

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: P1306006 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1306006 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-40-70-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

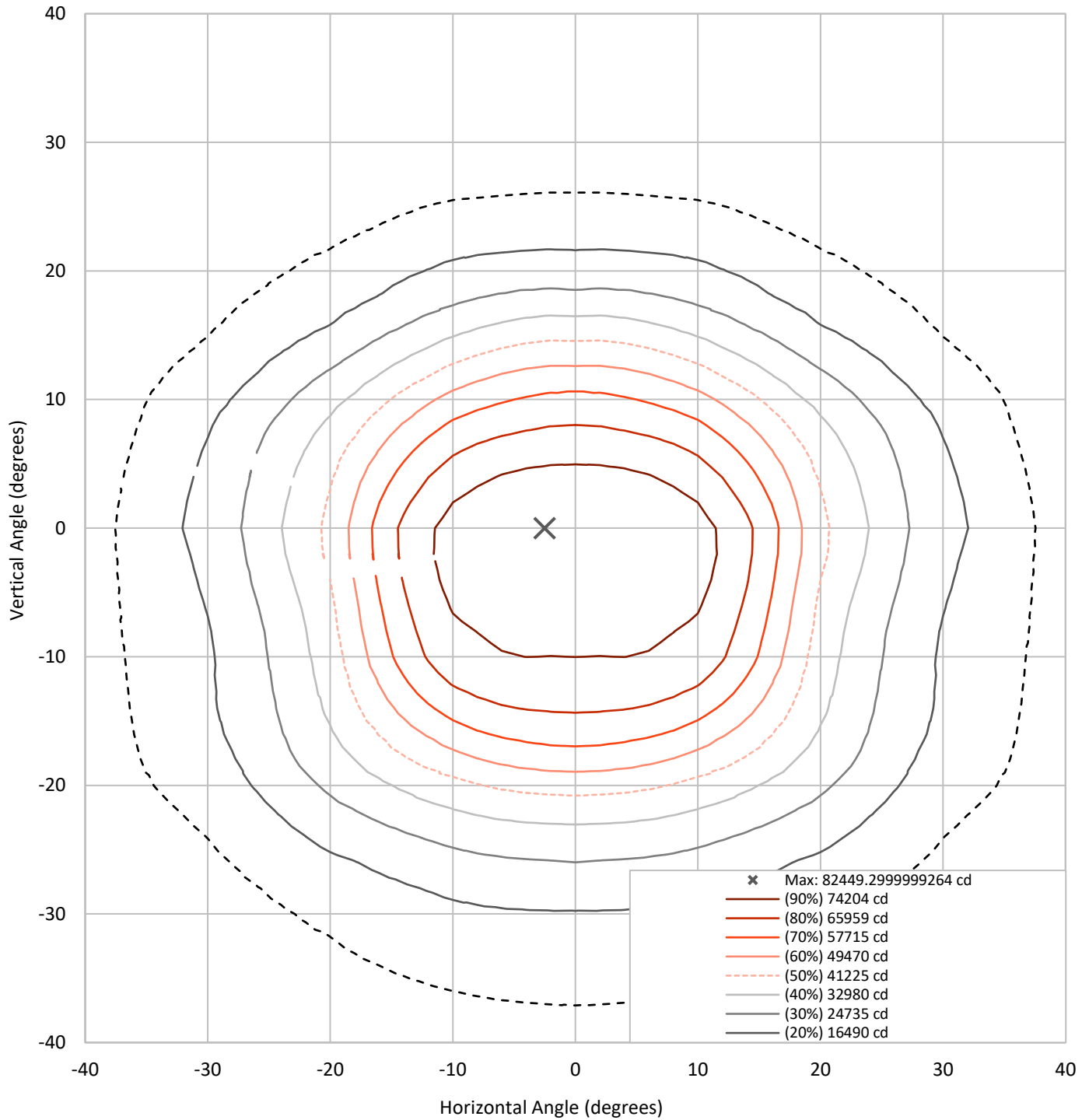
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	40691 lumens	Max Intensity:	82449.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	121.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	22380.9 lumens	Field Lumens:	37277.6 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

Input Watts (W): 334  
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





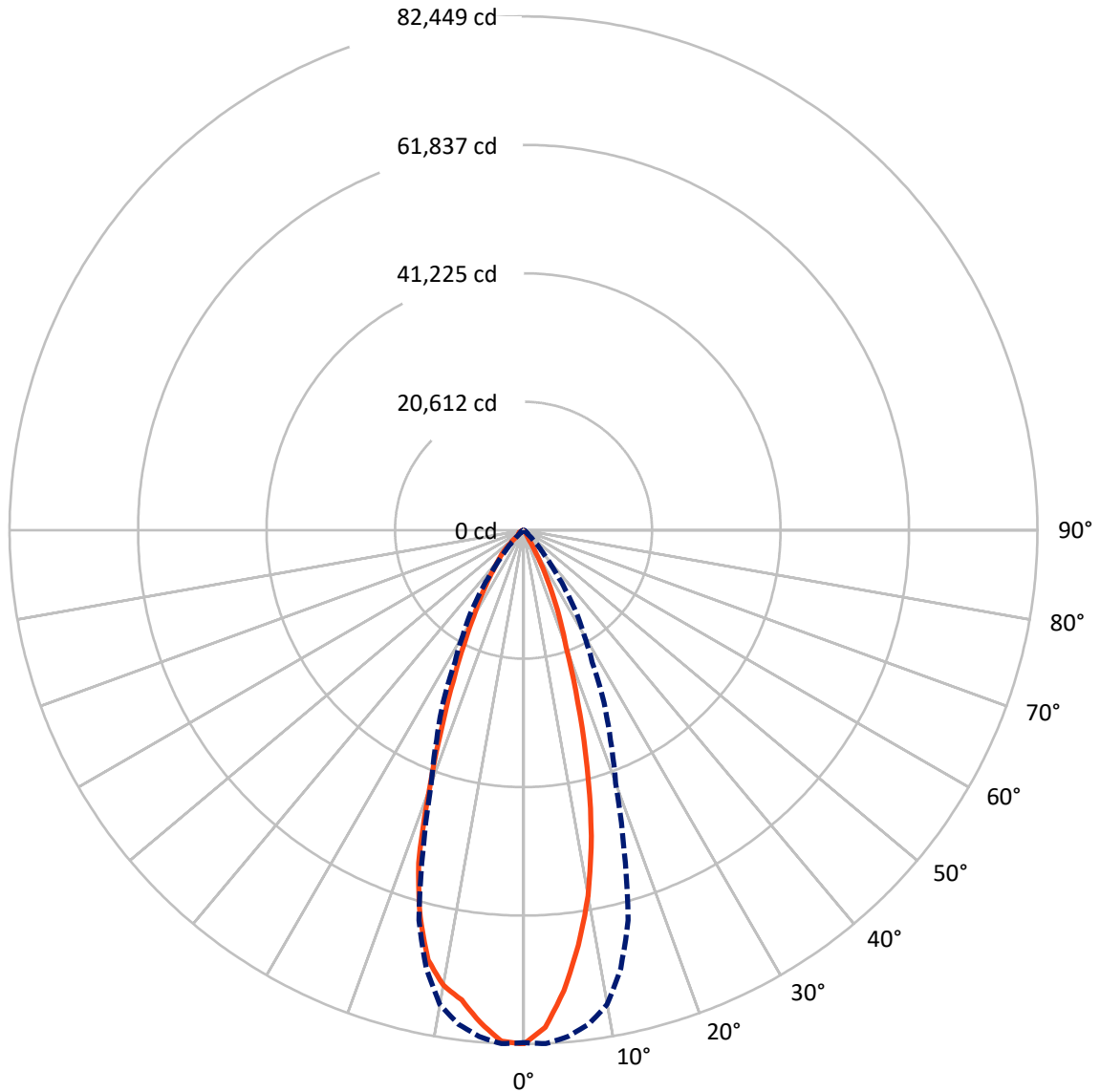
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### Lumen Table

90																			
80	0.1	0.3		0.4	0.4		0.3	0.4		0.4	0.3		0.1						
70	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.2	0.1				
50	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.2	1.2	1.0	0.7	0.5	0.4	0.2	0.1	0.1			
40		0.1	0.5	1.2	3.3	9.1	15.8	20.2	20.2	15.8	9.1	3.3	1.2	0.5	0.1				
30	0.1	0.2	1.8	6.2	36.1	103.9	211.1	304.8	304.8	211.1	103.9	36.1	6.2	1.8	0.2	0.1			
20		0.5	3.8	20.3	128.5	376.6	771.9	1140.4	1140.4	771.9	376.6	128.5	20.3	3.8	0.5				
10	0.2	0.9	6.5	44.1	264.4	755.1	1581.1	2157.9	2157.9	1581.1	755.1	264.4	44.1	6.5	0.9	0.2			
0		1.5	8.9	53.3	276.8	773.3	1774.4	2365.0	2365.0	1774.4	773.3	276.8	53.3	8.9	1.5				
-10	0.2	1.7	9.2	42.8	235.0	636.6	1340.7	1846.3	1846.3	1340.7	636.6	235.0	42.8	9.2	1.7	0.2			
-20		1.5	7.5	20.1	117.9	340.7	626.5	822.6	822.6	626.5	340.7	117.9	20.1	7.5	1.5				
-30	0.2	1.2	5.2	11.7	34.4	128.4	236.2	308.1	308.1	236.2	128.4	34.4	11.7	5.2	1.2	0.2			
-40		0.7	3.1	8.3	15.2	28.5	64.2	96.8	96.8	64.2	28.5	15.2	8.3	3.1	0.7				
-50	0.1	0.3	1.6	4.6	9.7	16.0	21.9	25.4	25.4	21.9	16.0	9.7	4.6	1.6	0.3	0.1			
-60		0.2	0.6	1.8	4.0	7.1	10.7	12.7	12.7	10.7	7.1	4.0	1.8	0.6	0.2				
-70	0.1	0.5		1.5		3.8		5.4		3.8		1.5		0.5		0.1			
-80		0.5		1.5		3.8		5.4		3.8		1.5		0.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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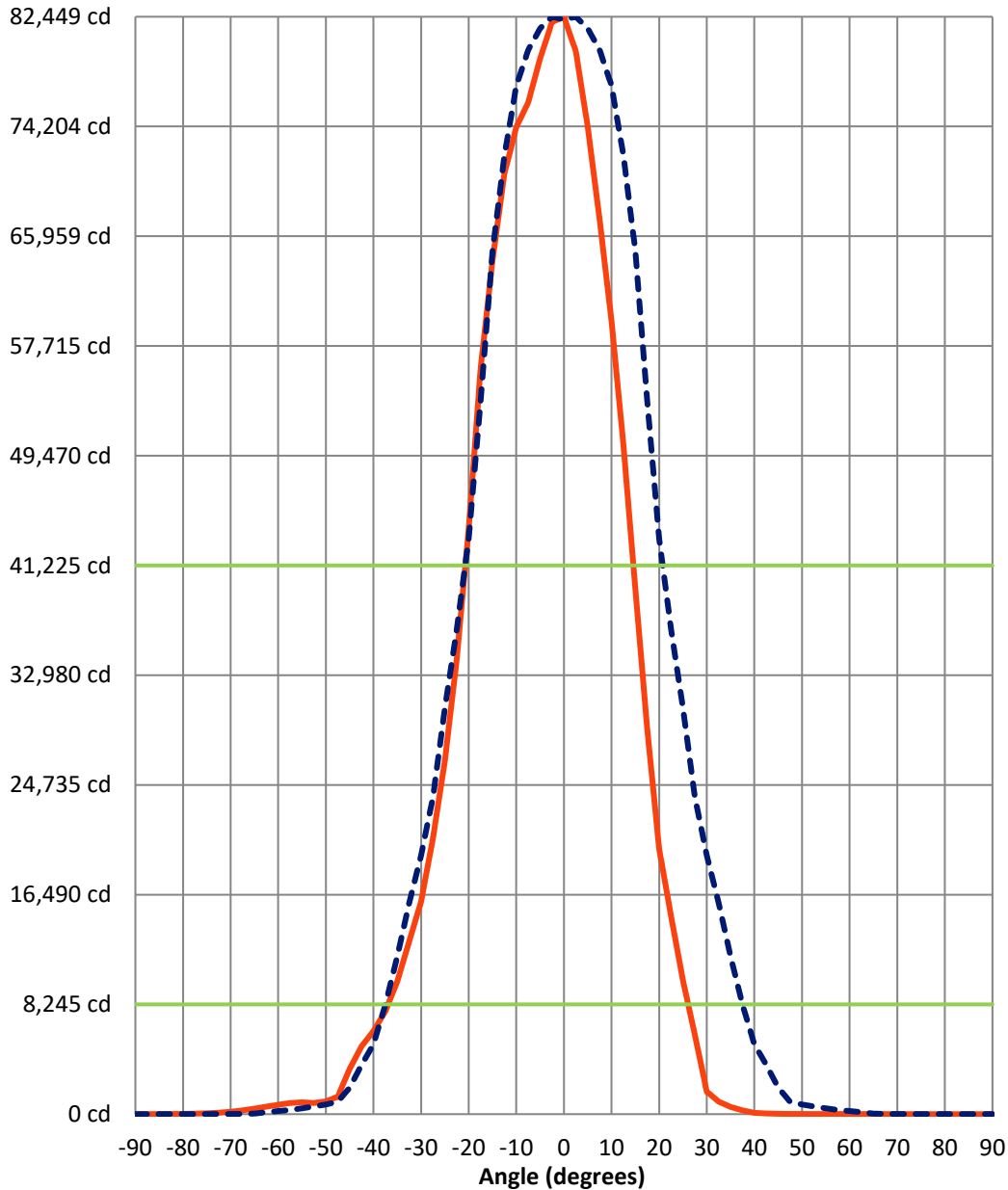
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.5°  
 V Angle: 35.3°  
 Lumens: 22380.9  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 37277.6  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 3413.4  
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.8
72.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	5.1	5.1	4.9
70°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	5.3	5.3	5.3
67.5°	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.5	5.6	5.5	5.7
65°	4.8	4.8	4.8	4.8	4.8	4.9	5.4	5.8	5.7	5.8	6.0
62.5°	4.8	4.8	4.8	4.8	4.8	5.2	5.7	5.9	5.9	6.0	6.0
60°	4.8	4.8	4.8	4.8	4.8	5.4	6.0	6.0	6.0	6.0	6.0
57.5°	4.8	4.8	4.8	4.8	5.0	5.6	6.0	6.0	6.0	6.0	6.0
55°	4.8	4.8	4.8	4.8	5.1	5.8	6.0	6.0	6.0	6.0	6.0
52.5°	4.8	4.8	4.8	4.8	5.3	6.0	6.0	6.0	6.0	6.0	6.0
50°	4.8	4.8	4.8	4.8	5.5	6.0	6.0	6.0	6.0	6.0	6.4
47.5°	4.8	4.8	4.8	4.8	5.6	6.0	6.0	6.0	6.0	6.0	6.8
45°	4.8	4.8	4.8	4.9	5.8	6.0	6.0	6.0	6.0	6.3	7.1
42.5°	4.8	4.8	4.8	5.1	5.9	6.0	6.0	6.0	6.1	6.7	7.5
40°	4.8	4.8	4.8	5.1	6.0	6.0	6.0	6.1	6.3	7.0	7.9
37.5°	4.8	4.8	4.8	5.2	6.0	6.0	6.0	6.3	6.7	7.4	8.2
35°	4.8	4.8	4.8	5.3	6.0	6.0	6.0	6.4	7.0	7.8	8.5
32.5°	4.8	4.8	4.8	5.3	6.0	6.0	6.0	6.6	7.3	8.3	9.1
30°	4.8	4.8	4.8	5.3	6.0	6.0	6.2	6.8	7.6	8.8	9.8
27.5°	4.8	4.8	4.8	5.4	6.0	6.0	6.3	7.0	8.0	9.3	10.6
25°	4.8	4.8	4.8	5.3	5.9	6.0	6.4	7.3	8.4	9.9	11.5
22.5°	4.8	4.8	4.8	5.3	5.9	6.0	6.6	7.5	8.8	10.6	13.6
20°	4.8	4.8	4.8	5.3	5.9	6.0	6.7	7.7	9.2	11.3	15.6
17.5°	4.8	4.8	4.8	5.3	5.9	6.0	6.9	7.9	9.6	12.0	17.7
15°	4.8	4.8	4.8	5.2	5.9	6.0	6.9	8.1	10.0	12.8	19.8
12.5°	4.8	4.8	4.8	5.2	5.9	6.0	7.0	8.2	10.4	13.5	21.8
10°	4.8	4.8	4.8	5.1	6.0	6.0	7.1	8.3	10.8	14.6	24.6
7.5°	4.8	4.8	4.8	5.0	6.0	6.0	7.1	8.3	11.1	15.8	29.0
5°	4.8	4.8	4.8	5.0	6.0	6.0	7.2	8.4	11.5	17.0	33.5
2.5°	4.8	4.8	4.8	4.9	6.0	6.0	7.2	8.4	11.8	18.1	38.0
0°	4.8	4.8	4.8	4.8	6.0	6.0	7.2	8.4	12.0	19.2	42.1
-2.5°	4.8	4.8	4.8	4.9	6.0	6.3	7.7	9.5	15.2	26.3	54.4
-5°	4.8	4.8	4.8	5.0	6.0	6.5	8.1	10.6	18.3	33.1	65.9
-7.5°	4.8	4.8	4.8	5.0	6.0	6.8	8.6	11.6	21.1	39.4	76.4
-10°	4.8	4.8	4.8	5.1	6.0	7.0	8.9	12.5	23.6	44.9	85.5
