

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: P1306045 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

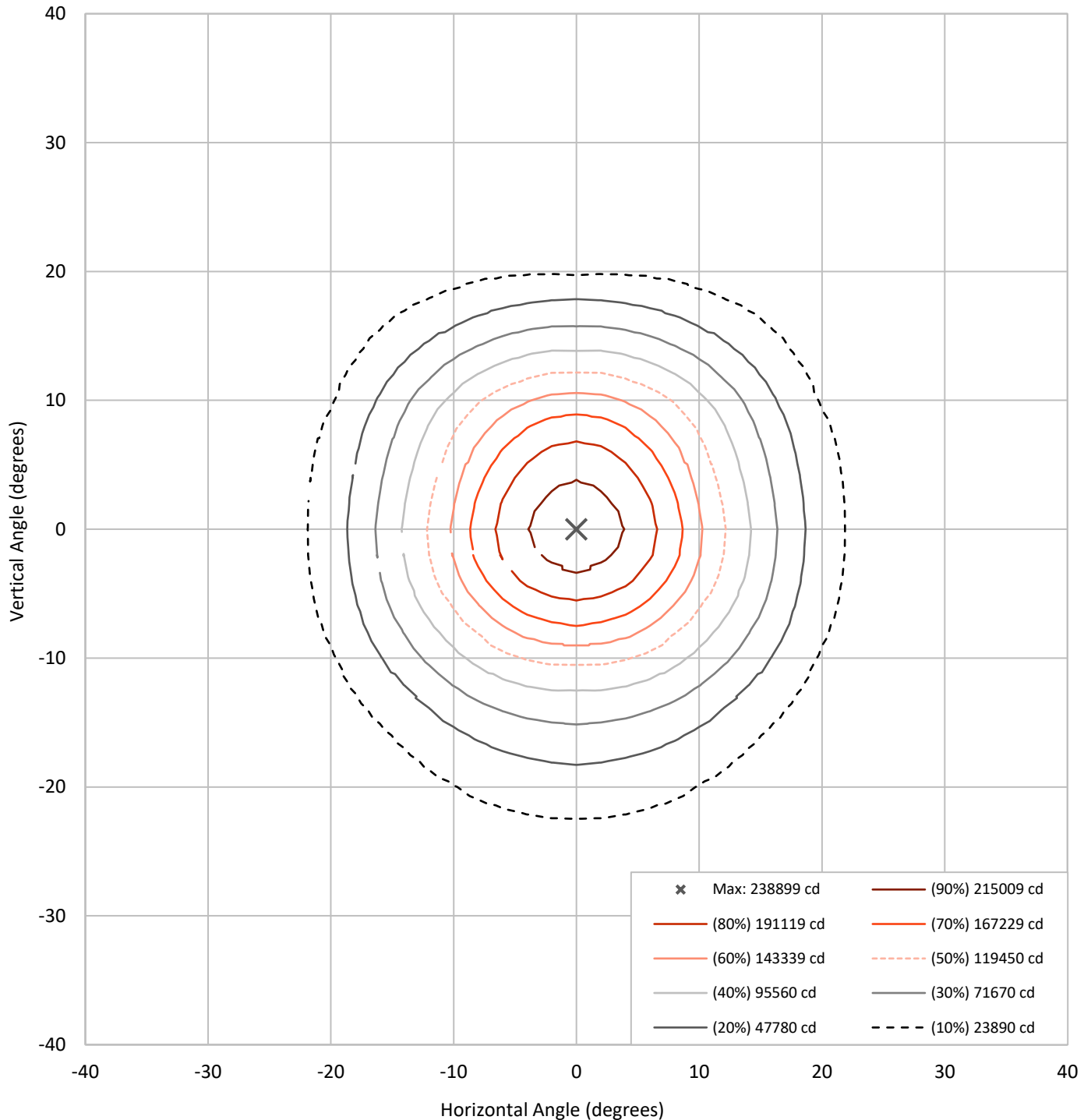
Test Method: LM-79-08  
Report Number: P1306045 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-70-3S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	49513.7 lumens	Max Intensity:	238899 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	23348.1 lumens	Field Lumens:	42179.3 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
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





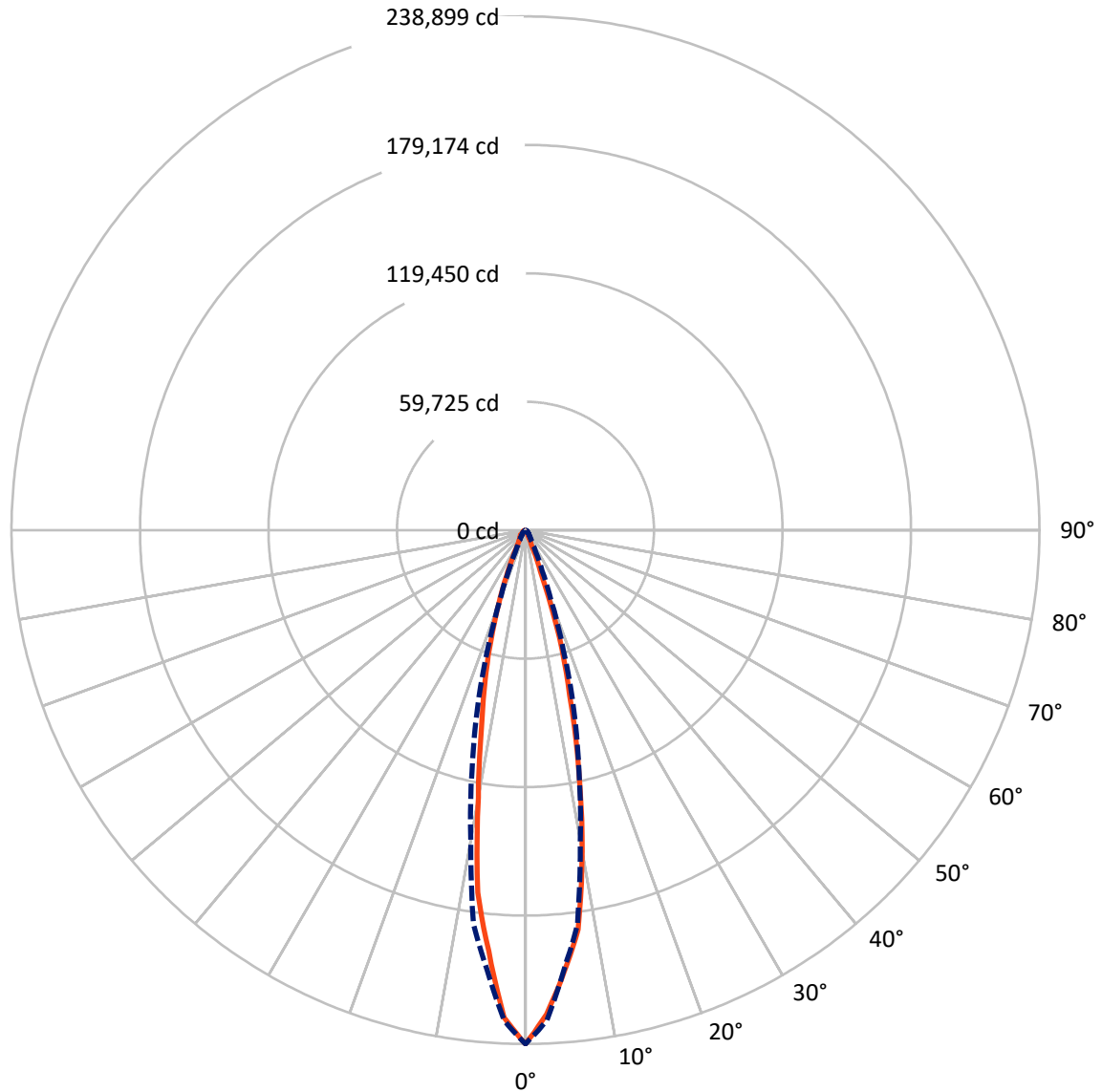
REPORT NUMBER: P1306045 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1							
80	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1							
70	0.1	0.0	0.1	0.4	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.4	0.1	0.0	0.1			
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1				
50	0.1	0.2	0.4	0.4	0.5	0.7	1.3	0.9	0.9	1.3	0.7	0.5	0.4	0.4	0.2	0.1			
40		0.3	0.8	1.9	3.5	5.0	6.9	8.3	8.3	6.9	5.0	3.5	1.9	0.8	0.3				
30	0.2	0.5	3.4	10.5	24.4	40.7	83.5	160.7	160.7	83.5	40.7	24.4	10.5	3.4	0.5	0.2			
20		1.0	7.2	26.9	65.1	172.3	948.9	2239.3	2239.3	948.9	172.3	65.1	26.9	7.2	1.0				
10	0.2	1.6	9.6	35.8	83.8	367.6	2274.8	5335.0	5335.0	2274.8	367.6	83.8	35.8	9.6	1.6	0.2			
0		1.9	10.3	36.4	83.9	364.0	2235.1	5112.6	5112.6	2235.1	364.0	83.9	36.4	10.3	1.9				
-10	0.4	2.3	9.7	30.2	66.0	173.7	906.2	2045.3	2045.3	906.2	173.7	66.0	30.2	9.7	2.3	0.4			
-20		2.4	9.0	22.6	56.2	98.5	225.5	461.0	461.0	225.5	98.5	56.2	22.6	9.0	2.4				
-30	0.4	2.1	7.8	17.1	41.5	81.4	114.4	140.5	140.5	114.4	81.4	41.5	17.1	7.8	2.1	0.4			
-40		1.5	5.9	13.5	25.2	44.7	73.2	93.8	93.8	73.2	44.7	25.2	13.5	5.9	1.5				
-50	0.2	0.8	3.6	9.1	17.2	26.5	35.4	41.0	41.0	35.4	26.5	17.2	9.1	3.6	0.8	0.2			
-60		0.3	1.2	3.9	8.0	12.7	17.4	20.0	20.0	17.4	12.7	8.0	3.9	1.2	0.3				
-70																			
-80	0.1	0.7	2.5	6.5	8.8	6.5	2.5	0.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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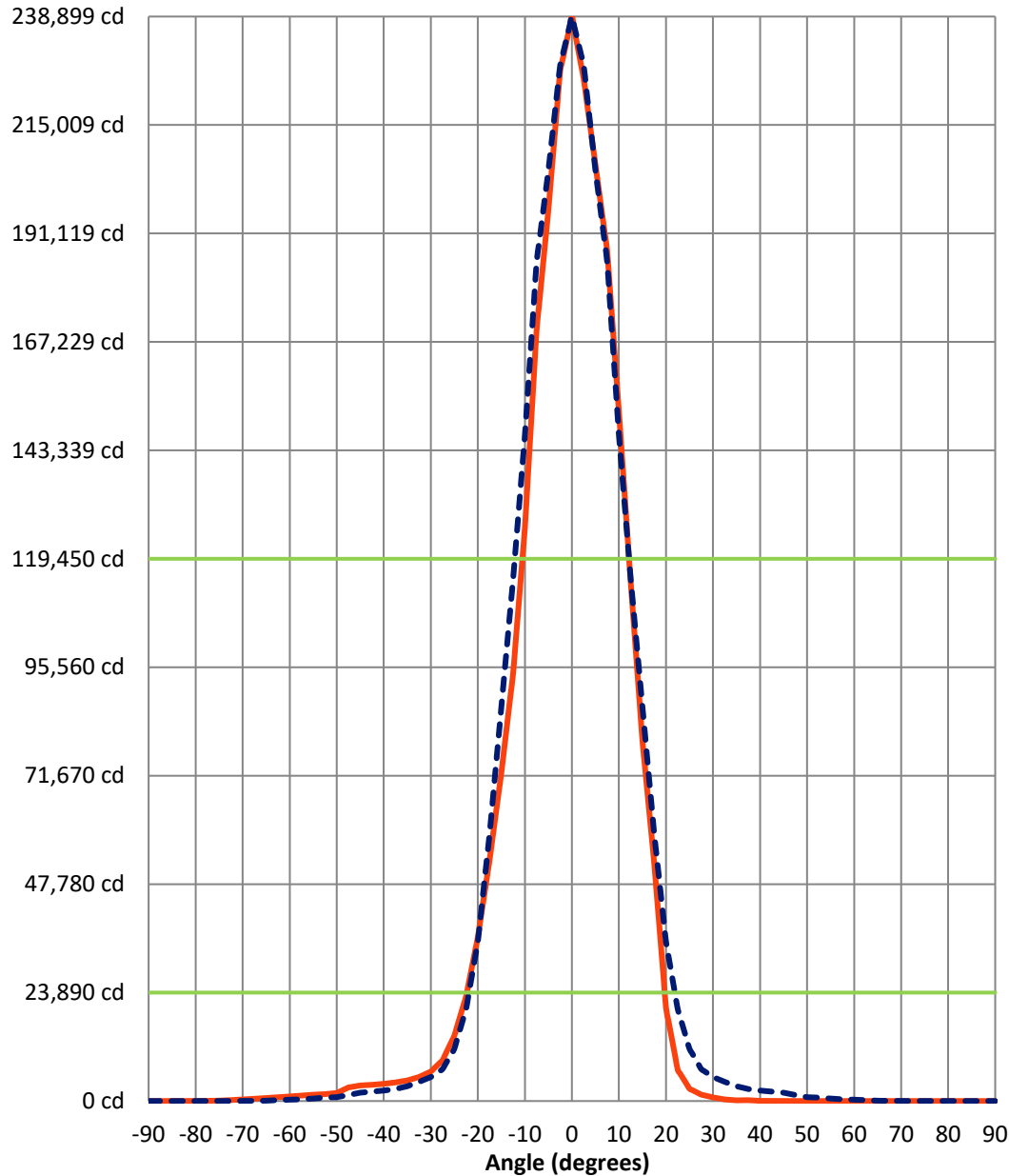
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.3°  
 V Angle: 22.7°  
 Lumens: 23348.1  
 Efficiency: 47.2%

**Field:**  
 H Angle: 43.8°  
 V Angle: 42.1°  
 Lumens: 42179.3  
 Efficiency: 85.2%

**Spill:**  
 Lumens: 7334.5  
 Efficiency: 14.8%

— 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°	2.4	3.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4
85°	2.4	2.5	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.6	2.7	2.8	2.7	2.6	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.6	2.8	2.9	2.8	2.7	2.5	2.6	2.6	2.6	2.4
77.5°	2.4	2.7	2.9	3.0	2.9	2.8	2.8	2.9	2.9	2.7	2.5
75°	2.4	2.7	3.0	3.1	3.1	3.0	3.1	3.2	3.1	2.8	2.5
72.5°	2.4	2.8	3.1	3.2	3.2	3.2	3.4	3.4	3.1	2.8	2.5
70°	2.4	2.8	3.2	3.4	3.3	3.4	3.6	3.4	3.1	2.9	2.9
67.5°	2.4	2.9	3.3	3.4	3.4	3.5	3.6	3.5	3.2	3.1	3.3
65°	2.4	2.9	3.4	3.4	3.4	3.6	3.6	3.5	3.3	3.4	3.6
62.5°	2.4	3.0	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.6	3.8
60°	2.4	3.0	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.9	3.9
57.5°	2.4	3.0	3.6	3.5	3.6	3.6	3.7	3.6	3.8	4.2	4.2
55°	2.4	3.1	3.6	3.6	3.6	3.6	3.7	3.7	4.2	4.5	4.4
52.5°	2.4	3.1	3.6	3.6	3.6	3.6	3.8	4.0	4.5	4.8	4.8
50°	2.4	3.2	3.6	3.6	3.6	3.7	4.0	4.4	4.9	5.2	6.4
47.5°	2.4	3.2	3.6	3.6	3.6	3.9	4.1	4.7	5.3	5.6	8.0
45°	2.4	3.2	3.6	3.6	3.6	4.0	4.4	5.1	5.7	6.9	9.5
42.5°	2.4	3.3	3.6	3.6	3.6	4.2	4.7	5.4	6.1	8.0	12.2
40°	2.4	3.3	3.6	3.6	3.7	4.3	5.0	5.7	6.6	9.0	15.1
37.5°	2.4	3.4	3.6	3.6	3.8	4.5	5.3	6.0	7.4	10.4	17.8
35°	2.4	3.4	3.6	3.6	3.9	4.7	5.5	6.3	8.1	12.9	20.0
32.5°	2.4	3.4	3.6	3.6	4.1	4.9	5.8	6.6	8.8	15.3	22.0
30°	2.4	3.4	3.6	3.6	4.2	5.1	6.0	6.9	9.4	17.8	24.1
27.5°	2.4	3.5	3.6	3.6	4.3	5.3	6.2	7.4	10.5	20.2	26.2
25°	2.4	3.5	3.6	3.6	4.4	5.5	6.4	7.9	12.4	22.2	28.4
22.5°	2.4	3.5	3.6	3.6	4.5	5.6	6.6	8.3	14.2	23.9	32.4
20°	2.4	3.5	3.6	3.6	4.6	5.7	6.8	8.6	16.0	25.7	36.7
17.5°	2.4	3.5	3.6	3.6	4.7	5.8	7.0	8.9	17.7	27.4	41.2
15°	2.4	3.6	3.6	3.6	4.7	5.9	7.2	9.3	19.2	29.0	45.8
12.5°	2.4	3.6	3.6	3.6	4.8	6.0	7.5	9.8	21.0	30.5	50.4
10°	2.4	3.6	3.6	3.6	4.8	6.0	7.7	10.3	22.9	33.0	55.6
7.5°	2.4	3.6	3.6	3.6	4.9	6.0	7.9	10.8	24.8	35.6	61.9
5°	2.4	3.6	3.6	3.6	4.9	6.1	8.1	11.3	26.4	38.1	68.0
2.5°	2.4	3.6	3.6	3.6	4.9	6.1	8.3	11.7	27.9	40.4	73.8
