

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: P1306069 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

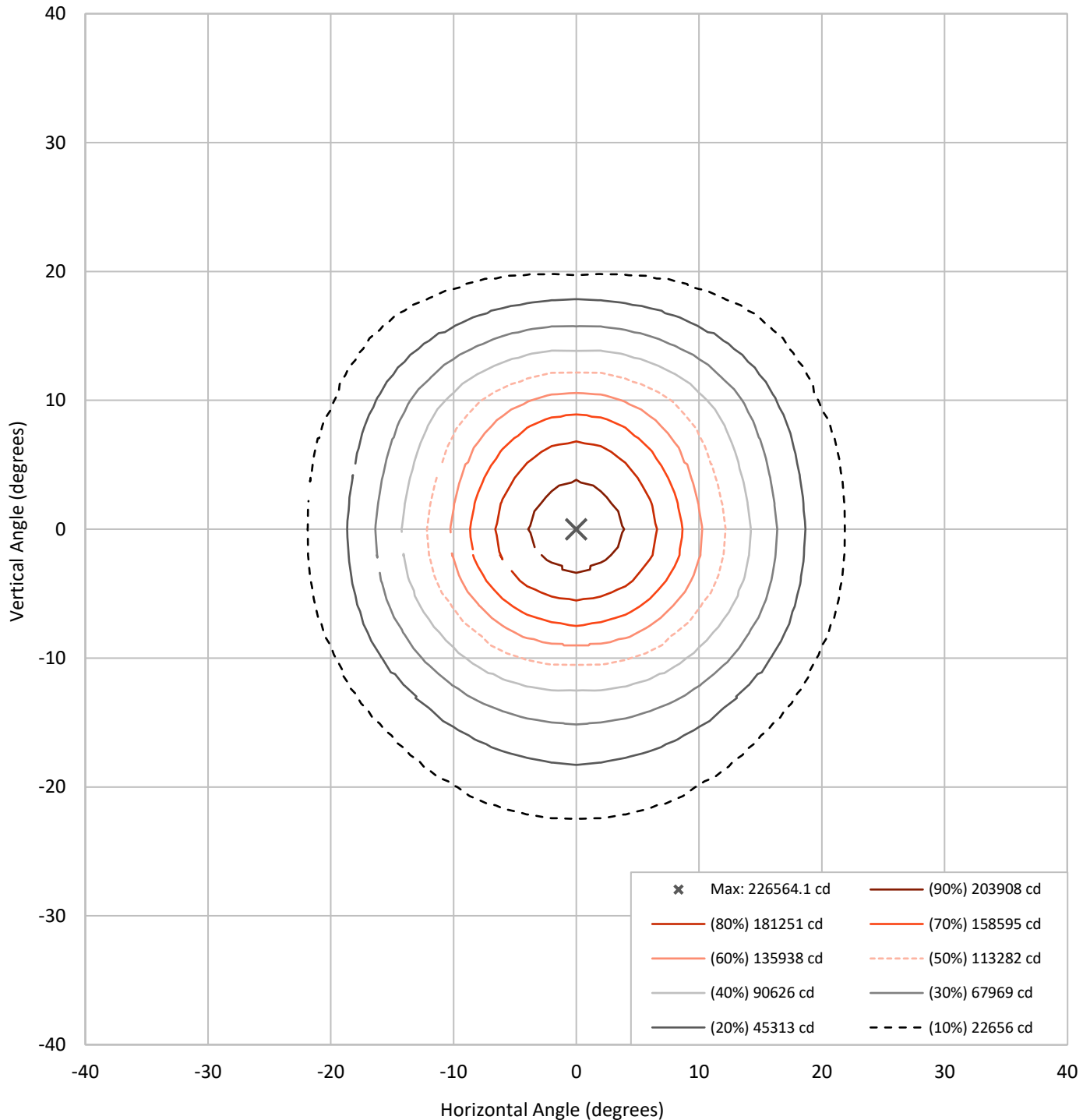
Test Method: LM-79-08  
Report Number: P1306069 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-320N-50-80-3S-CV1-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 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:	46957.3 lumens	Max Intensity:	226564.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.6 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:	22142.5 lumens	Field Lumens:	40001.5 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





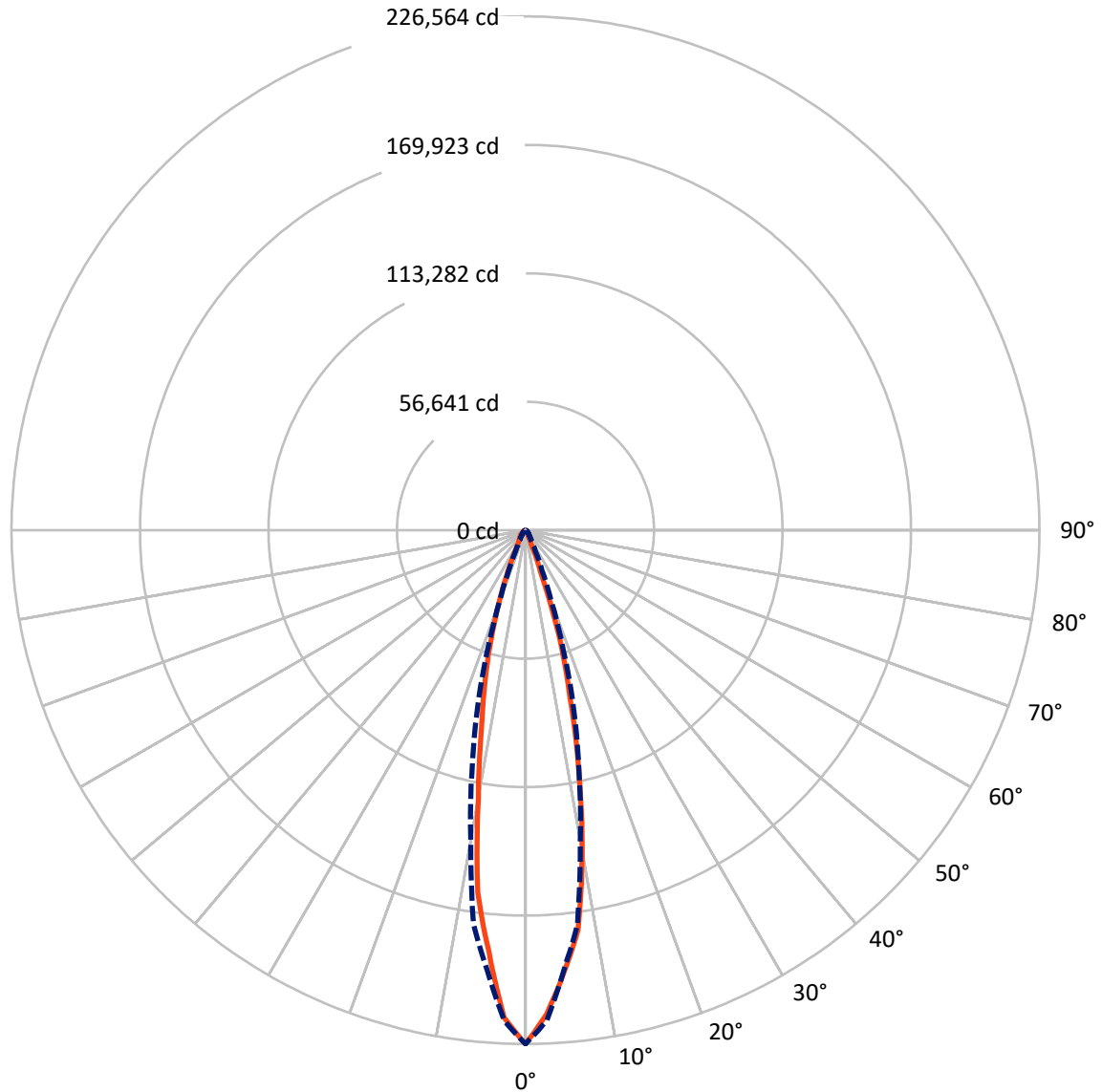
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### Lumen Table

90	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1						
80	0.1	0.1	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	0.3	0.2	0.2	0.2	0.2	0.3	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	0.1	0.4	0.4	0.4	0.7	1.2	0.8	0.8	1.2	0.7	0.4	0.4	0.4	0.1	0.1	
40		0.2	0.8	1.8	3.3	4.8	6.6	7.9	7.9	6.6	4.8	3.3	1.8	0.8	0.2		
30	0.1	0.4	3.2	10.0	23.2	38.6	79.2	152.4	152.4	79.2	38.6	23.2	10.0	3.2	0.4	0.1	
20		1.0	6.8	25.5	61.7	163.4	899.9	2123.7	2123.7	899.9	163.4	61.7	25.5	6.8	1.0		
10	0.2	1.5	9.1	33.9	79.4	348.6	2157.4	5059.5	5059.5	2157.4	348.6	79.4	33.9	9.1	1.5	0.2	
0		1.8	9.7	34.5	79.6	345.2	2119.7	4848.6	4848.6	2119.7	345.2	79.6	34.5	9.7	1.8		
-10	0.4	2.2	9.2	28.6	62.6	164.8	859.4	1939.7	1939.7	859.4	164.8	62.6	28.6	9.2	2.2	0.4	
-20		2.3	8.6	21.4	53.3	93.4	213.8	437.2	437.2	213.8	93.4	53.3	21.4	8.6	2.3		
-30	0.3	2.0	7.4	16.2	39.4	77.2	108.5	133.2	133.2	108.5	77.2	39.4	16.2	7.4	2.0	0.3	
-40		1.4	5.6	12.8	23.9	42.4	69.5	88.9	88.9	69.5	42.4	23.9	12.8	5.6	1.4		
-50	0.2	0.7	3.4	8.6	16.3	25.1	33.6	38.9	38.9	33.6	25.1	16.3	8.6	3.4	0.7	0.2	
-60		0.3	1.2	3.7	7.6	12.1	16.5	19.0	19.0	16.5	12.1	7.6	3.7	1.2	0.3		
-70	0.1	0.7	2.4	6.2	8.4	6.2	2.4	0.7	0.1							0.1	
-80		0.1	0.7	2.4	6.2	8.4	6.2	2.4	0.7	0.1							
-90	0.1	0.7	2.4	6.2	8.4	6.2	2.4	0.7	0.1								

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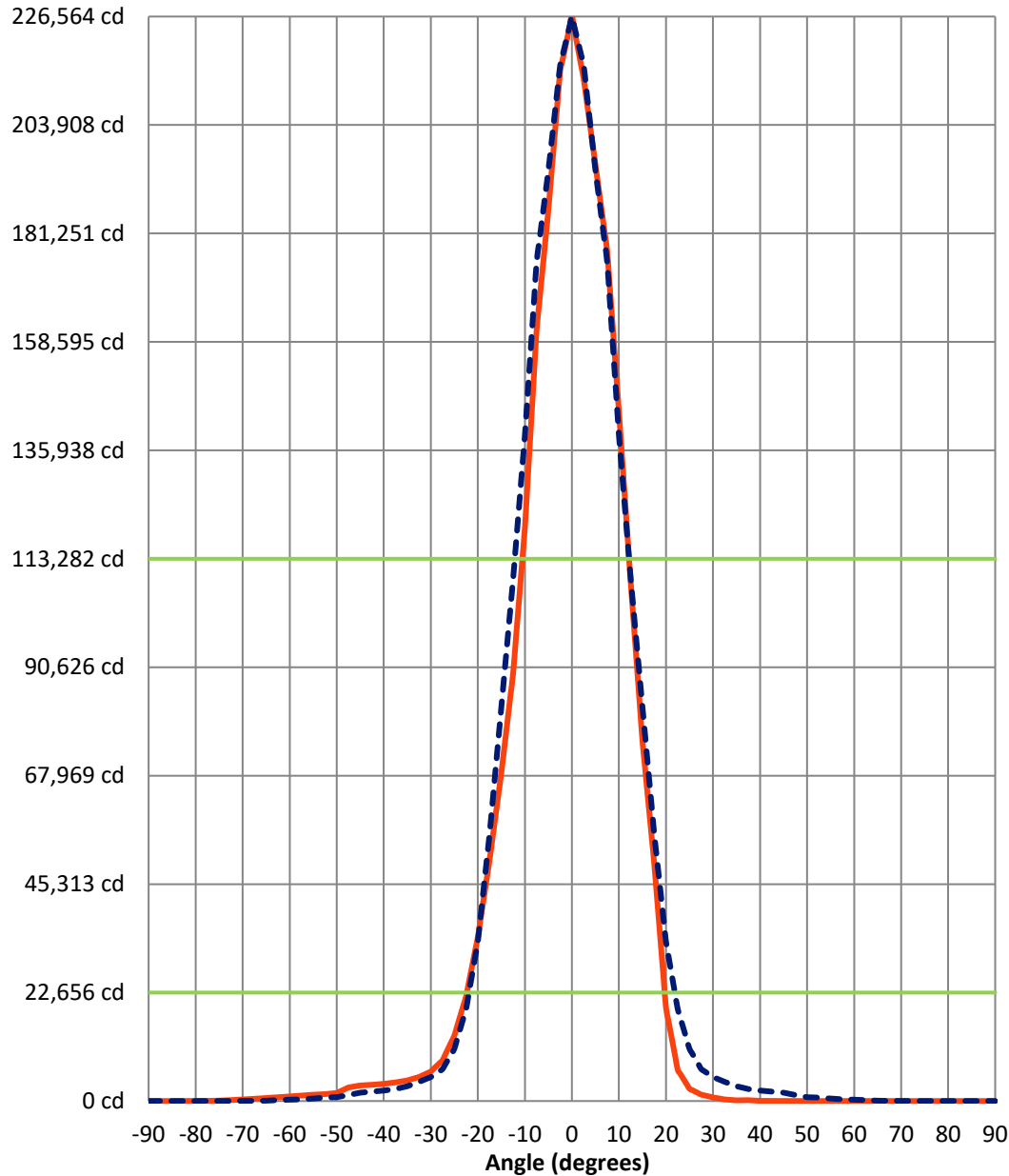
### Luminous Intensity Polar Plot



— 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: 22142.5  
 Efficiency: 47.2%

**Field:**  
 H Angle: 43.8°  
 V Angle: 42.1°  
 Lumens: 40001.5  
 Efficiency: 85.2%

**Spill:**  
 Lumens: 6955.8  
 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°	2.3	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
85°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.5	2.6	2.7	2.6	2.5	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.5	2.7	2.8	2.7	2.6	2.4	2.5	2.5	2.5	2.3
77.5°	2.3	2.6	2.8	2.9	2.8	2.7	2.7	2.8	2.8	2.6	2.4
75°	2.3	2.6	2.9	3.0	3.0	2.9	3.0	3.1	3.0	2.7	2.4
72.5°	2.3	2.7	3.0	3.1	3.1	3.1	3.3	3.3	3.0	2.7	2.4
70°	2.3	2.7	3.1	3.3	3.2	3.3	3.5	3.3	3.0	2.8	2.8
67.5°	2.3	2.8	3.2	3.3	3.3	3.4	3.5	3.4	3.1	3.0	3.2
65°	2.3	2.8	3.3	3.3	3.3	3.5	3.5	3.4	3.2	3.3	3.5
62.5°	2.3	2.9	3.4	3.4	3.4	3.5	3.5	3.4	3.4	3.5	3.6
60°	2.3	2.9	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.7	3.8
57.5°	2.3	2.9	3.5	3.4	3.5	3.5	3.5	3.5	3.7	4.0	4.0
55°	2.3	3.0	3.5	3.5	3.5	3.5	3.6	3.6	4.0	4.2	4.3
52.5°	2.3	3.0	3.5	3.5	3.5	3.5	3.7	3.8	4.3	4.6	4.6
50°	2.3	3.1	3.5	3.5	3.5	3.6	3.8	4.2	4.6	4.9	6.1
47.5°	2.3	3.1	3.5	3.5	3.5	3.7	4.0	4.5	5.0	5.3	7.6
45°	2.3	3.1	3.5	3.5	3.5	3.8	4.2	4.8	5.4	6.5	9.0
42.5°	2.3	3.2	3.5	3.5	3.5	4.0	4.5	5.1	5.7	7.6	11.6
40°	2.3	3.2	3.5	3.5	3.6	4.1	4.7	5.4	6.2	8.6	14.3
37.5°	2.3	3.3	3.5	3.5	3.7	4.3	5.0	5.7	7.0	9.9	16.9
35°	2.3	3.3	3.5	3.5	3.8	4.5	5.2	6.0	7.7	12.2	19.0
32.5°	2.3	3.3	3.5	3.5	3.9	4.6	5.5	6.3	8.3	14.5	20.9
30°	2.3	3.3	3.5	3.5	4.0	4.8	5.7	6.6	8.9	16.9	22.8
27.5°	2.3	3.4	3.5	3.5	4.1	5.0	5.9	7.0	9.9	19.2	24.9
25°	2.3	3.4	3.5	3.5	4.2	5.2	6.1	7.5	11.7	21.1	27.0
22.5°	2.3	3.4	3.5	3.5	4.3	5.3	6.3	7.8	13.5	22.7	30.8
20°	2.3	3.4	3.5	3.5	4.3	5.4	6.5	8.1	15.2	24.3	34.8
17.5°	2.3	3.4	3.5	3.5	4.4	5.5	6.7	8.4	16.7	25.9	39.1
15°	2.3	3.5	3.5	3.5	4.4	5.6	6.9	8.8	18.2	27.5	43.4
12.5°	2.3	3.5	3.5	3.5	4.5	5.7	7.1	9.3	19.9	29.0	47.8
10°	2.3	3.5	3.5	3.5	4.5	5.7	7.3	9.8	21.8	31.3	52.7
7.5°	2.3	3.5	3.5	3.5	4.6	5.7	7.5	10.2	23.5	33.8	58.7
5°	2.3	3.5	3.5	3.5	4.6	5.8	7.7	10.7	25.1	36.1	64.5
2.5°	2.3	3.5	3.5	3.5	4.6	5.8	7.9	11.1	26.4	38.3	69.9
0°	2.3	3.5	3.5	3.5	4.6	5.8	8.1	11.5	27.6	40.3	74.8
