

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: P1305586 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-80-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

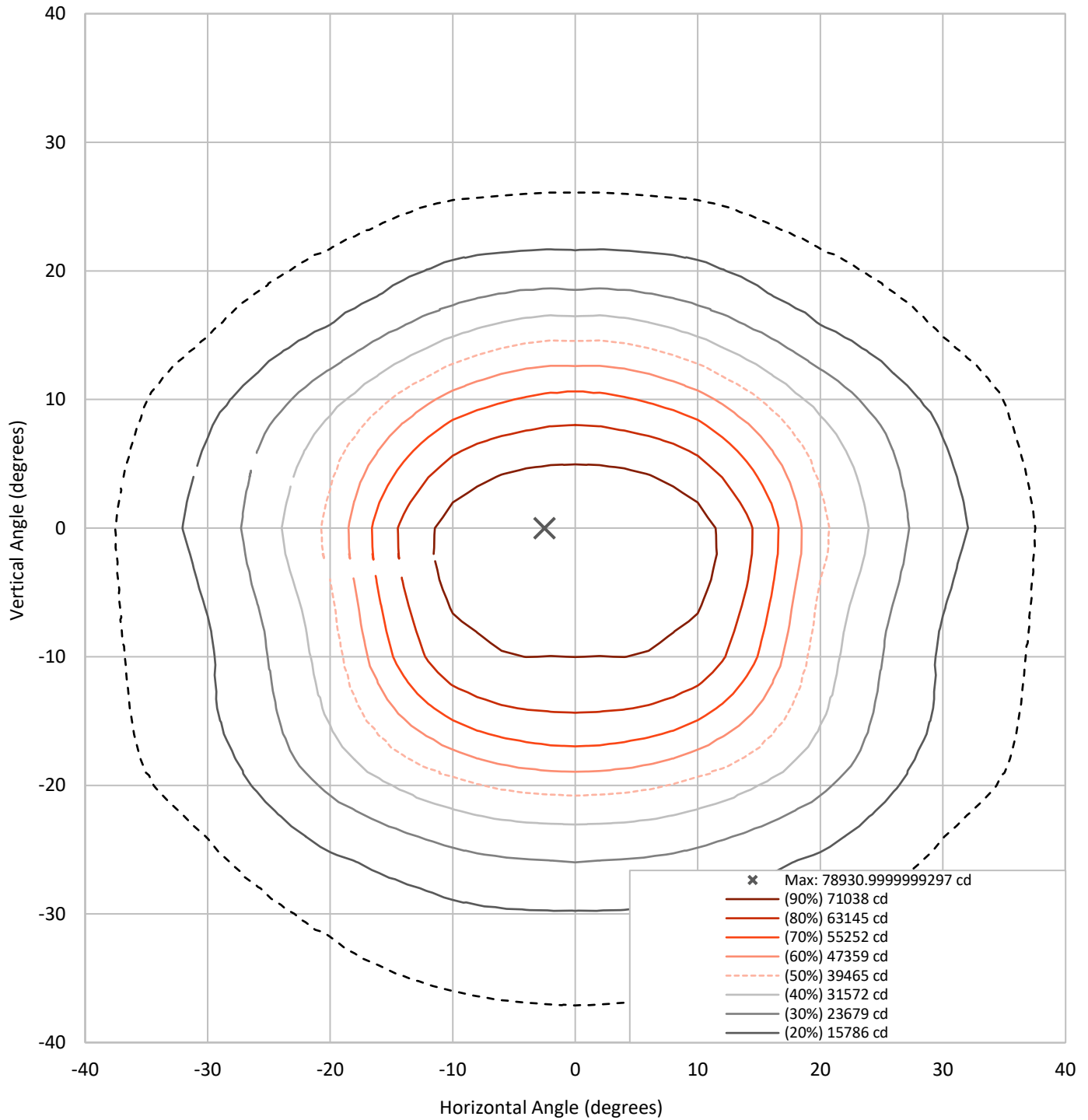
Test Method: LM-79-08  
Report Number: P1305586 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320L-57-80-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 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:	38954.7 lumens	Max Intensity:	78931 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	116.6 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:	21425.8 lumens	Field Lumens:	35686.9 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot



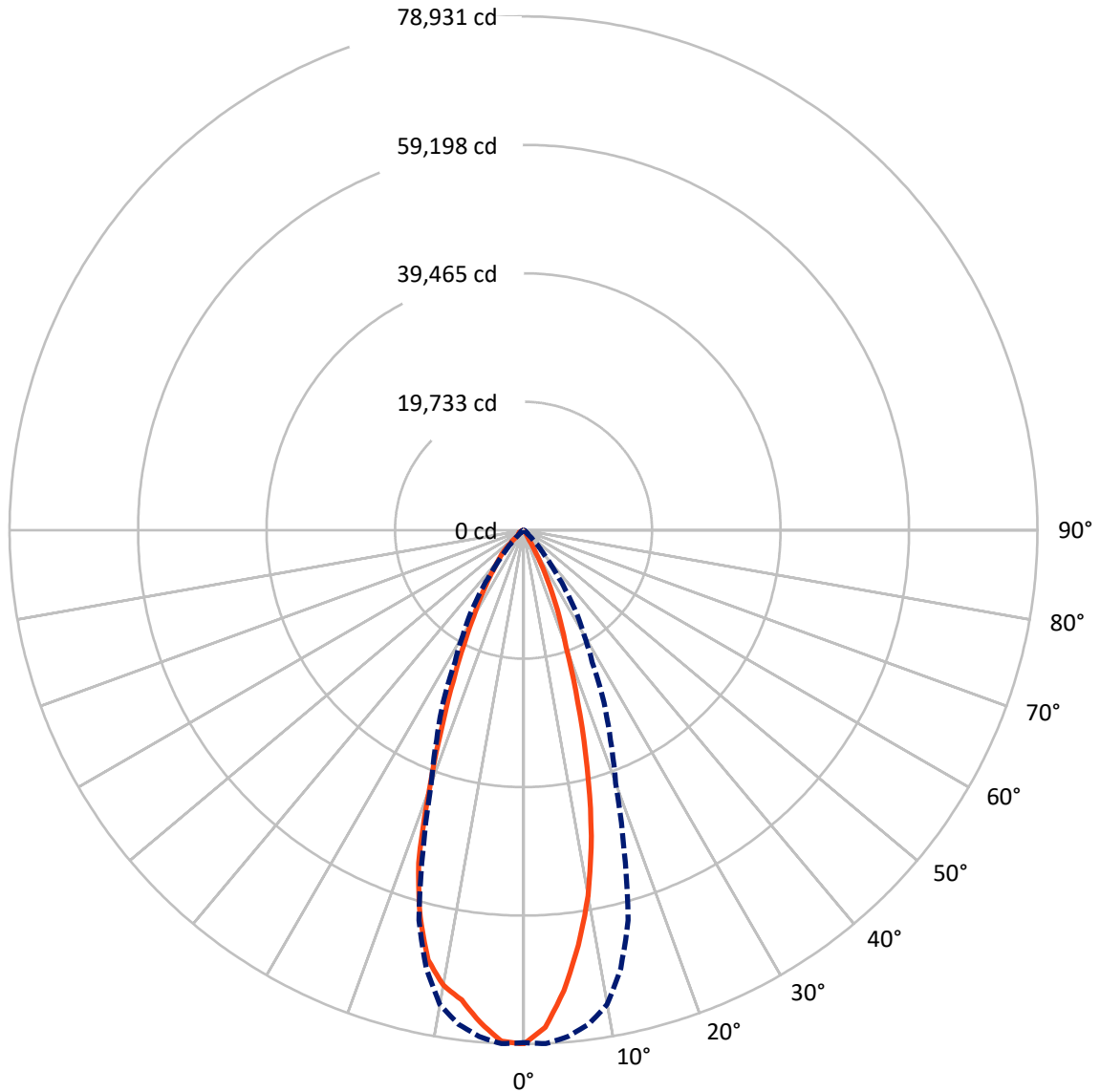
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### Lumen Table

90	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.1								
70	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1		
60		0.1	0.1	0.4	0.5	0.2	0.3	0.3	0.3	0.3	0.2	0.5	0.4	0.1	0.1			
50	0.1	0.1	0.2	0.4	0.5	0.6	1.0	1.2	1.2	1.0	0.6	0.5	0.4	0.2	0.1	0.1		
40		0.1	0.5	1.2	3.2	8.8	15.2	19.3	19.3	15.2	8.8	3.2	1.2	0.5	0.1			
30	0.1	0.2	1.7	5.9	34.6	99.4	202.1	291.8	291.8	202.1	99.4	34.6	5.9	1.7	0.2	0.1		
20		0.5	3.7	19.4	123.0	360.6	739.0	1091.7	1091.7	739.0	360.6	123.0	19.4	3.7	0.5			
10	0.2	0.8	6.3	42.2	253.1	722.9	1513.6	2065.8	2065.8	1513.6	722.9	253.1	42.2	6.3	0.8	0.2		
0		1.4	8.5	51.0	265.0	740.3	1698.7	2264.1	2264.1	1698.7	740.3	265.0	51.0	8.5	1.4			
-10	0.2	1.7	8.8	41.0	225.0	609.5	1283.5	1767.5	1767.5	1283.5	609.5	225.0	41.0	8.8	1.7	0.2		
-20		1.5	7.2	19.2	112.8	326.1	599.7	787.5	787.5	599.7	326.1	112.8	19.2	7.2	1.5			
-30	0.2	1.1	5.0	11.2	33.0	122.9	226.1	295.0	295.0	226.1	122.9	33.0	11.2	5.0	1.1	0.2		
-40		0.7	3.0	7.9	14.5	27.3	61.5	92.7	92.7	61.5	27.3	14.5	7.9	3.0	0.7			
-50	0.1	0.3	1.5	4.4	9.3	15.3	21.0	24.3	24.3	21.0	15.3	9.3	4.4	1.5	0.3	0.1		
-60		0.1	0.6	1.7	3.8	6.8	10.2	12.2	12.2	10.2	6.8	3.8	1.7	0.6	0.1			
-70	0.1	0.3	1.5	4.4	9.3	15.3	21.0	24.3	24.3	21.0	15.3	9.3	4.4	1.5	0.3	0.1		
-80		0.1	0.6	1.7	3.8	6.8	10.2	12.2	12.2	10.2	6.8	3.8	1.7	0.6	0.1			
-90	0.1	0.4	1.4	3.7	5.1	3.7	1.4	0.4	0.1									

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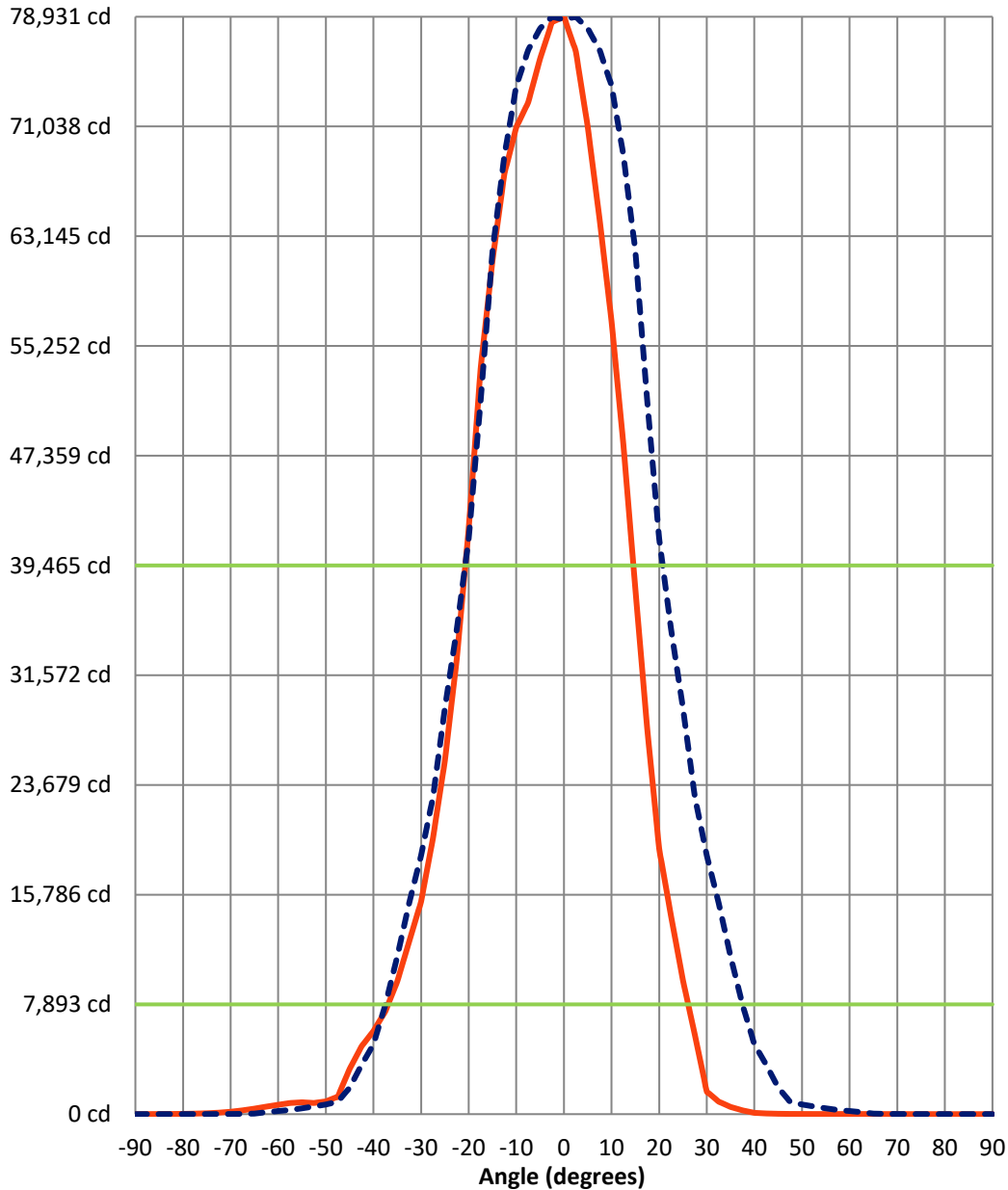
### Luminous Intensity Polar Plot



— 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: 21425.8  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 35686.9  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 3267.8  
 Efficiency: 8.4%

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

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
80°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
77.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.6
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.9	4.9	4.7
70°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	5.0	5.1	5.1	5.1
67.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.9	5.3	5.4	5.3	5.5
65°	4.6	4.6	4.6	4.6	4.6	4.7	5.2	5.6	5.5	5.6	5.8
62.5°	4.6	4.6	4.6	4.6	4.6	5.0	5.5	5.7	5.7	5.8	5.8
60°	4.6	4.6	4.6	4.6	4.6	5.2	5.8	5.8	5.8	5.8	5.8