0°	2.4	3.6	3.6	3.6	4.9	6.1	8.3	11.7	27.9	40.4	73.8
-2.5°	2.4	3.6	3.7	3.8	5.1	6.6	9.9	15.9	35.8	53.4	92.9
-5°	2.4	3.6	3.7	3.9	5.3	7.1	11.3	19.5	42.1	63.9	106.1
-7.5°	2.4	3.6	3.8	4.1	5.5	7.6	12.6	22.9	47.9	73.7	118.2
-10°	2.4	3.6	3.8	4.2	5.7	8.0	13.8	26.0	53.0	82.6	129.0
-12.5°	2.4	3.6	3.9	4.4	5.8	8.4	14.8	28.7	57.3	90.6	140.0
-15°	2.4	3.6	3.9	4.5	6.0	8.8	15.6	30.8	61.2	97.9	149.7
-17.5°	2.4	3.6	4.0	4.7	6.1	9.0	16.3	32.8	64.6	104.0	157.2
-20°	2.4	3.5	4.0	4.8	6.3	9.3	16.9	34.5	66.8	108.7	162.1



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 CATALOG NUMBER: EPH-08-320N-50-70-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.4	3.5	4.0	4.9	6.4	9.4	17.4	35.5	67.9	112.1	164.3
-25°	2.4	3.5	4.0	5.0	6.5	9.5	17.6	35.7	67.7	114.0	163.6
-27.5°	2.4	3.5	4.1	5.1	6.6	9.6	17.3	35.0	66.1	114.1	165.2
-30°	2.4	3.5	4.1	5.1	6.7	9.5	16.6	33.4	64.6	112.0	164.9
-32.5°	2.4	3.5	4.1	5.2	6.7	9.4	15.4	32.3	62.7	108.1	162.5
-35°	2.4	3.4	4.1	5.2	6.8	9.1	14.8	30.9	59.5	102.4	158.0
-37.5°	2.4	3.4	4.1	5.2	6.8	8.9	14.5	28.8	55.0	94.7	147.9
-40°	2.4	3.4	4.0	5.2	6.7	8.8	14.0	25.9	49.1	87.5	135.4
-42.5°	2.4	3.4	4.0	5.2	6.7	8.8	13.2	22.3	44.1	78.3	121.1
-45°	2.4	3.4	4.0	5.1	6.6	8.6	12.3	19.4	39.1	67.5	105.5
-47.5°	2.4	3.4	3.9	5.1	6.5	8.5	11.3	18.1	33.1	55.6	91.8
-50°	2.4	3.3	3.9	5.0	6.4	8.2	10.8	16.6	26.0	47.3	76.6
-52.5°	2.4	3.3	3.8	4.9	6.3	8.0	10.5	14.8	22.1	38.3	60.6
-55°	2.4	3.3	3.8	4.8	6.1	7.7	10.0	13.0	19.7	28.6	49.4
-57.5°	2.4	3.3	3.7	4.7	6.0	7.5	9.5	12.3	17.0	24.0	37.4
-60°	2.4	3.3	3.6	4.5	5.8	7.2	8.9	11.5	14.7	20.7	27.7
-62.5°	2.4	3.2	3.6	4.4	5.6	6.9	8.6	10.7	13.7	17.3	23.7
-65°	2.4	3.2	3.6	4.2	5.3	6.6	8.1	10.0	12.6	15.6	19.5
-67.5°	2.4	3.2	3.6	4.1	5.1	6.3	7.7	9.4	11.5	14.2	17.1
-70°	2.4	3.2	3.6	3.9	4.8	5.9	7.2	8.8	10.7	12.8	15.5
-72.5°	2.4	3.2	3.6	3.9	4.5	5.5	6.6	8.1	9.9	11.8	13.8
-75°	2.4	3.1	3.6	3.8	4.3	5.1	6.1	7.4	9.0	10.6	12.5
-77.5°	2.4	3.1	3.6	3.8	4.1	4.7	5.5	6.7	8.1	9.5	11.1
-80°	2.4	3.1	3.6	3.8	4.0	4.4	4.9	6.0	7.1	8.3	9.7
-82.5°	2.4	3.1	3.6	3.7	3.9	4.2	4.6	5.3	6.1	7.1	8.2
-85°	2.4	3.1	3.6	3.7	3.8	4.0	4.3	4.7	5.3	6.0	6.7
-87.5°	2.4	3.0	3.6	3.6	3.7	3.8	3.9	4.2	4.5	4.8	5.2
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	2.1	1.8	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2
82.5°	2.2	2.1	2.1	2.1	2.0	1.8	1.5	1.4	1.4	1.4	1.3
80°	2.4	2.4	2.4	2.4	2.3	2.2	2.1	2.2	2.1	1.9	1.8
77.5°	2.4	2.4	2.4	2.4	2.4	2.5	2.7	3.0	3.0	2.9	2.7
75°	2.4	2.4	2.5	2.4	2.5	2.8	3.2	3.5	3.5	3.4	3.4
72.5°	2.6	2.7	2.7	2.5	2.8	3.2	3.5	3.6	4.3	5.3	6.0
70°	3.1	3.1	3.1	3.1	3.4	3.9	5.2	6.9	8.6	9.8	11.5
67.5°	3.5	3.4	3.4	3.7	4.6	6.0	8.0	12.2	17.0	18.9	19.8
65°	3.6	3.6	3.9	4.7	6.0	9.6	14.3	19.8	25.6	26.9	26.8
62.5°	3.6	3.8	4.4	6.3	9.7	14.2	20.3	26.6	32.7	31.7	27.9
60°	3.7	3.9	6.1	9.7	13.8	19.8	26.5	29.8	31.8	31.6	27.2
57.5°	3.9	5.3	9.0	13.6	19.4	24.6	26.8	28.7	29.9	30.8	25.5
55°	4.9	7.8	12.4	18.5	23.2	24.3	25.5	26.2	27.1	25.2	19.5
52.5°	7.1	10.6	16.7	22.0	24.1	23.8	22.6	22.7	21.0	18.4	15.5
50°	9.2	14.5	20.3	23.7	24.6	22.8	19.6	18.6	16.9	14.7	12.8
47.5°	12.3	18.4	22.6	25.3	24.7	22.1	18.4	16.1	14.3	13.7	11.8
45°	15.7	21.1	25.1	26.2	25.0	21.7	18.6	14.6	15.4	15.2	15.0
42.5°	19.0	23.4	26.7	27.7	25.0	22.8	20.1	19.1	19.0	21.4	23.0
40°	21.1	25.5	28.7	28.9	26.0	25.4	27.3	28.4	27.3	31.4	34.9
37.5°	23.0	27.8	31.6	33.1	29.4	32.4	36.9	49.7	50.9	43.6	55.8
35°	24.8	30.4	37.6	43.3	43.1	43.4	63.0	82.4	91.4	80.0	90.6
32.5°	27.1	33.4	45.8	60.6	72.8	74.8	96.0	135.5	154.0	154.8	153.3
30°	30.2	41.2	58.7	83.0	113.8	143.8	160.0	203.4	233.2	284.2	322.9
27.5°	34.7	51.2	80.3	120.8	169.5	228.9	265.0	290.2	363.7	459.1	561.9
25°	39.7	71.5	105.3	169.4	252.1	327.6	373.6	403.8	532.2	721.4	853.9
22.5°	50.8	97.7	141.8	224.5	345.3	430.1	478.8	576.1	775.2	1029.2	1186.0
20°	69.8	129.6	184.6	274.8	440.7	535.2	581.3	774.4	1081.6	1342.2	1558.1
17.5°	91.8	161.9	227.1	333.7	494.3	616.0	694.4	986.7	1408.1	1642.2	1889.5
15°	116.0	194.1	265.0	386.1	546.0	663.9	833.3	1242.5	1706.7	1930.3	2185.4
12.5°	141.6	225.8	298.5	432.0	596.9	708.1	957.7	1425.0	1860.9	2163.5	2494.5
10°	167.8	256.9	328.1	471.6	646.0	748.8	1074.5	1577.2	1942.4	2227.0	2613.3
7.5°	184.0	278.2	352.3	505.2	692.2	786.0	1181.1	1700.0	2000.3	2264.7	2629.5
5°	195.7	288.5	364.2	528.0	724.4	815.6	1268.2	1794.7	2037.9	2279.7	2600.8
2.5°	204.4	296.5	374.3	545.1	744.3	835.9	1309.1	1831.2	2062.8	2298.0	2605.0
