

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: P1306414 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

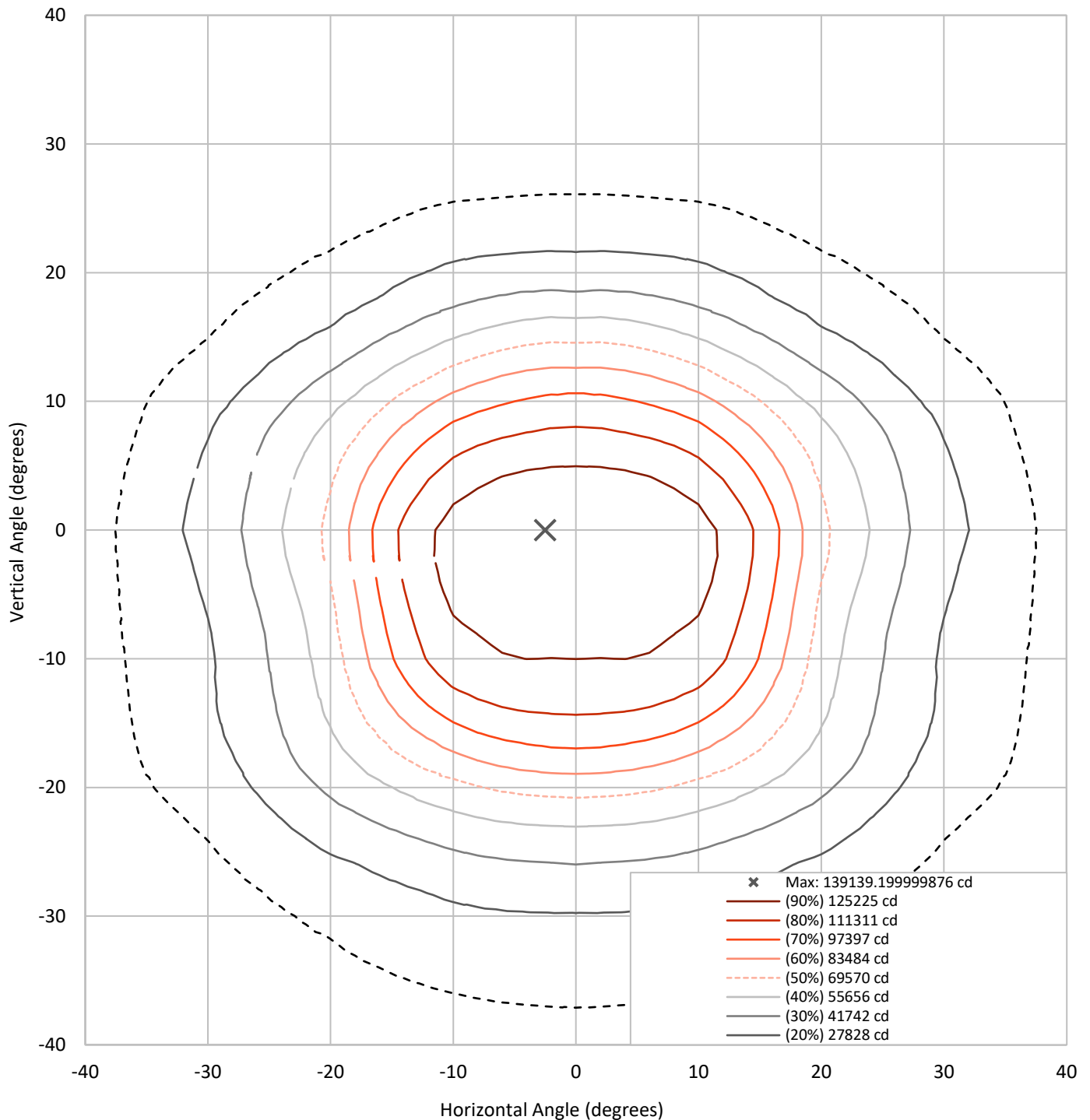
Test Method: LM-79-08  
Report Number: P1306414 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 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:	68669 lumens	Max Intensity:	139139.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	99.8 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:	37769.4 lumens	Field Lumens:	62908.7 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%
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





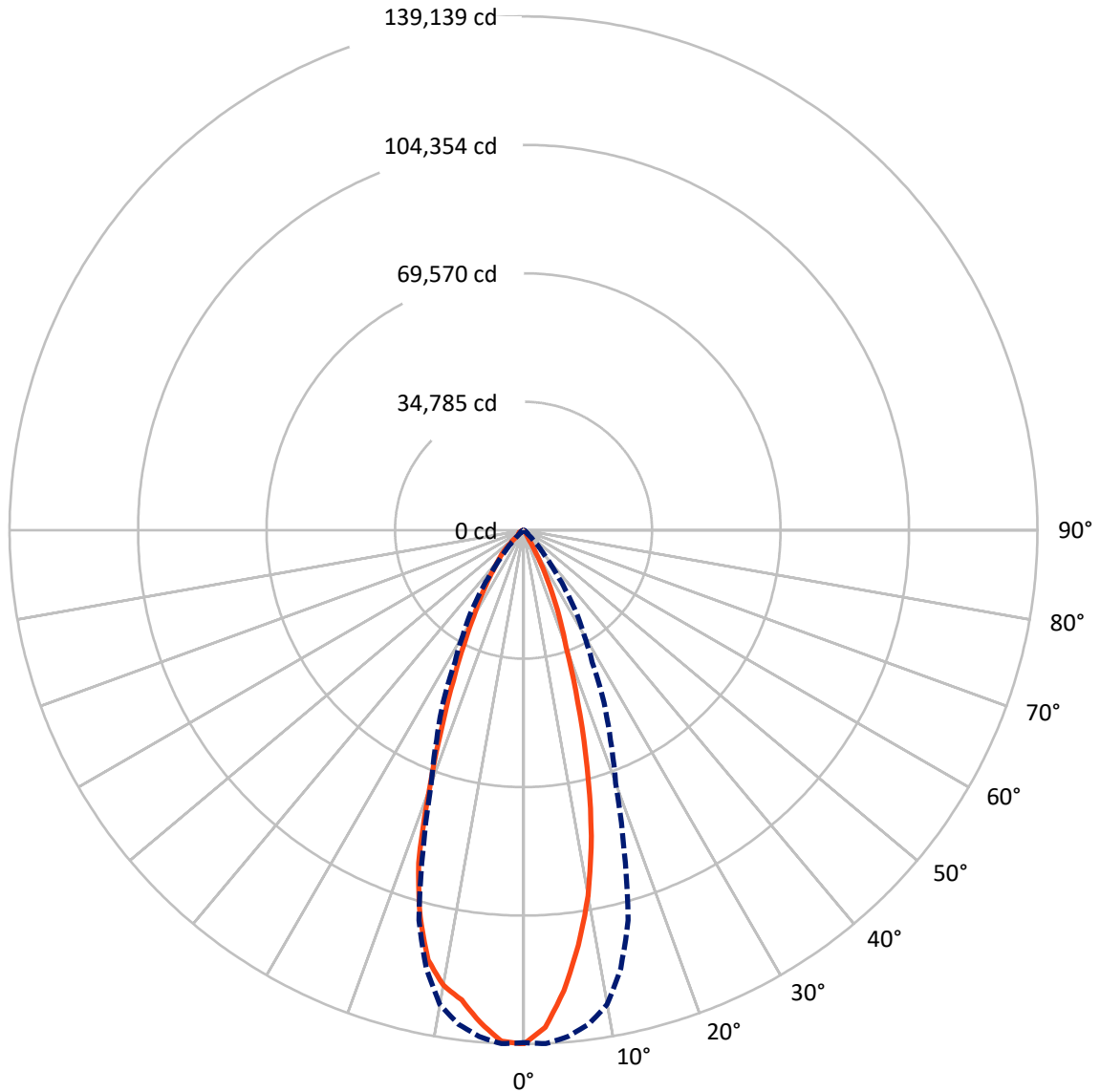
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### Lumen Table

90	0.2	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.2				
80	0.2	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.2				
70	0.2	0.1	0.2	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.2	0.1	0.2
60		0.1	0.3	0.7	0.8	0.4	0.5	0.5	0.5	0.5	0.4	0.8	0.7	0.3	0.1	
50	0.2	0.2	0.3	0.6	0.8	1.1	1.7	2.0	2.0	1.7	1.1	0.8	0.6	0.3	0.2	0.2
40		0.2	0.9	2.1	5.6	15.4	26.7	34.1	34.1	26.7	15.4	5.6	2.1	0.9	0.2	
30	0.2	0.4	3.0	10.5	60.9	175.3	356.3	514.4	514.4	356.3	175.3	60.9	10.5	3.0	0.4	0.2
20		0.8	6.5	34.2	216.9	635.6	1302.6	1924.5	1924.5	1302.6	635.6	216.9	34.2	6.5	0.8	
10	0.3	1.5	11.0	74.4	446.1	1274.3	2668.2	3641.6	3641.6	2668.2	1274.3	446.1	74.4	11.0	1.5	0.3
0		2.6	15.0	90.0	467.2	1304.9	2994.4	3991.1	3991.1	2994.4	1304.9	467.2	90.0	15.0	2.6	
-10	0.4	2.9	15.5	72.2	396.6	1074.4	2262.5	3115.7	3115.7	2262.5	1074.4	396.6	72.2	15.5	2.9	0.4
-20		2.6	12.7	33.9	198.9	574.9	1057.2	1388.2	1388.2	1057.2	574.9	198.9	33.9	12.7	2.6	
-30	0.4	2.0	8.7	19.8	58.1	216.6	398.6	520.0	520.0	398.6	216.6	58.1	19.8	8.7	2.0	0.4
-40		1.2	5.3	13.9	25.6	48.1	108.3	163.4	163.4	108.3	48.1	25.6	13.9	5.3	1.2	
-50	0.2	0.6	2.6	7.8	16.3	26.9	36.9	42.8	42.8	36.9	26.9	16.3	7.8	2.6	0.6	0.2
-60		0.3	1.0	3.0	6.8	11.9	18.0	21.5	21.5	18.0	11.9	6.8	3.0	1.0	0.3	
-70	0.2	0.6	2.6	7.8	16.3	26.9	36.9	42.8	42.8	36.9	26.9	16.3	7.8	2.6	0.6	0.2
-80		0.3	1.0	3.0	6.8	11.9	18.0	21.5	21.5	18.0	11.9	6.8	3.0	1.0	0.3	
-90	0.2	0.8	2.5	6.5	9.1	6.5	2.5	0.8	0.2							

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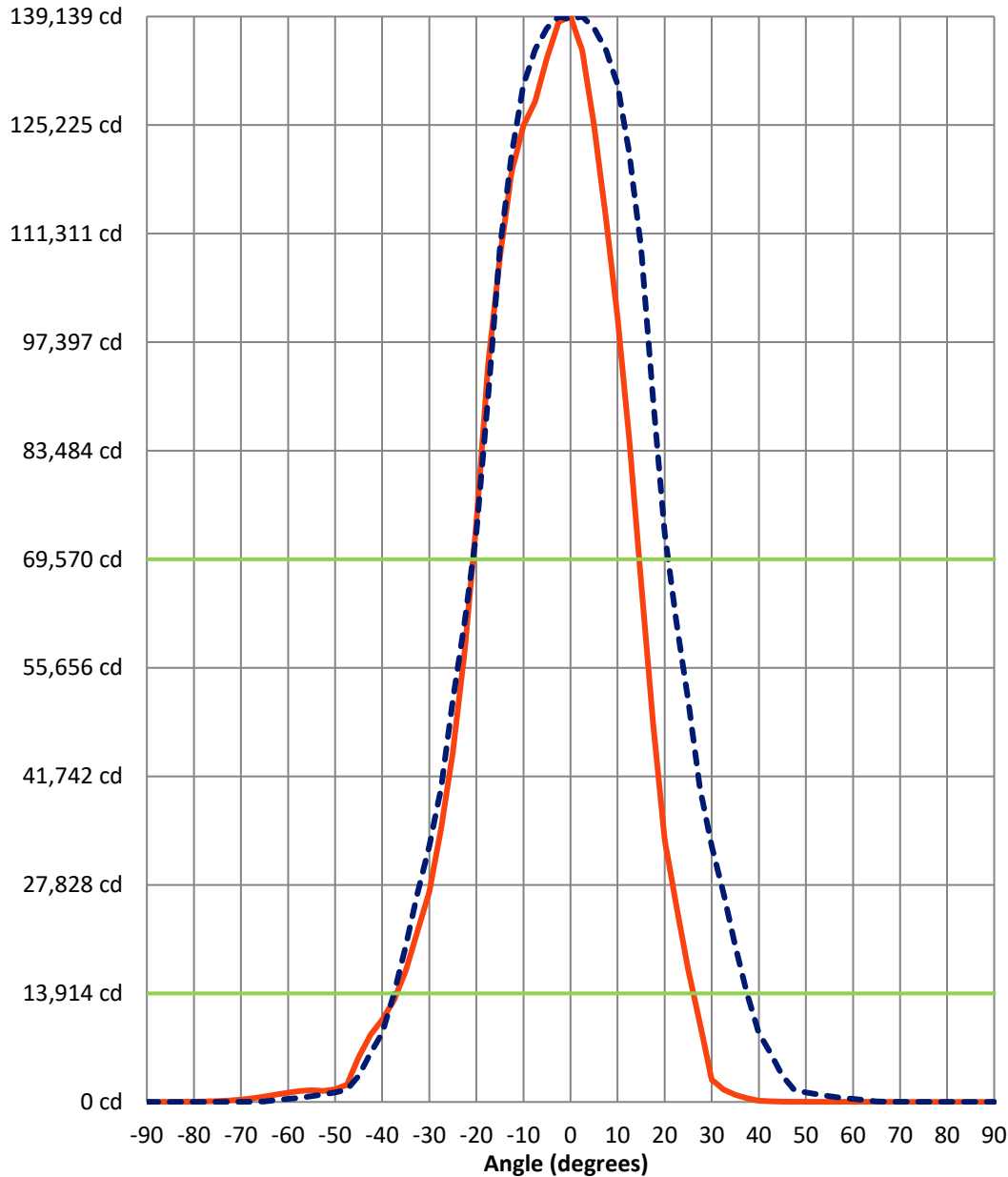
### Luminous Intensity Polar Plot



— 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: 37769.4  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 62908.7  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 5760.3  
 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°	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	8.3	8.2
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.5	8.5	8.3
70°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.7	8.9	8.9	8.9
67.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.6	9.2	9.4	9.3	9.6
65°	8.1	8.1	8.1	8.1	8.1	8.3	9.1	9.8	9.7	9.8	10.1
62.5°	8.1	8.1	8.1	8.1	8.1	8.7	9.6	10.0	9.9	10.1	10.1
60°	8.1	8.1	8.1	8.1	8.1	9.1	10.0	10.1	10.1	10.1	10.1
57.5°	8.1	8.1	8.1	8.1	8.4	9.4	10.1	10.1	10.1	10.1	10.1
55°	8.1	8.1	8.1	8.1	8.7	9.8	10.1	10.1	10.1	10.1	10.1
52.5°	8.1	8.1	8.1	8.1	9.0	10.1	10.1	10.1	10.1	10.1	10.1
50°	8.1	8.1	8.1	8.1	9.2	10.1	10.1	10.1	10.1	10.1	10.7
47.5°	8.1	8.1	8.1	8.1	9.5	10.1	10.1	10.1	10.1	10.1	11.4
45°	8.1	8.1	8.1	8.3	9.7	10.1	10.1	10.1	10.2	10.7	12.1
42.5°	8.1	8.1	8.1	8.5	10.0	10.1	10.1	10.2	10.3	11.3	12.7
40°	8.1	8.1	8.1	8.7	10.1	10.1	10.1	10.3	10.6	11.8	13.3
37.5°	8.1	8.1	8.1	8.8	10.1	10.1	10.1	10.6	11.2	12.5	13.9
35°	8.1	8.1	8.1	8.9	10.1	10.1	10.1	10.8	11.8	13.2	14.4
32.5°	8.1	8.1	8.1	9.0	10.1	10.1	10.2	11.1	12.4	14.0	15.4
30°	8.1	8.1	8.1	9.0	10.1	10.1	10.4	11.4	12.9	14.8	16.6
27.5°	8.1	8.1	8.1	9.0	10.0	10.1	10.6	11.9	13.5	15.7	17.9
25°	8.1	8.1	8.1	9.0	10.0	10.1	10.9	12.3	14.2	16.7	19.4
22.5°	8.1	8.1	8.1	9.0	10.0	10.1	11.1	12.7	14.9	17.9	22.9
20°	8.1	8.1	8.1	8.9	9.9	10.1	11.4	13.1	15.6	19.1	26.4
17.5°	8.1	8.1	8.1	8.9	10.0	10.1	11.6	13.4	16.3	20.3	30.0
15°	8.1	8.1	8.1	8.8	10.0	10.1	11.8	13.7	16.9	21.6	33.5
12.5°	8.1	8.1	8.1	8.7	10.0	10.1	11.9	13.9	17.6	22.8	36.9
10°	8.1	8.1	8.1	8.6	10.0	10.1	12.0	14.0	18.2	24.7	41.5
7.5°	8.1	8.1	8.1	8.5	10.0	10.1	12.1	14.1	18.8	26.7	49.0
5°	8.1	8.1	8.1	8.4	10.1	10.1	12.2	14.1	19.4	28.7	56.6
2.5°	8.1	8.1	8.1	8.2	10.1	10.1	12.2	14.2	19.9	30.6	64.0
0°	8.1	8.1	8.1	8.1	10.1	10.1	12.2	14.2	20.3	32.4	71.0
-2.5°	8.1	8.1	8.1	8.2	10.1	10.6	13.0	16.1	25.8	44.4	91.8