57.5°	4.6	4.6	4.6	4.6	4.8	5.4	5.8	5.8	5.8	5.8	5.8
55°	4.6	4.6	4.6	4.6	4.9	5.6	5.8	5.8	5.8	5.8	5.8
52.5°	4.6	4.6	4.6	4.6	5.1	5.8	5.8	5.8	5.8	5.8	5.8
50°	4.6	4.6	4.6	4.6	5.3	5.8	5.8	5.8	5.8	5.8	6.1
47.5°	4.6	4.6	4.6	4.6	5.4	5.8	5.8	5.8	5.8	5.8	6.5
45°	4.6	4.6	4.6	4.7	5.6	5.8	5.8	5.8	5.8	6.1	6.9
42.5°	4.6	4.6	4.6	4.9	5.7	5.8	5.8	5.8	5.9	6.4	7.2
40°	4.6	4.6	4.6	4.9	5.8	5.8	5.8	5.9	6.1	6.7	7.6
37.5°	4.6	4.6	4.6	5.0	5.8	5.8	5.8	6.0	6.4	7.1	7.9
35°	4.6	4.6	4.6	5.1	5.8	5.8	5.8	6.2	6.7	7.5	8.2
32.5°	4.6	4.6	4.6	5.1	5.8	5.8	5.8	6.3	7.0	8.0	8.8
30°	4.6	4.6	4.6	5.1	5.8	5.8	5.9	6.5	7.3	8.5	9.4
27.5°	4.6	4.6	4.6	5.2	5.8	5.8	6.1	6.8	7.7	9.0	10.2
25°	4.6	4.6	4.6	5.1	5.7	5.8	6.2	7.0	8.1	9.5	11.0
22.5°	4.6	4.6	4.6	5.1	5.7	5.8	6.3	7.2	8.5	10.2	13.0
20°	4.6	4.6	4.6	5.1	5.7	5.8	6.5	7.4	8.9	10.9	15.0
17.5°	4.6	4.6	4.6	5.1	5.7	5.8	6.6	7.7	9.3	11.6	17.0
15°	4.6	4.6	4.6	5.0	5.7	5.8	6.7	7.8	9.7	12.3	19.0
12.5°	4.6	4.6	4.6	5.0	5.7	5.8	6.7	7.9	10.0	13.0	21.0
10°	4.6	4.6	4.6	4.9	5.8	5.8	6.8	8.0	10.4	14.0	23.6
7.5°	4.6	4.6	4.6	4.8	5.8	5.8	6.8	8.0	10.7	15.2	27.8
5°	4.6	4.6	4.6	4.8	5.8	5.8	6.9	8.1	11.0	16.3	32.1
2.5°	4.6	4.6	4.6	4.7	5.8	5.8	6.9	8.1	11.3	17.4	36.4
0°	4.6	4.6	4.6	4.6	5.8	5.8	6.9	8.1	11.5	18.4	40.3
-2.5°	4.6	4.6	4.6	4.7	5.8	6.1	7.4	9.2	14.6	25.2	52.1
-5°	4.6	4.6	4.6	4.8	5.8	6.3	7.8	10.2	17.6	31.7	63.1
-7.5°	4.6	4.6	4.6	4.8	5.8	6.5	8.2	11.2	20.3	37.7	73.1
-10°	4.6	4.6	4.6	4.9	5.8	6.7	8.6	12.1	22.6	43.0	81.9
-12.5°	4.6	4.6	4.6	5.0	5.7	6.9	8.9	12.8	24.6	47.4	87.9
-15°	4.6	4.6	4.6	5.0	5.7	7.0	9.2	13.5	26.4	51.2	92.1
-17.5°	4.6	4.6	4.6	5.1	5.7	7.1	9.5	14.4	28.3	54.0	94.9
-20°	4.6	4.6	4.6	5.1	5.7	7.2	9.8	15.4	29.5	55.7	96.2



REPORT NUMBER: P1305586 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-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°	4.6	4.6	4.6	5.1	5.7	7.2	10.1	16.1	29.9	56.2	95.9
-25°	4.6	4.6	4.6	5.1	5.7	7.1	10.3	16.5	29.6	55.4	93.9
-27.5°	4.6	4.6	4.6	5.2	5.8	7.1	10.3	16.6	28.4	54.0	92.8
-30°	4.6	4.6	4.6	5.1	5.8	6.9	10.2	16.2	27.8	52.7	90.1
-32.5°	4.6	4.6	4.6	5.1	5.9	6.8	9.8	16.0	27.4	50.1	85.6
-35°	4.6	4.6	4.6	5.1	5.9	6.6	9.5	15.5	26.5	46.4	79.2
-37.5°	4.6	4.6	4.6	5.0	5.9	6.4	9.2	14.8	24.9	41.4	69.9
-40°	4.6	4.6	4.6	4.9	6.0	6.4	8.8	13.8	22.8	38.1	61.2
-42.5°	4.6	4.6	4.6	4.9	5.9	6.5	8.4	12.4	20.9	34.2	52.1
-45°	4.6	4.6	4.6	4.8	5.8	6.5	7.9	11.2	19.0	29.9	43.2
-47.5°	4.6	4.6	4.6	4.7	5.7	6.5	7.3	10.5	16.7	25.2	38.0
-50°	4.6	4.6	4.6	4.7	5.6	6.4	7.2	9.7	13.8	21.9	32.4
-52.5°	4.6	4.6	4.6	4.7	5.5	6.4	7.1	8.8	12.0	18.3	26.7
-55°	4.6	4.6	4.6	4.7	5.3	6.2	7.0	7.9	10.8	14.5	22.3
-57.5°	4.6	4.6	4.6	4.8	5.2	6.0	6.8	7.7	9.5	12.4	17.6
-60°	4.6	4.6	4.6	4.8	5.0	5.9	6.7	7.5	8.3	10.8	13.7
-62.5°	4.6	4.6	4.6	4.8	5.1	5.7	6.4	7.2	8.0	9.0	11.7
-65°	4.6	4.6	4.6	4.8	5.1	5.5	6.2	6.9	7.7	8.4	9.6
-67.5°	4.6	4.6	4.6	4.8	5.1	5.4	6.0	6.7	7.3	8.0	8.7
-70°	4.6	4.6	4.6	4.8	5.1	5.4	5.7	6.4	7.0	7.7	8.3
-72.5°	4.6	4.6	4.6	4.8	5.1	5.4	5.7	6.1	6.7	7.3	7.9
-75°	4.6	4.6	4.6	4.8	5.2	5.5	5.7	6.0	6.3	6.9	7.4
-77.5°	4.6	4.6	4.6	4.8	5.1	5.5	5.8	5.9	6.2	6.5	7.0
-80°	4.6	4.6	4.6	4.7	5.0	5.4	5.8	5.8	6.0	6.2	6.5