-2.5°	2.3	3.5	3.5	3.7	4.8	6.3	9.5	15.1	33.9	50.6	88.1
-5°	2.3	3.5	3.6	3.8	5.0	6.8	10.8	18.5	39.9	60.5	100.6
-7.5°	2.3	3.5	3.6	3.9	5.2	7.2	12.0	21.8	45.4	69.8	112.0
-10°	2.3	3.5	3.7	4.1	5.3	7.7	13.1	24.7	50.2	78.3	122.3
-12.5°	2.3	3.5	3.7	4.2	5.5	8.0	14.1	27.2	54.3	85.9	132.7
-15°	2.3	3.5	3.8	4.3	5.7	8.4	14.8	29.2	58.0	92.8	142.0
-17.5°	2.3	3.5	3.8	4.5	5.8	8.6	15.4	31.1	61.2	98.6	149.0
-20°	2.3	3.4	3.8	4.6	5.9	8.8	16.0	32.7	63.3	103.1	153.7



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 CATALOG NUMBER: EPH-08-320N-50-80-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.3	3.4	3.9	4.7	6.0	8.9	16.5	33.7	64.4	106.3	155.8
-25°	2.3	3.4	3.9	4.7	6.1	9.0	16.7	33.8	64.2	108.1	155.1
-27.5°	2.3	3.4	3.9	4.8	6.2	9.1	16.5	33.2	62.7	108.2	156.6
-30°	2.3	3.4	3.9	4.9	6.3	9.0	15.8	31.7	61.3	106.2	156.3
-32.5°	2.3	3.4	3.9	4.9	6.4	8.9	14.7	30.6	59.5	102.5	154.1
-35°	2.3	3.3	3.9	4.9	6.4	8.6	14.1	29.3	56.4	97.0	149.8
-37.5°	2.3	3.3	3.9	4.9	6.4	8.4	13.8	27.3	52.1	89.7	140.3
-40°	2.3	3.3	3.9	4.9	6.4	8.4	13.2	24.6	46.6	82.9	128.4
-42.5°	2.3	3.3	3.9	4.9	6.3	8.3	12.6	21.2	41.8	74.2	114.8
-45°	2.3	3.3	3.8	4.8	6.3	8.2	11.7	18.4	37.1	64.0	100.0
-47.5°	2.3	3.3	3.8	4.8	6.2	8.0	10.7	17.2	31.4	52.7	87.1
-50°	2.3	3.2	3.7	4.7	6.1	7.8	10.3	15.7	24.6	44.9	72.6
-52.5°	2.3	3.2	3.7	4.6	5.9	7.6	9.9	14.0	21.0	36.3	57.5
-55°	2.3	3.2	3.6	4.5	5.8	7.3	9.5	12.3	18.6	27.1	46.9
-57.5°	2.3	3.2	3.6	4.4	5.6	7.1	9.0	11.7	16.2	22.7	35.5
-60°	2.3	3.2	3.5	4.3	5.4	6.8	8.5	10.9	13.9	19.6	26.2
-62.5°	2.3	3.1	3.5	4.2	5.2	6.6	8.1	10.2	13.0	16.4	22.4
-65°	2.3	3.1	3.5	4.0	5.0	6.3	7.7	9.4	11.9	14.7	18.5
-67.5°	2.3	3.1	3.5	3.9	4.8	5.9	7.2	8.9	10.9	13.5	16.2
-70°	2.3	3.1	3.5	3.8	4.6	5.6	6.8	8.3	10.1	12.1	14.6
-72.5°	2.3	3.1	3.5	3.7	4.3	5.2	6.3	7.7	9.3	11.1	13.1
-75°	2.3	3.0	3.5	3.7	4.1	4.8	5.7	7.0	8.5	10.1	11.8
-77.5°	2.3	3.0	3.5	3.7	4.0	4.4	5.2	6.3	7.6	9.0	10.5
-80°	2.3	3.0	3.5	3.6	3.9	4.2	4.6	5.6	6.7	7.9	9.2
-82.5°	2.3	3.0	3.5	3.6	3.8	4.0	4.3	5.0	5.8	6.7	7.8
-85°	2.3	3.0	3.5	3.6	3.7	3.9	4.1	4.5	5.0	5.6	6.4
-87.5°	2.3	2.9	3.5	3.5	3.6	3.7	3.8	4.0	4.3	4.6	4.9
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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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°	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	2.0	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	2.0	1.8	1.5	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2
82.5°	2.1	2.0	2.0	2.0	1.9	1.7	1.5	1.4	1.4	1.4	1.3
80°	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.7
77.5°	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.9	2.9	2.8	2.6
75°	2.3	2.3	2.4	2.3	2.4	2.7	3.1	3.4	3.4	3.3	3.3
72.5°	2.5	2.6	2.6	2.4	2.7	3.1	3.4	3.5	4.2	5.1	5.7
70°	3.0	3.0	3.0	3.0	3.3	3.8	5.0	6.5	8.2	9.3	10.9
67.5°	3.4	3.3	3.3	3.6	4.4	5.8	7.6	11.6	16.1	17.9	18.8
65°	3.5	3.5	3.8	4.5	5.7	9.1	13.5	18.8	24.3	25.5	25.4
62.5°	3.5	3.7	4.3	6.0	9.2	13.5	19.3	25.2	30.9	30.0	26.5
60°	3.6	3.8	5.8	9.2	13.1	18.8	25.1	28.2	30.1	29.9	25.8
57.5°	3.8	5.1	8.6	12.9	18.4	23.3	25.3	27.2	28.3	29.2	24.3
55°	4.7	7.4	11.8	17.5	22.0	23.0	24.2	24.8	25.8	23.9	18.5
52.5°	6.8	10.0	15.8	20.9	22.8	22.6	21.5	21.6	20.0	17.4	14.7
50°	8.7	13.8	19.3	22.5	23.4	21.7	18.6	17.6	16.0	14.0	12.1
47.5°	11.7	17.5	21.4	24.0	23.5	21.0	17.4	15.3	13.6	13.0	11.2
45°	14.9	20.0	23.8	24.9	23.7	20.5	17.6	13.8	14.6	14.5	14.3
42.5°	18.0	22.2	25.4	26.3	23.7	21.6	19.0	18.1	18.1	20.3	21.9
40°	20.1	24.2	27.2	27.5	24.6	24.1	25.8	26.9	25.9	29.8	33.1
37.5°	21.9	26.4	30.0	31.4	27.8	30.6	35.0	47.1	48.3	41.3	52.9
35°	23.6	28.8	35.7	41.0	40.8	41.1	59.7	78.1	86.7	75.9	86.0
32.5°	25.7	31.7	43.5	57.4	69.0	70.8	91.0	128.5	146.1	146.9	145.4
30°	28.7	39.1	55.6	78.7	107.9	136.3	151.7	192.9	221.2	269.5	306.2
27.5°	32.9	48.6	76.1	114.6	160.7	217.1	251.4	275.2	344.9	435.3	532.9
25°	37.7	67.9	99.8	160.6	239.0	310.6	354.4	383.0	504.7	684.2	809.8
22.5°	48.2	92.6	134.4	213.0	327.5	408.0	454.1	546.4	735.1	976.1	1124.8
20°	66.3	123.0	175.1	260.6	418.0	507.6	551.3	734.4	1025.8	1272.9	1477.7
17.5°	87.1	153.5	215.4	316.5	468.8	584.3	658.5	935.7	1335.4	1557.4	1791.9
15°	110.1	184.0	251.3	366.2	517.8	629.7	790.3	1178.4	1618.6	1830.6	2072.6
12.5°	134.3	214.2	283.1	409.8	566.1	671.6	908.2	1351.5	1764.8	2051.8	2365.7
10°	159.2	243.6	311.2	447.3	612.7	710.2	1019.0	1495.7	1842.1	2112.0	2478.4
7.5°	174.5	263.9	334.1	479.2	656.5	745.4	1120.1	1612.2	1897.0	2147.7	2493.7