-5°	8.1	8.1	8.1	8.4	10.1	11.0	13.7	17.9	30.9	55.9	111.3
-7.5°	8.1	8.1	8.1	8.5	10.0	11.4	14.5	19.6	35.7	66.4	128.9
-10°	8.1	8.1	8.1	8.6	10.0	11.8	15.1	21.2	39.8	75.7	144.3
-12.5°	8.1	8.1	8.1	8.7	10.0	12.1	15.7	22.6	43.2	83.5	155.0
-15°	8.1	8.1	8.1	8.8	10.0	12.3	16.2	23.7	46.5	90.1	162.4
-17.5°	8.1	8.1	8.1	8.9	10.0	12.5	16.6	25.3	49.8	95.1	167.2
-20°	8.1	8.1	8.1	8.9	9.9	12.6	17.2	27.1	51.9	98.1	169.5



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 CATALOG NUMBER: EPH-08-680N-57-80-5S-CV2-A

**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	8.1	9.0	10.0	12.5	17.8	28.4	52.7	99.0	169.0
-25°	8.1	8.1	8.1	9.0	10.0	12.5	18.1	29.1	52.2	97.7	165.5
-27.5°	8.1	8.1	8.1	9.0	10.0	12.3	18.1	29.1	50.1	95.2	163.6
-30°	8.1	8.1	8.1	9.0	10.1	12.1	17.8	28.5	49.0	92.8	158.8
-32.5°	8.1	8.1	8.1	9.0	10.2	11.8	17.2	28.0	48.3	88.3	150.8
-35°	8.1	8.1	8.1	8.9	10.3	11.4	16.6	27.3	46.6	81.7	139.6
-37.5°	8.1	8.1	8.1	8.8	10.4	11.2	16.1	26.0	43.9	72.9	123.2
-40°	8.1	8.1	8.1	8.7	10.4	11.3	15.5	24.2	40.1	67.1	107.9
-42.5°	8.1	8.1	8.1	8.5	10.4	11.3	14.7	21.8	36.8	60.3	91.8
-45°	8.1	8.1	8.1	8.4	10.2	11.3	13.8	19.7	33.4	52.6	76.2
-47.5°	8.1	8.1	8.1	8.3	10.0	11.3	12.8	18.5	29.3	44.5	67.0
-50°	8.1	8.1	8.1	8.3	9.8	11.3	12.6	17.1	24.2	38.6	57.2
-52.5°	8.1	8.1	8.1	8.3	9.6	11.2	12.4	15.5	21.1	32.2	47.1
-55°	8.1	8.1	8.1	8.3	9.3	10.9	12.3	13.9	19.0	25.5	39.3
-57.5°	8.1	8.1	8.1	8.4	9.1	10.6	12.0	13.6	16.6	21.8	31.0
-60°	8.1	8.1	8.1	8.4	8.8	10.3	11.7	13.2	14.6	18.9	24.0
-62.5°	8.1	8.1	8.1	8.4	8.9	9.9	11.3	12.7	14.0	15.9	20.5
-65°	8.1	8.1	8.1	8.5	8.9	9.6	10.9	12.2	13.5	14.8	16.9
-67.5°	8.1	8.1	8.1	8.5	9.0	9.4	10.5	11.7	12.9	14.1	15.3
-70°	8.1	8.1	8.1	8.5	9.0	9.5	10.0	11.2	12.3	13.5	14.6
-72.5°	8.1	8.1	8.1	8.5	9.0	9.5	10.0	10.6	11.7	12.8	13.8
-75°	8.1	8.1	8.1	8.4	9.0	9.5	10.0	10.4	11.1	12.1	13.1
-77.5°	8.1	8.1	8.1	8.4	8.9	9.5	10.0	10.3	10.8	11.4	12.3
-80°	8.1	8.1	8.1	8.3	8.8	9.4	10.1	10.2	10.5	10.9	11.5
-82.5°	8.1	8.1	8.1	8.3	8.6	9.1	9.6	9.9	10.1	10.3	10.6
-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	7.6	7.1	6.6	6.1	6.1	6.1	6.1
87.5°	7.8	7.6	7.4	7.2	7.0	6.7	6.4	6.1	5.6	5.1	4.6
85°	8.1	8.1	8.1	8.1	7.6	7.1	6.6	6.1	5.8	5.6	5.5
82.5°	8.1	8.1	8.1	8.1	7.6	7.1	6.6	6.1	6.1	6.1	6.1
80°	8.1	8.1	8.1	8.1	7.7	7.2	6.7	6.2	6.1	6.2	6.2
77.5°	8.1	8.1	8.1	8.1	7.7	7.4	7.2	7.2	7.2	7.0	6.7
75°	8.1	8.1	8.2	8.2	8.0	8.0	8.1	8.1	7.8	7.3	6.8
72.5°	8.4	8.7	8.6	8.3	8.1	8.1	8.1	8.1	8.3	8.5	8.3
70°	9.2	9.3	8.9	8.4	8.1	8.3	9.2	10.3	11.3	11.2	11.0
67.5°	10.0	9.5	9.0	8.6	8.9	9.9	11.2	12.9	14.3	14.4	14.8
65°	10.0	9.6	9.3	9.5	10.0	11.8	13.7	15.5	19.8	22.5	23.8
62.5°	10.1	9.8	9.9	10.6	12.2	14.1	16.9	21.8	28.6	32.2	31.2
60°	10.1	10.0	10.8	12.3	14.1	16.0	20.4	27.2	36.1	42.5	38.7
57.5°	10.1	10.6	12.1	13.7	15.1	16.8	22.7	31.2	41.6	52.9	45.9
55°	10.4	11.5	13.1	14.5	16.0	17.4	23.7	33.3	45.1	51.9	45.2
52.5°	11.2	12.4	13.8	15.4	16.9	18.4	23.1	32.4	39.4	44.6	41.3
50°	12.0	13.2	14.6	16.1	17.9	19.7	20.5	28.0	33.6	36.0	35.8
47.5°	12.7	14.0	15.3	17.1	19.4	20.9	20.8	24.6	28.7	31.3	29.1
45°	13.4	14.8	16.1	18.7	21.1	22.4	23.6	22.7	29.3	31.0	29.8
42.5°	14.1	15.5	17.9	20.3	23.4	26.7	28.5	30.9	34.1	37.3	36.5
40°	14.8	16.3	20.4	25.2	27.3	33.5	39.6	43.2	44.6	47.4	47.5
37.5°	15.4	18.8	25.1	35.2	35.3	44.5	53.0	61.7	64.3	59.6	67.5
35°	16.0	21.7	38.0	50.1	52.0	59.0	73.3	86.4	94.3	89.8	97.1
32.5°	17.8	24.8	54.8	67.4	80.0	86.3	96.6	124.8	152.1	160.3	145.9
30°	21.0	40.2	73.8	86.5	116.1	135.7	141.8	179.8	236.8	286.6	384.8
27.5°	25.1	58.9	91.7	118.5	161.3	196.4	211.7	274.1	371.4	502.8	785.3
25°	29.3	78.7	110.6	159.4	220.4	261.2	286.3	374.2	537.6	956.9	1484.9
22.5°	39.6	98.8	134.6	204.8	287.1	322.5	375.6	495.4	769.5	1466.5	2342.4
20°	55.7	117.8	168.7	249.7	358.5	381.1	457.8	611.5	1087.0	2142.7	3195.1
17.5°	71.5	139.2	206.1	302.7	413.5	458.9	537.6	717.4	1353.3	2990.1	4302.0
15°	86.9	162.5	241.3	356.4	477.8	567.4	687.9	955.6	1862.3	3993.4	5767.3
12.5°	101.4	187.0	274.2	409.9	552.1	682.4	860.3	1344.0	2770.3	5165.6	7813.3
10°	115.0	211.9	304.8	462.1	633.6	801.6	1038.8	1768.9	3687.8	6185.7	9433.2
7.5°	146.5	249.8	339.1	512.0	718.9	922.1	1219.1	2211.0	4516.0	7048.9	10786.9
5°	181.4	301.1	404.4	590.3	808.6	1035.6	1384.2	2649.0	5242.2	7760.0	12006.2
2.5°	215.6	350.6	468.1	668.1	894.7	1134.3	1486.4	3030.7	5811.8	8361.7	13058.4
0°	247.4	397.4	529.2	740.1	973.3	1224.7	1573.5	3363.9	6245.2	8848.8	13887.6
-2.5°	286.3	447.5	596.9	808.6	999.7	1227.4	1574.8	3240.9	6339.5	9309.0	13576.5