0°	210.0	302.2	382.4	557.1	757.4	853.3	1330.4	1843.8	2078.1	2313.6	2648.6
-2.5°	217.4	310.5	395.1	569.3	760.7	857.2	1333.5	1838.8	2086.9	2350.8	2695.7
-5°	222.4	316.5	405.3	576.2	758.3	857.7	1316.8	1812.5	2074.2	2341.6	2677.6
-7.5°	225.3	320.2	412.7	576.8	745.3	844.8	1259.6	1730.0	2003.0	2253.9	2584.1
-10°	227.7	325.3	419.5	567.0	720.2	822.1	1179.0	1632.0	1924.0	2155.1	2465.1
-12.5°	235.3	332.4	424.6	555.1	694.5	796.6	1080.4	1521.5	1838.7	2046.5	2336.8
-15°	240.7	338.1	427.6	542.2	669.6	768.4	964.5	1401.0	1773.7	2007.2	2256.0
-17.5°	243.8	342.7	428.7	529.1	646.8	737.7	837.2	1289.3	1722.0	1985.8	2215.6
-20°	244.7	346.4	428.0	516.7	626.8	719.5	808.9	1153.7	1595.5	1951.8	2179.9



REPORT NUMBER: P1306045 (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°	243.5	349.4	426.9	511.0	613.9	711.3	798.1	1003.7	1428.5	1902.8	2134.2
-25°	242.8	345.2	426.7	503.1	599.3	701.3	786.9	863.6	1240.7	1714.4	2072.8
-27.5°	241.3	338.8	418.1	490.4	581.1	687.4	773.8	849.3	1067.7	1500.3	1976.4
-30°	235.8	321.5	406.3	474.6	562.7	663.9	758.8	838.9	920.6	1281.7	1725.8
-32.5°	223.6	302.7	386.9	459.2	539.8	636.6	737.7	820.5	903.4	1036.0	1457.2
-35°	210.7	284.9	364.3	440.1	512.1	605.2	701.8	796.0	878.4	965.1	1170.7
-37.5°	200.7	265.4	340.6	416.2	487.7	569.5	662.0	757.2	846.1	935.6	1036.8
-40°	188.7	244.2	317.0	389.5	460.7	534.7	620.0	710.1	803.2	906.2	1001.1
-42.5°	174.3	228.5	292.2	361.9	431.1	502.0	575.6	661.0	758.3	867.2	967.6
-45°	156.3	210.5	266.8	332.1	398.9	466.5	536.5	610.3	708.0	812.0	918.8
-47.5°	136.1	189.6	243.9	299.8	363.9	429.0	494.5	569.1	651.5	748.4	852.2
-50°	115.2	164.7	217.8	269.4	326.0	388.5	451.6	523.5	601.2	681.9	772.7
-52.5°	96.1	137.5	187.1	238.3	289.1	344.6	406.1	473.2	545.2	621.9	696.7
-55°	75.3	112.3	153.5	202.3	252.5	301.9	354.8	416.3	482.5	552.6	622.5
-57.5°	58.5	86.3	121.7	162.4	209.9	259.2	306.2	355.2	413.2	476.0	537.3
-60°	43.9	63.7	90.5	125.0	163.2	208.6	255.6	300.9	346.9	393.3	447.4
-62.5°	30.5	45.9	64.5	88.3	121.0	156.5	197.7	240.9	284.7	324.6	364.2
-65°	25.6	30.8	43.6	60.9	79.4	109.4	142.3	176.8	215.4	249.8	285.3
-67.5°	20.4	25.2	29.8	36.8	52.6	70.0	88.6	117.8	147.8	172.7	198.1
-70°	17.9	19.9	23.7	27.8	31.8	38.9	54.0	70.3	86.5	102.6	123.5
-72.5°	15.7	17.5	19.3	21.3	24.7	28.0	31.5	34.9	44.0	56.3	67.7
-75°	13.8	15.0	16.5	18.1	19.8	21.3	23.0	25.8	28.7	31.5	34.3
-77.5°	12.1	13.0	13.9	15.0	16.2	17.5	18.8	20.1	21.3	22.4	23.6
-80°	10.3	10.9	11.5	12.3	13.1	14.0	14.9	15.9	16.6	17.4	18.2
-82.5°	8.7	9.1	9.5	9.9	10.3	10.6	11.0	11.6	12.2	12.7	13.2
-85°	7.0	7.3	7.6	7.8	8.1	8.3	8.6	8.8	9.0	9.2	9.4
-87.5°	5.5	5.8	6.0	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8
-90°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306045 (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°	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.6	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	2.6	2.4	2.3	2.1	1.9	1.8	1.7	1.5	1.2	1.2	1.2
75°	3.5	3.6	3.6	3.4	3.1	2.8	2.6	2.4	2.2	2.2	2.3
72.5°	6.4	6.4	6.2	6.1	5.7	5.5	5.6	5.5	5.3	5.5	5.7
70°	12.4	12.8	12.5	11.7	10.4	9.4	8.9	8.2	7.3	7.2	7.6
67.5°	19.5	18.6	17.5	16.1	13.9	12.1	11.1	10.3	9.4	9.2	9.4
65°	24.9	21.1	18.5	16.4	14.7	13.0	11.8	10.6	9.5	8.8	8.7
62.5°	24.0	19.7	16.9	14.9	13.3	11.9	10.4	9.1	7.7	6.9	6.9
60°	22.6	17.8	14.1	12.3	10.8	9.8	8.5	7.4	6.6	6.1	6.2
57.5°	19.2	14.0	10.7	9.9	8.9	7.8	7.0	6.5	6.3	6.1	6.1
55°	14.8	11.9	9.9	8.8	7.8	6.8	6.1	6.3	6.3	6.1	6.4
52.5°	12.2	10.5	9.1	8.1	7.6	7.3	7.2	7.2	7.3	7.5	7.7
50°	10.9	9.7	9.1	8.4	8.4	8.4	8.4	8.8	9.1	9.2	9.1
47.5°	11.0	10.5	11.1	9.6	9.9	10.8	10.8	10.9	11.7	12.0	11.9
45°	13.9	16.8	16.8	15.5	14.7	17.9	18.1	16.4	25.2	24.7	18.7
42.5°	24.8	26.4	26.5	28.0	31.1	40.8	58.9	75.3	77.8	68.3	46.8
40°	40.0	38.6	41.7	50.0	74.2	96.2	112.9	162.8	162.3	127.0	128.0
37.5°	65.1	63.6	68.3	93.6	101.4	87.7	123.5	127.0	108.7	129.6	131.5
35°	112.1	127.1	110.8	137.6	138.9	124.2	133.3	148.8	126.9	151.8	162.6
32.5°	204.4	230.9	233.4	231.3	245.1	258.6	250.7	288.3	295.0	320.0	347.4
30°	332.2	383.1	422.0	414.5	437.3	477.5	490.6	548.0	605.2	640.7	727.6
27.5°	578.8	604.5	684.3	740.5	727.5	793.0	923.1	963.4	1127.5	1206.1	1319.2
25°	916.5	962.2	1075.9	1209.2	1266.3	1376.2	1587.5	1688.6	1904.2	2014.3	2429.2
22.5°	1334.9	1489.6	1632.2	1811.4	2068.6	2286.9	2521.8	2916.7	3558.3	4480.1	5580.6
