7	20.1	15.9	13.9	12.4	11.9	10.6
45°	19.2	24.1	29.3	27.4	23.3	19.9	16.4	12.2	12.7	12.6	13.0
42.5°	20.7	25.1	28.0	26.1	23.8	21.3	18.1	15.6	14.6	16.1	16.7
40°	21.4	25.7	27.1	27.5	25.3	23.9	23.5	21.6	18.8	21.3	22.2
37.5°	21.7	25.7	28.2	31.6	28.5	29.3	30.5	31.0	29.3	28.6	32.1
35°	21.6	26.4	34.0	38.0	35.5	37.3	40.8	42.4	42.5	41.7	47.8
32.5°	22.2	27.8	42.1	45.5	48.1	50.2	52.5	56.4	59.8	63.8	73.9
30°	25.0	35.3	51.2	53.9	63.5	73.4	70.6	72.5	80.5	105.9	128.1
27.5°	31.2	45.5	59.2	67.5	83.0	103.9	110.4	97.6	120.7	160.2	197.8
25°	38.5	73.7	67.9	84.1	113.0	144.4	161.8	159.9	182.6	232.4	277.0
22.5°	54.1	110.6	107.2	102.3	147.9	193.9	223.8	275.8	349.0	348.8	364.9
20°	81.2	145.7	156.6	170.1	199.5	250.9	293.7	431.4	583.8	635.6	579.1
17.5°	113.0	184.5	212.9	258.8	324.0	357.3	381.7	617.2	874.9	977.1	1009.1
15°	148.3	226.3	273.1	357.9	462.0	521.0	625.0	894.1	1198.6	1371.7	1500.3
12.5°	186.0	270.2	336.2	465.1	610.0	687.9	918.5	1308.0	1611.3	1820.1	2147.2
10°	224.8	315.6	401.1	577.5	764.7	856.9	1232.7	1734.3	2051.1	2292.8	2740.4
7.5°	267.5	360.8	465.5	692.3	922.8	1026.6	1557.3	2163.9	2479.8	2749.1	3254.9
5°	309.2	404.2	523.3	789.9	1049.6	1169.7	1849.9	2585.5	2896.2	3188.5	3719.5
2.5°	347.6	445.7	578.8	879.8	1150.1	1269.8	1990.9	2800.0	3138.8	3501.5	4070.4
0°	<b>381.5</b>	<b>485.0</b>	<b>631.1</b>	<b>961.9</b>	<b>1241.9</b>	<b>1365.7</b>	<b>2102.3</b>	<b>2985.1</b>	<b>3336.1</b>	<b>3748.1</b>	<b>4326.4</b>
-2.5°	388.7	500.6	649.7	960.7	1229.6	1363.3	2113.1	2993.2	3404.1	3839.6	4405.6
-5°	390.6	513.1	664.0	951.1	1209.2	1355.4	2091.3	2963.0	3415.3	3817.3	4327.0
-7.5°	387.9	522.0	673.9	932.2	1169.5	1310.4	1968.0	2779.4	3236.8	3587.0	4066.3
-10°	380.9	520.8	662.9	889.8	1106.0	1242.1	1799.3	2567.5	3050.9	3352.3	3769.9
-12.5°	368.7	511.1	645.4	844.3	1041.9	1172.3	1602.7	2332.8	2862.4	3119.9	3457.7
-15°	355.1	499.5	624.7	797.3	979.2	1102.1	1379.5	2079.6	2682.9	2945.1	3196.1
-17.5°	340.8	486.4	601.2	750.3	919.9	1032.4	1138.6	1810.6	2455.8	2766.8	3009.4
-20°	326.9	472.2	575.2	704.6	864.1	978.5	1065.6	1538.0	2136.7	2569.4	2812.9



REPORT NUMBER: P1306407 (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°	313.9	456.9	550.5	669.2	814.9	935.5	1023.8	1271.3	1800.0	2354.6	2617.8
-25°	309.1	435.0	530.3	638.2	767.8	892.1	983.1	1045.0	1481.9	2030.9	2431.9
-27.5°	309.3	416.7	511.0	604.9	720.9	845.9	936.7	1000.5	1240.1	1712.8	2222.4
-30°	306.5	394.5	489.7	572.5	679.7	792.8	888.7	976.8	1052.6	1431.0	1880.7
-32.5°	294.9	371.3	464.1	547.1	638.2	741.5	849.4	943.6	1025.9	1148.9	1556.5
-35°	279.3	352.1	436.2	519.9	596.2	695.7	801.9	904.9	992.2	1068.6	1254.5
-37.5°	265.0	330.3	407.4	489.8	564.9	650.2	750.7	854.1	947.9	1038.6	1122.6
-40°	248.7	305.9	379.9	457.5	532.3	606.9	697.7	795.3	894.2	998.9	1100.0
-42.5°	230.0	285.7	350.6	423.8	494.8	567.8	642.2	734.0	833.5	944.3	1049.7
-45°	205.4	263.5	319.8	385.8	453.1	524.0	595.8	669.7	765.9	868.0	978.4
-47.5°	178.7	237.7	292.5	345.3	408.7	474.8	544.6	617.2	693.1	786.2	885.3
-50°	150.7	205.7	261.3	309.0	362.1	423.1	487.3	559.4	631.7	704.8	789.1
-52.5°	123.5	171.4	223.6	273.1	318.9	370.0	429.5	494.8	563.9	634.1	699.3
-55°	94.7	138.2	183.2	231.6	278.0	321.3	369.4	428.0	489.9	554.9	614.6
-57.5°	71.4	104.2	144.3	186.5	231.3	275.3	317.2	359.7	413.1	470.5	521.7
-60°	51.3	75.2	105.8	143.0	181.3	222.8	265.0	304.7	343.7	381.3	427.1
-62.5°	33.6	52.3	73.9	99.9	133.9	168.9	206.3	244.5	282.5	315.1	345.3
-65°	29.5	33.8	48.4	67.9	87.3	118.8	150.5	180.9	214.3	244.3	273.3