-5°	320.0	493.2	659.7	870.9	1023.2	1223.6	1562.1	3052.9	6287.5	9555.5	13325.8
-7.5°	347.0	533.8	716.4	920.5	1044.9	1236.2	1592.6	3094.4	6200.9	9555.5	13168.5
-10°	362.7	545.4	716.8	917.8	1058.9	1252.2	1613.4	3021.2	5936.6	9357.6	12848.8
-12.5°	348.7	531.1	702.0	905.8	1067.8	1255.5	1606.7	2814.4	5491.1	8954.2	12449.7
-15°	332.1	513.8	680.9	883.7	1071.0	1244.5	1569.2	2459.9	4761.0	8085.4	11968.3
-17.5°	313.6	494.1	653.5	850.8	1068.3	1218.3	1478.0	1899.1	3816.1	6871.6	10863.9
-20°	293.9	472.2	619.3	806.3	1053.7	1157.9	1339.3	1684.7	3010.8	5510.9	9127.3



REPORT NUMBER: P1306414 (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°	273.7	448.6	583.8	762.4	968.5	1085.1	1209.7	1458.4	2128.7	3981.4	6882.1
-25°	262.2	418.7	552.8	704.5	881.2	1017.1	1079.3	1235.9	1571.5	2922.7	5024.4
-27.5°	257.0	390.3	514.6	644.9	801.5	945.9	991.5	1092.8	1343.6	1885.4	3394.2
-30°	248.0	351.6	472.6	587.9	731.7	860.5	927.3	991.4	1151.5	1444.4	2280.1
-32.5°	228.4	312.4	427.3	538.8	662.9	787.8	888.3	949.8	1050.5	1203.5	1480.7
-35°	204.2	283.4	381.3	485.7	595.0	720.3	833.7	923.8	972.6	1078.0	1263.6
-37.5°	182.1	252.0	335.1	432.1	533.9	650.0	774.7	873.1	944.7	995.2	1128.2
-40°	158.7	218.3	295.7	381.8	473.5	579.6	694.4	808.6	899.3	974.8	1033.9
-42.5°	134.9	191.1	256.4	332.3	419.2	512.1	610.7	722.8	835.4	933.5	1008.1
-45°	116.4	162.9	216.7	289.3	365.9	447.0	536.4	629.2	750.0	861.3	954.0
-47.5°	97.1	135.7	185.2	245.4	315.7	387.9	463.2	556.1	656.6	766.3	872.2
-50°	79.5	114.0	153.6	208.0	268.1	331.9	398.9	483.7	576.3	670.0	766.9
-52.5°	67.9	91.7	128.4	171.0	224.0	281.0	342.8	415.2	497.3	582.9	668.7
-55°	55.6	76.3	103.5	139.5	181.1	232.1	290.2	353.1	417.6	495.5	572.6
-57.5°	44.9	62.5	83.9	110.6	145.1	183.3	237.2	293.2	352.3	412.6	476.8
-60°	34.9	49.4	67.6	88.3	112.0	145.9	184.3	232.7	285.3	338.2	392.3
-62.5°	25.5	37.3	52.1	69.3	89.0	110.2	141.2	177.7	217.1	261.2	306.5
-65°	21.4	26.6	37.2	51.5	67.3	85.8	106.0	127.7	159.7	191.2	222.5
-67.5°	17.1	21.5	26.5	33.6	47.0	61.7	77.2	95.5	114.8	132.4	152.9
-70°	15.6	16.7	20.3	25.0	30.2	38.2	51.2	65.0	78.7	92.0	106.9
-72.5°	14.6	15.5	16.5	17.8	21.7	26.5	31.9	37.7	46.6	57.1	67.6
-75°	13.7	14.1	14.9	15.8	16.9	18.2	20.1	24.4	29.0	33.6	37.9
-77.5°	12.8	13.2	13.5	13.9	14.3	15.2	16.2	17.3	18.8	20.6	22.6
-80°	11.9	12.2	12.5	12.8	12.8	12.9	13.1	13.5	14.0	14.7	15.7
-82.5°	10.9	11.1	11.4	11.6	11.4	11.0	10.8	10.6	11.0	11.3	11.6
-85°	9.9	10.1	10.3	10.4	10.1	9.7	9.3	8.9	9.0	9.2	9.3
-87.5°	9.0	9.1	9.2	9.2	8.8	8.4	8.0	7.5	7.6	7.6	7.7
-90°	7.6	7.1	6.6	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1	9.1	10.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.1
85°	5.4	5.1	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.6	3.1
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°	6.1	5.8	5.6	5.4	5.4	5.2	4.9	4.5	4.1	3.6	3.1
77.5°	6.2	6.1	6.1	6.1	6.1	5.7	5.2	4.7	4.2	3.6	3.1
75°	6.3	6.2	6.3	6.3	6.2	5.9	5.8	5.7	5.7	5.4	5.0
72.5°	8.0	7.6	7.5	7.3	7.0	6.9	6.8	6.5	6.2	6.0	6.0
70°	10.9	10.7	10.4	10.1	9.7	9.3	9.0	8.5	7.9	7.7	7.8
67.5°	16.0	16.3	16.1	15.4	13.8	12.4	11.6	10.8	9.9	9.9	10.6
65°	23.4	20.5	18.6	17.0	15.6	14.4	13.7	12.9	12.0	12.3	14.0
62.5°	27.8	21.8	18.6	17.4	16.7	16.0	14.9	14.1	13.7	14.1	15.5
60°	32.3	23.4	17.4	16.3	15.3	14.3	14.2	14.2	14.2	14.4	15.0
57.5°	34.6	24.0	16.1	15.5	15.0	14.4	14.4	14.6	14.5	14.3	14.8
55°	33.8	24.1	16.6	15.8	15.7	15.9	15.9	15.1	14.5	14.2	14.8
52.5°	30.8	23.2	17.8	16.3	16.3	15.5	14.3	15.0	15.8	16.5	17.3
50°	27.4	21.9	19.1	17.7	17.8	17.9	17.8	18.9	19.9	20.6	21.4
47.5°	25.2	21.9	21.8	21.4	22.0	23.1	23.6	24.7	27.8	29.4	30.1
45°	25.4	26.9	28.0	29.1	29.0	34.7	38.9	41.2	43.8	46.3	48.4
42.5°	34.3	38.3	41.8	47.1	50.3	59.8	64.8	58.6	71.5	82.8	85.4
40°	52.6	58.2	70.7	84.6	101.3	108.5	142.3	143.8	158.5	195.1	206.9
37.5°	80.0	96.2	139.6	176.3	234.6	269.3	312.1	353.3	386.5	420.4	443.6
35°	124.7	207.6	272.9	387.4	465.8	505.3	556.3	617.2	643.0	749.9	831.6
32.5°	266.5	415.3	592.7	684.2	786.9	865.5	854.5	1107.7	1205.3	1366.0	1496.7
30°	492.4	848.1	1324.3	1324.4	1305.9	1739.0	1897.6	2224.6	2559.9	2783.4	3317.5
27.5°	1138.4	1893.0	2647.4	2662.6	2989.5	3893.8	4408.8	4563.5	6018.6	6953.0	8227.5
25°	2097.7	3339.8	4380.4	4864.7	5835.4	7308.7	8180.9	9220.9	11392.5	13867.0	15429.3
22.5°	3124.2	4447.8	6011.6	7114.4	8974.8	10870.1	12456.3	14751.2	17669.8	20431.1	22299.2
20°	3896.9	5451.9	7660.6	9977.1	12333.9	14709.9	17173.8	20327.2	24278.2	27640.5	30679.5