20°	1812.7	2071.8	2287.5	2618.6	3044.9	3455.6	4063.3	5815.6	7676.6	11558.3	14195.6
17.5°	2264.6	2676.0	2977.4	3417.1	4046.8	5074.9	7168.3	11085.0	17240.5	24760.1	31938.0
15°	2617.3	3037.8	3596.6	4260.2	5221.9	7233.9	11057.8	18799.5	30535.5	41993.6	54049.5
12.5°	2915.3	3360.0	3972.5	4871.4	6309.8	9926.3	16801.8	28463.6	43934.6	60992.2	79015.1
10°	3107.1	3647.1	4380.7	5567.9	7958.1	13096.2	22034.6	37661.6	58457.2	80727.5	100759.6
7.5°	3140.9	3799.8	4729.0	6173.1	9593.5	16403.0	28258.5	46641.8	69417.2	94500.0	119728.9
5°	3154.3	3942.0	5023.4	6648.5	10717.1	18794.9	31843.9	52395.1	77684.2	103444.5	130596.7
2.5°	3190.3	4081.6	5239.5	6981.1	11365.3	20221.2	33915.9	56516.3	83196.1	111168.7	141441.9
0°	3265.2	4227.8	5286.2	7037.8	11501.0	20251.5	35111.1	58877.8	86790.9	115052.4	146628.9
-2.5°	3305.8	4209.0	5246.8	6922.1	11325.9	20254.7	33962.5	57234.9	84916.4	112490.5	144310.5
-5°	3236.1	4021.0	5004.0	6573.2	10559.7	18634.9	31680.7	52992.6	78542.5	103334.7	128922.3
-7.5°	3086.4	3756.6	4659.0	6077.8	9371.6	16124.2	27556.5	45056.3	66752.3	88305.5	108240.3
-10°	2912.2	3476.3	4216.4	5358.5	7692.6	12749.3	21561.5	35330.8	53966.5	72469.1	89292.3
-12.5°	2724.0	3163.4	3711.4	4501.3	5954.3	9626.5	16340.8	26894.3	39780.3	53738.3	69019.0
-15°	2563.3	2887.2	3302.6	3975.3	5083.7	7171.6	10968.8	17991.8	27231.9	38174.3	49438.5
-17.5°	2455.2	2696.1	3057.8	3571.0	4252.3	5492.4	8240.7	12404.5	18349.9	26539.5	33978.9
-20°	2377.7	2604.2	2891.2	3295.3	3865.9	4740.3	6085.0	8954.8	12867.1	18175.3	23225.0



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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°	2322.3	2526.2	2768.8	3093.9	3603.4	4286.7	5145.1	6538.0	9001.8	12132.0	15642.6
-25°	2267.9	2436.9	2704.5	3054.1	3404.3	3893.3	4486.5	5170.4	6483.0	7874.7	10029.6
-27.5°	2205.6	2414.7	2713.7	3040.3	3355.9	3598.5	4019.7	4491.3	5186.4	5859.2	6966.3
-30°	2160.3	2427.7	2725.1	3039.0	3282.2	3496.6	3732.2	4092.6	4542.3	5017.9	5526.8
-32.5°	1934.5	2387.9	2693.2	2974.6	3175.7	3375.0	3583.7	3833.7	4121.2	4422.5	4731.6
-35°	1632.0	2114.8	2588.4	2809.1	3012.9	3213.9	3431.4	3634.0	3836.9	4040.6	4234.7
-37.5°	1261.1	1734.3	2181.7	2567.2	2801.2	3005.9	3237.8	3445.8	3623.7	3776.7	3926.1
-40°	1101.7	1267.0	1699.7	2105.4	2446.0	2770.3	2989.0	3219.3	3417.7	3558.9	3685.7
-42.5°	1057.8	1150.9	1246.8	1558.0	1934.0	2267.4	2563.9	2852.1	3124.8	3321.1	3472.0
-45°	1019.7	1098.5	1180.7	1272.5	1364.1	1656.4	1964.7	2275.1	2596.1	2883.4	3116.0
-47.5°	949.3	1044.7	1125.6	1201.6	1274.4	1357.6	1443.5	1567.1	1848.8	2136.3	2398.3
-50°	862.3	951.7	1041.9	1131.7	1199.2	1263.1	1328.4	1402.1	1484.2	1567.9	1638.6
-52.5°	767.5	849.7	933.0	1012.2	1087.8	1161.3	1233.0	1298.0	1359.2	1418.2	1452.8
-55°	690.5	756.3	821.9	889.8	958.7	1025.9	1092.6	1159.8	1224.6	1286.4	1321.0
-57.5°	600.7	666.2	729.1	780.8	834.3	888.9	946.0	1003.9	1060.7	1113.6	1143.3
-60°	503.1	560.0	614.4	664.7	714.2	762.6	809.4	855.4	899.5	937.9	961.2
-62.5°	405.0	451.4	496.5	539.2	580.8	621.6	665.3	706.9	745.9	777.5	796.9
-65°	321.4	356.7	388.1	418.8	449.2	484.1	521.4	556.6	589.7	615.4	632.4
-67.5°	227.6	258.0	286.7	314.1	339.3	364.3	390.7	416.6	441.5	460.8	474.5
-70°	143.4	162.6	181.6	201.8	223.8	245.7	267.5	287.7	306.0	319.8	330.3
-72.5°	78.2	87.4	97.1	111.4	125.1	139.8	154.8	169.0	182.2	191.5	198.4
-75°	37.1	41.2	48.6	55.3	61.2	67.7	74.2	80.2	85.6	88.5	90.1
-77.5°	25.4	27.5	29.3	31.0	32.5	34.4	36.4	38.5	40.6	41.9	43.0
-80°	19.0	19.8	20.6	21.4	22.3	23.2	24.0	24.8	25.5	26.2	26.8
-82.5°	13.7	14.1	14.5	14.9	15.3	15.9	16.5	17.0	17.6	18.0	18.5
-85°	9.6	9.9	10.1	10.3	10.4	10.8	11.1	11.5	11.8	11.9	12.0
-87.5°	6.9	7.2	7.6	7.9	8.3	8.3	8.4	8.4	8.4	8.4	8.5
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.1	6.1	6.7	7.3	6.7	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	0.3	0.0	0.6	1.2	0.6	0.0	0.3	0.6	0.9	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.8	2.4	1.8	1.2	1.2	1.2	1.2	1.2	1.5
75°	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.4
72.5°	5.9	6.0	6.1	6.1	6.1	6.0	5.9	5.7	5.5	5.3	5.5
70°	8.0	8.4	8.5	8.5	8.5	8.4	8.0	7.6	7.2	7.3	8.2
67.5°	9.6	9.7	9.7	9.7	9.7	9.7	9.6	9.4	9.2	9.4	10.3
65°	8.6	8.5	8.0	7.3	8.0	8.5	8.6	8.7	8.8	9.5	10.6
62.5°	7.1	7.3	7.3	7.3	7.3	7.3	7.1	6.9	6.9	7.7	9.1
60°	6.2	6.2	6.1	6.1	6.1	6.2	6.2	6.2	6.1	6.6	7.4