-82.5°	4.6	4.6	4.6	4.7	4.9	5.2	5.5	5.7	5.8	5.9	6.1
-85°	4.6	4.6	4.6	4.7	4.8	5.0	5.2	5.3	5.4	5.5	5.6
-87.5°	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.6	4.6	4.6	4.6	4.3	4.1	3.8	3.5	3.5	3.5	3.5
87.5°	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.2	2.9	2.6
85°	4.6	4.6	4.6	4.6	4.3	4.1	3.8	3.5	3.3	3.2	3.1
82.5°	4.6	4.6	4.6	4.6	4.4	4.1	3.8	3.5	3.5	3.5	3.5
80°	4.6	4.6	4.6	4.6	4.4	4.1	3.8	3.5	3.5	3.5	3.6
77.5°	4.6	4.6	4.6	4.6	4.4	4.2	4.1	4.1	4.1	4.0	3.8
75°	4.6	4.6	4.7	4.6	4.5	4.5	4.6	4.6	4.4	4.2	3.9
72.5°	4.8	4.9	4.9	4.7	4.6	4.6	4.6	4.6	4.7	4.8	4.7
70°	5.3	5.3	5.1	4.8	4.6	4.7	5.2	5.9	6.4	6.3	6.3
67.5°	5.7	5.4	5.1	4.9	5.1	5.6	6.4	7.3	8.1	8.1	8.4
65°	5.8	5.5	5.3	5.5	5.8	6.7	7.8	8.8	11.2	12.8	13.5
62.5°	5.8	5.6	5.7	6.1	7.0	8.1	9.6	12.4	16.3	18.3	17.7
60°	5.8	5.8	6.2	7.0	8.0	9.1	11.6	15.4	20.5	24.1	22.0
57.5°	5.8	6.1	6.9	7.8	8.6	9.5	12.9	17.7	23.6	30.0	26.0
55°	6.0	6.6	7.4	8.3	9.1	9.9	13.5	18.9	25.6	29.4	25.6
52.5°	6.4	7.0	7.9	8.7	9.6	10.5	13.1	18.4	22.3	25.4	23.5
50°	6.8	7.5	8.3	9.2	10.2	11.2	11.6	15.9	19.1	20.5	20.3
47.5°	7.2	8.0	8.7	9.7	11.0	11.8	11.8	14.0	16.3	17.8	16.5
45°	7.6	8.4	9.1	10.6	12.0	12.7	13.4	12.9	16.6	17.6	16.9
42.5°	8.1	8.8	10.2	11.5	13.3	15.2	16.2	17.5	19.4	21.1	20.7
40°	8.4	9.2	11.6	14.3	15.5	19.0	22.5	24.5	25.3	26.9	26.9
37.5°	8.8	10.7	14.2	20.0	20.0	25.3	30.1	35.0	36.5	33.8	38.3
35°	9.1	12.3	21.6	28.4	29.6	33.5	41.6	49.0	53.5	50.9	55.1
32.5°	10.1	14.1	31.1	38.3	45.4	49.0	54.8	70.8	86.3	90.9	82.8
30°	12.0	22.8	41.9	49.1	65.9	77.0	80.4	102.1	134.3	162.6	218.3
27.5°	14.2	33.5	52.1	67.3	91.5	111.4	120.1	155.5	210.7	285.2	445.5
25°	16.7	44.7	62.8	90.4	125.0	148.2	162.4	212.3	304.9	542.8	842.4
22.5°	22.5	56.1	76.4	116.2	162.9	183.0	213.1	281.0	436.5	831.9	1328.8
20°	31.6	66.9	95.7	141.7	203.4	216.2	259.7	346.9	616.6	1215.5	1812.5
17.5°	40.6	79.0	116.9	171.7	234.6	260.3	305.0	406.9	767.7	1696.2	2440.4
15°	49.3	92.2	136.9	202.2	271.1	321.9	390.3	542.1	1056.4	2265.4	3271.7
12.5°	57.6	106.1	155.6	232.5	313.2	387.1	488.1	762.4	1571.5	2930.3	4432.3
10°	65.3	120.2	172.9	262.2	359.4	454.7	589.3	1003.5	2092.0	3509.1	5351.3
7.5°	83.1	141.8	192.3	290.5	407.8	523.1	691.6	1254.3	2561.9	3998.8	6119.2
5°	102.9	170.8	229.4	334.9	458.7	587.5	785.2	1502.7	2973.8	4402.2	6810.9
2.5°	122.3	198.9	265.6	379.0	507.6	643.5	843.2	1719.3	3296.9	4743.5	7407.8
0°	140.3	225.5	300.2	419.8	552.1	694.8	892.6	1908.3	3542.8	5019.7	7878.1
-2.5°	162.4	253.9	338.6	458.7	567.1	696.3	893.4	1838.5	3596.3	5280.8	7701.7
-5°	181.5	279.8	374.2	494.0	580.4	694.2	886.2	1731.8	3566.8	5420.7	7559.4
-7.5°	196.9	302.8	406.4	522.2	592.7	701.3	903.5	1755.4	3517.6	5420.6	7470.2
-10°	205.8	309.4	406.6	520.6	600.7	710.4	915.3	1713.8	3367.7	5308.4	7288.9
-12.5°	197.9	301.3	398.2	513.8	605.7	712.2	911.4	1596.5	3115.0	5079.6	7062.5
-15°	188.4	291.5	386.3	501.3	607.6	706.0	890.2	1395.4	2700.8	4586.7	6789.4
-17.5°	177.9	280.3	370.7	482.6	606.0	691.1	838.4	1077.3	2164.8	3898.2	6162.9
-20°	166.8	267.9	351.3	457.4	597.7	656.8	759.7	955.7	1708.0	3126.3	5177.7



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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°	155.3	254.5	331.2	432.5	549.4	615.5	686.2	827.3	1207.6	2258.6	3904.1