17.5°	5472.3	7116.5	10105.8	13256.5	16455.3	18993.7	22884.8	26666.7	31480.3	36359.3	40138.4
15°	7803.6	10453.9	13444.7	17531.7	22030.7	25915.1	30040.7	36677.7	42533.7	48804.5	54407.4
12.5°	10795.2	14307.7	18271.0	22971.2	28867.9	34963.9	41256.0	48261.4	55920.7	63453.2	71449.1
10°	13588.4	18415.9	23532.9	29316.3	36064.2	43762.6	51450.5	59388.0	70031.4	79677.7	88228.0
7.5°	15517.0	21202.6	27483.0	34551.9	42880.9	51068.8	59753.1	70545.6	82979.7	93918.0	102680.6
5°	17248.8	23691.5	29962.5	37108.6	46792.2	56151.0	66412.0	79548.0	93702.4	105697.7	114430.4
2.5°	18756.6	25689.7	31779.7	38978.9	49610.9	59348.1	70552.9	86208.0	102697.4	114712.6	123926.6
0°	19996.9	26763.3	32807.8	40223.0	51464.5	61493.4	72988.3	90397.9	109379.0	121516.6	130373.5
-2.5°	18796.1	24934.3	30900.8	38411.4	49739.8	60010.7	72434.7	90143.4	108771.1	121862.3	131007.4
-5°	17889.0	23494.5	29158.5	36590.3	46554.1	56077.9	67736.2	85948.3	105554.6	118782.2	128035.6
-7.5°	17186.1	22078.1	27227.8	34071.1	43185.8	53285.3	65785.3	83357.0	101883.7	115261.8	123646.3
-10°	16419.8	20622.4	26234.7	33132.2	41995.7	51623.9	62728.7	78983.3	97702.6	110574.3	120394.6
-12.5°	16186.4	20623.8	26276.9	32265.8	40418.8	49664.9	60252.2	74097.7	88445.8	101943.3	110555.2
-15°	15809.9	20313.1	25845.5	31478.3	38869.7	47774.7	56612.9	66844.8	78837.2	88590.1	97586.4
-17.5°	15071.8	19399.1	23556.9	28820.2	36014.1	44269.6	50966.4	59013.1	67665.5	75102.4	81888.3
-20°	13305.0	16247.8	20188.5	25151.8	31316.8	38001.6	44098.9	49904.5	55464.9	61130.6	65055.4



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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°	10180.8	13006.7	16310.7	20433.6	25320.7	31146.5	36534.8	40466.9	44889.9	48969.5	52323.7
-25°	7445.1	9515.6	12599.4	16117.4	19306.7	23972.8	28108.0	30763.5	34645.9	37695.7	40599.1
-27.5°	5384.0	7411.7	9926.5	12706.3	15097.5	17604.3	21254.6	23790.4	26843.9	29182.5	31604.2
-30°	3674.8	5907.8	8225.4	10499.2	12318.4	14212.2	16235.1	18736.4	21187.7	23152.5	24902.0
-32.5°	2548.8	4166.9	6431.8	8550.3	10194.5	11638.4	12967.7	14867.9	16702.2	18301.4	19612.7
-35°	1561.5	2709.1	4277.7	6295.1	8033.2	9420.8	10646.6	11857.0	13030.5	14233.7	15247.5
-37.5°	1321.1	1595.0	2572.5	3961.6	5617.3	7161.6	8362.4	9361.8	10247.6	11163.3	11884.1
-40°	1167.5	1331.3	1576.6	2084.8	3358.3	4642.1	5936.8	7012.4	7986.6	8798.6	9429.8
-42.5°	1066.2	1175.8	1295.2	1494.5	1730.6	2359.9	3473.3	4558.8	5615.6	6501.7	7244.5
-45°	1034.7	1089.8	1154.4	1261.0	1358.7	1550.2	1756.9	1971.0	2811.2	3702.6	4488.1
-47.5°	963.2	1051.3	1109.9	1155.8	1210.2	1296.8	1376.2	1477.3	1670.4	1861.8	2018.1
-50°	868.3	964.6	1045.6	1124.1	1179.6	1217.4	1246.3	1298.7	1375.6	1450.4	1510.8
-52.5°	753.4	846.8	941.0	1036.4	1115.1	1188.0	1256.5	1303.9	1339.8	1370.3	1386.0
-55°	648.8	727.0	805.7	901.7	996.9	1088.2	1176.0	1250.8	1320.6	1385.7	1422.6
-57.5°	546.7	614.0	684.2	770.0	854.6	937.7	1022.7	1109.1	1193.5	1272.3	1318.0
-60°	449.4	509.1	572.6	641.9	715.3	792.0	865.3	938.5	1011.0	1075.3	1113.1
-62.5°	354.2	404.5	456.1	510.8	568.6	629.0	689.8	751.4	812.8	864.4	896.2
-65°	257.2	298.2	337.7	377.7	418.2	464.0	512.2	559.1	604.4	639.9	663.1
-67.5°	179.9	206.4	230.5	254.1	282.9	315.4	350.0	383.8	416.2	440.7	457.1
-70°	122.1	136.8	150.1	165.5	184.4	203.8	224.1	243.7	262.3	276.5	287.4
-72.5°	78.0	87.8	97.2	107.8	117.9	129.1	140.8	151.9	162.3	169.6	175.3
-75°	42.1	47.4	55.1	62.4	69.1	77.2	85.5	93.3	100.6	104.5	107.1
-77.5°	25.8	29.3	32.6	35.8	38.8	43.2	48.1	53.0	57.9	60.1	61.7
-80°	16.9	18.5	20.2	21.9	23.7	26.3	29.0	31.7	34.4	35.2	35.8
-82.5°	12.0	12.5	13.1	13.8	14.4	16.1	17.9	19.6	21.4	22.7	23.9
-85°	9.4	9.5	9.6	9.6	9.7	10.6	11.6	12.7	13.8	14.4	15.0
-87.5°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.6	9.1
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.1



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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°	11.2	12.2	11.2	10.1	11.2	12.2	11.2	10.1	9.1	8.1	7.6
87.5°	2.5	2.0	1.0	0.0	1.0	2.0	2.5	3.1	3.6	4.1	4.1
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.1
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°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.5
77.5°	2.6	2.0	3.0	4.1	3.0	2.0	2.6	3.1	3.6	4.2	4.7
75°	4.5	4.1	4.1	4.1	4.1	4.1	4.5	5.0	5.4	5.7	5.7
72.5°	6.0	6.0	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.2	6.5