57.5°	6.1	6.1	6.6	7.3	6.6	6.1	6.1	6.1	6.1	6.3	6.5
55°	6.7	7.1	7.3	7.3	7.3	7.1	6.7	6.4	6.1	6.3	6.3
52.5°	7.7	7.4	7.3	7.3	7.3	7.4	7.7	7.7	7.5	7.3	7.2
50°	8.9	8.6	8.5	8.5	8.5	8.6	8.9	9.1	9.2	9.1	8.8
47.5°	11.6	11.1	10.9	10.9	10.9	11.1	11.6	11.9	12.0	11.7	10.9
45°	19.1	19.2	19.2	19.4	19.2	19.2	19.1	18.7	24.7	25.2	16.4
42.5°	45.0	38.9	33.7	34.0	33.7	38.9	45.0	46.8	68.3	77.8	75.3
40°	115.3	86.3	57.4	48.6	57.4	86.3	115.3	128.0	127.0	162.3	162.8
37.5°	118.8	121.1	142.5	191.8	142.5	121.1	118.8	131.5	129.6	108.7	127.0
35°	165.9	168.5	162.6	159.0	162.6	168.5	165.9	162.6	151.8	126.9	148.8
32.5°	352.9	368.6	366.6	356.9	366.6	368.6	352.9	347.4	320.0	295.0	288.3
30°	760.1	799.8	795.5	803.6	795.5	799.8	760.1	727.6	640.7	605.2	548.0
27.5°	1364.1	1413.2	1422.1	1411.7	1422.1	1413.2	1364.1	1319.2	1206.1	1127.5	963.4
25°	2707.8	2785.5	2757.1	2720.2	2757.1	2785.5	2707.8	2429.2	2014.3	1904.2	1688.6
22.5°	6867.0	7174.5	7142.9	6883.6	7142.9	7174.5	6867.0	5580.6	4480.1	3558.3	2916.7
20°	18866.6	20896.7	21780.2	20582.8	21780.2	20896.7	18866.6	14195.6	11558.3	7676.6	5815.6
17.5°	39933.7	46119.1	50517.1	52352.3	50517.1	46119.1	39933.7	31938.0	24760.1	17240.5	11085.0
15°	65321.3	74632.3	80047.4	79319.8	80047.4	74632.3	65321.3	54049.5	41993.6	30535.5	18799.5
12.5°	93928.8	104964.6	114110.3	114304.1	114110.3	104964.6	93928.8	79015.1	60992.2	43934.6	28463.6
10°	121599.6	136916.2	149399.0	151818.0	149399.0	136916.2	121599.6	100759.6	80727.5	58457.2	37661.6
7.5°	142358.9	165839.1	181508.5	187250.2	181508.5	165839.1	142358.9	119728.9	94500.0	69417.2	46641.8
5°	162874.0	187477.5	203443.8	206276.3	203443.8	187477.5	162874.0	130596.7	103444.5	77684.2	52395.1
2.5°	176711.2	201529.5	215501.3	225192.6	215501.3	201529.5	176711.2	141441.9	111168.7	83196.1	56516.3
0°	184816.4	205038.2	228157.3	238899.0	228157.3	205038.2	184816.4	146628.9	115052.4	86790.9	58877.8
-2.5°	178688.2	201437.1	214673.2	226879.7	214673.2	201437.1	178688.2	144310.5	112490.5	84916.4	57234.9
-5°	158392.1	183132.8	194826.2	196352.0	194826.2	183132.8	158392.1	128922.3	103334.7	78542.5	52992.6
-7.5°	129425.0	152460.5	163687.5	169885.2	163687.5	152460.5	129425.0	108240.3	88305.5	66752.3	45056.3
-10°	104770.7	118213.9	125771.8	126269.4	125771.8	118213.9	104770.7	89292.3	72469.1	53966.5	35330.8
-12.5°	80888.5	89905.7	94375.7	94212.3	94375.7	89905.7	80888.5	69019.0	53738.3	39780.3	26894.3
-15°	59357.4	66362.8	70394.9	72328.2	70394.9	66362.8	59357.4	49438.5	38174.3	27231.9	17991.8
-17.5°	41896.4	47461.6	51501.8	53134.0	51501.8	47461.6	41896.4	33978.9	26539.5	18349.9	12404.5
-20°	28562.1	32376.2	34997.4	36110.1	34997.4	32376.2	28562.1	23225.0	18175.3	12867.1	8954.8



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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°	18813.5	21370.5	23167.6	23071.2	23167.6	21370.5	18813.5	15642.6	12132.0	9001.8	6538.0
-25°	11993.4	13399.3	14322.4	14397.2	14322.4	13399.3	11993.4	10029.6	7874.7	6483.0	5170.4
-27.5°	7938.0	8556.1	8928.5	8993.2	8928.5	8556.1	7938.0	6966.3	5859.2	5186.4	4491.3
-30°	6008.0	6292.4	6505.4	6496.4	6505.4	6292.4	6008.0	5526.8	5017.9	4542.3	4092.6
-32.5°	4994.6	5134.6	5227.9	5303.2	5227.9	5134.6	4994.6	4731.6	4422.5	4121.2	3833.7
-35°	4367.9	4439.1	4491.1	4538.5	4491.1	4439.1	4367.9	4234.7	4040.6	3836.9	3634.0
-37.5°	4012.1	4061.4	4094.1	4105.2	4094.1	4061.4	4012.1	3926.1	3776.7	3623.7	3445.8
-40°	3734.2	3762.1	3778.6	3788.3	3778.6	3762.1	3734.2	3685.7	3558.9	3417.7	3219.3
-42.5°	3525.7	3563.9	3583.6	3583.2	3583.6	3563.9	3525.7	3472.0	3321.1	3124.8	2852.1
-45°	3249.4	3345.8	3404.3	3429.1	3404.3	3345.8	3249.4	3116.0	2883.4	2596.1	2275.1
-47.5°	2613.1	2796.2	2924.6	2992.1	2924.6	2796.2	2613.1	2398.3	2136.3	1848.8	1567.1
-50°	1702.1	1763.2	1789.0	1778.3	1789.0	1763.2	1702.1	1638.6	1567.9	1484.2	1402.1
-52.5°	1478.6	1500.5	1513.8	1519.7	1513.8	1500.5	1478.6	1452.8	1418.2	1359.2	1298.0
-55°	1350.1	1374.5	1390.2	1398.3	1390.2	1374.5	1350.1	1321.0	1286.4	1224.6	1159.8
-57.5°	1168.1	1187.8	1199.8	1205.3	1199.8	1187.8	1168.1	1143.3	1113.6	1060.7	1003.9
-60°	981.1	997.3	1007.9	1013.5	1007.9	997.3	981.1	961.2	937.9	899.5	855.4
-62.5°	812.6	824.5	835.0	842.4	835.0	824.5	812.6	796.9	777.5	745.9	706.9
-65°	646.3	656.9	664.5	668.8	664.5	656.9	646.3	632.4	615.4	589.7	556.6