-67.5°	25.3	29.2	33.0	39.8	57.4	76.9	97.4	125.2	151.7	173.3	194.8
-70°	22.4	24.7	28.0	31.4	35.0	43.0	60.1	78.1	95.7	112.4	130.8
-72.5°	19.8	21.9	23.9	26.0	29.1	32.8	36.7	40.7	50.6	63.9	76.6
-75°	17.5	19.0	20.8	22.6	24.6	26.8	29.3	32.6	35.8	38.6	41.1
-77.5°	15.5	16.6	17.9	19.3	20.9	22.6	24.4	26.3	28.4	30.5	32.8
-80°	13.5	14.2	15.0	15.9	17.2	18.6	19.9	21.1	22.3	23.8	25.4
-82.5°	11.7	12.1	12.6	13.0	13.8	14.8	15.8	16.9	17.2	17.6	18.2
-85°	9.9	10.1	10.4	10.7	11.1	11.5	12.1	12.6	12.8	12.8	12.8
-87.5°	9.0	9.1	9.2	9.2	9.3	9.4	9.5	9.5	9.7	9.9	10.0
-90°	7.6	7.1	6.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.1	10.6	11.1	11.7	12.2	16.7	21.3	25.8	30.4	38.0	45.6
87.5°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.5	2.0	2.0	2.0
85°	6.1	5.6	5.1	4.6	4.1	4.0	4.0	4.0	4.0	3.5	3.0
82.5°	6.1	5.6	5.1	4.6	4.1	4.1	4.1	4.1	4.1	3.6	3.1
80°	6.2	5.8	5.6	5.4	5.4	5.2	4.9	4.5	4.1	4.1	4.0
77.5°	6.4	6.4	6.5	6.4	6.2	5.7	5.2	4.7	4.2	4.1	4.1
75°	7.9	8.1	8.3	8.0	7.3	6.8	6.5	6.1	5.8	5.5	5.1
72.5°	14.2	14.3	13.6	13.1	11.9	11.3	11.4	11.3	10.9	10.8	10.6
70°	26.0	26.5	25.4	23.0	19.4	17.0	15.9	14.5	12.8	12.1	12.1
67.5°	37.1	34.0	30.6	27.2	22.8	19.1	16.9	14.9	13.0	12.0	11.4
65°	40.6	33.2	27.7	23.4	20.1	17.2	14.9	12.7	10.5	9.1	8.6
62.5°	35.3	26.3	21.0	17.7	15.3	13.8	11.5	9.6	7.8	6.8	7.1
60°	28.7	19.4	14.4	12.6	11.2	10.1	8.9	7.7	6.7	6.1	6.2
57.5°	21.5	14.1	10.1	9.8	9.3	8.5	7.8	7.2	6.6	6.1	6.1
55°	14.8	11.7	10.1	9.6	9.0	8.5	7.9	7.3	6.7	6.1	6.1
52.5°	11.6	10.6	10.2	9.8	9.2	8.6	8.0	7.4	6.8	6.2	6.1
50°	10.6	10.2	10.3	9.9	9.4	8.8	8.2	7.8	7.7	7.4	7.5
47.5°	10.9	11.2	10.9	10.2	9.8	9.9	9.9	9.9	10.0	9.6	9.5
45°	12.4	12.5	12.3	12.2	11.7	12.9	13.6	13.7	15.8	15.0	12.7
42.5°	15.5	16.2	17.1	18.1	16.8	21.4	28.7	33.7	28.8	22.8	19.2
40°	23.4	24.0	29.2	31.9	37.8	44.5	40.5	33.8	30.1	32.2	33.4
37.5°	36.9	43.1	51.6	61.0	58.7	48.7	49.8	49.7	48.0	52.1	52.4
35°	60.3	75.5	82.6	84.9	80.7	77.6	80.5	83.2	76.9	86.8	89.9
32.5°	98.5	117.1	121.3	117.0	117.5	124.3	129.4	138.6	147.8	162.6	180.3
30°	145.4	165.4	174.9	166.1	168.0	184.2	194.6	215.7	249.3	287.8	335.7
27.5°	215.3	230.2	247.3	249.7	241.6	265.3	302.4	324.5	415.0	474.9	582.8
25°	307.7	330.8	345.8	371.2	384.8	413.4	484.5	552.9	691.9	827.2	1056.8
22.5°	428.9	503.0	530.2	526.3	606.3	683.2	743.8	935.3	1209.1	1609.7	2060.7
20°	589.1	741.2	870.5	912.4	940.9	1143.9	1352.7	1947.2	2628.7	3765.9	4650.1
17.5°	1061.9	1111.9	1395.8	1626.8	1736.8	2166.8	3141.8	4638.1	7210.0	10729.1	12892.8
15°	1772.8	1915.6	2200.3	2689.1	3294.0	4434.0	6061.4	10832.0	17428.1	24636.4	31499.1
12.5°	2557.9	2855.8	3377.3	4097.2	5057.7	8310.2	13562.3	22537.7	34749.2	47237.9	63165.8
10°	3286.4	3885.6	4741.5	5956.6	8422.5	13979.3	22819.9	38076.5	59707.0	82261.7	104794.5
7.5°	3880.7	4738.0	5989.7	7809.7	12229.4	21150.6	35649.1	58127.8	85861.6	114879.3	145430.4
5°	4481.0	5566.2	7073.7	9275.9	14723.9	26691.1	45975.7	76749.7	112540.4	149103.5	187604.7
2.5°	5001.2	6270.8	8016.2	10589.0	16401.5	29689.8	52205.3	90099.3	132121.3	175875.0	224912.4
0°	5385.7	6678.4	8533.2	11209.8	18054.6	32024.2	55852.1	94045.3	136786.2	181957.2	232075.5
-2.5°	5332.1	6501.2	8182.5	10838.7	17480.2	31603.0	53574.2	90796.4	132627.4	174970.9	219669.8
-5°	5088.6	6105.2	7611.7	9989.3	15496.6	27419.6	48076.9	82381.1	121278.3	159973.3	199744.4
-7.5°	4717.3	5596.8	6917.2	8959.8	13209.4	22597.9	39765.2	66599.7	100040.9	133112.1	163791.8
-10°	4333.8	5050.2	6120.3	7734.3	10765.7	17325.9	29465.8	49526.7	77337.1	104572.2	128082.9