5°	185.6	273.6	345.4	500.8	687.0	773.5	1202.7	1702.0	1932.7	2161.9	2466.5
2.5°	193.8	281.2	355.0	517.0	705.8	792.8	1241.5	1736.6	1956.3	2179.3	2470.5
0°	199.1	286.6	362.6	528.4	718.3	809.3	1261.7	1748.6	1970.8	2194.1	2511.8
-2.5°	206.2	294.5	374.7	540.0	721.5	812.9	1264.6	1743.9	1979.1	2229.4	2556.5
-5°	210.9	300.1	384.4	546.5	719.2	813.4	1248.7	1719.0	1967.1	2220.7	2539.3
-7.5°	213.6	303.6	391.3	547.0	706.8	801.1	1194.5	1640.7	1899.6	2137.6	2450.7
-10°	215.9	308.5	397.9	537.8	683.1	779.6	1118.1	1547.7	1824.6	2043.8	2337.8
-12.5°	223.2	315.2	402.7	526.5	658.7	755.5	1024.6	1442.9	1743.8	1940.9	2216.2
-15°	228.2	320.6	405.6	514.2	635.0	728.7	914.7	1328.6	1682.1	1903.5	2139.6
-17.5°	231.2	325.0	406.6	501.8	613.5	699.6	794.0	1222.7	1633.1	1883.3	2101.2
-20°	232.1	328.5	405.9	490.0	594.5	682.3	767.2	1094.1	1513.1	1851.1	2067.4



REPORT NUMBER: P1306069 (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°	231.0	331.3	404.9	484.6	582.2	674.6	756.9	951.9	1354.7	1804.6	2024.1
-25°	230.3	327.4	404.7	477.1	568.4	665.1	746.3	819.0	1176.6	1625.9	1965.8
-27.5°	228.8	321.3	396.5	465.1	551.1	652.0	733.8	805.5	1012.5	1422.8	1874.3
-30°	223.7	304.9	385.3	450.1	533.6	629.6	719.7	795.6	873.0	1215.5	1636.7
-32.5°	212.1	287.1	366.9	435.5	511.9	603.7	699.6	778.2	856.8	982.5	1382.0
-35°	199.8	270.2	345.4	417.3	485.6	573.9	665.5	754.9	833.1	915.3	1110.3
-37.5°	190.4	251.7	323.0	394.7	462.5	540.1	627.7	718.1	802.4	887.3	983.3
-40°	178.9	231.6	300.6	369.3	437.0	507.1	588.0	673.4	761.7	859.4	949.4
-42.5°	165.3	216.7	277.1	343.2	408.8	476.1	545.9	626.8	719.1	822.5	917.7
-45°	148.2	199.6	253.0	315.0	378.3	442.4	508.8	578.9	671.4	770.1	871.3
-47.5°	129.1	179.7	231.3	284.3	345.1	406.9	468.9	539.7	617.9	709.7	808.2
-50°	109.3	156.1	206.5	255.5	309.2	368.5	428.3	496.5	570.1	646.6	732.8
-52.5°	91.1	130.4	177.4	225.9	274.2	326.7	385.2	448.8	517.0	589.8	660.7
-55°	71.4	106.5	145.5	191.8	239.4	286.3	336.5	394.8	457.6	524.0	590.4
-57.5°	55.5	81.8	115.4	154.0	199.1	245.8	290.4	336.9	391.9	451.4	509.5
-60°	41.6	60.4	85.9	118.6	154.8	197.9	242.4	285.4	329.0	373.0	424.4
-62.5°	28.9	43.5	61.1	83.7	114.8	148.4	187.5	228.4	270.0	307.9	345.4
-65°	24.2	29.1	41.3	57.8	75.3	103.7	135.0	167.7	204.2	236.9	270.6
-67.5°	19.4	23.9	28.2	34.8	49.9	66.3	84.0	111.7	140.2	163.7	187.8
-70°	16.9	18.9	22.5	26.4	30.1	36.8	51.2	66.6	82.0	97.3	117.0
-72.5°	14.9	16.6	18.4	20.3	23.4	26.6	29.8	33.1	41.7	53.4	64.2
-75°	13.1	14.2	15.6	17.2	18.7	20.2	21.8	24.5	27.2	29.9	32.5
-77.5°	11.5	12.3	13.2	14.3	15.4	16.6	17.8	19.0	20.1	21.2	22.4
-80°	9.8	10.4	11.0	11.7	12.5	13.3	14.1	15.0	15.8	16.5	17.2
-82.5°	8.2	8.6	9.0	9.4	9.8	10.1	10.5	11.1	11.6	12.1	12.6
-85°	6.7	6.9	7.2	7.4	7.7	7.9	8.1	8.3	8.6	8.8	9.0
-87.5°	5.2	5.5	5.7	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.4
-90°	2.0	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.6	4.9	5.2	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8
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°	1.5	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	2.5	2.3	2.2	2.0	1.8	1.7	1.6	1.4	1.2	1.2	1.2
75°	3.4	3.4	3.5	3.3	3.0	2.7	2.6	2.3	2.1	2.1	2.2
72.5°	6.1	6.1	5.9	5.8	5.5	5.3	5.4	5.3	5.1	5.2	5.4
70°	11.8	12.1	11.9	11.1	9.9	9.0	8.5	7.8	6.9	6.8	7.2
67.5°	18.5	17.7	16.6	15.3	13.2	11.5	10.6	9.7	8.9	8.7	8.9
65°	23.6	20.0	17.6	15.6	14.0	12.3	11.2	10.1	9.0	8.4	8.3
62.5°	22.8	18.7	16.0	14.2	12.6	11.3	9.9	8.6	7.3	6.5	6.6
60°	21.4	16.9	13.4	11.6	10.3	9.3	8.1	7.1	6.3	5.8	5.9
57.5°	18.2	13.3	10.2	9.4	8.4	7.4	6.6	6.2	5.9	5.8	5.8
55°	14.0	11.3	9.4	8.4	7.4	6.4	5.8	6.0	6.0	5.8	6.0
52.5°	11.6	10.0	8.7	7.7	7.2	7.0	6.8	6.8	7.0	7.2	7.3
50°	10.4	9.3	8.7	8.0	7.9	8.0	8.0	8.3	8.7	8.8	8.7
47.5°	10.5	10.0	10.5	9.1	9.4	10.3	10.3	10.4	11.1	11.4	11.3
45°	13.2	15.9	16.0	14.7	14.0	17.0	17.2	15.6	23.9	23.4	17.7
42.5°	23.5	25.1	25.2	26.6	29.5	38.7	55.9	71.3	73.7	64.8	44.5
40°	37.9	36.7	39.6	47.5	70.3	91.2	107.0	154.3	153.9	120.5	121.4
37.5°	61.8	60.4	64.8	88.8	96.2	83.2	117.1	120.4	103.1	122.9	124.7
35°	106.4	120.6	105.1	130.5	131.7	117.8	126.5	141.1	120.3	144.0	154.2
32.5°	193.9	219.0	221.3	219.4	232.5	245.3	237.8	273.4	279.8	303.5	329.5
30°	315.0	363.3	400.2	393.1	414.8	452.9	465.3	519.7	574.0	607.7	690.1
27.5°	548.9	573.2	648.9	702.3	689.9	752.1	875.5	913.6	1069.3	1143.8	1251.1
25°	869.1	912.4	1020.3	1146.8	1200.9	1305.1	1505.6	1601.5	1805.9	1910.3	2303.7