-12.5°	4.8	4.8	4.8	5.2	5.9	7.2	9.3	13.3	25.6	49.5	91.9
-15°	4.8	4.8	4.8	5.2	5.9	7.3	9.6	14.0	27.5	53.4	96.2
-17.5°	4.8	4.8	4.8	5.3	5.9	7.4	9.9	15.0	29.5	56.3	99.1
-20°	4.8	4.8	4.8	5.3	5.9	7.4	10.2	16.0	30.7	58.1	100.5



REPORT NUMBER: P1306006 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.8	4.8	4.8	5.3	5.9	7.4	10.5	16.8	31.2	58.6	100.1
-25°	4.8	4.8	4.8	5.3	5.9	7.4	10.7	17.2	30.9	57.9	98.1
-27.5°	4.8	4.8	4.8	5.4	6.0	7.3	10.7	17.3	29.7	56.4	97.0
-30°	4.8	4.8	4.8	5.3	6.0	7.2	10.6	16.9	29.0	55.0	94.1
-32.5°	4.8	4.8	4.8	5.3	6.1	7.0	10.2	16.6	28.6	52.4	89.4
-35°	4.8	4.8	4.8	5.3	6.1	6.8	9.9	16.2	27.6	48.4	82.7
-37.5°	4.8	4.8	4.8	5.2	6.2	6.6	9.6	15.4	26.0	43.3	73.0
-40°	4.8	4.8	4.8	5.1	6.2	6.7	9.2	14.3	23.7	39.8	63.9
-42.5°	4.8	4.8	4.8	5.1	6.1	6.7	8.7	12.9	21.8	35.7	54.4
-45°	4.8	4.8	4.8	5.0	6.0	6.7	8.2	11.7	19.8	31.2	45.2
-47.5°	4.8	4.8	4.8	4.9	5.9	6.7	7.6	10.9	17.3	26.3	39.7
-50°	4.8	4.8	4.8	4.9	5.8	6.7	7.4	10.1	14.3	22.8	33.9
-52.5°	4.8	4.8	4.8	4.9	5.7	6.6	7.4	9.2	12.5	19.1	27.9
-55°	4.8	4.8	4.8	4.9	5.5	6.5	7.3	8.2	11.2	15.1	23.3
-57.5°	4.8	4.8	4.8	5.0	5.4	6.3	7.1	8.0	9.8	12.9	18.3
-60°	4.8	4.8	4.8	5.0	5.2	6.1	6.9	7.8	8.6	11.2	14.2
-62.5°	4.8	4.8	4.8	5.0	5.3	5.9	6.7	7.5	8.3	9.4	12.2
-65°	4.8	4.8	4.8	5.0	5.3	5.7	6.5	7.2	8.0	8.7	10.0
-67.5°	4.8	4.8	4.8	5.0	5.3	5.6	6.2	6.9	7.6	8.4	9.1
-70°	4.8	4.8	4.8	5.0	5.3	5.6	5.9	6.6	7.3	8.0	8.6
-72.5°	4.8	4.8	4.8	5.0	5.3	5.6	5.9	6.3	6.9	7.6	8.2
-75°	4.8	4.8	4.8	5.0	5.4	5.7	5.9	6.2	6.6	7.1	7.7
-77.5°	4.8	4.8	4.8	5.0	5.3	5.7	6.0	6.1	6.4	6.8	7.3
-80°	4.8	4.8	4.8	4.9	5.2	5.6	6.0	6.1	6.2	6.5	6.8
-82.5°	4.8	4.8	4.8	4.9	5.1	5.4	5.7	5.9	6.0	6.1	6.3
-85°	4.8	4.8	4.8	4.9	5.0	5.2	5.4	5.5	5.6	5.7	5.8
-87.5°	4.8	4.8	4.8	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.3
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



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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°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.6	3.6	3.6	3.6
87.5°	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.3	3.0	2.7
85°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.6	3.4	3.3	3.2
82.5°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.6	3.6	3.6	3.6
80°	4.8	4.8	4.8	4.8	4.6	4.3	4.0	3.7	3.6	3.6	3.7
77.5°	4.8	4.8	4.8	4.8	4.6	4.4	4.3	4.3	4.3	4.2	4.0
75°	4.8	4.8	4.9	4.8	4.7	4.7	4.8	4.8	4.6	4.3	4.0
72.5°	5.0	5.1	5.1	4.9	4.8	4.8	4.8	4.8	4.9	5.0	4.9
70°	5.5	5.5	5.3	5.0	4.8	4.9	5.4	6.1	6.7	6.6	6.5
67.5°	5.9	5.6	5.3	5.1	5.3	5.9	6.6	7.6	8.5	8.5	8.8
65°	6.0	5.7	5.5	5.7	6.0	7.0	8.1	9.2	11.7	13.3	14.1
62.5°	6.0	5.8	5.9	6.3	7.2	8.4	10.0	12.9	16.9	19.1	18.5
60°	6.0	6.0	6.4	7.3	8.3	9.5	12.1	16.1	21.4	25.2	22.9
57.5°	6.0	6.3	7.1	8.1	8.9	10.0	13.5	18.5	24.6	31.3	27.2
55°	6.2	6.8	7.7	8.6	9.5	10.3	14.0	19.7	26.7	30.7	26.7
52.5°	6.6	7.3	8.2	9.1	10.0	10.9	13.7	19.2	23.3	26.4	24.5
50°	7.1	7.8	8.6	9.6	10.6	11.6	12.1	16.6	19.9	21.3	21.2
47.5°	7.5	8.3	9.0	10.1	11.5	12.3	12.3	14.5	17.0	18.5	17.2
45°	7.9	8.7	9.5	11.0	12.5	13.3	14.0	13.5	17.3	18.4	17.6
42.5°	8.4	9.2	10.6	12.0	13.8	15.8	16.9	18.3	20.2	22.0	21.6
40°	8.7	9.6	12.0	14.9	16.2	19.8	23.4	25.6	26.4	28.1	28.1
37.5°	9.1	11.1	14.8	20.8	20.9	26.4	31.5	36.5	38.0	35.2	40.0
35°	9.5	12.8	22.5	29.7	30.8	35.0	43.4	51.2	55.8	53.2	57.6
32.5°	10.6	14.7	32.4	39.9	47.4	51.2	57.2	73.9	90.1	95.0	86.5
30°	12.5	23.8	43.8	51.2	68.8	80.4	84.0	106.5	140.4	169.8	228.0
27.5°	14.8	34.9	54.4	70.2	95.6	116.4	125.5	162.4	220.1	297.9	465.3
25°	17.3	46.6	65.6	94.4	130.6	154.8	169.6	221.8	318.5	567.0	879.9
22.5°	23.5	58.6	79.8	121.4	170.1	191.1	222.5	293.5	456.0	869.0	1388.0
20°	33.0	69.8	100.0	148.0	212.5	225.8	271.3	362.4	644.1	1269.7	1893.3
17.5°	42.4	82.5	122.1	179.4	245.0	271.9	318.6	425.1	801.9	1771.8	2549.2
15°	51.5	96.3	143.0	211.2	283.1	336.2	407.6	566.3	1103.6	2366.4	3417.5
12.5°	60.1	110.8	162.5	242.9	327.2	404.4	509.8	796.4	1641.6	3061.0	4629.9
10°	68.1	125.6	180.7	273.9	375.4	475.0	615.6	1048.2	2185.3	3665.5	5589.8
7.5°	86.8	148.1	200.9	303.4	426.0	546.5	722.4	1310.2	2676.1	4177.0	6392.0
5°	107.5	178.4	239.7	349.8	479.2	613.7	820.3	1569.7	3106.3	4598.4	7114.5
2.5°	127.7	207.8	277.4	395.9	530.2	672.2	880.8	1795.9	3443.9	4954.9	7738.0
0°	146.6	235.5	313.6	438.6	576.7	725.7	932.4	1993.3	3700.7	5243.5	8229.3