-12.5°	3973.2	4506.7	5267.8	6391.5	8259.9	12970.5	22136.9	36773.0	55349.6	76289.1	96647.0
-15°	3636.9	4031.4	4578.0	5484.3	6979.6	9773.7	14749.9	24503.7	37570.3	52186.5	66259.2
-17.5°	3328.6	3653.9	4080.3	4718.5	5645.0	7372.8	10858.8	16435.3	24324.4	34721.0	44439.3
-20°	3052.4	3346.9	3666.0	4144.0	4855.5	5872.5	7588.8	11050.6	15603.1	22156.0	28583.0



REPORT NUMBER: P1306407 (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°	2836.0	3067.4	3315.3	3681.0	4274.2	4995.3	5848.5	7266.8	9772.5	13133.7	16940.3
-25°	2638.3	2809.6	3066.9	3460.5	3866.8	4347.9	4865.1	5434.0	6545.8	7626.8	9619.8
-27.5°	2450.3	2631.1	2899.1	3254.3	3625.0	3849.6	4180.5	4531.8	5063.6	5533.0	6326.9
-30°	2293.5	2483.4	2710.9	3010.6	3322.7	3534.3	3706.5	3960.6	4255.6	4549.9	4891.5
-32.5°	1998.9	2361.0	2518.7	2747.3	3028.3	3250.9	3403.3	3592.1	3749.7	3932.7	4118.3
-35°	1676.6	2076.0	2402.2	2550.1	2744.4	2991.9	3208.6	3360.2	3482.3	3595.2	3701.5
-37.5°	1311.9	1727.3	2083.4	2383.3	2561.1	2727.0	2956.7	3160.8	3307.6	3385.3	3454.5
-40°	1173.1	1293.1	1669.3	2013.2	2280.9	2540.7	2719.7	2919.7	3089.5	3196.7	3276.9
-42.5°	1149.3	1211.0	1259.6	1520.2	1845.0	2123.3	2360.2	2593.6	2801.0	2954.8	3079.0
-45°	1085.2	1158.5	1226.8	1275.0	1325.0	1571.0	1835.6	2093.3	2327.3	2536.8	2719.8
-47.5°	981.5	1069.1	1142.1	1212.0	1266.3	1309.2	1358.8	1440.9	1660.1	1875.3	2079.7
-50°	869.0	948.2	1027.4	1102.6	1161.6	1213.5	1261.2	1302.0	1343.1	1386.1	1427.0
-52.5°	757.6	828.4	898.9	964.9	1027.8	1087.0	1142.1	1182.5	1217.1	1247.6	1270.6
-55°	670.0	722.6	774.0	830.0	885.8	938.1	985.9	1029.7	1069.5	1105.1	1132.4
-57.5°	573.2	624.9	674.0	715.9	756.7	796.0	836.6	875.5	909.8	939.5	963.7
-60°	472.1	516.2	559.9	601.2	640.5	677.5	710.8	741.4	769.1	792.8	810.6
-62.5°	374.6	409.4	448.7	484.6	516.2	546.4	580.7	611.5	639.0	661.7	678.6
-65°	300.7	325.8	354.0	381.9	409.1	438.5	468.4	494.9	518.2	537.3	552.4
-67.5°	219.2	243.7	271.2	296.2	319.2	344.1	372.7	398.9	422.9	442.2	457.9
-70°	147.8	165.2	186.9	210.2	232.7	256.4	282.5	307.6	331.7	350.0	365.0
-72.5°	88.7	100.1	111.7	126.9	142.9	162.3	184.2	206.2	228.0	243.8	256.1
-75°	43.3	48.0	57.5	66.4	74.4	84.8	95.9	106.4	116.1	123.3	129.1
-77.5°	35.1	37.4	39.6	41.7	43.7	48.2	53.7	59.4	65.2	69.8	74.1
-80°	27.0	28.4	29.9	31.5	33.1	36.6	40.4	44.2	47.9	50.8	53.5
-82.5°	18.8	19.6	20.3	20.9	21.5	24.1	26.7	29.2	31.6	33.9	36.1
-85°	12.7	12.9	13.1	13.3	13.4	16.0	18.6	21.3	23.9	26.1	28.2
-87.5°	10.1	10.2	10.2	10.3	10.3	12.5	14.6	16.7	18.7	20.7	22.7
-90°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.5	2.0	1.5	1.0



REPORT NUMBER: P1306407 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	53.3	60.9	55.8	50.7	55.8	60.9	53.3	45.6	38.0	30.4	25.8
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.1
80°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.1	4.1	4.5
77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.7
75°	4.6	4.1	5.1	6.1	5.1	4.1	4.6	5.1	5.5	5.8	6.1
72.5°	10.3	10.0	10.1	10.1	10.1	10.0	10.3	10.6	10.8	10.9	11.3
70°	12.1	12.1	12.2	12.2	12.2	12.1	12.1	12.1	12.1	12.8	14.5
67.5°	10.9	10.3	10.1	10.1	10.1	10.3	10.9	11.4	12.0	13.0	14.9
65°	8.3	8.2	8.1	8.1	8.1	8.2	8.3	8.6	9.1	10.5	12.7
62.5°	7.5	8.0	8.1	8.1	8.1	8.0	7.5	7.1	6.8	7.8	9.6
60°	6.2	6.2	6.1	6.1	6.1	6.2	6.2	6.2	6.1	6.7	7.7
57.5°	6.1	6.1	6.9	8.1	6.9	6.1	6.1	6.1	6.1	6.6	7.2
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.7	7.3
52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.8	7.4