-25°	148.8	237.6	313.6	399.7	499.9	577.0	612.2	701.1	891.5	1658.0	2850.2
-27.5°	145.8	221.4	291.9	365.9	454.7	536.6	562.5	619.9	762.2	1069.6	1925.5
-30°	140.7	199.5	268.1	333.5	415.1	488.1	526.0	562.4	653.2	819.4	1293.5
-32.5°	129.5	177.2	242.4	305.7	376.1	446.9	503.9	538.8	595.9	682.7	840.0
-35°	115.8	160.8	216.3	275.5	337.6	408.6	473.0	524.1	551.7	611.5	716.8
-37.5°	103.3	143.0	190.1	245.1	302.9	368.8	439.5	495.3	535.9	564.5	640.0
-40°	90.0	123.8	167.8	216.6	268.6	328.8	393.9	458.8	510.2	553.0	586.5
-42.5°	76.6	108.4	145.5	188.5	237.8	290.5	346.4	410.0	474.0	529.6	571.9
-45°	66.0	92.4	122.9	164.1	207.5	253.6	304.3	356.9	425.5	488.6	541.2
-47.5°	55.1	77.0	105.0	139.2	179.1	220.1	262.8	315.4	372.4	434.7	494.8
-50°	45.1	64.7	87.2	118.0	152.1	188.3	226.3	274.4	326.9	380.0	435.0
-52.5°	38.5	52.0	72.8	97.0	127.1	159.4	194.5	235.6	282.1	330.6	379.3
-55°	31.6	43.3	58.7	79.1	102.7	131.7	164.6	200.3	236.9	281.1	324.8
-57.5°	25.5	35.4	47.6	62.8	82.3	104.0	134.5	166.3	199.9	234.1	270.5
-60°	19.8	28.0	38.4	50.1	63.5	82.7	104.6	132.0	161.8	191.8	222.5
-62.5°	14.5	21.2	29.6	39.3	50.5	62.5	80.1	100.8	123.2	148.2	173.8
-65°	12.2	15.1	21.1	29.2	38.2	48.7	60.1	72.4	90.6	108.4	126.2
-67.5°	9.7	12.2	15.1	19.1	26.7	35.0	43.8	54.1	65.1	75.1	86.7
-70°	8.9	9.5	11.6	14.2	17.2	21.7	29.1	36.8	44.6	52.2	60.6
-72.5°	8.3	8.8	9.4	10.2	12.4	15.1	18.1	21.4	26.4	32.4	38.3
-75°	7.8	8.1	8.5	9.0	9.6	10.4	11.4	13.8	16.5	19.0	21.5
-77.5°	7.3	7.5	7.7	7.9	8.2	8.7	9.2	9.8	10.7	11.7	12.8
-80°	6.7	6.9	7.1	7.2	7.3	7.4	7.5	7.7	8.0	8.4	8.9
-82.5°	6.2	6.3	6.5	6.6	6.5	6.3	6.1	6.1	6.3	6.5	6.7
-85°	5.7	5.8	5.9	6.0	5.8	5.5	5.3	5.1	5.2	5.2	5.3
-87.5°	5.2	5.2	5.2	5.3	5.0	4.8	4.5	4.3	4.3	4.3	4.4
-90°	4.3	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.3	4.6	5.2	5.7
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.8
85°	3.1	2.9	2.7	2.5	2.3	2.3	2.3	2.3	2.3	2.0	1.8
82.5°	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.0	1.8
80°	3.5	3.3	3.2	3.1	3.1	2.9	2.8	2.6	2.3	2.0	1.8
77.5°	3.6	3.5	3.5	3.5	3.5	3.3	3.0	2.6	2.3	2.1	1.8
75°	3.6	3.5	3.6	3.6	3.5	3.4	3.3	3.3	3.3	3.1	2.8
72.5°	4.5	4.3	4.3	4.2	4.0	3.9	3.9	3.7	3.6	3.5	3.4
70°	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.5	4.4	4.5
67.5°	9.0	9.2	9.1	8.7	7.8	7.0	6.6	6.2	5.7	5.7	6.0
65°	13.3	11.6	10.5	9.6	8.9	8.2	7.8	7.3	6.8	7.0	8.0
62.5°	15.7	12.4	10.6	9.9	9.5	9.1	8.4	8.0	7.8	8.0	8.8
60°	18.3	13.3	9.9	9.3	8.7	8.2	8.1	8.1	8.1	8.2	8.6
57.5°	19.7	13.6	9.1	8.8	8.5	8.2	8.2	8.3	8.2	8.1	8.5
55°	19.2	13.7	9.4	9.0	8.9	9.0	9.0	8.6	8.3	8.1	8.4
52.5°	17.5	13.2	10.1	9.3	9.3	8.8	8.1	8.6	9.0	9.4	9.9
50°	15.6	12.4	10.8	10.1	10.1	10.2	10.2	10.8	11.4	11.7	12.2
47.5°	14.3	12.5	12.4	12.2	12.5	13.2	13.4	14.0	15.8	16.7	17.1
45°	14.4	15.3	16.0	16.5	16.5	19.7	22.1	23.4	24.9	26.3	27.4
42.5°	19.5	21.7	23.8	26.7	28.5	33.9	36.8	33.2	40.6	47.0	48.5
40°	29.9	33.1	40.1	48.0	57.5	61.5	80.7	81.6	89.9	110.7	117.4
37.5°	45.4	54.6	79.2	100.0	133.1	152.7	177.1	200.4	219.2	238.5	251.7
35°	70.7	117.8	154.9	219.8	264.2	286.7	315.6	350.1	364.7	425.4	471.7