-2.5°	169.7	265.2	353.7	479.2	592.4	727.3	933.2	1920.4	3756.6	5516.2	8045.0
-5°	189.6	292.2	391.0	516.1	606.3	725.0	925.7	1809.0	3725.8	5662.3	7896.4
-7.5°	205.6	316.3	424.5	545.4	619.2	732.5	943.7	1833.6	3674.5	5662.3	7803.2
-10°	214.9	323.2	424.8	543.8	627.5	742.0	956.1	1790.3	3517.9	5545.0	7613.8
-12.5°	206.6	314.7	416.0	536.8	632.7	743.9	952.1	1667.7	3253.9	5306.0	7377.3
-15°	196.8	304.5	403.5	523.7	634.6	737.5	929.9	1457.6	2821.3	4791.2	7092.0
-17.5°	185.8	292.8	387.2	504.1	633.0	721.9	875.8	1125.3	2261.3	4071.9	6437.6
-20°	174.2	279.8	367.0	477.8	624.4	686.1	793.6	998.3	1784.1	3265.6	5408.5



REPORT NUMBER: P1306006 (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°	162.2	265.8	345.9	451.8	573.9	643.0	716.8	864.2	1261.4	2359.2	4078.1
-25°	155.4	248.1	327.6	417.5	522.2	602.7	639.5	732.3	931.2	1731.9	2977.3
-27.5°	152.3	231.2	304.9	382.2	474.9	560.5	587.5	647.5	796.1	1117.3	2011.3
-30°	147.0	208.4	280.0	348.4	433.6	509.9	549.4	587.4	682.3	855.9	1351.1
-32.5°	135.4	185.1	253.2	319.3	392.9	466.8	526.4	562.8	622.5	713.2	877.5
-35°	121.0	168.0	225.9	287.8	352.6	426.8	494.0	547.4	576.3	638.8	748.8
-37.5°	107.9	149.4	198.6	256.0	316.4	385.2	459.1	517.4	559.8	589.6	668.5
-40°	94.0	129.4	175.3	226.2	280.6	343.5	411.5	479.2	532.9	577.6	612.6
-42.5°	79.9	113.3	152.0	197.0	248.4	303.5	361.9	428.3	495.0	553.2	597.4
-45°	69.0	96.5	128.5	171.5	216.8	264.9	317.8	372.8	444.5	510.4	565.4
-47.5°	57.6	80.4	109.7	145.5	187.1	229.9	274.5	329.5	389.0	454.1	516.9
-50°	47.1	67.6	91.0	123.3	158.9	196.7	236.4	286.7	341.5	397.0	454.4
-52.5°	40.2	54.3	76.0	101.3	132.8	166.5	203.1	246.0	294.7	345.4	396.2
-55°	32.9	45.2	61.3	82.6	107.3	137.5	172.0	209.3	247.4	293.6	339.3
-57.5°	26.6	37.0	49.8	65.6	86.0	108.6	140.5	173.8	208.8	244.5	282.5
-60°	20.6	29.3	40.1	52.4	66.4	86.4	109.2	137.9	169.1	200.5	232.5
-62.5°	15.1	22.1	30.9	41.1	52.7	65.3	83.7	105.3	128.6	154.8	181.7
-65°	12.7	15.7	22.1	30.6	39.9	50.9	62.8	75.7	94.6	113.3	131.9
-67.5°	10.1	12.7	15.7	19.9	27.9	36.6	45.8	56.6	68.0	78.4	90.6
-70°	9.2	9.9	12.1	14.8	17.9	22.6	30.4	38.5	46.6	54.5	63.4
-72.5°	8.7	9.2	9.8	10.6	12.9	15.7	18.8	22.3	27.6	33.8	40.1
-75°	8.1	8.4	8.8	9.3	10.0	10.8	11.9	14.4	17.2	19.9	22.4
-77.5°	7.6	7.8	8.0	8.2	8.5	9.0	9.6	10.2	11.1	12.2	13.4
-80°	7.0	7.2	7.4	7.5	7.6	7.6	7.8	8.0	8.3	8.7	9.3
-82.5°	6.5	6.6	6.7	6.9	6.7	6.5	6.4	6.3	6.5	6.7	6.9
-85°	5.9	6.0	6.1	6.2	6.0	5.8	5.5	5.3	5.4	5.4	5.5
-87.5°	5.4	5.4	5.4	5.5	5.2	5.0	4.7	4.5	4.5	4.5	4.6
-90°	4.5	4.2	3.9	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7



REPORT NUMBER: P1306006 (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°
90°	3.6	3.6	3.6	3.6	3.6	3.9	4.2	4.5	4.8	5.4	6.0
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.8
85°	3.2	3.0	2.8	2.6	2.4	2.4	2.4	2.4	2.4	2.1	1.8
82.5°	3.6	3.3	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.1	1.8
80°	3.6	3.4	3.3	3.2	3.2	3.0	2.9	2.7	2.4	2.1	1.8
77.5°	3.7	3.6	3.6	3.6	3.6	3.4	3.1	2.7	2.4	2.1	1.8
75°	3.7	3.6	3.7	3.7	3.6	3.5	3.4	3.4	3.4	3.2	2.9
72.5°	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
70°	6.4	6.3	6.2	6.0	5.7	5.5	5.3	5.0	4.6	4.6	4.6
67.5°	9.4	9.6	9.5	9.1	8.2	7.3	6.9	6.4	5.9	5.9	6.3
65°	13.8	12.1	11.0	10.0	9.2	8.5	8.1	7.6	7.1	7.3	8.3
62.5°	16.4	12.9	11.0	10.3	9.9	9.5	8.8	8.3	8.1	8.3	9.2
60°	19.1	13.9	10.3	9.7	9.1	8.5	8.4	8.4	8.4	8.5	8.9
57.5°	20.5	14.2	9.5	9.2	8.9	8.5	8.5	8.6	8.6	8.4	8.8
55°	20.0	14.3	9.8	9.4	9.3	9.4	9.4	8.9	8.6	8.4	8.7
52.5°	18.3	13.8	10.5	9.7	9.6	9.2	8.4	8.9	9.4	9.8	10.2
50°	16.2	13.0	11.3	10.5	10.5	10.6	10.6	11.2	11.8	12.2	12.7
47.5°	14.9	13.0	12.9	12.7	13.0	13.7	14.0	14.6	16.4	17.4	17.8
45°	15.0	16.0	16.6	17.2	17.2	20.6	23.0	24.3	25.9	27.4	28.6
42.5°	20.3	22.7	24.7	27.9	29.8	35.4	38.4	34.7	42.4	49.0	50.6
40°	31.2	34.5	41.9	50.1	60.0	64.3	84.3	85.2	93.9	115.6	122.6
37.5°	47.4	57.0	82.7	104.5	139.0	159.5	184.9	209.4	229.0	249.1	262.9
35°	73.9	123.0	161.8	229.6	276.0	299.4	329.6	365.7	381.0	444.3	492.8
32.5°	157.9	246.1	351.2	405.4	466.3	512.8	506.4	656.4	714.2	809.4	886.9
30°	291.8	502.5	784.7	784.7	773.8	1030.5	1124.4	1318.2	1516.9	1649.3	1965.8
27.5°	674.6	1121.7	1568.7	1577.8	1771.4	2307.3	2612.5	2704.2	3566.4	4120.1	4875.4
25°	1243.0	1979.0	2595.7	2882.6	3457.9	4330.9	4847.7	5464.0	6750.8	8217.1	9142.8