50°	7.8	8.0	8.1	8.1	8.1	8.0	7.8	7.5	7.4	7.7	7.8
47.5°	9.7	9.9	9.4	8.1	9.4	9.9	9.7	9.5	9.6	10.0	9.9
45°	12.7	12.4	12.1	12.2	12.1	12.4	12.7	12.7	15.0	15.8	13.7
42.5°	19.8	20.0	20.1	20.3	20.1	20.0	19.8	19.2	22.8	28.8	33.7
40°	35.1	35.9	36.1	36.5	36.1	35.9	35.1	33.4	32.2	30.1	33.8
37.5°	53.1	54.0	54.3	54.8	54.3	54.0	53.1	52.4	52.1	48.0	49.7
35°	89.6	89.3	86.3	87.3	86.3	89.3	89.6	89.9	86.8	76.9	83.2
32.5°	192.4	193.8	183.8	168.4	183.8	193.8	192.4	180.3	162.6	147.8	138.6
30°	371.8	403.6	425.0	426.2	425.0	403.6	371.8	335.7	287.8	249.3	215.7
27.5°	654.9	704.4	725.4	736.6	725.4	704.4	654.9	582.8	474.9	415.0	324.5
25°	1237.3	1350.8	1412.1	1365.7	1412.1	1350.8	1237.3	1056.8	827.2	691.9	552.9
22.5°	2489.6	2706.6	2891.6	2901.9	2891.6	2706.6	2489.6	2060.7	1609.7	1209.1	935.3
20°	5879.4	5830.2	6297.8	6063.5	6297.8	5830.2	5879.4	4650.1	3765.9	2628.7	1947.2
17.5°	16676.7	18521.4	19540.9	18145.9	19540.9	18521.4	16676.7	12892.8	10729.1	7210.0	4638.1
15°	38339.1	42940.9	46054.6	45657.0	46054.6	42940.9	38339.1	31499.1	24636.4	17428.1	10832.0
12.5°	72087.4	79649.4	86095.1	85824.7	86095.1	79649.4	72087.4	63165.8	47237.9	34749.2	22537.7
10°	124869.4	138053.4	150340.2	151620.3	150340.2	138053.4	124869.4	104794.5	82261.7	59707.0	38076.5
7.5°	173498.3	203187.0	220884.1	225424.5	220884.1	203187.0	173498.3	145430.4	114879.3	85861.6	58127.8
5°	234389.9	268770.8	287370.3	287866.7	287370.3	268770.8	234389.9	187604.7	149103.5	112540.4	76749.7
2.5°	279466.8	318194.4	341032.1	358702.1	341032.1	318194.4	279466.8	224912.4	175875.0	132121.3	90099.3
0°	292873.0	326271.0	363536.8	384255.9	363536.8	326271.0	292873.0	232075.5	181957.2	136786.2	94045.3
-2.5°	274909.4	309876.5	328375.7	345228.6	328375.7	309876.5	274909.4	219669.8	174970.9	132627.4	90796.4
-5°	240783.1	277819.1	295593.0	299387.0	295593.0	277819.1	240783.1	199744.4	159973.3	121278.3	82381.1
-7.5°	191591.5	217658.8	235652.9	242710.0	235652.9	217658.8	191591.5	163791.8	133112.1	100040.9	66599.7
-10°	149946.6	166779.1	175783.8	181771.5	175783.8	166779.1	149946.6	128082.9	104572.2	77337.1	49526.7
-12.5°	113055.4	125223.4	132285.5	135359.6	132285.5	125223.4	113055.4	96647.0	76289.1	55349.6	36773.0
-15°	80472.1	90100.5	94882.5	97927.4	94882.5	90100.5	80472.1	66259.2	52186.5	37570.3	24503.7
-17.5°	55134.1	62876.0	67288.7	70158.6	67288.7	62876.0	55134.1	44439.3	34721.0	24324.4	16435.3
-20°	35276.2	39886.0	43281.5	44270.9	43281.5	39886.0	35276.2	28583.0	22156.0	15603.1	11050.6



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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°	20610.8	23325.0	25034.9	25422.9	25034.9	23325.0	20610.8	16940.3	13133.7	9772.5	7266.8
-25°	11206.6	12389.1	13286.2	13590.1	13286.2	12389.1	11206.6	9619.8	7626.8	6545.8	5434.0
-27.5°	6881.9	7339.2	7670.5	7841.2	7670.5	7339.2	6881.9	6326.9	5533.0	5063.6	4531.8
-30°	5176.2	5384.8	5509.3	5592.7	5509.3	5384.8	5176.2	4891.5	4549.9	4255.6	3960.6
-32.5°	4249.9	4343.3	4399.5	4438.1	4399.5	4343.3	4249.9	4118.3	3932.7	3749.7	3592.1
-35°	3785.6	3846.2	3887.8	3908.4	3887.8	3846.2	3785.6	3701.5	3595.2	3482.3	3360.2
-37.5°	3505.9	3544.1	3571.8	3587.8	3571.8	3544.1	3505.9	3454.5	3385.3	3307.6	3160.8
-40°	3315.2	3342.0	3364.1	3388.9	3364.1	3342.0	3315.2	3276.9	3196.7	3089.5	2919.7
-42.5°	3141.3	3181.0	3201.0	3206.3	3201.0	3181.0	3141.3	3079.0	2954.8	2801.0	2593.6
-45°	2860.0	2970.5	3038.4	3060.2	3038.4	2970.5	2860.0	2719.8	2536.8	2327.3	2093.3