32.5°	151.2	235.6	336.3	388.1	446.4	491.0	484.7	628.4	683.7	774.9	849.0
30°	279.4	481.1	751.3	751.3	740.9	986.5	1076.4	1262.0	1452.2	1578.9	1881.9
27.5°	645.8	1073.9	1501.8	1510.5	1695.9	2208.9	2501.0	2588.8	3414.2	3944.3	4667.3
25°	1190.0	1894.5	2484.9	2759.7	3310.3	4146.1	4640.9	5230.8	6462.8	7866.6	8752.8
22.5°	1772.3	2523.2	3410.3	4035.9	5091.3	6166.4	7066.2	8368.0	10023.8	11590.2	12650.0
20°	2210.6	3092.7	4345.8	5659.8	6996.8	8344.6	9742.3	11531.2	13772.5	15679.9	17403.9
17.5°	3104.3	4037.1	5732.8	7520.2	9334.8	10774.8	12982.1	15127.5	17858.2	20626.0	22769.8
15°	4426.8	5930.3	7626.9	9945.4	12497.6	14701.2	17041.6	20806.6	24128.5	27685.9	30864.3
12.5°	6123.9	8116.5	10364.8	13031.1	16376.3	19834.4	23403.8	27377.8	31722.8	35995.8	40531.7
10°	7708.4	10447.0	13349.8	16630.6	20458.6	24825.7	29186.9	33689.7	39727.5	45199.7	50050.1
7.5°	8802.4	12027.8	15590.6	19600.6	24325.6	28970.4	33896.8	40019.2	47072.8	53277.9	58248.7
5°	9784.9	13439.7	16997.1	21051.0	26544.4	31853.4	37674.3	45126.1	53155.6	59960.3	64914.2
2.5°	10640.2	14573.3	18028.0	22112.0	28143.3	33667.0	40023.3	48904.2	58258.3	65074.2	70301.2
0°	11343.9	15182.3	18611.2	22817.8	29194.8	34884.0	41404.9	51281.0	62048.6	68934.0	73958.4
-2.5°	10662.7	14144.7	17529.4	21790.0	28216.5	34042.9	41090.8	51136.6	61703.8	69130.2	74318.0
-5°	10148.2	13327.9	16541.0	20757.0	26409.3	31811.9	38425.4	48756.8	59879.1	67382.9	72632.2
-7.5°	9749.4	12524.5	15445.8	19327.8	24498.5	30227.7	37318.7	47286.8	57796.7	65385.8	70142.2
-10°	9314.7	11698.7	14882.4	18795.2	23823.3	29285.3	35584.8	44805.7	55424.8	62726.7	68297.6
-12.5°	9182.2	11699.5	14906.4	18303.8	22928.8	28174.0	34179.9	42034.2	50173.6	57830.5	62715.8
-15°	8968.7	11523.2	14661.7	17857.1	22050.1	27101.7	32115.4	37919.8	44722.9	50255.5	55358.9
-17.5°	8550.0	11004.8	13363.4	16349.2	20430.2	25113.3	28912.3	33477.0	38385.3	42604.2	46453.7
-20°	7547.7	9217.1	11452.5	14268.2	17765.4	21557.6	25016.5	28309.9	31464.2	34678.2	36904.7



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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°	5775.4	7378.5	9252.7	11591.6	14364.0	17668.8	20725.5	22956.1	25465.2	27779.5	29682.3
-25°	4223.5	5398.0	7147.4	9143.1	10952.3	13599.3	15945.1	17451.6	19654.0	21384.0	23031.1
-27.5°	3054.2	4204.5	5631.0	7208.0	8564.6	9986.6	12057.3	13495.9	15228.0	16554.7	17928.4
-30°	2084.6	3351.4	4666.1	5956.0	6988.0	8062.3	9209.8	10628.8	12019.4	13133.9	14126.4
-32.5°	1445.9	2363.8	3648.6	4850.4	5783.1	6602.2	7356.3	8434.2	9474.8	10382.0	11125.9
-35°	885.8	1536.8	2426.6	3571.1	4557.1	5344.2	6039.6	6726.2	7392.0	8074.6	8649.6
-37.5°	749.4	904.9	1459.3	2247.3	3186.6	4062.6	4743.8	5310.7	5813.2	6332.7	6741.7
-40°	662.3	755.3	894.4	1182.7	1905.1	2633.4	3367.8	3978.0	4530.6	4991.3	5349.3
-42.5°	604.8	667.0	734.8	847.8	981.8	1338.7	1970.4	2586.1	3185.6	3688.3	4109.7
-45°	587.0	618.2	654.8	715.4	770.8	879.4	996.7	1118.2	1594.7	2100.4	2546.0
-47.5°	546.4	596.4	629.6	655.6	686.5	735.7	780.7	838.1	947.6	1056.1	1144.8
-50°	492.5	547.2	593.1	637.7	669.1	690.6	707.0	736.8	780.4	822.8	857.0