22.5°	1851.3	2635.6	3562.3	4215.8	5318.2	6441.3	7381.2	8741.0	10470.6	12106.8	13213.8
20°	2309.2	3230.6	4539.4	5912.1	7308.7	8716.6	10176.6	12045.2	14386.5	16378.9	18179.6
17.5°	3242.7	4217.0	5988.4	7855.4	9750.9	11255.1	13560.8	15801.8	18654.2	21545.3	23784.7
15°	4624.1	6194.6	7966.9	10388.7	13054.7	15356.4	17801.2	21734.0	25204.1	28919.9	32240.0
12.5°	6396.9	8478.3	10826.8	13612.0	17106.2	20718.5	24447.0	28598.1	33136.8	37600.2	42338.3
10°	8052.0	10912.6	13944.8	17371.9	21370.5	25932.3	30487.8	35191.4	41498.3	47214.4	52281.1
7.5°	9194.8	12563.9	16285.5	20474.3	25409.8	30261.7	35407.7	41803.0	49171.0	55652.7	60845.1
5°	10221.1	14038.8	17754.8	21989.3	27727.5	33273.2	39353.5	47137.5	55525.0	62632.9	67807.7
2.5°	11114.5	15222.8	18831.6	23097.6	29397.8	35167.7	41807.2	51084.0	60855.1	67974.8	73434.8
0°	11849.5	15859.0	19440.8	23834.8	30496.1	36438.9	43250.4	53566.8	64814.3	72006.7	77255.0
-2.5°	11137.9	14775.2	18310.8	22761.4	29474.1	35560.3	42922.4	53416.0	64454.1	72211.6	77630.6
-5°	10600.4	13922.0	17278.4	21682.2	27586.4	33229.9	40138.2	50930.1	62548.1	70386.4	75869.7
-7.5°	10183.9	13082.7	16134.3	20189.4	25590.4	31575.1	38982.1	49394.6	60372.9	68300.3	73268.7
-10°	9729.8	12220.1	15545.8	19633.0	24885.2	30590.6	37170.9	46802.9	57895.3	65522.7	71341.8
-12.5°	9591.5	12221.0	15570.9	19119.6	23950.8	29429.8	35703.5	43907.9	52410.0	60408.2	65511.3
-15°	9368.4	12036.9	15315.2	18653.0	23032.9	28309.7	33546.9	39610.0	46716.3	52495.5	57826.5
-17.5°	8931.1	11495.3	13959.1	17077.9	21340.8	26232.7	30201.0	34969.2	40096.3	44503.2	48524.3
-20°	7884.0	9627.9	11963.0	14904.2	18557.3	22518.4	26131.5	29571.8	32866.6	36223.9	38549.7



REPORT NUMBER: P1306006 (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°	6032.8	7707.3	9665.2	12108.3	15004.2	18456.4	21649.3	23979.3	26600.3	29017.7	31005.3
-25°	4411.7	5638.6	7466.0	9550.7	11440.5	14205.5	16655.8	18229.4	20530.0	22337.2	24057.7
-27.5°	3190.4	4391.9	5882.1	7529.3	8946.3	10431.7	12594.8	14097.4	15906.8	17292.6	18727.6
-30°	2177.6	3500.8	4874.1	6221.5	7299.5	8421.7	9620.4	11102.6	12555.1	13719.4	14756.1
-32.5°	1510.4	2469.2	3811.2	5066.6	6040.9	6896.6	7684.2	8810.2	9897.2	10844.8	11621.8
-35°	925.3	1605.3	2534.8	3730.3	4760.2	5582.5	6308.9	7026.0	7721.4	8434.4	9035.1
-37.5°	782.9	945.2	1524.4	2347.5	3328.6	4243.8	4955.3	5547.5	6072.4	6615.0	7042.1
-40°	691.8	788.9	934.3	1235.4	1990.0	2750.8	3518.0	4155.3	4732.6	5213.8	5587.8
-42.5°	631.8	696.7	767.5	885.6	1025.5	1398.4	2058.2	2701.4	3327.6	3852.7	4292.9
-45°	613.2	645.8	684.0	747.2	805.1	918.6	1041.1	1168.0	1665.8	2194.0	2659.5
-47.5°	570.8	623.0	657.7	684.9	717.1	768.4	815.5	875.4	989.8	1103.2	1195.9
-50°	514.5	571.6	619.6	666.2	699.0	721.4	738.5	769.5	815.1	859.5	895.2
-52.5°	446.4	501.8	557.6	614.2	660.8	704.0	744.5	772.6	793.9	812.0	821.3
-55°	384.4	430.8	477.4	534.3	590.7	644.9	696.9	741.2	782.5	821.1	843.0
-57.5°	324.0	363.9	405.4	456.3	506.4	555.6	606.0	657.2	707.2	753.9	781.0
-60°	266.3	301.7	339.3	380.4	423.9	469.3	512.8	556.1	599.1	637.2	659.6
-62.5°	209.9	239.7	270.3	302.7	337.0	372.8	408.8	445.3	481.6	512.2	531.1
-65°	152.4	176.7	200.1	223.8	247.8	275.0	303.5	331.3	358.2	379.2	392.9
-67.5°	106.6	122.3	136.6	150.6	167.6	186.9	207.4	227.4	246.6	261.1	270.9
-70°	72.4	81.1	89.0	98.1	109.2	120.7	132.8	144.4	155.4	163.8	170.3
-72.5°	46.2	52.0	57.6	63.9	69.9	76.5	83.4	90.0	96.2	100.5	103.9
-75°	24.9	28.0	32.6	36.9	40.9	45.7	50.7	55.3	59.6	61.9	63.5
-77.5°	15.3	17.3	19.3	21.2	23.0	25.6	28.5	31.3	34.2	35.6	36.5
-80°	10.0	11.0	12.0	13.0	14.0	15.6	17.2	18.8	20.3	20.8	21.2
-82.5°	7.1	7.4	7.8	8.2	8.6	9.5	10.6	11.6	12.7	13.4	14.1
-85°	5.6	5.6	5.7	5.7	5.8	6.3	6.9	7.5	8.1	8.5	8.9
-87.5°	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	5.1	5.4
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.8



REPORT NUMBER: P1306006 (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°	6.6	7.2	6.6	6.0	6.6	7.2	6.6	6.0	5.4	4.8	4.5
87.5°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.4
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
77.5°	1.5	1.2	1.8	2.4	1.8	1.2	1.5	1.8	2.1	2.4	2.7
75°	2.7	2.4	2.4	2.4	2.4	2.4	2.7	2.9	3.2	3.4	3.4
72.5°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.6	3.7	3.9
70°	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.6	4.6	5.0