-47.5°	2267.6	2432.9	2557.8	2634.0	2557.8	2432.9	2267.6	2079.7	1875.3	1660.1	1440.9
-50°	1465.2	1500.2	1514.0	1505.7	1514.0	1500.2	1465.2	1427.0	1386.1	1343.1	1302.0
-52.5°	1288.8	1302.8	1314.5	1323.1	1314.5	1302.8	1288.8	1270.6	1247.6	1217.1	1182.5
-55°	1153.9	1169.7	1184.6	1197.3	1184.6	1169.7	1153.9	1132.4	1105.1	1069.5	1029.7
-57.5°	983.9	999.9	1005.9	1004.5	1005.9	999.9	983.9	963.7	939.5	909.8	875.5
-60°	825.2	836.6	845.1	850.3	845.1	836.6	825.2	810.6	792.8	769.1	741.4
-62.5°	692.0	701.9	712.9	722.4	712.9	701.9	692.0	678.6	661.7	639.0	611.5
-65°	565.1	575.6	584.0	590.5	584.0	575.6	565.1	552.4	537.3	518.2	494.9
-67.5°	472.0	484.5	493.8	501.2	493.8	484.5	472.0	457.9	442.2	422.9	398.9
-70°	378.7	391.1	398.5	403.8	398.5	391.1	378.7	365.0	350.0	331.7	307.6
-72.5°	266.8	275.8	280.0	282.1	280.0	275.8	266.8	256.1	243.8	228.0	206.2
-75°	134.2	138.5	142.6	146.1	142.6	138.5	134.2	129.1	123.3	116.1	106.4
-77.5°	78.4	82.6	85.1	87.3	85.1	82.6	78.4	74.1	69.8	65.2	59.4
-80°	56.1	58.5	60.7	62.9	60.7	58.5	56.1	53.5	50.8	47.9	44.2
-82.5°	38.3	40.5	41.6	42.6	41.6	40.5	38.3	36.1	33.9	31.6	29.2
-85°	30.3	32.4	33.5	34.5	33.5	32.4	30.3	28.2	26.1	23.9	21.3
-87.5°	24.6	26.5	27.4	28.4	27.4	26.5	24.6	22.7	20.7	18.7	16.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	21.3	16.7	12.2	11.7	11.1	10.6	10.1	9.6	9.1	8.6	8.1
87.5°	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
85°	4.0	4.0	4.1	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
82.5°	4.1	4.1	4.1	4.6	5.1	5.6	6.1	6.3	6.4	6.4	6.4
80°	4.9	5.2	5.4	5.4	5.6	5.8	6.2	6.7	7.2	7.6	7.8
77.5°	5.2	5.7	6.2	6.4	6.5	6.4	6.4	6.7	7.2	7.7	8.1
75°	6.5	6.8	7.3	8.0	8.3	8.1	7.9	7.8	7.8	7.9	8.1
72.5°	11.4	11.3	11.9	13.1	13.6	14.3	14.2	13.1	11.6	9.6	8.1
70°	15.9	17.0	19.4	23.0	25.4	26.5	26.0	24.1	20.7	18.1	14.5
67.5°	16.9	19.1	22.8	27.2	30.6	34.0	37.1	39.6	38.5	34.7	25.1
65°	14.9	17.2	20.1	23.4	27.7	33.2	40.6	45.1	47.6	48.2	40.0
62.5°	11.5	13.8	15.3	17.7	21.0	26.3	35.3	43.3	50.4	52.6	44.8
60°	8.9	10.1	11.2	12.6	14.4	19.4	28.7	38.3	48.4	48.6	45.1
57.5°	7.8	8.5	9.3	9.8	10.1	14.1	21.5	31.2	41.6	41.5	40.2
55°	7.9	8.5	9.0	9.6	10.1	11.7	14.8	21.2	29.8	32.0	31.8
52.5°	8.0	8.6	9.2	9.8	10.2	10.6	11.6	15.3	18.5	21.9	23.5
50°	8.2	8.8	9.4	9.9	10.3	10.2	10.6	11.6	13.5	15.6	17.1
47.5°	9.9	9.9	9.8	10.2	10.9	11.2	10.9	10.6	11.9	12.4	13.9
45°	13.6	12.9	11.7	12.2	12.3	12.5	12.4	13.0	12.6	12.7	12.2
42.5°	28.7	21.4	16.8	18.1	17.1	16.2	15.5	16.7	16.1	14.6	15.6
40°	40.5	44.5	37.8	31.9	29.2	24.0	23.4	22.2	21.3	18.8	21.6
37.5°	49.8	48.7	58.7	61.0	51.6	43.1	36.9	32.1	28.6	29.3	31.0
35°	80.5	77.6	80.7	84.9	82.6	75.5	60.3	47.8	41.7	42.5	42.4
32.5°	129.4	124.3	117.5	117.0	121.3	117.1	98.5	73.9	63.8	59.8	56.4
30°	194.6	184.2	168.0	166.1	174.9	165.4	145.4	128.1	105.9	80.5	72.5
27.5°	302.4	265.3	241.6	249.7	247.3	230.2	215.3	197.8	160.2	120.7	97.6
25°	484.5	413.4	384.8	371.2	345.8	330.8	307.7	277.0	232.4	182.6	159.9
22.5°	743.8	683.2	606.3	526.3	530.2	503.0	428.9	364.9	348.8	349.0	275.8
20°	1352.7	1143.9	940.9	912.4	870.5	741.2	589.1	579.1	635.6	583.8	431.4
17.5°	3141.8	2166.8	1736.8	1626.8	1395.8	1111.9	1061.9	1009.1	977.1	874.9	617.2
15°	6061.4	4434.0	3294.0	2689.1	2200.3	1915.6	1772.8	1500.3	1371.7	1198.6	894.1
12.5°	13562.3	8310.2	5057.7	4097.2	3377.3	2855.8	2557.9	2147.2	1820.1	1611.3	1308.0
10°	22819.9	13979.3	8422.5	5956.6	4741.5	3885.6	3286.4	2740.4	2292.8	2051.1	1734.3
7.5°	35649.1	21150.6	12229.4	7809.7	5989.7	4738.0	3880.7	3254.9	2749.1	2479.8	2163.9