-67.5°	485.7	494.4	501.5	506.2	501.5	494.4	485.7	474.5	460.8	441.5	416.6
-70°	338.7	345.1	351.3	355.7	351.3	345.1	338.7	330.3	319.8	306.0	287.7
-72.5°	203.9	207.9	209.8	210.0	209.8	207.9	203.9	198.4	191.5	182.2	169.0
-75°	91.0	91.3	93.2	94.7	93.2	91.3	91.0	90.1	88.5	85.6	80.2
-77.5°	43.8	44.6	45.4	46.1	45.4	44.6	43.8	43.0	41.9	40.6	38.5
-80°	27.3	27.8	27.9	27.9	27.9	27.8	27.3	26.8	26.2	25.5	24.8
-82.5°	18.9	19.3	19.4	19.4	19.4	19.3	18.9	18.5	18.0	17.6	17.0
-85°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	12.0	11.9	11.8	11.5
-87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.1	6.1	6.1	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4
80°	1.2	1.2	1.2	1.4	1.5	1.5	1.6	1.8	1.9	2.1	2.2
77.5°	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.0
75°	2.6	2.8	3.1	3.4	3.6	3.6	3.5	3.4	3.4	3.5	3.5
72.5°	5.6	5.5	5.7	6.1	6.2	6.4	6.4	6.0	5.3	4.3	3.6
70°	8.9	9.4	10.4	11.7	12.5	12.8	12.4	11.5	9.8	8.6	6.9
67.5°	11.1	12.1	13.9	16.1	17.5	18.6	19.5	19.8	18.9	17.0	12.2
65°	11.8	13.0	14.7	16.4	18.5	21.1	24.9	26.8	26.9	25.6	19.8
62.5°	10.4	11.9	13.3	14.9	16.9	19.7	24.0	27.9	31.7	32.7	26.6
60°	8.5	9.8	10.8	12.3	14.1	17.8	22.6	27.2	31.6	31.8	29.8
57.5°	7.0	7.8	8.9	9.9	10.7	14.0	19.2	25.5	30.8	29.9	28.7
55°	6.1	6.8	7.8	8.8	9.9	11.9	14.8	19.5	25.2	27.1	26.2
52.5°	7.2	7.3	7.6	8.1	9.1	10.5	12.2	15.5	18.4	21.0	22.7
50°	8.4	8.4	8.4	8.4	9.1	9.7	10.9	12.8	14.7	16.9	18.6
47.5°	10.8	10.8	9.9	9.6	11.1	10.5	11.0	11.8	13.7	14.3	16.1
45°	18.1	17.9	14.7	15.5	16.8	16.8	13.9	15.0	15.2	15.4	14.6
42.5°	58.9	40.8	31.1	28.0	26.5	26.4	24.8	23.0	21.4	19.0	19.1
40°	112.9	96.2	74.2	50.0	41.7	38.6	40.0	34.9	31.4	27.3	28.4
37.5°	123.5	87.7	101.4	93.6	68.3	63.6	65.1	55.8	43.6	50.9	49.7
35°	133.3	124.2	138.9	137.6	110.8	127.1	112.1	90.6	80.0	91.4	82.4
32.5°	250.7	258.6	245.1	231.3	233.4	230.9	204.4	153.3	154.8	154.0	135.5
30°	490.6	477.5	437.3	414.5	422.0	383.1	332.2	322.9	284.2	233.2	203.4
27.5°	923.1	793.0	727.5	740.5	684.3	604.5	578.8	561.9	459.1	363.7	290.2
25°	1587.5	1376.2	1266.3	1209.2	1075.9	962.2	916.5	853.9	721.4	532.2	403.8
22.5°	2521.8	2286.9	2068.6	1811.4	1632.2	1489.6	1334.9	1186.0	1029.2	775.2	576.1
20°	4063.3	3455.6	3044.9	2618.6	2287.5	2071.8	1812.7	1558.1	1342.2	1081.6	774.4
17.5°	7168.3	5074.9	4046.8	3417.1	2977.4	2676.0	2264.6	1889.5	1642.2	1408.1	986.7
15°	11057.8	7233.9	5221.9	4260.2	3596.6	3037.8	2617.3	2185.4	1930.3	1706.7	1242.5
12.5°	16801.8	9926.3	6309.8	4871.4	3972.5	3360.0	2915.3	2494.5	2163.5	1860.9	1425.0
10°	22034.6	13096.2	7958.1	5567.9	4380.7	3647.1	3107.1	2613.3	2227.0	1942.4	1577.2
7.5°	28258.5	16403.0	9593.5	6173.1	4729.0	3799.8	3140.9	2629.5	2264.7	2000.3	1700.0
5°	31843.9	18794.9	10717.1	6648.5	5023.4	3942.0	3154.3	2600.8	2279.7	2037.9	1794.7
2.5°	33915.9	20221.2	11365.3	6981.1	5239.5	4081.6	3190.3	2605.0	2298.0	2062.8	1831.2
0°	35111.1	20251.5	11501.0	7037.8	5286.2	4227.8	3265.2	2648.6	2313.6	2078.1	1843.8
-2.5°	33962.5	20254.7	11325.9	6922.1	5246.8	4209.0	3305.8	2695.7	2350.8	2086.9	1838.8
-5°	31680.7	18634.9	10559.7	6573.2	5004.0	4021.0	3236.1	2677.6	2341.6	2074.2	1812.5
-7.5°	27556.5	16124.2	9371.6	6077.8	4659.0	3756.6	3086.4	2584.1	2253.9	2003.0	1730.0
-10°	21561.5	12749.3	7692.6	5358.5	4216.4	3476.3	2912.2	2465.1	2155.1	1924.0	1632.0
-12.5°	16340.8	9626.5	5954.3	4501.3	3711.4	3163.4	2724.0	2336.8	2046.5	1838.7	1521.5
-15°	10968.8	7171.6	5083.7	3975.3	3302.6	2887.2	2563.3	2256.0	2007.2	1773.7	1401.0
-17.5°	8240.7	5492.4	4252.3	3571.0	3057.8	2696.1	2455.2	2215.6	1985.8	1722.0	1289.3
-20°	6085.0	4740.3	3865.9	3295.3	2891.2	2604.2	2377.7	2179.9	1951.8	1595.5	1153.7



REPORT NUMBER: P1306045 (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°	5145.1	4286.7	3603.4	3093.9	2768.8	2526.2	2322.3	2134.2	1902.8	1428.5	1003.7
-25°	4486.5	3893.3	3404.3	3054.1	2704.5	2436.9	2267.9	2072.8	1714.4	1240.7	863.6
-27.5°	4019.7	3598.5	3355.9	3040.3	2713.7	2414.7	2205.6	1976.4	1500.3	1067.7	849.3
-30°	3732.2	3496.6	3282.2	3039.0	2725.1	2427.7	2160.3	1725.8	1281.7	920.6	838.9
-32.5°	3583.7	3375.0	3175.7	2974.6	2693.2	2387.9	1934.5	1457.2	1036.0	903.4	820.5
-35°	3431.4	3213.9	3012.9	2809.1	2588.4	2114.8	1632.0	1170.7	965.1	878.4	796.0
-37.5°	3237.8	3005.9	2801.2	2567.2	2181.7	1734.3	1261.1	1036.8	935.6	846.1	757.2
-40°	2989.0	2770.3	2446.0	2105.4	1699.7	1267.0	1101.7	1001.1	906.2	803.2	710.1