67.5°	6.7	7.1	7.2	7.2	7.2	7.1	6.7	6.3	5.9	5.9	6.4
65°	9.4	10.5	10.2	9.6	10.2	10.5	9.4	8.3	7.3	7.1	7.6
62.5°	9.9	10.6	10.8	10.8	10.8	10.6	9.9	9.2	8.3	8.1	8.3
60°	9.2	9.6	9.6	9.6	9.6	9.6	9.2	8.9	8.5	8.4	8.4
57.5°	9.1	9.5	9.6	9.6	9.6	9.5	9.1	8.8	8.4	8.6	8.6
55°	9.1	9.5	9.6	9.6	9.6	9.5	9.1	8.7	8.4	8.6	8.9
52.5°	10.5	10.7	10.8	10.8	10.8	10.7	10.5	10.2	9.8	9.4	8.9
50°	13.3	14.0	13.5	12.0	13.5	14.0	13.3	12.7	12.2	11.8	11.2
47.5°	17.8	17.2	16.7	16.8	16.7	17.2	17.8	17.8	17.4	16.4	14.6
45°	29.0	28.7	28.5	28.8	28.5	28.7	29.0	28.6	27.4	25.9	24.3
42.5°	52.4	52.5	51.7	50.5	51.7	52.5	52.4	50.6	49.0	42.4	34.7
40°	122.3	112.1	98.2	90.1	98.2	112.1	122.3	122.6	115.6	93.9	85.2
37.5°	275.4	283.5	284.2	278.8	284.2	283.5	275.4	262.9	249.1	229.0	209.4
35°	523.4	542.1	543.1	533.5	543.1	542.1	523.4	492.8	444.3	381.0	365.7
32.5°	885.6	927.8	943.6	939.6	943.6	927.8	885.6	886.9	809.4	714.2	656.4
30°	1818.7	1831.3	1701.8	1464.7	1701.8	1831.3	1818.7	1965.8	1649.3	1516.9	1318.2
27.5°	5285.1	5772.9	5949.8	5871.9	5949.8	5772.9	5285.1	4875.4	4120.1	3566.4	2704.2
25°	9408.7	9730.1	10050.9	10088.1	10050.9	9730.1	9408.7	9142.8	8217.1	6750.8	5464.0
22.5°	13980.5	14437.3	14870.8	14771.7	14870.8	14437.3	13980.5	13213.8	12106.8	10470.6	8741.0
20°	19323.4	19638.4	19958.3	19604.2	19958.3	19638.4	19323.4	18179.6	16378.9	14386.5	12045.2
17.5°	26130.4	27613.5	28930.1	28334.6	28930.1	27613.5	26130.4	23784.7	21545.3	18654.2	15801.8
15°	35366.1	37947.5	39461.6	39381.5	39461.6	37947.5	35366.1	32240.0	28919.9	25204.1	21734.0
12.5°	46009.0	48706.6	50251.8	49932.2	50251.8	48706.6	46009.0	42338.3	37600.2	33136.8	28598.1
10°	55611.2	57729.6	59565.4	60284.6	59565.4	57729.6	55611.2	52281.1	47214.4	41498.3	35191.4
7.5°	64092.4	65670.8	67202.0	67475.7	67202.0	65670.8	64092.4	60845.1	55652.7	49171.0	41803.0
5°	71074.2	73310.2	74175.9	74519.1	74175.9	73310.2	71074.2	67807.7	62632.9	55525.0	47137.5
2.5°	76708.9	78754.3	79837.1	79517.5	79837.1	78754.3	76708.9	73434.8	67974.8	60855.1	51084.0
0°	79945.8	81564.9	82449.3	82237.8	82449.3	81564.9	79945.8	77255.0	72006.7	64814.3	53566.8
-2.5°	80264.9	81353.6	82045.3	81774.0	82045.3	81353.6	80264.9	77630.6	72211.6	64454.1	53416.0
-5°	78057.5	78943.5	79306.9	79462.2	79306.9	78943.5	78057.5	75869.7	70386.4	62548.1	50930.1
-7.5°	75016.0	76206.1	76025.1	76338.3	76025.1	76206.1	75016.0	73268.7	68300.3	60372.9	49394.6
-10°	73204.5	74302.9	74143.9	74228.4	74143.9	74302.9	73204.5	71341.8	65522.7	57895.3	46802.9
-12.5°	68809.2	70404.0	70648.8	70923.5	70648.8	70404.0	68809.2	65511.3	60408.2	52410.0	43907.9
-15°	61325.5	63077.8	64137.3	64375.8	64137.3	63077.8	61325.5	57826.5	52495.5	46716.3	39610.0
-17.5°	51867.3	54290.6	55994.4	56390.4	55994.4	54290.6	51867.3	48524.3	44503.2	40096.3	34969.2
-20°	41389.9	43124.6	44007.4	44483.2	44007.4	43124.6	41389.9	38549.7	36223.9	32866.6	29571.8



REPORT NUMBER: P1306006 (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°	32577.6	33723.3	34215.1	34295.4	34215.1	33723.3	32577.6	31005.3	29017.7	26600.3	23979.3
-25°	25450.9	26231.8	26566.5	27060.9	26566.5	26231.8	25450.9	24057.7	22337.2	20530.0	18229.4
-27.5°	19750.8	20437.4	20743.5	21198.7	20743.5	20437.4	19750.8	18727.6	17292.6	15906.8	14097.4
-30°	15455.3	15868.9	15972.2	15994.8	15972.2	15868.9	15455.3	14756.1	13719.4	12555.1	11102.6
-32.5°	12225.2	12691.1	12969.2	13093.1	12969.2	12691.1	12225.2	11621.8	10844.8	9897.2	8810.2
-35°	9485.0	9792.1	9974.8	10180.6	9974.8	9792.1	9485.0	9035.1	8434.4	7721.4	7026.0
-37.5°	7374.3	7602.0	7727.9	7770.3	7727.9	7602.0	7374.3	7042.1	6615.0	6072.4	5547.5
-40°	5886.1	6112.2	6247.9	6268.4	6247.9	6112.2	5886.1	5587.8	5213.8	4732.6	4155.3
-42.5°	4627.3	4909.0	5091.1	5133.0	5091.1	4909.0	4627.3	4292.9	3852.7	3327.6	2701.4
-45°	2999.9	3262.0	3400.8	3391.9	3400.8	3262.0	2999.9	2659.5	2194.0	1665.8	1168.0
-47.5°	1255.1	1297.3	1315.5	1309.7	1315.5	1297.3	1255.1	1195.9	1103.2	989.8	875.4
-50°	923.5	947.4	960.6	963.6	960.6	947.4	923.5	895.2	859.5	815.1	769.5
-52.5°	829.3	838.1	841.2	841.1	841.2	838.1	829.3	821.3	812.0	793.9	772.6
-55°	863.4	882.7	890.2	890.3	890.2	882.7	863.4	843.0	821.1	782.5	741.2
-57.5°	805.6	827.3	837.3	839.9	837.3	827.3	805.6	781.0	753.9	707.2	657.2
-60°	679.7	697.1	704.7	706.5	704.7	697.1	679.7	659.6	637.2	599.1	556.1