22.5°	1266.0	1412.6	1548.0	1717.9	1961.8	2168.9	2391.6	2766.2	3374.6	4248.8	5292.4
20°	1719.1	1964.8	2169.4	2483.4	2887.6	3277.2	3853.5	5515.3	7280.2	10961.5	13462.7
17.5°	2147.7	2537.8	2823.7	3240.7	3837.8	4812.8	6798.2	10512.7	16350.4	23481.7	30289.0
15°	2482.1	2880.9	3410.9	4040.2	4952.2	6860.4	10486.9	17828.9	28958.9	39825.4	51258.8
12.5°	2764.8	3186.6	3767.4	4619.9	5984.0	9413.8	15934.3	26994.0	41666.2	57842.9	74935.4
10°	2946.7	3458.9	4154.6	5280.4	7547.2	12420.0	20896.9	35717.1	55439.0	76559.4	95557.1
7.5°	2978.7	3603.7	4484.9	5854.4	9098.2	15556.0	26799.5	44233.6	65833.1	89620.8	113547.0
5°	2991.5	3738.5	4764.1	6305.3	10163.7	17824.5	30199.7	49689.9	73673.2	98103.5	123853.7
2.5°	3025.6	3870.9	4969.0	6620.7	10778.4	19177.1	32164.8	53598.2	78900.5	105428.9	134138.9
0°	3096.6	4009.5	5013.3	6674.4	10907.2	19205.8	33298.2	55837.8	82309.7	109112.0	139058.1
-2.5°	3135.1	3991.7	4975.9	6564.7	10741.1	19208.9	32208.9	54279.7	80531.9	106682.3	136859.4
-5°	3069.0	3813.4	4745.7	6233.8	10014.5	17672.7	30045.0	50256.5	74487.2	97999.3	122265.7
-7.5°	2927.1	3562.7	4418.5	5764.0	8887.7	15291.6	26133.7	42730.0	63305.7	83746.1	102651.7
-10°	2761.8	3296.8	3998.7	5081.9	7295.4	12091.0	20448.2	33506.6	51180.1	68727.3	84682.0
-12.5°	2583.4	3000.1	3519.8	4268.9	5646.9	9129.5	15497.1	25505.7	37726.3	50963.6	65455.4
-15°	2430.9	2738.1	3132.0	3770.0	4821.2	6801.3	10402.5	17062.8	25825.9	36203.3	46885.9
-17.5°	2328.5	2556.9	2899.9	3386.6	4032.7	5208.8	7815.2	11764.0	17402.4	25169.2	32224.5
-20°	2254.9	2469.7	2741.9	3125.1	3666.3	4495.5	5770.8	8492.5	12202.7	17236.8	22025.8



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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°	2202.4	2395.7	2625.8	2934.1	3417.4	4065.4	4879.4	6200.4	8537.0	11505.6	14835.0
-25°	2150.8	2311.1	2564.9	2896.4	3228.6	3692.3	4254.9	4903.4	6148.3	7468.1	9511.8
-27.5°	2091.7	2290.0	2573.6	2883.3	3182.6	3412.7	3812.2	4259.5	4918.6	5556.7	6606.6
-30°	2048.8	2302.3	2584.4	2882.1	3112.7	3316.1	3539.5	3881.3	4307.8	4758.8	5241.5
-32.5°	1834.6	2264.6	2554.1	2821.0	3011.8	3200.7	3398.6	3635.8	3908.4	4194.1	4487.3
-35°	1547.7	2005.6	2454.8	2664.0	2857.3	3047.9	3254.3	3446.4	3638.8	3832.0	4016.0
-37.5°	1196.0	1644.8	2069.1	2434.6	2656.6	2850.6	3070.6	3267.8	3436.5	3581.7	3723.4
-40°	1044.8	1201.5	1612.0	1996.7	2319.7	2627.3	2834.6	3053.0	3241.2	3375.1	3495.4
-42.5°	1003.2	1091.5	1182.5	1477.6	1834.2	2150.3	2431.5	2704.8	2963.4	3149.6	3292.7
-45°	967.1	1041.8	1119.7	1206.8	1293.7	1570.9	1863.3	2157.6	2462.0	2734.5	2955.2
-47.5°	900.3	990.8	1067.5	1139.5	1208.6	1287.5	1369.0	1486.2	1753.3	2026.0	2274.5
-50°	817.7	902.5	988.1	1073.3	1137.3	1197.8	1259.7	1329.7	1407.5	1487.0	1553.9
-52.5°	727.8	805.8	884.8	959.9	1031.6	1101.3	1169.3	1231.0	1289.0	1344.9	1377.8
-55°	654.8	717.2	779.4	843.8	909.2	973.0	1036.2	1100.0	1161.4	1220.0	1252.8
-57.5°	569.6	631.8	691.4	740.5	791.2	843.0	897.1	952.1	1005.9	1056.1	1084.3
-60°	477.2	531.1	582.7	630.3	677.3	723.2	767.6	811.2	853.0	889.4	911.6
-62.5°	384.2	428.1	470.9	511.4	550.8	589.5	631.0	670.3	707.3	737.3	755.7
-65°	304.8	338.3	368.1	397.2	426.0	459.1	494.4	527.9	559.2	583.6	599.8
-67.5°	215.8	244.7	272.0	298.0	321.9	345.5	370.6	395.1	418.8	437.0	450.0
-70°	136.0	154.2	172.1	191.3	212.3	233.1	253.8	272.8	290.3	303.3	313.2
-72.5°	74.1	82.9	92.0	105.6	118.7	132.6	146.8	160.3	172.8	181.6	188.2
-75°	35.2	39.1	46.1	52.4	58.0	64.2	70.3	76.0	81.2	83.9	85.5
-77.5°	24.1	26.0	27.8	29.4	30.8	32.6	34.6	36.5	38.5	39.7	40.7
-80°	18.0	18.7	19.5	20.3	21.1	22.0	22.8	23.5	24.2	24.8	25.4
-82.5°	13.0	13.4	13.8	14.2	14.5	15.1	15.6	16.2	16.7	17.1	17.6
-85°	9.1	9.4	9.6	9.8	10.0	10.3	10.6	10.9	11.3	11.3	11.4
-87.5°	6.5	6.8	7.2	7.5	7.9	7.9	8.0	8.0	8.0	8.0	8.1
-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°	5.8	5.8	6.4	6.9	6.4	5.8	5.8	5.8	5.8	5.8	5.8
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	1.7	2.3	1.7	1.2	1.2	1.2	1.2	1.2	1.4
75°	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.3
72.5°	5.6	5.7	5.8	5.8	5.8	5.7	5.6	5.4	5.2	5.1	5.3
70°	7.6	8.0	8.1	8.1	8.1	8.0	7.6	7.2	6.8	6.9	7.8
67.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	8.9	8.7	8.9	9.7
65°	8.2	8.1	7.6	6.9	7.6	8.1	8.2	8.3	8.4	9.0	10.1
62.5°	6.7	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.5	7.3	8.6