-52.5°	427.4	480.4	533.8	587.9	632.6	673.9	712.8	739.7	760.0	777.4	786.3
-55°	368.1	412.4	457.1	511.5	565.5	617.3	667.1	709.5	749.1	786.1	807.0
-57.5°	310.2	348.4	388.2	436.8	484.8	531.9	580.2	629.1	677.0	721.7	747.7
-60°	255.0	288.9	324.9	364.1	405.8	449.3	490.9	532.4	573.5	610.0	631.4
-62.5°	200.9	229.4	258.7	289.8	322.5	356.8	391.3	426.2	461.0	490.3	508.4
-65°	145.9	169.1	191.5	214.3	237.3	263.3	290.6	317.2	342.8	363.0	376.1
-67.5°	102.0	117.0	130.8	144.1	160.4	178.9	198.6	217.7	236.1	250.0	259.3
-70°	69.3	77.6	85.2	93.9	104.6	115.6	127.1	138.2	148.8	156.8	163.0
-72.5°	44.2	49.8	55.1	61.1	66.9	73.2	79.9	86.2	92.1	96.2	99.5
-75°	23.9	26.9	31.2	35.4	39.2	43.8	48.5	53.0	57.1	59.3	60.8
-77.5°	14.6	16.6	18.5	20.3	22.0	24.5	27.3	30.1	32.8	34.1	35.0
-80°	9.6	10.5	11.5	12.5	13.4	14.9	16.5	18.0	19.5	20.0	20.3
-82.5°	6.8	7.1	7.5	7.8	8.2	9.2	10.2	11.2	12.2	12.9	13.6
-85°	5.4	5.4	5.5	5.5	5.6	6.1	6.7	7.2	7.8	8.2	8.5
-87.5°	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.9	5.2
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.8



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.3	6.9	6.4	5.8	6.4	6.9	6.3	5.7	5.2	4.6	4.3
87.5°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.0	2.3	2.3
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.6
77.5°	1.5	1.2	1.7	2.3	1.7	1.2	1.5	1.8	2.1	2.3	2.6
75°	2.6	2.3	2.3	2.3	2.3	2.3	2.6	2.8	3.1	3.3	3.3
72.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.5	3.6	3.7
70°	4.5	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.5	4.8
67.5°	6.4	6.8	6.9	6.9	6.9	6.8	6.4	6.0	5.7	5.7	6.2
65°	9.0	10.1	9.8	9.2	9.8	10.1	9.0	8.0	7.0	6.8	7.3
62.5°	9.6	10.3	10.4	10.4	10.4	10.3	9.6	8.8	8.0	7.8	8.0
60°	8.9	9.2	9.2	9.2	9.2	9.2	8.9	8.6	8.2	8.1	8.1
57.5°	8.8	9.1	9.2	9.2	9.2	9.1	8.8	8.5	8.1	8.2	8.3
55°	8.7	9.1	9.2	9.2	9.2	9.1	8.7	8.4	8.1	8.3	8.6
52.5°	10.1	10.3	10.4	10.4	10.4	10.3	10.1	9.9	9.4	9.0	8.6
50°	12.8	13.4	13.0	11.5	13.0	13.4	12.8	12.2	11.7	11.4	10.8
47.5°	17.1	16.5	16.0	16.1	16.0	16.5	17.1	17.1	16.7	15.8	14.0
45°	27.8	27.5	27.3	27.6	27.3	27.5	27.8	27.4	26.3	24.9	23.4
42.5°	50.1	50.3	49.5	48.3	49.5	50.3	50.1	48.5	47.0	40.6	33.2
40°	117.1	107.3	94.1	86.3	94.1	107.3	117.1	117.4	110.7	89.9	81.6
37.5°	263.7	271.4	272.1	266.9	272.1	271.4	263.7	251.7	238.5	219.2	200.4
35°	501.0	519.0	520.0	510.7	520.0	519.0	501.0	471.7	425.4	364.7	350.1
32.5°	847.9	888.2	903.3	899.5	903.3	888.2	847.9	849.0	774.9	683.7	628.4
30°	1741.0	1753.1	1629.1	1402.2	1629.1	1753.1	1741.0	1881.9	1578.9	1452.2	1262.0
27.5°	5059.5	5526.5	5695.9	5621.3	5695.9	5526.5	5059.5	4667.3	3944.3	3414.2	2588.8
25°	9007.2	9314.9	9622.0	9657.6	9622.0	9314.9	9007.2	8752.8	7866.6	6462.8	5230.8
22.5°	13384.0	13821.2	14236.3	14141.3	14236.3	13821.2	13384.0	12650.0	11590.2	10023.8	8368.0
20°	18498.8	18800.4	19106.6	18767.7	19106.6	18800.4	18498.8	17403.9	15679.9	13772.5	11531.2
17.5°	25015.3	26435.2	27695.6	27125.5	27695.6	26435.2	25015.3	22769.8	20626.0	17858.2	15127.5
15°	33857.0	36328.3	37777.7	37701.0	37777.7	36328.3	33857.0	30864.3	27685.9	24128.5	20806.6