-62.5°	547.2	560.4	564.5	563.5	564.5	560.4	547.2	531.1	512.2	481.6	445.3
-65°	404.4	413.5	414.2	410.9	414.2	413.5	404.4	392.9	379.2	358.2	331.3
-67.5°	278.6	284.4	284.7	282.4	284.7	284.4	278.6	270.9	261.1	246.6	227.4
-70°	175.7	180.1	180.4	179.0	180.4	180.1	175.7	170.3	163.8	155.4	144.4
-72.5°	106.8	109.2	111.3	112.9	111.3	109.2	106.8	103.9	100.5	96.2	90.0
-75°	64.6	65.5	65.4	64.9	65.4	65.5	64.6	63.5	61.9	59.6	55.3
-77.5°	37.4	38.1	39.5	40.9	39.5	38.1	37.4	36.5	35.6	34.2	31.3
-80°	21.4	21.5	22.2	22.8	22.2	21.5	21.4	21.2	20.8	20.3	18.8
-82.5°	14.8	15.5	15.6	15.6	15.6	15.5	14.8	14.1	13.4	12.7	11.6
-85°	9.2	9.6	10.2	10.8	10.2	9.6	9.2	8.9	8.5	8.1	7.5
-87.5°	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.8
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.2	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.6
85°	2.4	2.4	2.4	2.6	2.8	3.0	3.2	3.2	3.3	3.4	3.6
82.5°	2.4	2.4	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6
80°	2.9	3.0	3.2	3.2	3.3	3.4	3.6	3.7	3.6	3.6	3.7
77.5°	3.1	3.4	3.6	3.6	3.6	3.6	3.7	4.0	4.2	4.3	4.3
75°	3.4	3.5	3.6	3.7	3.7	3.6	3.7	4.0	4.3	4.6	4.8
72.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.9	5.0	4.9	4.8
70°	5.3	5.5	5.7	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.1
67.5°	6.9	7.3	8.2	9.1	9.5	9.6	9.4	8.8	8.5	8.5	7.6
65°	8.1	8.5	9.2	10.0	11.0	12.1	13.8	14.1	13.3	11.7	9.2
62.5°	8.8	9.5	9.9	10.3	11.0	12.9	16.4	18.5	19.1	16.9	12.9
60°	8.4	8.5	9.1	9.7	10.3	13.9	19.1	22.9	25.2	21.4	16.1
57.5°	8.5	8.5	8.9	9.2	9.5	14.2	20.5	27.2	31.3	24.6	18.5
55°	9.4	9.4	9.3	9.4	9.8	14.3	20.0	26.7	30.7	26.7	19.7
52.5°	8.4	9.2	9.6	9.7	10.5	13.8	18.3	24.5	26.4	23.3	19.2
50°	10.6	10.6	10.5	10.5	11.3	13.0	16.2	21.2	21.3	19.9	16.6
47.5°	14.0	13.7	13.0	12.7	12.9	13.0	14.9	17.2	18.5	17.0	14.5
45°	23.0	20.6	17.2	17.2	16.6	16.0	15.0	17.6	18.4	17.3	13.5
42.5°	38.4	35.4	29.8	27.9	24.7	22.7	20.3	21.6	22.0	20.2	18.3
40°	84.3	64.3	60.0	50.1	41.9	34.5	31.2	28.1	28.1	26.4	25.6
37.5°	184.9	159.5	139.0	104.5	82.7	57.0	47.4	40.0	35.2	38.0	36.5
35°	329.6	299.4	276.0	229.6	161.8	123.0	73.9	57.6	53.2	55.8	51.2
32.5°	506.4	512.8	466.3	405.4	351.2	246.1	157.9	86.5	95.0	90.1	73.9
30°	1124.4	1030.5	773.8	784.7	784.7	502.5	291.8	228.0	169.8	140.4	106.5
27.5°	2612.5	2307.3	1771.4	1577.8	1568.7	1121.7	674.6	465.3	297.9	220.1	162.4
25°	4847.7	4330.9	3457.9	2882.6	2595.7	1979.0	1243.0	879.9	567.0	318.5	221.8
22.5°	7381.2	6441.3	5318.2	4215.8	3562.3	2635.6	1851.3	1388.0	869.0	456.0	293.5
20°	10176.6	8716.6	7308.7	5912.1	4539.4	3230.6	2309.2	1893.3	1269.7	644.1	362.4
17.5°	13560.8	11255.1	9750.9	7855.4	5988.4	4217.0	3242.7	2549.2	1771.8	801.9	425.1
15°	17801.2	15356.4	13054.7	10388.7	7966.9	6194.6	4624.1	3417.5	2366.4	1103.6	566.3
12.5°	24447.0	20718.5	17106.2	13612.0	10826.8	8478.3	6396.9	4629.9	3061.0	1641.6	796.4
10°	30487.8	25932.3	21370.5	17371.9	13944.8	10912.6	8052.0	5589.8	3665.5	2185.3	1048.2
7.5°	35407.7	30261.7	25409.8	20474.3	16285.5	12563.9	9194.8	6392.0	4177.0	2676.1	1310.2
5°	39353.5	33273.2	27727.5	21989.3	17754.8	14038.8	10221.1	7114.5	4598.4	3106.3	1569.7
2.5°	41807.2	35167.7	29397.8	23097.6	18831.6	15222.8	11114.5	7738.0	4954.9	3443.9	1795.9
0°	43250.4	36438.9	30496.1	23834.8	19440.8	15859.0	11849.5	8229.3	5243.5	3700.7	1993.3
-2.5°	42922.4	35560.3	29474.1	22761.4	18310.8	14775.2	11137.9	8045.0	5516.2	3756.6	1920.4
-5°	40138.2	33229.9	27586.4	21682.2	17278.4	13922.0	10600.4	7896.4	5662.3	3725.8	1809.0
-7.5°	38982.1	31575.1	25590.4	20189.4	16134.3	13082.7	10183.9	7803.2	5662.3	3674.5	1833.6
-10°	37170.9	30590.6	24885.2	19633.0	15545.8	12220.1	9729.8	7613.8	5545.0	3517.9	1790.3
-12.5°	35703.5	29429.8	23950.8	19119.6	15570.9	12221.0	9591.5	7377.3	5306.0	3253.9	1667.7
-15°	33546.9	28309.7	23032.9	18653.0	15315.2	12036.9	9368.4	7092.0	4791.2	2821.3	1457.6
-17.5°	30201.0	26232.7	21340.8	17077.9	13959.1	11495.3	8931.1	6437.6	4071.9	2261.3	1125.3
-20°	26131.5	22518.4	18557.3	14904.2	11963.0	9627.9	7884.0	5408.5	3265.6	1784.1	998.3



REPORT NUMBER: P1306006 (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°	21649.3	18456.4	15004.2	12108.3	9665.2	7707.3	6032.8	4078.1	2359.2	1261.4	864.2
-25°	16655.8	14205.5	11440.5	9550.7	7466.0	5638.6	4411.7	2977.3	1731.9	931.2	732.3