-42.5°	2563.9	2267.4	1934.0	1558.0	1246.8	1150.9	1057.8	967.6	867.2	758.3	661.0
-45°	1964.7	1656.4	1364.1	1272.5	1180.7	1098.5	1019.7	918.8	812.0	708.0	610.3
-47.5°	1443.5	1357.6	1274.4	1201.6	1125.6	1044.7	949.3	852.2	748.4	651.5	569.1
-50°	1328.4	1263.1	1199.2	1131.7	1041.9	951.7	862.3	772.7	681.9	601.2	523.5
-52.5°	1233.0	1161.3	1087.8	1012.2	933.0	849.7	767.5	696.7	621.9	545.2	473.2
-55°	1092.6	1025.9	958.7	889.8	821.9	756.3	690.5	622.5	552.6	482.5	416.3
-57.5°	946.0	888.9	834.3	780.8	729.1	666.2	600.7	537.3	476.0	413.2	355.2
-60°	809.4	762.6	714.2	664.7	614.4	560.0	503.1	447.4	393.3	346.9	300.9
-62.5°	665.3	621.6	580.8	539.2	496.5	451.4	405.0	364.2	324.6	284.7	240.9
-65°	521.4	484.1	449.2	418.8	388.1	356.7	321.4	285.3	249.8	215.4	176.8
-67.5°	390.7	364.3	339.3	314.1	286.7	258.0	227.6	198.1	172.7	147.8	117.8
-70°	267.5	245.7	223.8	201.8	181.6	162.6	143.4	123.5	102.6	86.5	70.3
-72.5°	154.8	139.8	125.1	111.4	97.1	87.4	78.2	67.7	56.3	44.0	34.9
-75°	74.2	67.7	61.2	55.3	48.6	41.2	37.1	34.3	31.5	28.7	25.8
-77.5°	36.4	34.4	32.5	31.0	29.3	27.5	25.4	23.6	22.4	21.3	20.1
-80°	24.0	23.2	22.3	21.4	20.6	19.8	19.0	18.2	17.4	16.6	15.9
-82.5°	16.5	15.9	15.3	14.9	14.5	14.1	13.7	13.2	12.7	12.2	11.6
-85°	11.1	10.8	10.4	10.3	10.1	9.9	9.6	9.4	9.2	9.0	8.8
-87.5°	8.4	8.3	8.3	7.9	7.6	7.2	6.9	6.8	6.7	6.7	6.6
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	4.6	4.3	3.9	3.6	3.6	3.6	3.6
87.5°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4
85°	1.3	1.4	1.4	1.4	1.6	1.8	2.1	2.4	2.4	2.4	2.4
82.5°	1.5	1.8	2.0	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.4
80°	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.6
77.5°	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.9	2.9
75°	3.2	2.8	2.5	2.4	2.5	2.4	2.4	2.5	2.8	3.1	3.2
72.5°	3.5	3.2	2.8	2.5	2.7	2.7	2.6	2.5	2.8	3.1	3.4
70°	5.2	3.9	3.4	3.1	3.1	3.1	3.1	2.9	2.9	3.1	3.4
67.5°	8.0	6.0	4.6	3.7	3.4	3.4	3.5	3.3	3.1	3.2	3.5
65°	14.3	9.6	6.0	4.7	3.9	3.6	3.6	3.6	3.4	3.3	3.5
62.5°	20.3	14.2	9.7	6.3	4.4	3.8	3.6	3.8	3.6	3.5	3.5
60°	26.5	19.8	13.8	9.7	6.1	3.9	3.7	3.9	3.9	3.6	3.6
57.5°	26.8	24.6	19.4	13.6	9.0	5.3	3.9	4.2	4.2	3.8	3.6
55°	25.5	24.3	23.2	18.5	12.4	7.8	4.9	4.4	4.5	4.2	3.7
52.5°	22.6	23.8	24.1	22.0	16.7	10.6	7.1	4.8	4.8	4.5	4.0
50°	19.6	22.8	24.6	23.7	20.3	14.5	9.2	6.4	5.2	4.9	4.4
47.5°	18.4	22.1	24.7	25.3	22.6	18.4	12.3	8.0	5.6	5.3	4.7
45°	18.6	21.7	25.0	26.2	25.1	21.1	15.7	9.5	6.9	5.7	5.1
42.5°	20.1	22.8	25.0	27.7	26.7	23.4	19.0	12.2	8.0	6.1	5.4
40°	27.3	25.4	26.0	28.9	28.7	25.5	21.1	15.1	9.0	6.6	5.7
37.5°	36.9	32.4	29.4	33.1	31.6	27.8	23.0	17.8	10.4	7.4	6.0
35°	63.0	43.4	43.1	43.3	37.6	30.4	24.8	20.0	12.9	8.1	6.3
32.5°	96.0	74.8	72.8	60.6	45.8	33.4	27.1	22.0	15.3	8.8	6.6
30°	160.0	143.8	113.8	83.0	58.7	41.2	30.2	24.1	17.8	9.4	6.9
27.5°	265.0	228.9	169.5	120.8	80.3	51.2	34.7	26.2	20.2	10.5	7.4
25°	373.6	327.6	252.1	169.4	105.3	71.5	39.7	28.4	22.2	12.4	7.9
22.5°	478.8	430.1	345.3	224.5	141.8	97.7	50.8	32.4	23.9	14.2	8.3
20°	581.3	535.2	440.7	274.8	184.6	129.6	69.8	36.7	25.7	16.0	8.6
17.5°	694.4	616.0	494.3	333.7	227.1	161.9	91.8	41.2	27.4	17.7	8.9
15°	833.3	663.9	546.0	386.1	265.0	194.1	116.0	45.8	29.0	19.2	9.3
12.5°	957.7	708.1	596.9	432.0	298.5	225.8	141.6	50.4	30.5	21.0	9.8
10°	1074.5	748.8	646.0	471.6	328.1	256.9	167.8	55.6	33.0	22.9	10.3
7.5°	1181.1	786.0	692.2	505.2	352.3	278.2	184.0	61.9	35.6	24.8	10.8
5°	1268.2	815.6	724.4	528.0	364.2	288.5	195.7	68.0	38.1	26.4	11.3
2.5°	1309.1	835.9	744.3	545.1	374.3	296.5	204.4	73.8	40.4	27.9	11.7
0°	1330.4	853.3	757.4	557.1	382.4	302.2	210.0	78.9	42.5	29.1	12.1
-2.5°	1333.5	857.2	760.7	569.3	395.1	310.5	217.4	92.9	53.4	35.8	15.9
-5°	1316.8	857.7	758.3	576.2	405.3	316.5	222.4	106.1	63.9	42.1	19.5
-7.5°	1259.6	844.8	745.3	576.8	412.7	320.2	225.3	118.2	73.7	47.9	22.9
-10°	1179.0	822.1	720.2	567.0	419.5	325.3	227.7	129.0	82.6	53.0	26.0
-12.5°	1080.4	796.6	694.5	555.1	424.6	332.4	235.3	140.0	90.6	57.3	28.7
-15°	964.5	768.4	669.6	542.2	427.6	338.1	240.7	149.7	97.9	61.2	30.8
-17.5°	837.2	737.7	646.8	529.1	428.7	342.7	243.8	157.2	104.0	64.6	32.8
-20°	808.9	719.5	626.8	516.7	428.0	346.4	244.7	162.1	108.7	66.8	34.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	798.1	711.3	613.9	511.0	426.9	349.4	243.5	164.3	112.1	67.9	35.5
-25°	786.9	701.3	599.3	503.1	426.7	345.2	242.8	163.6	114.0	67.7	35.7