60°	5.9	5.9	5.8	5.8	5.8	5.9	5.9	5.9	5.8	6.3	7.1
57.5°	5.8	5.8	6.2	6.9	6.2	5.8	5.8	5.8	5.8	5.9	6.2
55°	6.4	6.7	6.9	6.9	6.9	6.7	6.4	6.0	5.8	6.0	6.0
52.5°	7.3	7.0	6.9	6.9	6.9	7.0	7.3	7.3	7.2	7.0	6.8
50°	8.4	8.2	8.1	8.1	8.1	8.2	8.4	8.7	8.8	8.7	8.3
47.5°	11.1	10.6	10.4	10.4	10.4	10.6	11.1	11.3	11.4	11.1	10.4
45°	18.1	18.2	18.2	18.4	18.2	18.2	18.1	17.7	23.4	23.9	15.6
42.5°	42.7	36.9	31.9	32.2	31.9	36.9	42.7	44.5	64.8	73.7	71.3
40°	109.4	81.9	54.4	46.0	54.4	81.9	109.4	121.4	120.5	153.9	154.3
37.5°	112.6	114.9	135.2	181.9	135.2	114.9	112.6	124.7	122.9	103.1	120.4
35°	157.4	159.8	154.2	150.8	154.2	159.8	157.4	154.2	144.0	120.3	141.1
32.5°	334.7	349.5	347.7	338.4	347.7	349.5	334.7	329.5	303.5	279.8	273.4
30°	720.9	758.5	754.4	762.1	754.4	758.5	720.9	690.1	607.7	574.0	519.7
27.5°	1293.6	1340.2	1348.7	1338.8	1348.7	1340.2	1293.6	1251.1	1143.8	1069.3	913.6
25°	2567.9	2641.6	2614.7	2579.7	2614.7	2641.6	2567.9	2303.7	1910.3	1805.9	1601.5
22.5°	6512.5	6804.1	6774.1	6528.2	6774.1	6804.1	6512.5	5292.4	4248.8	3374.6	2766.2
20°	17892.4	19817.7	20655.6	19520.1	20655.6	19817.7	17892.4	13462.7	10961.5	7280.2	5515.3
17.5°	37871.8	43737.9	47908.8	49649.2	47908.8	43737.9	37871.8	30289.0	23481.7	16350.4	10512.7
15°	61948.6	70778.9	75914.3	75224.4	75914.3	70778.9	61948.6	51258.8	39825.4	28958.9	17828.9
12.5°	89079.1	99545.0	108218.5	108402.4	108218.5	99545.0	89079.1	74935.4	57842.9	41666.2	26994.0
10°	115321.1	129846.9	141685.2	143979.3	141685.2	129846.9	115321.1	95557.1	76559.4	55439.0	35717.1
7.5°	135008.6	157276.4	172136.9	177582.0	172136.9	157276.4	135008.6	113547.0	89620.8	65833.1	44233.6
5°	154464.5	177797.6	192939.5	195625.8	192939.5	177797.6	154464.5	123853.7	98103.5	73673.2	49689.9
2.5°	167587.2	191124.1	204374.5	213565.3	204374.5	191124.1	167587.2	134138.9	105428.9	78900.5	53598.2
0°	175274.0	194451.6	216377.0	226564.1	216377.0	194451.6	175274.0	139058.1	109112.0	82309.7	55837.8
-2.5°	169462.1	191036.5	203589.2	215165.4	203589.2	191036.5	169462.1	136859.4	106682.3	80531.9	54279.7
-5°	150213.9	173677.2	184766.9	186213.9	184766.9	173677.2	150213.9	122265.7	97999.3	74487.2	50256.5
-7.5°	122742.4	144588.6	155235.9	161113.6	155235.9	144588.6	122742.4	102651.7	83746.1	63305.7	42730.0
-10°	99361.2	112110.2	119277.9	119749.8	119277.9	112110.2	99361.2	84682.0	68727.3	51180.1	33506.6
-12.5°	76712.1	85263.7	89502.9	89347.9	89502.9	85263.7	76712.1	65455.4	50963.6	37726.3	25505.7
-15°	56292.6	62936.4	66760.2	68593.7	66760.2	62936.4	56292.6	46885.9	36203.3	25825.9	17062.8
-17.5°	39733.2	45011.1	48842.7	50390.6	48842.7	45011.1	39733.2	32224.5	25169.2	17402.4	11764.0
-20°	27087.4	30704.6	33190.4	34245.6	33190.4	30704.6	27087.4	22025.8	17236.8	12202.7	8492.5



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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°	17842.2	20267.1	21971.5	21880.0	21971.5	20267.1	17842.2	14835.0	11505.6	8537.0	6200.4
-25°	11374.1	12707.4	13582.9	13653.8	13582.9	12707.4	11374.1	9511.8	7468.1	6148.3	4903.4
-27.5°	7528.1	8114.2	8467.5	8528.9	8467.5	8114.2	7528.1	6606.6	5556.7	4918.6	4259.5
-30°	5697.8	5967.5	6169.4	6161.0	6169.4	5967.5	5697.8	5241.5	4758.8	4307.8	3881.3
-32.5°	4736.8	4869.5	4957.9	5029.4	4957.9	4869.5	4736.8	4487.3	4194.1	3908.4	3635.8
-35°	4142.3	4209.9	4259.3	4304.2	4259.3	4209.9	4142.3	4016.0	3832.0	3638.8	3446.4
-37.5°	3804.9	3851.7	3882.7	3893.2	3882.7	3851.7	3804.9	3723.4	3581.7	3436.5	3267.8
-40°	3541.4	3567.8	3583.4	3592.7	3583.4	3567.8	3541.4	3495.4	3375.1	3241.2	3053.0
-42.5°	3343.7	3379.9	3398.6	3398.2	3398.6	3379.9	3343.7	3292.7	3149.6	2963.4	2704.8
-45°	3081.7	3173.0	3228.5	3252.0	3228.5	3173.0	3081.7	2955.2	2734.5	2462.0	2157.6
-47.5°	2478.2	2651.8	2773.6	2837.6	2773.6	2651.8	2478.2	2274.5	2026.0	1753.3	1486.2
-50°	1614.2	1672.3	1696.6	1686.4	1696.6	1672.3	1614.2	1553.9	1487.0	1407.5	1329.7
-52.5°	1402.2	1423.1	1435.7	1441.2	1435.7	1423.1	1402.2	1377.8	1344.9	1289.0	1231.0
-55°	1280.4	1303.6	1318.5	1326.1	1318.5	1303.6	1280.4	1252.8	1220.0	1161.4	1100.0
-57.5°	1107.8	1126.4	1137.8	1143.1	1137.8	1126.4	1107.8	1084.3	1056.1	1005.9	952.1
-60°	930.4	945.8	955.8	961.2	955.8	945.8	930.4	911.6	889.4	853.0	811.2
-62.5°	770.6	781.9	791.9	798.9	791.9	781.9	770.6	755.7	737.3	707.3	670.3
-65°	612.9	623.0	630.2	634.3	630.2	623.0	612.9	599.8	583.6	559.2	527.9
-67.5°	460.7	468.9	475.6	480.0	475.6	468.9	460.7	450.0	437.0	418.8	395.1