-27.5°	12594.8	10431.7	8946.3	7529.3	5882.1	4391.9	3190.4	2011.3	1117.3	796.1	647.5
-30°	9620.4	8421.7	7299.5	6221.5	4874.1	3500.8	2177.6	1351.1	855.9	682.3	587.4
-32.5°	7684.2	6896.6	6040.9	5066.6	3811.2	2469.2	1510.4	877.5	713.2	622.5	562.8
-35°	6308.9	5582.5	4760.2	3730.3	2534.8	1605.3	925.3	748.8	638.8	576.3	547.4
-37.5°	4955.3	4243.8	3328.6	2347.5	1524.4	945.2	782.9	668.5	589.6	559.8	517.4
-40°	3518.0	2750.8	1990.0	1235.4	934.3	788.9	691.8	612.6	577.6	532.9	479.2
-42.5°	2058.2	1398.4	1025.5	885.6	767.5	696.7	631.8	597.4	553.2	495.0	428.3
-45°	1041.1	918.6	805.1	747.2	684.0	645.8	613.2	565.4	510.4	444.5	372.8
-47.5°	815.5	768.4	717.1	684.9	657.7	623.0	570.8	516.9	454.1	389.0	329.5
-50°	738.5	721.4	699.0	666.2	619.6	571.6	514.5	454.4	397.0	341.5	286.7
-52.5°	744.5	704.0	660.8	614.2	557.6	501.8	446.4	396.2	345.4	294.7	246.0
-55°	696.9	644.9	590.7	534.3	477.4	430.8	384.4	339.3	293.6	247.4	209.3
-57.5°	606.0	555.6	506.4	456.3	405.4	363.9	324.0	282.5	244.5	208.8	173.8
-60°	512.8	469.3	423.9	380.4	339.3	301.7	266.3	232.5	200.5	169.1	137.9
-62.5°	408.8	372.8	337.0	302.7	270.3	239.7	209.9	181.7	154.8	128.6	105.3
-65°	303.5	275.0	247.8	223.8	200.1	176.7	152.4	131.9	113.3	94.6	75.7
-67.5°	207.4	186.9	167.6	150.6	136.6	122.3	106.6	90.6	78.4	68.0	56.6
-70°	132.8	120.7	109.2	98.1	89.0	81.1	72.4	63.4	54.5	46.6	38.5
-72.5°	83.4	76.5	69.9	63.9	57.6	52.0	46.2	40.1	33.8	27.6	22.3
-75°	50.7	45.7	40.9	36.9	32.6	28.0	24.9	22.4	19.9	17.2	14.4
-77.5°	28.5	25.6	23.0	21.2	19.3	17.3	15.3	13.4	12.2	11.1	10.2
-80°	17.2	15.6	14.0	13.0	12.0	11.0	10.0	9.3	8.7	8.3	8.0
-82.5°	10.6	9.5	8.6	8.2	7.8	7.4	7.1	6.9	6.7	6.5	6.3
-85°	6.9	6.3	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3
-87.5°	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	3.8	4.0	4.1	4.3	4.4	4.5	4.6	4.8	4.8	4.8	4.8
85°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.0	4.3	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.3	4.4	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.7	4.7	4.8	4.9	4.8	4.8	4.8	4.9	4.8	4.8
72.5°	4.8	4.8	4.8	4.9	5.1	5.1	5.0	4.9	5.1	5.1	4.9
70°	5.4	4.9	4.8	5.0	5.3	5.5	5.5	5.3	5.3	5.3	5.2
67.5°	6.6	5.9	5.3	5.1	5.3	5.6	5.9	5.7	5.5	5.6	5.5
65°	8.1	7.0	6.0	5.7	5.5	5.7	6.0	6.0	5.8	5.7	5.8
62.5°	10.0	8.4	7.2	6.3	5.9	5.8	6.0	6.0	6.0	5.9	5.9
60°	12.1	9.5	8.3	7.3	6.4	6.0	6.0	6.0	6.0	6.0	6.0
57.5°	13.5	10.0	8.9	8.1	7.1	6.3	6.0	6.0	6.0	6.0	6.0
55°	14.0	10.3	9.5	8.6	7.7	6.8	6.2	6.0	6.0	6.0	6.0
52.5°	13.7	10.9	10.0	9.1	8.2	7.3	6.6	6.0	6.0	6.0	6.0
50°	12.1	11.6	10.6	9.6	8.6	7.8	7.1	6.4	6.0	6.0	6.0
47.5°	12.3	12.3	11.5	10.1	9.0	8.3	7.5	6.8	6.0	6.0	6.0
45°	14.0	13.3	12.5	11.0	9.5	8.7	7.9	7.1	6.3	6.0	6.0
42.5°	16.9	15.8	13.8	12.0	10.6	9.2	8.4	7.5	6.7	6.1	6.0
40°	23.4	19.8	16.2	14.9	12.0	9.6	8.7	7.9	7.0	6.3	6.1
37.5°	31.5	26.4	20.9	20.8	14.8	11.1	9.1	8.2	7.4	6.7	6.3
35°	43.4	35.0	30.8	29.7	22.5	12.8	9.5	8.5	7.8	7.0	6.4
32.5°	57.2	51.2	47.4	39.9	32.4	14.7	10.6	9.1	8.3	7.3	6.6
30°	84.0	80.4	68.8	51.2	43.8	23.8	12.5	9.8	8.8	7.6	6.8
27.5°	125.5	116.4	95.6	70.2	54.4	34.9	14.8	10.6	9.3	8.0	7.0
25°	169.6	154.8	130.6	94.4	65.6	46.6	17.3	11.5	9.9	8.4	7.3
22.5°	222.5	191.1	170.1	121.4	79.8	58.6	23.5	13.6	10.6	8.8	7.5
20°	271.3	225.8	212.5	148.0	100.0	69.8	33.0	15.6	11.3	9.2	7.7
17.5°	318.6	271.9	245.0	179.4	122.1	82.5	42.4	17.7	12.0	9.6	7.9
15°	407.6	336.2	283.1	211.2	143.0	96.3	51.5	19.8	12.8	10.0	8.1
12.5°	509.8	404.4	327.2	242.9	162.5	110.8	60.1	21.8	13.5	10.4	8.2
10°	615.6	475.0	375.4	273.9	180.7	125.6	68.1	24.6	14.6	10.8	8.3
7.5°	722.4	546.5	426.0	303.4	200.9	148.1	86.8	29.0	15.8	11.1	8.3
5°	820.3	613.7	479.2	349.8	239.7	178.4	107.5	33.5	17.0	11.5	8.4
2.5°	880.8	672.2	530.2	395.9	277.4	207.8	127.7	38.0	18.1	11.8	8.4
0°	932.4	725.7	576.7	438.6	313.6	235.5	146.6	42.1	19.2	12.0	8.4
-2.5°	933.2	727.3	592.4	479.2	353.7	265.2	169.7	54.4	26.3	15.2	9.5
-5°	925.7	725.0	606.3	516.1	391.0	292.2	189.6	65.9	33.1	18.3	10.6
-7.5°	943.7	732.5	619.2	545.4	424.5	316.3	205.6	76.4	39.4	21.1	11.6
-10°	956.1	742.0	627.5	543.8	424.8	323.2	214.9	85.5	44.9	23.6	12.5
-12.5°	952.1	743.9	632.7	536.8	416.0	314.7	206.6	91.9	49.5	25.6	13.3
-15°	929.9	737.5	634.6	523.7	403.5	304.5	196.8	96.2	53.4	27.5	14.0
-17.5°	875.8	721.9	633.0	504.1	387.2	292.8	185.8	99.1	56.3	29.5	15.0
-20°	793.6	686.1	624.4	477.8	367.0	279.8	174.2	100.5	58.1	30.7	16.0