70°	8.0	8.0	8.1	8.1	8.1	8.0	8.0	7.8	7.7	7.9	8.5
67.5°	11.3	12.0	12.2	12.2	12.2	12.0	11.3	10.6	9.9	9.9	10.8
65°	15.8	17.7	17.3	16.2	17.3	17.7	15.8	14.0	12.3	12.0	12.9
62.5°	16.8	17.9	18.2	18.2	18.2	17.9	16.8	15.5	14.1	13.7	14.1
60°	15.6	16.1	16.2	16.2	16.2	16.1	15.6	15.0	14.4	14.2	14.2
57.5°	15.4	16.0	16.2	16.2	16.2	16.0	15.4	14.8	14.3	14.5	14.6
55°	15.4	16.0	16.2	16.2	16.2	16.0	15.4	14.8	14.2	14.5	15.1
52.5°	17.8	18.0	18.2	18.2	18.2	18.0	17.8	17.3	16.5	15.8	15.0
50°	22.5	23.6	22.8	20.3	22.8	23.6	22.5	21.4	20.6	19.9	18.9
47.5°	30.0	29.0	28.3	28.4	28.3	29.0	30.0	30.1	29.4	27.8	24.7
45°	49.0	48.6	48.3	48.7	48.3	48.6	49.0	48.4	46.3	43.8	41.2
42.5°	88.4	88.6	87.2	85.2	87.2	88.6	88.4	85.4	82.8	71.5	58.6
40°	206.4	189.2	165.8	152.1	165.8	189.2	206.4	206.9	195.1	158.5	143.8
37.5°	464.8	478.4	479.6	470.4	479.6	478.4	464.8	443.6	420.4	386.5	353.3
35°	883.2	914.8	916.6	900.3	916.6	914.8	883.2	831.6	749.9	643.0	617.2
32.5°	1494.6	1565.7	1592.4	1585.6	1592.4	1565.7	1494.6	1496.7	1366.0	1205.3	1107.7
30°	3069.0	3090.4	2871.9	2471.7	2871.9	3090.4	3069.0	3317.5	2783.4	2559.9	2224.6
27.5°	8919.0	9742.1	10040.7	9909.3	10040.7	9742.1	8919.0	8227.5	6953.0	6018.6	4563.5
25°	15877.9	16420.3	16961.7	17024.4	16961.7	16420.3	15877.9	15429.3	13867.0	11392.5	9220.9
22.5°	23593.2	24364.0	25095.6	24928.3	25095.6	24364.0	23593.2	22299.2	20431.1	17669.8	14751.2
20°	32609.6	33141.2	33681.0	33083.6	33681.0	33141.2	32609.6	30679.5	27640.5	24278.2	20327.2
17.5°	44096.9	46599.8	48821.7	47816.7	48821.7	46599.8	44096.9	40138.4	36359.3	31480.3	26666.7
15°	59682.9	64039.3	66594.3	66459.1	66594.3	64039.3	59682.9	54407.4	48804.5	42533.7	36677.7
12.5°	77643.6	82196.1	84803.6	84264.2	84803.6	82196.1	77643.6	71449.1	63453.2	55920.7	48261.4
10°	93848.1	97423.0	100521.1	101734.6	100521.1	97423.0	93848.1	88228.0	79677.7	70031.4	59388.0
7.5°	108160.7	110824.2	113408.4	113870.3	113408.4	110824.2	108160.7	102680.6	93918.0	82979.7	70545.6
5°	119942.9	123716.4	125177.3	125756.5	125177.3	123716.4	119942.9	114430.4	105697.7	93702.4	79548.0
2.5°	129451.9	132903.7	134731.0	134191.6	134731.0	132903.7	129451.9	123926.6	114712.6	102697.4	86208.0
0°	134914.5	137646.8	139139.2	138782.3	139139.2	137646.8	134914.5	130373.5	121516.6	109379.0	90397.9
-2.5°	135452.9	137290.2	138457.5	137999.6	138457.5	137290.2	135452.9	131007.4	121862.3	108771.1	90143.4
-5°	131727.7	133222.9	133836.2	134098.4	133836.2	133222.9	131727.7	128035.6	118782.2	105554.6	85948.3
-7.5°	126595.0	128603.4	128298.0	128826.4	128298.0	128603.4	126595.0	123646.3	115261.8	101883.7	83357.0
-10°	123538.0	125391.6	125123.1	125265.8	125123.1	125391.6	123538.0	120394.6	110574.3	97702.6	78983.3
-12.5°	116120.6	118811.8	119225.0	119688.6	119225.0	118811.8	116120.6	110555.2	101943.3	88445.8	74097.7
-15°	103491.3	106448.4	108236.4	108638.9	108236.4	106448.4	103491.3	97586.4	88590.1	78837.2	66844.8
-17.5°	87529.9	91619.5	94494.6	95162.9	94494.6	91619.5	87529.9	81888.3	75102.4	67665.5	59013.1
-20°	69848.6	72776.0	74265.7	75068.7	74265.7	72776.0	69848.6	65055.4	61130.6	55464.9	49904.5



REPORT NUMBER: P1306414 (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°	54977.1	56910.4	57740.5	57876.0	57740.5	56910.4	54977.1	52323.7	48969.5	44889.9	40466.9
-25°	42950.3	44268.1	44832.9	45667.3	44832.9	44268.1	42950.3	40599.1	37695.7	34645.9	30763.5
-27.5°	33330.9	34489.6	35006.3	35774.3	35006.3	34489.6	33330.9	31604.2	29182.5	26843.9	23790.4
-30°	26082.1	26780.0	26954.3	26992.4	26954.3	26780.0	26082.1	24902.0	23152.5	21187.7	18736.4
-32.5°	20631.0	21417.1	21886.4	22095.6	21886.4	21417.1	20631.0	19612.7	18301.4	16702.2	14867.9
-35°	16006.7	16524.8	16833.2	17180.5	16833.2	16524.8	16006.7	15247.5	14233.7	13030.5	11857.0
-37.5°	12444.7	12828.9	13041.5	13113.0	13041.5	12828.9	12444.7	11884.1	11163.3	10247.6	9361.8
-40°	9933.3	10314.8	10543.9	10578.4	10543.9	10314.8	9933.3	9429.8	8798.6	7986.6	7012.4
-42.5°	7808.9	8284.3	8591.7	8662.2	8591.7	8284.3	7808.9	7244.5	6501.7	5615.6	4558.8
-45°	5062.5	5504.9	5739.1	5724.1	5739.1	5504.9	5062.5	4488.1	3702.6	2811.2	1971.0
-47.5°	2118.1	2189.4	2220.0	2210.2	2220.0	2189.4	2118.1	2018.1	1861.8	1670.4	1477.3
-50°	1558.5	1598.9	1621.1	1626.2	1621.1	1598.9	1558.5	1510.8	1450.4	1375.6	1298.7
-52.5°	1399.5	1414.3	1419.5	1419.4	1419.5	1414.3	1399.5	1386.0	1370.3	1339.8	1303.9
-55°	1457.0	1489.6	1502.4	1502.5	1502.4	1489.6	1457.0	1422.6	1385.7	1320.6	1250.8