5°	45975.7	26691.1	14723.9	9275.9	7073.7	5566.2	4481.0	3719.5	3188.5	2896.2	2585.5
2.5°	52205.3	29689.8	16401.5	10589.0	8016.2	6270.8	5001.2	4070.4	3501.5	3138.8	2800.0
0°	55852.1	32024.2	18054.6	11209.8	8533.2	6678.4	5385.7	4326.4	3748.1	3336.1	2985.1
-2.5°	53574.2	31603.0	17480.2	10838.7	8182.5	6501.2	5332.1	4405.6	3839.6	3404.1	2993.2
-5°	48076.9	27419.6	15496.6	9989.3	7611.7	6105.2	5088.6	4327.0	3817.3	3415.3	2963.0
-7.5°	39765.2	22597.9	13209.4	8959.8	6917.2	5596.8	4717.3	4066.3	3587.0	3236.8	2779.4
-10°	29465.8	17325.9	10765.7	7734.3	6120.3	5050.2	4333.8	3769.9	3352.3	3050.9	2567.5
-12.5°	22136.9	12970.5	8259.9	6391.5	5267.8	4506.7	3973.2	3457.7	3119.9	2862.4	2332.8
-15°	14749.9	9773.7	6979.6	5484.3	4578.0	4031.4	3636.9	3196.1	2945.1	2682.9	2079.6
-17.5°	10858.8	7372.8	5645.0	4718.5	4080.3	3653.9	3328.6	3009.4	2766.8	2455.8	1810.6
-20°	7588.8	5872.5	4855.5	4144.0	3666.0	3346.9	3052.4	2812.9	2569.4	2136.7	1538.0



REPORT NUMBER: P1306407 (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°	5848.5	4995.3	4274.2	3681.0	3315.3	3067.4	2836.0	2617.8	2354.6	1800.0	1271.3
-25°	4865.1	4347.9	3866.8	3460.5	3066.9	2809.6	2638.3	2431.9	2030.9	1481.9	1045.0
-27.5°	4180.5	3849.6	3625.0	3254.3	2899.1	2631.1	2450.3	2222.4	1712.8	1240.1	1000.5
-30°	3706.5	3534.3	3322.7	3010.6	2710.9	2483.4	2293.5	1880.7	1431.0	1052.6	976.8
-32.5°	3403.3	3250.9	3028.3	2747.3	2518.7	2361.0	1998.9	1556.5	1148.9	1025.9	943.6
-35°	3208.6	2991.9	2744.4	2550.1	2402.2	2076.0	1676.6	1254.5	1068.6	992.2	904.9
-37.5°	2956.7	2727.0	2561.1	2383.3	2083.4	1727.3	1311.9	1122.6	1038.6	947.9	854.1
-40°	2719.7	2540.7	2280.9	2013.2	1669.3	1293.1	1173.1	1100.0	998.9	894.2	795.3
-42.5°	2360.2	2123.3	1845.0	1520.2	1259.6	1211.0	1149.3	1049.7	944.3	833.5	734.0
-45°	1835.6	1571.0	1325.0	1275.0	1226.8	1158.5	1085.2	978.4	868.0	765.9	669.7
-47.5°	1358.8	1309.2	1266.3	1212.0	1142.1	1069.1	981.5	885.3	786.2	693.1	617.2
-50°	1261.2	1213.5	1161.6	1102.6	1027.4	948.2	869.0	789.1	704.8	631.7	559.4
-52.5°	1142.1	1087.0	1027.8	964.9	898.9	828.4	757.6	699.3	634.1	563.9	494.8
-55°	985.9	938.1	885.8	830.0	774.0	722.6	670.0	614.6	554.9	489.9	428.0
-57.5°	836.6	796.0	756.7	715.9	674.0	624.9	573.2	521.7	470.5	413.1	359.7
-60°	710.8	677.5	640.5	601.2	559.9	516.2	472.1	427.1	381.3	343.7	304.7
-62.5°	580.7	546.4	516.2	484.6	448.7	409.4	374.6	345.3	315.1	282.5	244.5
-65°	468.4	438.5	409.1	381.9	354.0	325.8	300.7	273.3	244.3	214.3	180.9
-67.5°	372.7	344.1	319.2	296.2	271.2	243.7	219.2	194.8	173.3	151.7	125.2
-70°	282.5	256.4	232.7	210.2	186.9	165.2	147.8	130.8	112.4	95.7	78.1
-72.5°	184.2	162.3	142.9	126.9	111.7	100.1	88.7	76.6	63.9	50.6	40.7
-75°	95.9	84.8	74.4	66.4	57.5	48.0	43.3	41.1	38.6	35.8	32.6
-77.5°	53.7	48.2	43.7	41.7	39.6	37.4	35.1	32.8	30.5	28.4	26.3
-80°	40.4	36.6	33.1	31.5	29.9	28.4	27.0	25.4	23.8	22.3	21.1
-82.5°	26.7	24.1	21.5	20.9	20.3	19.6	18.8	18.2	17.6	17.2	16.9
-85°	18.6	16.0	13.4	13.3	13.1	12.9	12.7	12.8	12.8	12.8	12.6
-87.5°	14.6	12.5	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.7	9.5
-90°	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1



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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°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	6.4	6.7	7.0	7.2	7.4	7.6	7.8	8.1	8.1	8.1	8.1
85°	6.6	7.1	7.6	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	6.7	7.1	7.6	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	7.7	7.7	7.9	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.3	8.6	8.7	8.4	8.1	8.1	8.1	8.1