-70°	321.2	327.2	333.1	337.3	333.1	327.2	321.2	313.2	303.3	290.3	272.8
-72.5°	193.4	197.2	199.0	199.1	199.0	197.2	193.4	188.2	181.6	172.8	160.3
-75°	86.3	86.5	88.3	89.8	88.3	86.5	86.3	85.5	83.9	81.2	76.0
-77.5°	41.6	42.3	43.1	43.7	43.1	42.3	41.6	40.7	39.7	38.5	36.5
-80°	25.9	26.4	26.5	26.5	26.5	26.4	25.9	25.4	24.8	24.2	23.5
-82.5°	17.9	18.3	18.4	18.4	18.4	18.3	17.9	17.6	17.1	16.7	16.2
-85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.3	11.3	10.9
-87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0
-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°	5.8	5.8	5.8	5.5	5.2	4.9	4.6	4.6	4.6	4.6	4.6
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	1.5	1.7	1.9	2.0	2.1
77.5°	1.6	1.7	1.8	2.0	2.2	2.3	2.5	2.6	2.8	2.9	2.9
75°	2.6	2.7	3.0	3.3	3.5	3.4	3.4	3.3	3.3	3.4	3.4
72.5°	5.4	5.3	5.5	5.8	5.9	6.1	6.1	5.7	5.1	4.2	3.5
70°	8.5	9.0	9.9	11.1	11.9	12.1	11.8	10.9	9.3	8.2	6.5
67.5°	10.6	11.5	13.2	15.3	16.6	17.7	18.5	18.8	17.9	16.1	11.6
65°	11.2	12.3	14.0	15.6	17.6	20.0	23.6	25.4	25.5	24.3	18.8
62.5°	9.9	11.3	12.6	14.2	16.0	18.7	22.8	26.5	30.0	30.9	25.2
60°	8.1	9.3	10.3	11.6	13.4	16.9	21.4	25.8	29.9	30.1	28.2
57.5°	6.6	7.4	8.4	9.4	10.2	13.3	18.2	24.3	29.2	28.3	27.2
55°	5.8	6.4	7.4	8.4	9.4	11.3	14.0	18.5	23.9	25.8	24.8
52.5°	6.8	7.0	7.2	7.7	8.7	10.0	11.6	14.7	17.4	20.0	21.6
50°	8.0	8.0	7.9	8.0	8.7	9.3	10.4	12.1	14.0	16.0	17.6
47.5°	10.3	10.3	9.4	9.1	10.5	10.0	10.5	11.2	13.0	13.6	15.3
45°	17.2	17.0	14.0	14.7	16.0	15.9	13.2	14.3	14.5	14.6	13.8
42.5°	55.9	38.7	29.5	26.6	25.2	25.1	23.5	21.9	20.3	18.1	18.1
40°	107.0	91.2	70.3	47.5	39.6	36.7	37.9	33.1	29.8	25.9	26.9
37.5°	117.1	83.2	96.2	88.8	64.8	60.4	61.8	52.9	41.3	48.3	47.1
35°	126.5	117.8	131.7	130.5	105.1	120.6	106.4	86.0	75.9	86.7	78.1
32.5°	237.8	245.3	232.5	219.4	221.3	219.0	193.9	145.4	146.9	146.1	128.5
30°	465.3	452.9	414.8	393.1	400.2	363.3	315.0	306.2	269.5	221.2	192.9
27.5°	875.5	752.1	689.9	702.3	648.9	573.2	548.9	532.9	435.3	344.9	275.2
25°	1505.6	1305.1	1200.9	1146.8	1020.3	912.4	869.1	809.8	684.2	504.7	383.0
22.5°	2391.6	2168.9	1961.8	1717.9	1548.0	1412.6	1266.0	1124.8	976.1	735.1	546.4
20°	3853.5	3277.2	2887.6	2483.4	2169.4	1964.8	1719.1	1477.7	1272.9	1025.8	734.4
17.5°	6798.2	4812.8	3837.8	3240.7	2823.7	2537.8	2147.7	1791.9	1557.4	1335.4	935.7
15°	10486.9	6860.4	4952.2	4040.2	3410.9	2880.9	2482.1	2072.6	1830.6	1618.6	1178.4
12.5°	15934.3	9413.8	5984.0	4619.9	3767.4	3186.6	2764.8	2365.7	2051.8	1764.8	1351.5
10°	20896.9	12420.0	7547.2	5280.4	4154.6	3458.9	2946.7	2478.4	2112.0	1842.1	1495.7
7.5°	26799.5	15556.0	9098.2	5854.4	4484.9	3603.7	2978.7	2493.7	2147.7	1897.0	1612.2
5°	30199.7	17824.5	10163.7	6305.3	4764.1	3738.5	2991.5	2466.5	2161.9	1932.7	1702.0
2.5°	32164.8	19177.1	10778.4	6620.7	4969.0	3870.9	3025.6	2470.5	2179.3	1956.3	1736.6
0°	33298.2	19205.8	10907.2	6674.4	5013.3	4009.5	3096.6	2511.8	2194.1	1970.8	1748.6
-2.5°	32208.9	19208.9	10741.1	6564.7	4975.9	3991.7	3135.1	2556.5	2229.4	1979.1	1743.9
-5°	30045.0	17672.7	10014.5	6233.8	4745.7	3813.4	3069.0	2539.3	2220.7	1967.1	1719.0
-7.5°	26133.7	15291.6	8887.7	5764.0	4418.5	3562.7	2927.1	2450.7	2137.6	1899.6	1640.7
-10°	20448.2	12091.0	7295.4	5081.9	3998.7	3296.8	2761.8	2337.8	2043.8	1824.6	1547.7
-12.5°	15497.1	9129.5	5646.9	4268.9	3519.8	3000.1	2583.4	2216.2	1940.9	1743.8	1442.9
-15°	10402.5	6801.3	4821.2	3770.0	3132.0	2738.1	2430.9	2139.6	1903.5	1682.1	1328.6
-17.5°	7815.2	5208.8	4032.7	3386.6	2899.9	2556.9	2328.5	2101.2	1883.3	1633.1	1222.7
-20°	5770.8	4495.5	3666.3	3125.1	2741.9	2469.7	2254.9	2067.4	1851.1	1513.1	1094.1



REPORT NUMBER: P1306069 (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°	4879.4	4065.4	3417.4	2934.1	2625.8	2395.7	2202.4	2024.1	1804.6	1354.7	951.9
-25°	4254.9	3692.3	3228.6	2896.4	2564.9	2311.1	2150.8	1965.8	1625.9	1176.6	819.0
-27.5°	3812.2	3412.7	3182.6	2883.3	2573.6	2290.0	2091.7	1874.3	1422.8	1012.5	805.5
-30°	3539.5	3316.1	3112.7	2882.1	2584.4	2302.3	2048.8	1636.7	1215.5	873.0	795.6
-32.5°	3398.6	3200.7	3011.8	2821.0	2554.1	2264.6	1834.6	1382.0	982.5	856.8	778.2
-35°	3254.3	3047.9	2857.3	2664.0	2454.8	2005.6	1547.7	1110.3	915.3	833.1	754.9
-37.5°	3070.6	2850.6	2656.6	2434.6	2069.1	1644.8	1196.0	983.3	887.3	802.4	718.1
-40°	2834.6	2627.3	2319.7	1996.7	1612.0	1201.5	1044.8	949.4	859.4	761.7	673.4