-57.5°	1359.4	1396.1	1413.0	1417.3	1413.0	1396.1	1359.4	1318.0	1272.3	1193.5	1109.1
-60°	1147.0	1176.4	1189.3	1192.3	1189.3	1176.4	1147.0	1113.1	1075.3	1011.0	938.5
-62.5°	923.5	945.8	952.7	951.0	952.7	945.8	923.5	896.2	864.4	812.8	751.4
-65°	682.5	697.9	699.1	693.5	699.1	697.9	682.5	663.1	639.9	604.4	559.1
-67.5°	470.2	479.9	480.4	476.5	480.4	479.9	470.2	457.1	440.7	416.2	383.8
-70°	296.6	304.0	304.4	302.1	304.4	304.0	296.6	287.4	276.5	262.3	243.7
-72.5°	180.3	184.3	187.9	190.6	187.9	184.3	180.3	175.3	169.6	162.3	151.9
-75°	109.0	110.4	110.3	109.5	110.3	110.4	109.0	107.1	104.5	100.6	93.3
-77.5°	63.2	64.3	66.7	68.9	66.7	64.3	63.2	61.7	60.1	57.9	53.0
-80°	36.1	36.3	37.4	38.5	37.4	36.3	36.1	35.8	35.2	34.4	31.7
-82.5°	25.1	26.3	26.4	26.4	26.4	26.3	25.1	23.9	22.7	21.4	19.6
-85°	15.6	16.1	17.2	18.2	17.2	16.1	15.6	15.0	14.4	13.8	12.7
-87.5°	9.6	10.1	10.1	10.1	10.1	10.1	9.6	9.1	8.6	8.1	8.1
-90°	2.5	2.0	1.0	0.0	1.0	2.0	2.5	3.1	3.6	4.1	4.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.1	6.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.6	6.1
85°	4.1	4.1	4.1	4.5	4.8	5.1	5.4	5.5	5.6	5.8	6.1
82.5°	4.1	4.1	4.1	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
80°	4.9	5.2	5.4	5.4	5.6	5.8	6.1	6.2	6.2	6.1	6.2
77.5°	5.2	5.7	6.1	6.1	6.1	6.1	6.2	6.7	7.0	7.2	7.2
75°	5.8	5.9	6.2	6.3	6.3	6.2	6.3	6.8	7.3	7.8	8.1
72.5°	6.8	6.9	7.0	7.3	7.5	7.6	8.0	8.3	8.5	8.3	8.1
70°	9.0	9.3	9.7	10.1	10.4	10.7	10.9	11.0	11.2	11.3	10.3
67.5°	11.6	12.4	13.8	15.4	16.1	16.3	16.0	14.8	14.4	14.3	12.9
65°	13.7	14.4	15.6	17.0	18.6	20.5	23.4	23.8	22.5	19.8	15.5
62.5°	14.9	16.0	16.7	17.4	18.6	21.8	27.8	31.2	32.2	28.6	21.8
60°	14.2	14.3	15.3	16.3	17.4	23.4	32.3	38.7	42.5	36.1	27.2
57.5°	14.4	14.4	15.0	15.5	16.1	24.0	34.6	45.9	52.9	41.6	31.2
55°	15.9	15.9	15.7	15.8	16.6	24.1	33.8	45.2	51.9	45.1	33.3
52.5°	14.3	15.5	16.3	16.3	17.8	23.2	30.8	41.3	44.6	39.4	32.4
50°	17.8	17.9	17.8	17.7	19.1	21.9	27.4	35.8	36.0	33.6	28.0
47.5°	23.6	23.1	22.0	21.4	21.8	21.9	25.2	29.1	31.3	28.7	24.6
45°	38.9	34.7	29.0	29.1	28.0	26.9	25.4	29.8	31.0	29.3	22.7
42.5°	64.8	59.8	50.3	47.1	41.8	38.3	34.3	36.5	37.3	34.1	30.9
40°	142.3	108.5	101.3	84.6	70.7	58.2	52.6	47.5	47.4	44.6	43.2
37.5°	312.1	269.3	234.6	176.3	139.6	96.2	80.0	67.5	59.6	64.3	61.7
35°	556.3	505.3	465.8	387.4	272.9	207.6	124.7	97.1	89.8	94.3	86.4
32.5°	854.5	865.5	786.9	684.2	592.7	415.3	266.5	145.9	160.3	152.1	124.8
30°	1897.6	1739.0	1305.9	1324.4	1324.3	848.1	492.4	384.8	286.6	236.8	179.8
27.5°	4408.8	3893.8	2989.5	2662.6	2647.4	1893.0	1138.4	785.3	502.8	371.4	274.1
25°	8180.9	7308.7	5835.4	4864.7	4380.4	3339.8	2097.7	1484.9	956.9	537.6	374.2
22.5°	12456.3	10870.1	8974.8	7114.4	6011.6	4447.8	3124.2	2342.4	1466.5	769.5	495.4
20°	17173.8	14709.9	12333.9	9977.1	7660.6	5451.9	3896.9	3195.1	2142.7	1087.0	611.5
17.5°	22884.8	18993.7	16455.3	13256.5	10105.8	7116.5	5472.3	4302.0	2990.1	1353.3	717.4
15°	30040.7	25915.1	22030.7	17531.7	13444.7	10453.9	7803.6	5767.3	3993.4	1862.3	955.6
12.5°	41256.0	34963.9	28867.9	22971.2	18271.0	14307.7	10795.2	7813.3	5165.6	2770.3	1344.0
10°	51450.5	43762.6	36064.2	29316.3	23532.9	18415.9	13588.4	9433.2	6185.7	3687.8	1768.9
7.5°	59753.1	51068.8	42880.9	34551.9	27483.0	21202.6	15517.0	10786.9	7048.9	4516.0	2211.0
5°	66412.0	56151.0	46792.2	37108.6	29962.5	23691.5	17248.8	12006.2	7760.0	5242.2	2649.0
2.5°	70552.9	59348.1	49610.9	38978.9	31779.7	25689.7	18756.6	13058.4	8361.7	5811.8	3030.7
0°	72988.3	61493.4	51464.5	40223.0	32807.8	26763.3	19996.9	13887.6	8848.8	6245.2	3363.9
-2.5°	72434.7	60010.7	49739.8	38411.4	30900.8	24934.3	18796.1	13576.5	9309.0	6339.5	3240.9
-5°	67736.2	56077.9	46554.1	36590.3	29158.5	23494.5	17889.0	13325.8	9555.5	6287.5	3052.9
-7.5°	65785.3	53285.3	43185.8	34071.1	27227.8	22078.1	17186.1	13168.5	9555.5	6200.9	3094.4
-10°	62728.7	51623.9	41995.7	33132.2	26234.7	20622.4	16419.8	12848.8	9357.6	5936.6	3021.2
-12.5°	60252.2	49664.9	40418.8	32265.8	26276.9	20623.8	16186.4	12449.7	8954.2	5491.1	2814.4
-15°	56612.9	47774.7	38869.7	31478.3	25845.5	20313.1	15809.9	11968.3	8085.4	4761.0	2459.9
-17.5°	50966.4	44269.6	36014.1	28820.2	23556.9	19399.1	15071.8	10863.9	6871.6	3816.1	1899.1
-20°	44098.9	38001.6	31316.8	25151.8	20188.5	16247.8	13305.0	9127.3	5510.9	3010.8	1684.7



REPORT NUMBER: P1306414 (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°	36534.8	31146.5	25320.7	20433.6	16310.7	13006.7	10180.8	6882.1	3981.4	2128.7	1458.4