70°	11.1	8.6	8.1	8.3	8.7	9.3	9.2	8.7	8.1	8.1	8.1
67.5°	16.4	12.5	9.8	8.3	8.3	8.9	9.8	9.5	8.8	8.1	8.1
65°	28.7	19.2	12.0	10.0	8.6	8.3	9.1	9.9	9.5	8.7	8.1
62.5°	36.9	28.3	19.3	12.8	9.5	8.4	8.3	9.4	10.0	9.4	8.5
60°	40.6	32.5	26.0	19.1	12.4	8.6	8.2	8.9	9.7	10.0	9.0
57.5°	37.1	34.6	29.6	24.1	17.6	11.0	8.4	8.8	9.5	10.0	9.5
55°	31.4	30.4	31.2	27.0	21.6	15.1	9.7	8.9	9.4	9.9	10.0
52.5°	23.3	26.7	29.6	28.7	23.9	18.6	12.9	9.0	9.5	9.9	10.1
50°	17.2	22.2	27.7	29.0	25.8	20.6	15.6	11.0	9.6	10.0	10.2
47.5°	15.9	20.1	24.7	29.3	27.5	22.6	17.5	12.7	9.7	10.1	10.4
45°	16.4	19.9	23.3	27.4	29.3	24.1	19.2	14.0	10.7	10.3	10.6
42.5°	18.1	21.3	23.8	26.1	28.0	25.1	20.7	15.3	11.4	10.5	10.8
40°	23.5	23.9	25.3	27.5	27.1	25.7	21.4	16.6	11.9	11.0	11.1
37.5°	30.5	29.3	28.5	31.6	28.2	25.7	21.7	17.8	13.2	11.9	11.4
35°	40.8	37.3	35.5	38.0	34.0	26.4	21.6	18.5	15.3	12.8	11.8
32.5°	52.5	50.2	48.1	45.5	42.1	27.8	22.2	20.3	17.5	13.8	12.2
30°	70.6	73.4	63.5	53.9	51.2	35.3	25.0	22.5	19.7	14.7	12.7
27.5°	110.4	103.9	83.0	67.5	59.2	45.5	31.2	25.1	22.0	16.1	13.5
25°	161.8	144.4	113.0	84.1	67.9	73.7	38.5	28.3	24.3	17.9	14.3
22.5°	223.8	193.9	147.9	102.3	107.2	110.6	54.1	34.1	26.6	19.8	15.1
20°	293.7	250.9	199.5	170.1	156.6	145.7	81.2	40.5	29.2	21.6	15.9
17.5°	381.7	357.3	324.0	258.8	212.9	184.5	113.0	47.4	31.9	23.4	16.7
15°	625.0	521.0	462.0	357.9	273.1	226.3	148.3	54.6	34.8	25.2	17.6
12.5°	918.5	687.9	610.0	465.1	336.2	270.2	186.0	61.9	37.6	27.2	18.7
10°	1232.7	856.9	764.7	577.5	401.1	315.6	224.8	71.0	42.4	29.3	19.9
7.5°	1557.3	1026.6	922.8	692.3	465.5	360.8	267.5	83.6	47.7	31.3	21.1
5°	1849.9	1169.7	1049.6	789.9	523.3	404.2	309.2	96.2	52.9	33.2	22.3
2.5°	1990.9	1269.8	1150.1	879.8	578.8	445.7	347.6	108.3	58.1	34.9	23.4
0°	2102.3	1365.7	1241.9	961.9	631.1	485.0	381.5	119.7	62.9	36.5	24.4
-2.5°	2113.1	1363.3	1229.6	960.7	649.7	500.6	388.7	137.1	77.3	46.3	29.1
-5°	2091.3	1355.4	1209.2	951.1	664.0	513.1	390.6	153.2	91.1	55.7	33.5
-7.5°	1968.0	1310.4	1169.5	932.2	673.9	522.0	387.9	167.8	103.9	64.5	37.6
-10°	1799.3	1242.1	1106.0	889.8	662.9	520.8	380.9	181.0	115.6	72.4	41.2
-12.5°	1602.7	1172.3	1041.9	844.3	645.4	511.1	368.7	192.9	126.1	79.1	44.2
-15°	1379.5	1102.1	979.2	797.3	624.7	499.5	355.1	203.3	135.6	85.4	46.5
-17.5°	1138.6	1032.4	919.9	750.3	601.2	486.4	340.8	211.6	143.8	91.2	49.1
-20°	1065.6	978.5	864.1	704.6	575.2	472.2	326.9	217.7	150.6	95.5	51.6



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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°	1023.8	935.5	814.9	669.2	550.5	456.9	313.9	221.6	155.8	98.3	52.9
-25°	983.1	892.1	767.8	638.2	530.3	435.0	309.1	223.1	159.4	99.4	53.0
-27.5°	936.7	845.9	720.9	604.9	511.0	416.7	309.3	226.2	161.0	98.7	51.9
-30°	888.7	792.8	679.7	572.5	489.7	394.5	306.5	227.3	159.9	97.1	49.3
-32.5°	849.4	741.5	638.2	547.1	464.1	371.3	294.9	226.2	156.3	94.0	47.4
-35°	801.9	695.7	596.2	519.9	436.2	352.1	279.3	223.0	150.1	88.9	45.0
-37.5°	750.7	650.2	564.9	489.8	407.4	330.3	265.0	208.0	141.4	81.8	41.4
-40°	697.7	606.9	532.3	457.5	379.9	305.9	248.7	189.6	131.2	72.7	36.6
-42.5°	642.2	567.8	494.8	423.8	350.6	285.7	230.0	169.3	115.2	64.6	30.7
-45°	595.8	524.0	453.1	385.8	319.8	263.5	205.4	147.5	97.4	56.4	26.2
-47.5°	544.6	474.8	408.7	345.3	292.5	237.7	178.7	126.0	78.4	46.5	24.9
-50°	487.3	423.1	362.1	309.0	261.3	205.7	150.7	103.0	64.7	34.4	23.4