-27.5°	773.8	687.4	581.1	490.4	418.1	338.8	241.3	165.2	114.1	66.1	35.0
-30°	758.8	663.9	562.7	474.6	406.3	321.5	235.8	164.9	112.0	64.6	33.4
-32.5°	737.7	636.6	539.8	459.2	386.9	302.7	223.6	162.5	108.1	62.7	32.3
-35°	701.8	605.2	512.1	440.1	364.3	284.9	210.7	158.0	102.4	59.5	30.9
-37.5°	662.0	569.5	487.7	416.2	340.6	265.4	200.7	147.9	94.7	55.0	28.8
-40°	620.0	534.7	460.7	389.5	317.0	244.2	188.7	135.4	87.5	49.1	25.9
-42.5°	575.6	502.0	431.1	361.9	292.2	228.5	174.3	121.1	78.3	44.1	22.3
-45°	536.5	466.5	398.9	332.1	266.8	210.5	156.3	105.5	67.5	39.1	19.4
-47.5°	494.5	429.0	363.9	299.8	243.9	189.6	136.1	91.8	55.6	33.1	18.1
-50°	451.6	388.5	326.0	269.4	217.8	164.7	115.2	76.6	47.3	26.0	16.6
-52.5°	406.1	344.6	289.1	238.3	187.1	137.5	96.1	60.6	38.3	22.1	14.8
-55°	354.8	301.9	252.5	202.3	153.5	112.3	75.3	49.4	28.6	19.7	13.0
-57.5°	306.2	259.2	209.9	162.4	121.7	86.3	58.5	37.4	24.0	17.0	12.3
-60°	255.6	208.6	163.2	125.0	90.5	63.7	43.9	27.7	20.7	14.7	11.5
-62.5°	197.7	156.5	121.0	88.3	64.5	45.9	30.5	23.7	17.3	13.7	10.7
-65°	142.3	109.4	79.4	60.9	43.6	30.8	25.6	19.5	15.6	12.6	10.0
-67.5°	88.6	70.0	52.6	36.8	29.8	25.2	20.4	17.1	14.2	11.5	9.4
-70°	54.0	38.9	31.8	27.8	23.7	19.9	17.9	15.5	12.8	10.7	8.8
-72.5°	31.5	28.0	24.7	21.3	19.3	17.5	15.7	13.8	11.8	9.9	8.1
-75°	23.0	21.3	19.8	18.1	16.5	15.0	13.8	12.5	10.6	9.0	7.4
-77.5°	18.8	17.5	16.2	15.0	13.9	13.0	12.1	11.1	9.5	8.1	6.7
-80°	14.9	14.0	13.1	12.3	11.5	10.9	10.3	9.7	8.3	7.1	6.0
-82.5°	11.0	10.6	10.3	9.9	9.5	9.1	8.7	8.2	7.1	6.1	5.3
-85°	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.7	6.0	5.3	4.7
-87.5°	6.5	6.4	6.4	6.3	6.0	5.8	5.5	5.2	4.8	4.5	4.2
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.6	3.6	3.6	3.6	3.6	3.0	2.4
87.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4
85°	2.4	2.5	2.6	2.6	2.6	2.5	2.4
82.5°	2.4	2.6	2.7	2.8	2.7	2.6	2.4
80°	2.5	2.7	2.8	2.9	2.8	2.6	2.4
77.5°	2.8	2.8	2.9	3.0	2.9	2.7	2.4
75°	3.1	3.0	3.1	3.1	3.0	2.7	2.4
72.5°	3.4	3.2	3.2	3.2	3.1	2.8	2.4
70°	3.6	3.4	3.3	3.4	3.2	2.8	2.4
67.5°	3.6	3.5	3.4	3.4	3.3	2.9	2.4
65°	3.6	3.6	3.4	3.4	3.4	2.9	2.4
62.5°	3.6	3.6	3.5	3.5	3.5	3.0	2.4
60°	3.6	3.6	3.6	3.5	3.6	3.0	2.4
57.5°	3.7	3.6	3.6	3.5	3.6	3.0	2.4
55°	3.7	3.6	3.6	3.6	3.6	3.1	2.4
52.5°	3.8	3.6	3.6	3.6	3.6	3.1	2.4
50°	4.0	3.7	3.6	3.6	3.6	3.2	2.4
47.5°	4.1	3.9	3.6	3.6	3.6	3.2	2.4
45°	4.4	4.0	3.6	3.6	3.6	3.2	2.4
42.5°	4.7	4.2	3.6	3.6	3.6	3.3	2.4
40°	5.0	4.3	3.7	3.6	3.6	3.3	2.4
37.5°	5.3	4.5	3.8	3.6	3.6	3.4	2.4
35°	5.5	4.7	3.9	3.6	3.6	3.4	2.4
32.5°	5.8	4.9	4.1	3.6	3.6	3.4	2.4
30°	6.0	5.1	4.2	3.6	3.6	3.4	2.4
27.5°	6.2	5.3	4.3	3.6	3.6	3.5	2.4
25°	6.4	5.5	4.4	3.6	3.6	3.5	2.4
22.5°	6.6	5.6	4.5	3.6	3.6	3.5	2.4
20°	6.8	5.7	4.6	3.6	3.6	3.5	2.4
17.5°	7.0	5.8	4.7	3.6	3.6	3.5	2.4
15°	7.2	5.9	4.7	3.6	3.6	3.6	2.4
12.5°	7.5	6.0	4.8	3.6	3.6	3.6	2.4
10°	7.7	6.0	4.8	3.6	3.6	3.6	2.4
7.5°	7.9	6.0	4.9	3.6	3.6	3.6	2.4
5°	8.1	6.1	4.9	3.6	3.6	3.6	2.4
2.5°	8.3	6.1	4.9	3.6	3.6	3.6	2.4
0°	8.5	6.1	4.9	3.6	3.6	3.6	2.4
-2.5°	9.9	6.6	5.1	3.8	3.7	3.6	2.4
-5°	11.3	7.1	5.3	3.9	3.7	3.6	2.4
-7.5°	12.6	7.6	5.5	4.1	3.8	3.6	2.4
-10°	13.8	8.0	5.7	4.2	3.8	3.6	2.4
-12.5°	14.8	8.4	5.8	4.4	3.9	3.6	2.4
-15°	15.6	8.8	6.0	4.5	3.9	3.6	2.4
-17.5°	16.3	9.0	6.1	4.7	4.0	3.6	2.4
-20°	16.9	9.3	6.3	4.8	4.0	3.5	2.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.4	9.4	6.4	4.9	4.0	3.5	2.4
-25°	17.6	9.5	6.5	5.0	4.0	3.5	2.4
-27.5°	17.3	9.6	6.6	5.1	4.1	3.5	2.4
-30°	16.6	9.5	6.7	5.1	4.1	3.5	2.4
-32.5°	15.4	9.4	6.7	5.2	4.1	3.5	2.4
-35°	14.8	9.1	6.8	5.2	4.1	3.4	2.4
-37.5°	14.5	8.9	6.8	5.2	4.1	3.4	2.4
-40°	14.0	8.8	6.7	5.2	4.0	3.4	2.4
-42.5°	13.2	8.8	6.7	5.2	4.0	3.4	2.4
-45°	12.3	8.6	6.6	5.1	4.0	3.4	2.4
-47.5°	11.3	8.5	6.5	5.1	3.9	3.4	2.4
-50°	10.8	8.2	6.4	5.0	3.9	3.3	2.4
-52.5°	10.5	8.0	6.3	4.9	3.8	3.3	2.4
-55°	10.0	7.7	6.1	4.8	3.8	3.3	2.4
-57.5°	9.5	7.5	6.0	4.7	3.7	3.3	2.4
-60°	8.9	7.2	5.8	4.5	3.6	3.3	2.4
-62.5°	8.6	6.9	5.6	4.4	3.6	3.2	2.4
-65°	8.1	6.6	5.3	4.2	3.6	3.2	2.4
-67.5°	7.7	6.3	5.1	4.1	3.6	3.2	2.4
-70°	7.2	5.9	4.8	3.9	3.6	3.2	2.4
-72.5°	6.6	5.5	4.5	3.9	3.6	3.2	2.4
-75°	6.1	5.1	4.3	3.8	3.6	3.1	2.4
-77.5°	5.5	4.7	4.1	3.8	3.6	3.1	2.4
-80°	4.9	4.4	4.0	3.8	3.6	3.1	2.4
-82.5°	4.6	4.2	3.9	3.7	3.6	3.1	2.4
-85°	4.3	4.0	3.8	3.7	3.6	3.1	2.4
-87.5°	3.9	3.8	3.7	3.6	3.6	3.0	2.4
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)