12.5°	44045.7	46628.3	48107.4	47801.5	48107.4	46628.3	44045.7	40531.7	35995.8	31722.8	27377.8
10°	53238.2	55266.2	57023.7	57712.1	57023.7	55266.2	53238.2	50050.1	45199.7	39727.5	33689.7
7.5°	61357.5	62868.4	64334.5	64596.5	64334.5	62868.4	61357.5	58248.7	53277.9	47072.8	40019.2
5°	68041.3	70181.9	71010.7	71339.3	71010.7	70181.9	68041.3	64914.2	59960.3	53155.6	45126.1
2.5°	73435.6	75393.8	76430.4	76124.4	76430.4	75393.8	73435.6	70301.2	65074.2	58258.3	48904.2
0°	76534.4	78084.4	78931.0	78728.6	78931.0	78084.4	76534.4	73958.4	68934.0	62048.6	51281.0
-2.5°	76839.8	77882.1	78544.4	78284.6	78544.4	77882.1	76839.8	74318.0	69130.2	61703.8	51136.6
-5°	74726.7	75574.8	75922.8	76071.5	75922.8	75574.8	74726.7	72632.2	67382.9	59879.1	48756.8
-7.5°	71815.0	72954.3	72781.0	73080.8	72781.0	72954.3	71815.0	70142.2	65385.8	57796.7	47286.8
-10°	70080.8	71132.3	70980.0	71060.9	70980.0	71132.3	70080.8	68297.6	62726.7	55424.8	44805.7
-12.5°	65873.0	67399.7	67634.1	67897.1	67634.1	67399.7	65873.0	62715.8	57830.5	50173.6	42034.2
-15°	58708.7	60386.2	61400.5	61628.8	61400.5	60386.2	58708.7	55358.9	50255.5	44722.9	37919.8
-17.5°	49654.1	51974.0	53605.0	53984.1	53605.0	51974.0	49654.1	46453.7	42604.2	38385.3	33477.0
-20°	39623.8	41284.5	42129.6	42585.0	42129.6	41284.5	39623.8	36904.7	34678.2	31464.2	28309.9



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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°	31187.5	32284.2	32755.0	32831.9	32755.0	32284.2	31187.5	29682.3	27779.5	25465.2	22956.1
-25°	24364.9	25112.4	25432.8	25906.2	25432.8	25112.4	24364.9	23031.1	21384.0	19654.0	17451.6
-27.5°	18908.0	19565.3	19858.4	20294.1	19858.4	19565.3	18908.0	17928.4	16554.7	15228.0	13495.9
-30°	14795.8	15191.8	15290.7	15312.3	15290.7	15191.8	14795.8	14126.4	13133.9	12019.4	10628.8
-32.5°	11703.5	12149.5	12415.8	12534.4	12415.8	12149.5	11703.5	11125.9	10382.0	9474.8	8434.2
-35°	9080.3	9374.2	9549.2	9746.2	9549.2	9374.2	9080.3	8649.6	8074.6	7392.0	6726.2
-37.5°	7059.6	7277.6	7398.1	7438.7	7398.1	7277.6	7059.6	6741.7	6332.7	5813.2	5310.7
-40°	5635.0	5851.4	5981.3	6000.9	5981.3	5851.4	5635.0	5349.3	4991.3	4530.6	3978.0
-42.5°	4429.8	4699.5	4873.9	4913.9	4873.9	4699.5	4429.8	4109.7	3688.3	3185.6	2586.1
-45°	2871.9	3122.9	3255.7	3247.2	3255.7	3122.9	2871.9	2546.0	2100.4	1594.7	1118.2
-47.5°	1201.5	1242.0	1259.4	1253.8	1259.4	1242.0	1201.5	1144.8	1056.1	947.6	838.1
-50°	884.1	907.1	919.6	922.5	919.6	907.1	884.1	857.0	822.8	780.4	736.8
-52.5°	793.9	802.3	805.3	805.2	805.3	802.3	793.9	786.3	777.4	760.0	739.7
-55°	826.5	845.0	852.3	852.3	852.3	845.0	826.5	807.0	786.1	749.1	709.5
-57.5°	771.2	792.0	801.6	804.0	801.6	792.0	771.2	747.7	721.7	677.0	629.1
-60°	650.7	667.4	674.7	676.4	674.7	667.4	650.7	631.4	610.0	573.5	532.4
-62.5°	523.9	536.6	540.5	539.5	540.5	536.6	523.9	508.4	490.3	461.0	426.2
-65°	387.1	395.8	396.5	393.4	396.5	395.8	387.1	376.1	363.0	342.8	317.2
-67.5°	266.7	272.3	272.5	270.3	272.5	272.3	266.7	259.3	250.0	236.1	217.7
-70°	168.2	172.4	172.7	171.4	172.7	172.4	168.2	163.0	156.8	148.8	138.2
-72.5°	102.3	104.6	106.6	108.1	106.6	104.6	102.3	99.5	96.2	92.1	86.2