-42.5°	2431.5	2150.3	1834.2	1477.6	1182.5	1091.5	1003.2	917.7	822.5	719.1	626.8
-45°	1863.3	1570.9	1293.7	1206.8	1119.7	1041.8	967.1	871.3	770.1	671.4	578.9
-47.5°	1369.0	1287.5	1208.6	1139.5	1067.5	990.8	900.3	808.2	709.7	617.9	539.7
-50°	1259.7	1197.8	1137.3	1073.3	988.1	902.5	817.7	732.8	646.6	570.1	496.5
-52.5°	1169.3	1101.3	1031.6	959.9	884.8	805.8	727.8	660.7	589.8	517.0	448.8
-55°	1036.2	973.0	909.2	843.8	779.4	717.2	654.8	590.4	524.0	457.6	394.8
-57.5°	897.1	843.0	791.2	740.5	691.4	631.8	569.6	509.5	451.4	391.9	336.9
-60°	767.6	723.2	677.3	630.3	582.7	531.1	477.2	424.4	373.0	329.0	285.4
-62.5°	631.0	589.5	550.8	511.4	470.9	428.1	384.2	345.4	307.9	270.0	228.4
-65°	494.4	459.1	426.0	397.2	368.1	338.3	304.8	270.6	236.9	204.2	167.7
-67.5°	370.6	345.5	321.9	298.0	272.0	244.7	215.8	187.8	163.7	140.2	111.7
-70°	253.8	233.1	212.3	191.3	172.1	154.2	136.0	117.0	97.3	82.0	66.6
-72.5°	146.8	132.6	118.7	105.6	92.0	82.9	74.1	64.2	53.4	41.7	33.1
-75°	70.3	64.2	58.0	52.4	46.1	39.1	35.2	32.5	29.9	27.2	24.5
-77.5°	34.6	32.6	30.8	29.4	27.8	26.0	24.1	22.4	21.2	20.1	19.0
-80°	22.8	22.0	21.1	20.3	19.5	18.7	18.0	17.2	16.5	15.8	15.0
-82.5°	15.6	15.1	14.5	14.2	13.8	13.4	13.0	12.6	12.1	11.6	11.1
-85°	10.6	10.3	10.0	9.8	9.6	9.4	9.1	9.0	8.8	8.6	8.3
-87.5°	8.0	7.9	7.9	7.5	7.2	6.8	6.5	6.4	6.4	6.3	6.2
-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°	4.6	4.6	4.6	4.6	4.3	4.1	3.8	3.5	3.5	3.5	3.5
87.5°	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3	2.3	2.3
85°	1.3	1.4	1.4	1.4	1.5	1.8	2.0	2.3	2.3	2.3	2.3
82.5°	1.5	1.7	1.9	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.3
80°	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.5	2.5	2.5
77.5°	2.6	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.8	2.8
75°	3.1	2.7	2.4	2.3	2.4	2.3	2.3	2.4	2.7	3.0	3.1
72.5°	3.4	3.1	2.7	2.4	2.6	2.6	2.5	2.4	2.7	3.0	3.3
70°	5.0	3.8	3.3	3.0	3.0	3.0	3.0	2.8	2.8	3.0	3.3
67.5°	7.6	5.8	4.4	3.6	3.3	3.3	3.4	3.2	3.0	3.1	3.4
65°	13.5	9.1	5.7	4.5	3.8	3.5	3.5	3.5	3.3	3.2	3.4
62.5°	19.3	13.5	9.2	6.0	4.3	3.7	3.5	3.6	3.5	3.4	3.4
60°	25.1	18.8	13.1	9.2	5.8	3.8	3.6	3.8	3.7	3.5	3.5
57.5°	25.3	23.3	18.4	12.9	8.6	5.1	3.8	4.0	4.0	3.7	3.5
55°	24.2	23.0	22.0	17.5	11.8	7.4	4.7	4.3	4.2	4.0	3.6
52.5°	21.5	22.6	22.8	20.9	15.8	10.0	6.8	4.6	4.6	4.3	3.8
50°	18.6	21.7	23.4	22.5	19.3	13.8	8.7	6.1	4.9	4.6	4.2
47.5°	17.4	21.0	23.5	24.0	21.4	17.5	11.7	7.6	5.3	5.0	4.5
45°	17.6	20.5	23.7	24.9	23.8	20.0	14.9	9.0	6.5	5.4	4.8
42.5°	19.0	21.6	23.7	26.3	25.4	22.2	18.0	11.6	7.6	5.7	5.1
40°	25.8	24.1	24.6	27.5	27.2	24.2	20.1	14.3	8.6	6.2	5.4
37.5°	35.0	30.6	27.8	31.4	30.0	26.4	21.9	16.9	9.9	7.0	5.7
35°	59.7	41.1	40.8	41.0	35.7	28.8	23.6	19.0	12.2	7.7	6.0
32.5°	91.0	70.8	69.0	57.4	43.5	31.7	25.7	20.9	14.5	8.3	6.3
30°	151.7	136.3	107.9	78.7	55.6	39.1	28.7	22.8	16.9	8.9	6.6
27.5°	251.4	217.1	160.7	114.6	76.1	48.6	32.9	24.9	19.2	9.9	7.0
25°	354.4	310.6	239.0	160.6	99.8	67.9	37.7	27.0	21.1	11.7	7.5
22.5°	454.1	408.0	327.5	213.0	134.4	92.6	48.2	30.8	22.7	13.5	7.8
20°	551.3	507.6	418.0	260.6	175.1	123.0	66.3	34.8	24.3	15.2	8.1
17.5°	658.5	584.3	468.8	316.5	215.4	153.5	87.1	39.1	25.9	16.7	8.4
15°	790.3	629.7	517.8	366.2	251.3	184.0	110.1	43.4	27.5	18.2	8.8
12.5°	908.2	671.6	566.1	409.8	283.1	214.2	134.3	47.8	29.0	19.9	9.3
10°	1019.0	710.2	612.7	447.3	311.2	243.6	159.2	52.7	31.3	21.8	9.8
7.5°	1120.1	745.4	656.5	479.2	334.1	263.9	174.5	58.7	33.8	23.5	10.2
5°	1202.7	773.5	687.0	500.8	345.4	273.6	185.6	64.5	36.1	25.1	10.7
2.5°	1241.5	792.8	705.8	517.0	355.0	281.2	193.8	69.9	38.3	26.4	11.1
0°	1261.7	809.3	718.3	528.4	362.6	286.6	199.1	74.8	40.3	27.6	11.5
-2.5°	1264.6	812.9	721.5	540.0	374.7	294.5	206.2	88.1	50.6	33.9	15.1
-5°	1248.7	813.4	719.2	546.5	384.4	300.1	210.9	100.6	60.5	39.9	18.5
-7.5°	1194.5	801.1	706.8	547.0	391.3	303.6	213.6	112.0	69.8	45.4	21.8
-10°	1118.1	779.6	683.1	537.8	397.9	308.5	215.9	122.3	78.3	50.2	24.7
-12.5°	1024.6	755.5	658.7	526.5	402.7	315.2	223.2	132.7	85.9	54.3	27.2
-15°	914.7	728.7	635.0	514.2	405.6	320.6	228.2	142.0	92.8	58.0	29.2
-17.5°	794.0	699.6	613.5	501.8	406.6	325.0	231.2	149.0	98.6	61.2	31.1
-20°	767.2	682.3	594.5	490.0	405.9	328.5	232.1	153.7	103.1	63.3	32.7



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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°	756.9	674.6	582.2	484.6	404.9	331.3	231.0	155.8	106.3	64.4	33.7