-52.5°	429.5	370.0	318.9	273.1	223.6	171.4	123.5	79.6	50.4	28.9	21.6
-55°	369.4	321.3	278.0	231.6	183.2	138.2	94.7	62.8	35.4	26.3	19.7
-57.5°	317.2	275.3	231.3	186.5	144.3	104.2	71.4	45.4	29.6	23.5	18.5
-60°	265.0	222.8	181.3	143.0	105.8	75.2	51.3	32.1	26.4	20.9	17.1
-62.5°	206.3	168.9	133.9	99.9	73.9	52.3	33.6	28.4	23.1	19.3	15.6
-65°	150.5	118.8	87.3	67.9	48.4	33.8	29.5	24.7	20.9	17.5	14.3
-67.5°	97.4	76.9	57.4	39.8	33.0	29.2	25.3	22.0	18.9	15.7	13.2
-70°	60.1	43.0	35.0	31.4	28.0	24.7	22.4	19.7	16.8	14.5	12.2
-72.5°	36.7	32.8	29.1	26.0	23.9	21.9	19.8	17.6	15.4	13.3	11.1
-75°	29.3	26.8	24.6	22.6	20.8	19.0	17.5	16.0	14.0	12.0	10.7
-77.5°	24.4	22.6	20.9	19.3	17.9	16.6	15.5	14.4	12.7	11.4	10.5
-80°	19.9	18.6	17.2	15.9	15.0	14.2	13.5	12.8	11.6	10.8	10.3
-82.5°	15.8	14.8	13.8	13.0	12.6	12.1	11.7	11.2	10.5	10.1	9.9
-85°	12.1	11.5	11.1	10.7	10.4	10.1	9.9	9.8	9.6	9.5	9.3
-87.5°	9.5	9.4	9.3	9.2	9.2	9.1	9.0	8.9	8.9	8.8	8.7
-90°	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1	8.1	8.1	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
67.5°	8.2	8.1	8.1	8.1	8.1	8.1	8.1
65°	8.2	8.2	8.1	8.1	8.1	8.1	8.1
62.5°	8.3	8.3	8.1	8.1	8.1	8.1	8.1
60°	8.5	8.5	8.1	8.1	8.1	8.1	8.1
57.5°	8.9	8.7	8.3	8.1	8.1	8.1	8.1
55°	9.2	8.9	8.5	8.1	8.2	8.1	8.1
52.5°	9.6	9.1	8.7	8.1	8.2	8.1	8.1
50°	9.9	9.4	8.9	8.1	8.2	8.1	8.1
47.5°	10.1	9.6	9.2	8.1	8.3	8.1	8.1
45°	10.3	9.7	9.4	8.3	8.3	8.1	8.1
42.5°	10.5	9.9	9.6	8.5	8.4	8.1	8.1
40°	10.7	10.0	9.8	8.7	8.5	8.1	8.1
37.5°	11.0	10.1	9.9	9.0	8.6	8.1	8.1
35°	11.3	10.2	10.0	9.2	8.6	8.1	8.1
32.5°	11.6	10.5	10.0	9.3	8.7	8.1	8.1
30°	11.9	10.7	10.1	9.5	8.8	8.1	8.1
27.5°	12.3	10.9	10.1	9.6	8.9	8.1	8.1
25°	12.6	11.2	10.1	9.7	9.0	8.1	8.1
22.5°	13.0	11.4	10.1	9.8	9.1	8.1	8.1
20°	13.4	11.6	10.1	9.9	9.3	8.1	8.1
17.5°	13.6	11.7	10.1	10.0	9.4	8.1	8.1
15°	13.8	11.8	10.1	10.0	9.5	8.1	8.1
12.5°	13.9	11.9	10.1	10.1	9.6	8.1	8.1
10°	14.0	12.0	10.1	10.1	9.7	8.1	8.1
7.5°	14.1	12.1	10.1	10.1	9.8	8.1	8.1
5°	14.2	12.2	10.1	10.1	9.9	8.1	8.1
2.5°	14.2	12.2	10.1	10.1	10.0	8.1	8.1
0°	14.2	12.2	10.1	10.1	10.1	8.1	8.1
-2.5°	16.1	12.6	10.3	10.1	10.1	8.1	8.1
-5°	17.9	13.0	10.5	10.1	10.1	8.1	8.1
-7.5°	19.6	13.4	10.6	10.1	10.1	8.1	8.1
-10°	21.1	13.7	10.8	10.1	10.0	8.1	8.1
-12.5°	22.4	14.0	10.9	10.1	10.0	8.1	8.1
-15°	23.4	14.2	11.0	10.1	10.0	8.1	8.1
-17.5°	24.0	14.4	11.1	10.1	9.9	8.1	8.1
-20°	24.7	14.5	11.2	10.1	9.9	8.1	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.5	14.6	11.2	10.1	9.8	8.1	8.1
-25°	25.6	14.7	11.2	10.1	9.7	8.1	8.1
-27.5°	25.1	14.8	11.2	10.1	9.6	8.1	8.1
-30°	23.8	14.8	11.1	10.1	9.6	8.1	8.1
-32.5°	21.7	14.7	11.1	10.1	9.5	8.1	8.1
-35°	20.9	14.5	11.1	10.1	9.4	8.1	8.1
-37.5°	20.5	14.2	11.0	10.1	9.3	8.1	8.1
-40°	20.0	14.1	10.9	10.1	9.2	8.1	8.1
-42.5°	19.3	13.9	10.8	10.1	9.0	8.1	8.1
-45°	18.5	13.6	10.8	10.1	8.9	8.1	8.1
-47.5°	17.4	13.2	10.8	10.1	8.8	8.1	8.1
-50°	16.7	12.8	10.7	10.0	8.7	8.1	8.1
-52.5°	16.0	12.3	10.6	9.8	8.5	8.1	8.1
-55°	15.2	12.0	10.5	9.6	8.4	8.1	8.1
-57.5°	14.3	11.6	10.3	9.4	8.2	8.1	8.1
-60°	13.3	11.3	10.1	9.2	8.1	8.1	8.1
-62.5°	12.7	10.8	9.9	9.1	8.1	8.1	8.1
-65°	11.9	10.4	9.7	8.9	8.1	8.1	8.1
-67.5°	11.1	10.0	9.6	8.7	8.1	8.1	8.1
-70°	10.2	9.9	9.4	8.5	8.1	8.1	8.1
-72.5°	10.1	9.8	9.2	8.5	8.1	8.1	8.1
-75°	10.1	9.7	9.1	8.4	8.1	8.1	8.1
-77.5°	10.1	9.6	8.9	8.4	8.1	8.1	8.1
-80°	10.1	9.4	8.8	8.3	8.1	8.1	8.1
-82.5°	9.6	9.1	8.6	8.3	8.1	8.1	8.1
-85°	9.1	8.7	8.4	8.2	8.1	8.1	8.1
-87.5°	8.6	8.4	8.3	8.2	8.1	8.1	8.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1

(END OF REPORT)