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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°	716.8	643.0	573.9	451.8	345.9	265.8	162.2	100.1	58.6	31.2	16.8
-25°	639.5	602.7	522.2	417.5	327.6	248.1	155.4	98.1	57.9	30.9	17.2
-27.5°	587.5	560.5	474.9	382.2	304.9	231.2	152.3	97.0	56.4	29.7	17.3
-30°	549.4	509.9	433.6	348.4	280.0	208.4	147.0	94.1	55.0	29.0	16.9
-32.5°	526.4	466.8	392.9	319.3	253.2	185.1	135.4	89.4	52.4	28.6	16.6
-35°	494.0	426.8	352.6	287.8	225.9	168.0	121.0	82.7	48.4	27.6	16.2
-37.5°	459.1	385.2	316.4	256.0	198.6	149.4	107.9	73.0	43.3	26.0	15.4
-40°	411.5	343.5	280.6	226.2	175.3	129.4	94.0	63.9	39.8	23.7	14.3
-42.5°	361.9	303.5	248.4	197.0	152.0	113.3	79.9	54.4	35.7	21.8	12.9
-45°	317.8	264.9	216.8	171.5	128.5	96.5	69.0	45.2	31.2	19.8	11.7
-47.5°	274.5	229.9	187.1	145.5	109.7	80.4	57.6	39.7	26.3	17.3	10.9
-50°	236.4	196.7	158.9	123.3	91.0	67.6	47.1	33.9	22.8	14.3	10.1
-52.5°	203.1	166.5	132.8	101.3	76.0	54.3	40.2	27.9	19.1	12.5	9.2
-55°	172.0	137.5	107.3	82.6	61.3	45.2	32.9	23.3	15.1	11.2	8.2
-57.5°	140.5	108.6	86.0	65.6	49.8	37.0	26.6	18.3	12.9	9.8	8.0
-60°	109.2	86.4	66.4	52.4	40.1	29.3	20.6	14.2	11.2	8.6	7.8
-62.5°	83.7	65.3	52.7	41.1	30.9	22.1	15.1	12.2	9.4	8.3	7.5
-65°	62.8	50.9	39.9	30.6	22.1	15.7	12.7	10.0	8.7	8.0	7.2
-67.5°	45.8	36.6	27.9	19.9	15.7	12.7	10.1	9.1	8.4	7.6	6.9
-70°	30.4	22.6	17.9	14.8	12.1	9.9	9.2	8.6	8.0	7.3	6.6
-72.5°	18.8	15.7	12.9	10.6	9.8	9.2	8.7	8.2	7.6	6.9	6.3
-75°	11.9	10.8	10.0	9.3	8.8	8.4	8.1	7.7	7.1	6.6	6.2
-77.5°	9.6	9.0	8.5	8.2	8.0	7.8	7.6	7.3	6.8	6.4	6.1
-80°	7.8	7.6	7.6	7.5	7.4	7.2	7.0	6.8	6.5	6.2	6.1
-82.5°	6.4	6.5	6.7	6.9	6.7	6.6	6.5	6.3	6.1	6.0	5.9
-85°	5.5	5.8	6.0	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5
-87.5°	4.7	5.0	5.2	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2
-90°	3.6	3.6	3.6	3.6	3.9	4.2	4.5	4.8	4.8	4.8	4.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
70°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
67.5°	5.1	4.8	4.8	4.8	4.8	4.8	4.8
65°	5.4	4.9	4.8	4.8	4.8	4.8	4.8
62.5°	5.7	5.2	4.8	4.8	4.8	4.8	4.8
60°	6.0	5.4	4.8	4.8	4.8	4.8	4.8
57.5°	6.0	5.6	5.0	4.8	4.8	4.8	4.8
55°	6.0	5.8	5.1	4.8	4.8	4.8	4.8
52.5°	6.0	6.0	5.3	4.8	4.8	4.8	4.8
50°	6.0	6.0	5.5	4.8	4.8	4.8	4.8
47.5°	6.0	6.0	5.6	4.8	4.8	4.8	4.8
45°	6.0	6.0	5.8	4.9	4.8	4.8	4.8
42.5°	6.0	6.0	5.9	5.1	4.8	4.8	4.8
40°	6.0	6.0	6.0	5.1	4.8	4.8	4.8
37.5°	6.0	6.0	6.0	5.2	4.8	4.8	4.8
35°	6.0	6.0	6.0	5.3	4.8	4.8	4.8
32.5°	6.0	6.0	6.0	5.3	4.8	4.8	4.8
30°	6.2	6.0	6.0	5.3	4.8	4.8	4.8
27.5°	6.3	6.0	6.0	5.4	4.8	4.8	4.8
25°	6.4	6.0	5.9	5.3	4.8	4.8	4.8
22.5°	6.6	6.0	5.9	5.3	4.8	4.8	4.8
20°	6.7	6.0	5.9	5.3	4.8	4.8	4.8
17.5°	6.9	6.0	5.9	5.3	4.8	4.8	4.8
15°	6.9	6.0	5.9	5.2	4.8	4.8	4.8
12.5°	7.0	6.0	5.9	5.2	4.8	4.8	4.8
10°	7.1	6.0	6.0	5.1	4.8	4.8	4.8
7.5°	7.1	6.0	6.0	5.0	4.8	4.8	4.8
5°	7.2	6.0	6.0	5.0	4.8	4.8	4.8
2.5°	7.2	6.0	6.0	4.9	4.8	4.8	4.8
0°	7.2	6.0	6.0	4.8	4.8	4.8	4.8
-2.5°	7.7	6.3	6.0	4.9	4.8	4.8	4.8
-5°	8.1	6.5	6.0	5.0	4.8	4.8	4.8
-7.5°	8.6	6.8	6.0	5.0	4.8	4.8	4.8
-10°	8.9	7.0	6.0	5.1	4.8	4.8	4.8
-12.5°	9.3	7.2	5.9	5.2	4.8	4.8	4.8
-15°	9.6	7.3	5.9	5.2	4.8	4.8	4.8
-17.5°	9.9	7.4	5.9	5.3	4.8	4.8	4.8
-20°	10.2	7.4	5.9	5.3	4.8	4.8	4.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.5	7.4	5.9	5.3	4.8	4.8	4.8
-25°	10.7	7.4	5.9	5.3	4.8	4.8	4.8
-27.5°	10.7	7.3	6.0	5.4	4.8	4.8	4.8
-30°	10.6	7.2	6.0	5.3	4.8	4.8	4.8
-32.5°	10.2	7.0	6.1	5.3	4.8	4.8	4.8
-35°	9.9	6.8	6.1	5.3	4.8	4.8	4.8
-37.5°	9.6	6.6	6.2	5.2	4.8	4.8	4.8
-40°	9.2	6.7	6.2	5.1	4.8	4.8	4.8
-42.5°	8.7	6.7	6.1	5.1	4.8	4.8	4.8
-45°	8.2	6.7	6.0	5.0	4.8	4.8	4.8
-47.5°	7.6	6.7	5.9	4.9	4.8	4.8	4.8
-50°	7.4	6.7	5.8	4.9	4.8	4.8	4.8
-52.5°	7.4	6.6	5.7	4.9	4.8	4.8	4.8
-55°	7.3	6.5	5.5	4.9	4.8	4.8	4.8
-57.5°	7.1	6.3	5.4	5.0	4.8	4.8	4.8
-60°	6.9	6.1	5.2	5.0	4.8	4.8	4.8
-62.5°	6.7	5.9	5.3	5.0	4.8	4.8	4.8
-65°	6.5	5.7	5.3	5.0	4.8	4.8	4.8
-67.5°	6.2	5.6	5.3	5.0	4.8	4.8	4.8
-70°	5.9	5.6	5.3	5.0	4.8	4.8	4.8
-72.5°	5.9	5.6	5.3	5.0	4.8	4.8	4.8
-75°	5.9	5.7	5.4	5.0	4.8	4.8	4.8
-77.5°	6.0	5.7	5.3	5.0	4.8	4.8	4.8
-80°	6.0	5.6	5.2	4.9	4.8	4.8	4.8
-82.5°	5.7	5.4	5.1	4.9	4.8	4.8	4.8
-85°	5.4	5.2	5.0	4.9	4.8	4.8	4.8
-87.5°	5.1	5.0	4.9	4.8	4.8	4.8	4.8
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)