-25°	746.3	665.1	568.4	477.1	404.7	327.4	230.3	155.1	108.1	64.2	33.8
-27.5°	733.8	652.0	551.1	465.1	396.5	321.3	228.8	156.6	108.2	62.7	33.2
-30°	719.7	629.6	533.6	450.1	385.3	304.9	223.7	156.3	106.2	61.3	31.7
-32.5°	699.6	603.7	511.9	435.5	366.9	287.1	212.1	154.1	102.5	59.5	30.6
-35°	665.5	573.9	485.6	417.3	345.4	270.2	199.8	149.8	97.0	56.4	29.3
-37.5°	627.7	540.1	462.5	394.7	323.0	251.7	190.4	140.3	89.7	52.1	27.3
-40°	588.0	507.1	437.0	369.3	300.6	231.6	178.9	128.4	82.9	46.6	24.6
-42.5°	545.9	476.1	408.8	343.2	277.1	216.7	165.3	114.8	74.2	41.8	21.2
-45°	508.8	442.4	378.3	315.0	253.0	199.6	148.2	100.0	64.0	37.1	18.4
-47.5°	468.9	406.9	345.1	284.3	231.3	179.7	129.1	87.1	52.7	31.4	17.2
-50°	428.3	368.5	309.2	255.5	206.5	156.1	109.3	72.6	44.9	24.6	15.7
-52.5°	385.2	326.7	274.2	225.9	177.4	130.4	91.1	57.5	36.3	21.0	14.0
-55°	336.5	286.3	239.4	191.8	145.5	106.5	71.4	46.9	27.1	18.6	12.3
-57.5°	290.4	245.8	199.1	154.0	115.4	81.8	55.5	35.5	22.7	16.2	11.7
-60°	242.4	197.9	154.8	118.6	85.9	60.4	41.6	26.2	19.6	13.9	10.9
-62.5°	187.5	148.4	114.8	83.7	61.1	43.5	28.9	22.4	16.4	13.0	10.2
-65°	135.0	103.7	75.3	57.8	41.3	29.1	24.2	18.5	14.7	11.9	9.4
-67.5°	84.0	66.3	49.9	34.8	28.2	23.9	19.4	16.2	13.5	10.9	8.9
-70°	51.2	36.8	30.1	26.4	22.5	18.9	16.9	14.6	12.1	10.1	8.3
-72.5°	29.8	26.6	23.4	20.3	18.4	16.6	14.9	13.1	11.1	9.3	7.7
-75°	21.8	20.2	18.7	17.2	15.6	14.2	13.1	11.8	10.1	8.5	7.0
-77.5°	17.8	16.6	15.4	14.3	13.2	12.3	11.5	10.5	9.0	7.6	6.3
-80°	14.1	13.3	12.5	11.7	11.0	10.4	9.8	9.2	7.9	6.7	5.6
-82.5°	10.5	10.1	9.8	9.4	9.0	8.6	8.2	7.8	6.7	5.8	5.0
-85°	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	5.6	5.0	4.5
-87.5°	6.2	6.1	6.0	5.9	5.7	5.5	5.2	4.9	4.6	4.3	4.0
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3	2.3	2.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.5	3.5	3.5	3.5	3.5	2.9	2.3
87.5°	2.3	2.4	2.4	2.4	2.4	2.4	2.3
85°	2.3	2.4	2.5	2.5	2.5	2.4	2.3
82.5°	2.3	2.5	2.6	2.7	2.6	2.5	2.3
80°	2.4	2.6	2.7	2.8	2.7	2.5	2.3
77.5°	2.7	2.7	2.8	2.9	2.8	2.6	2.3
75°	3.0	2.9	3.0	3.0	2.9	2.6	2.3
72.5°	3.3	3.1	3.1	3.1	3.0	2.7	2.3
70°	3.5	3.3	3.2	3.3	3.1	2.7	2.3
67.5°	3.5	3.4	3.3	3.3	3.2	2.8	2.3
65°	3.5	3.5	3.3	3.3	3.3	2.8	2.3
62.5°	3.5	3.5	3.4	3.4	3.4	2.9	2.3
60°	3.5	3.5	3.5	3.4	3.5	2.9	2.3
57.5°	3.5	3.5	3.5	3.4	3.5	2.9	2.3
55°	3.6	3.5	3.5	3.5	3.5	3.0	2.3
52.5°	3.7	3.5	3.5	3.5	3.5	3.0	2.3
50°	3.8	3.6	3.5	3.5	3.5	3.1	2.3
47.5°	4.0	3.7	3.5	3.5	3.5	3.1	2.3
45°	4.2	3.8	3.5	3.5	3.5	3.1	2.3
42.5°	4.5	4.0	3.5	3.5	3.5	3.2	2.3
40°	4.7	4.1	3.6	3.5	3.5	3.2	2.3
37.5°	5.0	4.3	3.7	3.5	3.5	3.3	2.3
35°	5.2	4.5	3.8	3.5	3.5	3.3	2.3
32.5°	5.5	4.6	3.9	3.5	3.5	3.3	2.3
30°	5.7	4.8	4.0	3.5	3.5	3.3	2.3
27.5°	5.9	5.0	4.1	3.5	3.5	3.4	2.3
25°	6.1	5.2	4.2	3.5	3.5	3.4	2.3
22.5°	6.3	5.3	4.3	3.5	3.5	3.4	2.3
20°	6.5	5.4	4.3	3.5	3.5	3.4	2.3
17.5°	6.7	5.5	4.4	3.5	3.5	3.4	2.3
15°	6.9	5.6	4.4	3.5	3.5	3.5	2.3
12.5°	7.1	5.7	4.5	3.5	3.5	3.5	2.3
10°	7.3	5.7	4.5	3.5	3.5	3.5	2.3
7.5°	7.5	5.7	4.6	3.5	3.5	3.5	2.3
5°	7.7	5.8	4.6	3.5	3.5	3.5	2.3
2.5°	7.9	5.8	4.6	3.5	3.5	3.5	2.3
0°	8.1	5.8	4.6	3.5	3.5	3.5	2.3
-2.5°	9.5	6.3	4.8	3.7	3.5	3.5	2.3
-5°	10.8	6.8	5.0	3.8	3.6	3.5	2.3
-7.5°	12.0	7.2	5.2	3.9	3.6	3.5	2.3
-10°	13.1	7.7	5.3	4.1	3.7	3.5	2.3
-12.5°	14.1	8.0	5.5	4.2	3.7	3.5	2.3
-15°	14.8	8.4	5.7	4.3	3.8	3.5	2.3
-17.5°	15.4	8.6	5.8	4.5	3.8	3.5	2.3
-20°	16.0	8.8	5.9	4.6	3.8	3.4	2.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.5	8.9	6.0	4.7	3.9	3.4	2.3
-25°	16.7	9.0	6.1	4.7	3.9	3.4	2.3
-27.5°	16.5	9.1	6.2	4.8	3.9	3.4	2.3
-30°	15.8	9.0	6.3	4.9	3.9	3.4	2.3
-32.5°	14.7	8.9	6.4	4.9	3.9	3.4	2.3
-35°	14.1	8.6	6.4	4.9	3.9	3.3	2.3
-37.5°	13.8	8.4	6.4	4.9	3.9	3.3	2.3
-40°	13.2	8.4	6.4	4.9	3.9	3.3	2.3
-42.5°	12.6	8.3	6.3	4.9	3.9	3.3	2.3
-45°	11.7	8.2	6.3	4.8	3.8	3.3	2.3
-47.5°	10.7	8.0	6.2	4.8	3.8	3.3	2.3
-50°	10.3	7.8	6.1	4.7	3.7	3.2	2.3
-52.5°	9.9	7.6	5.9	4.6	3.7	3.2	2.3
-55°	9.5	7.3	5.8	4.5	3.6	3.2	2.3
-57.5°	9.0	7.1	5.6	4.4	3.6	3.2	2.3
-60°	8.5	6.8	5.4	4.3	3.5	3.2	2.3
-62.5°	8.1	6.6	5.2	4.2	3.5	3.1	2.3
-65°	7.7	6.3	5.0	4.0	3.5	3.1	2.3
-67.5°	7.2	5.9	4.8	3.9	3.5	3.1	2.3
-70°	6.8	5.6	4.6	3.8	3.5	3.1	2.3
-72.5°	6.3	5.2	4.3	3.7	3.5	3.1	2.3
-75°	5.7	4.8	4.1	3.7	3.5	3.0	2.3
-77.5°	5.2	4.4	4.0	3.7	3.5	3.0	2.3
-80°	4.6	4.2	3.9	3.6	3.5	3.0	2.3
-82.5°	4.3	4.0	3.8	3.6	3.5	3.0	2.3
-85°	4.1	3.9	3.7	3.6	3.5	3.0	2.3
-87.5°	3.8	3.7	3.6	3.5	3.5	2.9	2.3
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)