-25°	28108.0	23972.8	19306.7	16117.4	12599.4	9515.6	7445.1	5024.4	2922.7	1571.5	1235.9
-27.5°	21254.6	17604.3	15097.5	12706.3	9926.5	7411.7	5384.0	3394.2	1885.4	1343.6	1092.8
-30°	16235.1	14212.2	12318.4	10499.2	8225.4	5907.8	3674.8	2280.1	1444.4	1151.5	991.4
-32.5°	12967.7	11638.4	10194.5	8550.3	6431.8	4166.9	2548.8	1480.7	1203.5	1050.5	949.8
-35°	10646.6	9420.8	8033.2	6295.1	4277.7	2709.1	1561.5	1263.6	1078.0	972.6	923.8
-37.5°	8362.4	7161.6	5617.3	3961.6	2572.5	1595.0	1321.1	1128.2	995.2	944.7	873.1
-40°	5936.8	4642.1	3358.3	2084.8	1576.6	1331.3	1167.5	1033.9	974.8	899.3	808.6
-42.5°	3473.3	2359.9	1730.6	1494.5	1295.2	1175.8	1066.2	1008.1	933.5	835.4	722.8
-45°	1756.9	1550.2	1358.7	1261.0	1154.4	1089.8	1034.7	954.0	861.3	750.0	629.2
-47.5°	1376.2	1296.8	1210.2	1155.8	1109.9	1051.3	963.2	872.2	766.3	656.6	556.1
-50°	1246.3	1217.4	1179.6	1124.1	1045.6	964.6	868.3	766.9	670.0	576.3	483.7
-52.5°	1256.5	1188.0	1115.1	1036.4	941.0	846.8	753.4	668.7	582.9	497.3	415.2
-55°	1176.0	1088.2	996.9	901.7	805.7	727.0	648.8	572.6	495.5	417.6	353.1
-57.5°	1022.7	937.7	854.6	770.0	684.2	614.0	546.7	476.8	412.6	352.3	293.2
-60°	865.3	792.0	715.3	641.9	572.6	509.1	449.4	392.3	338.2	285.3	232.7
-62.5°	689.8	629.0	568.6	510.8	456.1	404.5	354.2	306.5	261.2	217.1	177.7
-65°	512.2	464.0	418.2	377.7	337.7	298.2	257.2	222.5	191.2	159.7	127.7
-67.5°	350.0	315.4	282.9	254.1	230.5	206.4	179.9	152.9	132.4	114.8	95.5
-70°	224.1	203.8	184.4	165.5	150.1	136.8	122.1	106.9	92.0	78.7	65.0
-72.5°	140.8	129.1	117.9	107.8	97.2	87.8	78.0	67.6	57.1	46.6	37.7
-75°	85.5	77.2	69.1	62.4	55.1	47.4	42.1	37.9	33.6	29.0	24.4
-77.5°	48.1	43.2	38.8	35.8	32.6	29.3	25.8	22.6	20.6	18.8	17.3
-80°	29.0	26.3	23.7	21.9	20.2	18.5	16.9	15.7	14.7	14.0	13.5
-82.5°	17.9	16.1	14.4	13.8	13.1	12.5	12.0	11.6	11.3	11.0	10.6
-85°	11.6	10.6	9.7	9.6	9.6	9.5	9.4	9.3	9.2	9.0	8.9
-87.5°	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.6	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°	6.6	7.1	7.6	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°	6.6	7.1	7.6	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	6.7	7.2	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	7.2	7.4	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.0	8.0	8.2	8.2	8.1	8.1	8.2	8.3	8.1	8.1
72.5°	8.1	8.1	8.1	8.3	8.6	8.7	8.4	8.3	8.5	8.5	8.2
70°	9.2	8.3	8.1	8.4	8.9	9.3	9.2	8.9	8.9	8.9	8.7
67.5°	11.2	9.9	8.9	8.6	9.0	9.5	10.0	9.6	9.3	9.4	9.2
65°	13.7	11.8	10.0	9.5	9.3	9.6	10.0	10.1	9.8	9.7	9.8
62.5°	16.9	14.1	12.2	10.6	9.9	9.8	10.1	10.1	10.1	9.9	10.0
60°	20.4	16.0	14.1	12.3	10.8	10.0	10.1	10.1	10.1	10.1	10.1
57.5°	22.7	16.8	15.1	13.7	12.1	10.6	10.1	10.1	10.1	10.1	10.1
55°	23.7	17.4	16.0	14.5	13.1	11.5	10.4	10.1	10.1	10.1	10.1
52.5°	23.1	18.4	16.9	15.4	13.8	12.4	11.2	10.1	10.1	10.1	10.1
50°	20.5	19.7	17.9	16.1	14.6	13.2	12.0	10.7	10.1	10.1	10.1
47.5°	20.8	20.9	19.4	17.1	15.3	14.0	12.7	11.4	10.1	10.1	10.1
45°	23.6	22.4	21.1	18.7	16.1	14.8	13.4	12.1	10.7	10.2	10.1
42.5°	28.5	26.7	23.4	20.3	17.9	15.5	14.1	12.7	11.3	10.3	10.2
40°	39.6	33.5	27.3	25.2	20.4	16.3	14.8	13.3	11.8	10.6	10.3
37.5°	53.0	44.5	35.3	35.2	25.1	18.8	15.4	13.9	12.5	11.2	10.6
35°	73.3	59.0	52.0	50.1	38.0	21.7	16.0	14.4	13.2	11.8	10.8
32.5°	96.6	86.3	80.0	67.4	54.8	24.8	17.8	15.4	14.0	12.4	11.1
30°	141.8	135.7	116.1	86.5	73.8	40.2	21.0	16.6	14.8	12.9	11.4
27.5°	211.7	196.4	161.3	118.5	91.7	58.9	25.1	17.9	15.7	13.5	11.9
25°	286.3	261.2	220.4	159.4	110.6	78.7	29.3	19.4	16.7	14.2	12.3
22.5°	375.6	322.5	287.1	204.8	134.6	98.8	39.6	22.9	17.9	14.9	12.7
20°	457.8	381.1	358.5	249.7	168.7	117.8	55.7	26.4	19.1	15.6	13.1
17.5°	537.6	458.9	413.5	302.7	206.1	139.2	71.5	30.0	20.3	16.3	13.4
15°	687.9	567.4	477.8	356.4	241.3	162.5	86.9	33.5	21.6	16.9	13.7
12.5°	860.3	682.4	552.1	409.9	274.2	187.0	101.4	36.9	22.8	17.6	13.9
10°	1038.8	801.6	633.6	462.1	304.8	211.9	115.0	41.5	24.7	18.2	14.0
7.5°	1219.1	922.1	718.9	512.0	339.1	249.8	146.5	49.0	26.7	18.8	14.1
5°	1384.2	1035.6	808.6	590.3	404.4	301.1	181.4	56.6	28.7	19.4	14.1
2.5°	1486.4	1134.3	894.7	668.1	468.1	350.6	215.6	64.0	30.6	19.9	14.2
0°	1573.5	1224.7	973.3	740.1	529.2	397.4	247.4	71.0	32.4	20.3	14.2
-2.5°	1574.8	1227.4	999.7	808.6	596.9	447.5	286.3	91.8	44.4	25.8	16.1
-5°	1562.1	1223.6	1023.2	870.9	659.7	493.2	320.0	111.3	55.9	30.9	17.9
-7.5°	1592.6	1236.2	1044.9	920.5	716.4	533.8	347.0	128.9	66.4	35.7	19.6
-10°	1613.4	1252.2	1058.9	917.8	716.8	545.4	362.7	144.3	75.7	39.8	21.2
-12.5°	1606.7	1255.5	1067.8	905.8	702.0	531.1	348.7	155.0	83.5	43.2	22.6
-15°	1569.2	1244.5	1071.0	883.7	680.9	513.8	332.1	162.4	90.1	46.5	23.7
-17.5°	1478.0	1218.3	1068.3	850.8	653.5	494.1	313.6	167.2	95.1	49.8	25.3
-20°	1339.3	1157.9	1053.7	806.3	619.3	472.2	293.9	169.5	98.1	51.9	27.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1209.7	1085.1	968.5	762.4	583.8	448.6	273.7	169.0	99.0	52.7	28.4
-25°	1079.3	1017.1	881.2	704.5	552.8	418.7	262.2	165.5	97.7	52.2	29.1
-27.5°	991.5	945.9	801.5	644.9	514.6	390.3	257.0	163.6	95.2	50.1	29.1
-30°	927.3	860.5	731.7	587.9	472.6	351.6	248.0	158.8	92.8	49.0	28.5
-32.5°	888.3	787.8	662.9	538.8	427.3	312.4	228.4	150.8	88.3	48.3	28.0
-35°	833.7	720.3	595.0	485.7	381.3	283.4	204.2	139.6	81.7	46.6	27.3
-37.5°	774.7	650.0	533.9	432.1	335.1	252.0	182.1	123.2	72.9	43.9	26.0
-40°	694.4	579.6	473.5	381.8	295.7	218.3	158.7	107.9	67.1	40.1	24.2
-42.5°	610.7	512.1	419.2	332.3	256.4	191.1	134.9	91.8	60.3	36.8	21.8
-45°	536.4	447.0	365.9	289.3	216.7	162.9	116.4	76.2	52.6	33.4	19.7
-47.5°	463.2	387.9	315.7	245.4	185.2	135.7	97.1	67.0	44.5	29.3	18.5
-50°	398.9	331.9	268.1	208.0	153.6	114.0	79.5	57.2	38.6	24.2	17.1
-52.5°	342.8	281.0	224.0	171.0	128.4	91.7	67.9	47.1	32.2	21.1	15.5
-55°	290.2	232.1	181.1	139.5	103.5	76.3	55.6	39.3	25.5	19.0	13.9
-57.5°	237.2	183.3	145.1	110.6	83.9	62.5	44.9	31.0	21.8	16.6	13.6
-60°	184.3	145.9	112.0	88.3	67.6	49.4	34.9	24.0	18.9	14.6	13.2
-62.5°	141.2	110.2	89.0	69.3	52.1	37.3	25.5	20.5	15.9	14.0	12.7
-65°	106.0	85.8	67.3	51.5	37.2	26.6	21.4	16.9	14.8	13.5	12.2
-67.5°	77.2	61.7	47.0	33.6	26.5	21.5	17.1	15.3	14.1	12.9	11.7
-70°	51.2	38.2	30.2	25.0	20.3	16.7	15.6	14.6	13.5	12.3	11.2
-72.5°	31.9	26.5	21.7	17.8	16.5	15.5	14.6	13.8	12.8	11.7	10.6
-75°	20.1	18.2	16.9	15.8	14.9	14.1	13.7	13.1	12.1	11.1	10.4
-77.5°	16.2	15.2	14.3	13.9	13.5	13.2	12.8	12.3	11.4	10.8	10.3
-80°	13.1	12.9	12.8	12.8	12.5	12.2	11.9	11.5	10.9	10.5	10.2
-82.5°	10.8	11.0	11.4	11.6	11.4	11.1	10.9	10.6	10.3	10.1	9.9
-85°	9.3	9.7	10.1	10.4	10.3	10.1	9.9	9.8	9.6	9.5	9.3
-87.5°	8.0	8.4	8.8	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°	8.2	8.1	8.1	8.1	8.1	8.1	8.1
67.5°	8.6	8.1	8.1	8.1	8.1	8.1	8.1
65°	9.1	8.3	8.1	8.1	8.1	8.1	8.1
62.5°	9.6	8.7	8.1	8.1	8.1	8.1	8.1
60°	10.0	9.1	8.1	8.1	8.1	8.1	8.1
57.5°	10.1	9.4	8.4	8.1	8.1	8.1	8.1
55°	10.1	9.8	8.7	8.1	8.1	8.1	8.1
52.5°	10.1	10.1	9.0	8.1	8.1	8.1	8.1
50°	10.1	10.1	9.2	8.1	8.1	8.1	8.1
47.5°	10.1	10.1	9.5	8.1	8.1	8.1	8.1
45°	10.1	10.1	9.7	8.3	8.1	8.1	8.1
42.5°	10.1	10.1	10.0	8.5	8.1	8.1	8.1
40°	10.1	10.1	10.1	8.7	8.1	8.1	8.1
37.5°	10.1	10.1	10.1	8.8	8.1	8.1	8.1
35°	10.1	10.1	10.1	8.9	8.1	8.1	8.1
32.5°	10.2	10.1	10.1	9.0	8.1	8.1	8.1
30°	10.4	10.1	10.1	9.0	8.1	8.1	8.1
27.5°	10.6	10.1	10.0	9.0	8.1	8.1	8.1
25°	10.9	10.1	10.0	9.0	8.1	8.1	8.1
22.5°	11.1	10.1	10.0	9.0	8.1	8.1	8.1
20°	11.4	10.1	9.9	8.9	8.1	8.1	8.1
17.5°	11.6	10.1	10.0	8.9	8.1	8.1	8.1
15°	11.8	10.1	10.0	8.8	8.1	8.1	8.1
12.5°	11.9	10.1	10.0	8.7	8.1	8.1	8.1
10°	12.0	10.1	10.0	8.6	8.1	8.1	8.1
7.5°	12.1	10.1	10.0	8.5	8.1	8.1	8.1
5°	12.2	10.1	10.1	8.4	8.1	8.1	8.1
2.5°	12.2	10.1	10.1	8.2	8.1	8.1	8.1
0°	12.2	10.1	10.1	8.1	8.1	8.1	8.1
-2.5°	13.0	10.6	10.1	8.2	8.1	8.1	8.1
-5°	13.7	11.0	10.1	8.4	8.1	8.1	8.1
-7.5°	14.5	11.4	10.0	8.5	8.1	8.1	8.1
-10°	15.1	11.8	10.0	8.6	8.1	8.1	8.1
-12.5°	15.7	12.1	10.0	8.7	8.1	8.1	8.1
-15°	16.2	12.3	10.0	8.8	8.1	8.1	8.1
-17.5°	16.6	12.5	10.0	8.9	8.1	8.1	8.1
-20°	17.2	12.6	9.9	8.9	8.1	8.1	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.8	12.5	10.0	9.0	8.1	8.1	8.1
-25°	18.1	12.5	10.0	9.0	8.1	8.1	8.1
-27.5°	18.1	12.3	10.0	9.0	8.1	8.1	8.1
-30°	17.8	12.1	10.1	9.0	8.1	8.1	8.1
-32.5°	17.2	11.8	10.2	9.0	8.1	8.1	8.1
-35°	16.6	11.4	10.3	8.9	8.1	8.1	8.1
-37.5°	16.1	11.2	10.4	8.8	8.1	8.1	8.1
-40°	15.5	11.3	10.4	8.7	8.1	8.1	8.1
-42.5°	14.7	11.3	10.4	8.5	8.1	8.1	8.1
-45°	13.8	11.3	10.2	8.4	8.1	8.1	8.1
-47.5°	12.8	11.3	10.0	8.3	8.1	8.1	8.1
-50°	12.6	11.3	9.8	8.3	8.1	8.1	8.1
-52.5°	12.4	11.2	9.6	8.3	8.1	8.1	8.1
-55°	12.3	10.9	9.3	8.3	8.1	8.1	8.1
-57.5°	12.0	10.6	9.1	8.4	8.1	8.1	8.1
-60°	11.7	10.3	8.8	8.4	8.1	8.1	8.1
-62.5°	11.3	9.9	8.9	8.4	8.1	8.1	8.1
-65°	10.9	9.6	8.9	8.5	8.1	8.1	8.1
-67.5°	10.5	9.4	9.0	8.5	8.1	8.1	8.1
-70°	10.0	9.5	9.0	8.5	8.1	8.1	8.1
-72.5°	10.0	9.5	9.0	8.5	8.1	8.1	8.1
-75°	10.0	9.5	9.0	8.4	8.1	8.1	8.1
-77.5°	10.0	9.5	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)