-75°	61.9	62.7	62.6	62.1	62.6	62.7	61.9	60.8	59.3	57.1	53.0
-77.5°	35.8	36.5	37.8	39.1	37.8	36.5	35.8	35.0	34.1	32.8	30.1
-80°	20.5	20.6	21.3	21.9	21.3	20.6	20.5	20.3	20.0	19.5	18.0
-82.5°	14.3	14.9	15.0	15.0	15.0	14.9	14.3	13.6	12.9	12.2	11.2
-85°	8.9	9.2	9.8	10.4	9.8	9.2	8.9	8.5	8.2	7.8	7.2
-87.5°	5.5	5.8	5.8	5.8	5.8	5.8	5.5	5.2	4.9	4.6	4.6
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.0	2.3	2.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5
85°	2.3	2.3	2.3	2.5	2.7	2.9	3.1	3.1	3.2	3.3	3.5
82.5°	2.3	2.3	2.3	2.6	2.9	3.2	3.5	3.5	3.5	3.5	3.5
80°	2.8	2.9	3.1	3.1	3.2	3.3	3.5	3.6	3.5	3.5	3.5
77.5°	3.0	3.3	3.5	3.5	3.5	3.5	3.6	3.8	4.0	4.1	4.1
75°	3.3	3.4	3.5	3.6	3.6	3.5	3.6	3.9	4.2	4.4	4.6
72.5°	3.9	3.9	4.0	4.2	4.3	4.3	4.5	4.7	4.8	4.7	4.6
70°	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.3	6.3	6.4	5.9
67.5°	6.6	7.0	7.8	8.7	9.1	9.2	9.0	8.4	8.1	8.1	7.3
65°	7.8	8.2	8.9	9.6	10.5	11.6	13.3	13.5	12.8	11.2	8.8
62.5°	8.4	9.1	9.5	9.9	10.6	12.4	15.7	17.7	18.3	16.3	12.4
60°	8.1	8.2	8.7	9.3	9.9	13.3	18.3	22.0	24.1	20.5	15.4
57.5°	8.2	8.2	8.5	8.8	9.1	13.6	19.7	26.0	30.0	23.6	17.7
55°	9.0	9.0	8.9	9.0	9.4	13.7	19.2	25.6	29.4	25.6	18.9
52.5°	8.1	8.8	9.3	9.3	10.1	13.2	17.5	23.5	25.4	22.3	18.4
50°	10.2	10.2	10.1	10.1	10.8	12.4	15.6	20.3	20.5	19.1	15.9
47.5°	13.4	13.2	12.5	12.2	12.4	12.5	14.3	16.5	17.8	16.3	14.0
45°	22.1	19.7	16.5	16.5	16.0	15.3	14.4	16.9	17.6	16.6	12.9
42.5°	36.8	33.9	28.5	26.7	23.8	21.7	19.5	20.7	21.1	19.4	17.5
40°	80.7	61.5	57.5	48.0	40.1	33.1	29.9	26.9	26.9	25.3	24.5
37.5°	177.1	152.7	133.1	100.0	79.2	54.6	45.4	38.3	33.8	36.5	35.0
35°	315.6	286.7	264.2	219.8	154.9	117.8	70.7	55.1	50.9	53.5	49.0
32.5°	484.7	491.0	446.4	388.1	336.3	235.6	151.2	82.8	90.9	86.3	70.8
30°	1076.4	986.5	740.9	751.3	751.3	481.1	279.4	218.3	162.6	134.3	102.1
27.5°	2501.0	2208.9	1695.9	1510.5	1501.8	1073.9	645.8	445.5	285.2	210.7	155.5
25°	4640.9	4146.1	3310.3	2759.7	2484.9	1894.5	1190.0	842.4	542.8	304.9	212.3
22.5°	7066.2	6166.4	5091.3	4035.9	3410.3	2523.2	1772.3	1328.8	831.9	436.5	281.0
20°	9742.3	8344.6	6996.8	5659.8	4345.8	3092.7	2210.6	1812.5	1215.5	616.6	346.9
17.5°	12982.1	10774.8	9334.8	7520.2	5732.8	4037.1	3104.3	2440.4	1696.2	767.7	406.9
15°	17041.6	14701.2	12497.6	9945.4	7626.9	5930.3	4426.8	3271.7	2265.4	1056.4	542.1
12.5°	23403.8	19834.4	16376.3	13031.1	10364.8	8116.5	6123.9	4432.3	2930.3	1571.5	762.4
10°	29186.9	24825.7	20458.6	16630.6	13349.8	10447.0	7708.4	5351.3	3509.1	2092.0	1003.5
7.5°	33896.8	28970.4	24325.6	19600.6	15590.6	12027.8	8802.4	6119.2	3998.8	2561.9	1254.3
5°	37674.3	31853.4	26544.4	21051.0	16997.1	13439.7	9784.9	6810.9	4402.2	2973.8	1502.7
2.5°	40023.3	33667.0	28143.3	22112.0	18028.0	14573.3	10640.2	7407.8	4743.5	3296.9	1719.3
0°	41404.9	34884.0	29194.8	22817.8	18611.2	15182.3	11343.9	7878.1	5019.7	3542.8	1908.3
-2.5°	41090.8	34042.9	28216.5	21790.0	17529.4	14144.7	10662.7	7701.7	5280.8	3596.3	1838.5
-5°	38425.4	31811.9	26409.3	20757.0	16541.0	13327.9	10148.2	7559.4	5420.7	3566.8	1731.8
-7.5°	37318.7	30227.7	24498.5	19327.8	15445.8	12524.5	9749.4	7470.2	5420.6	3517.6	1755.4
-10°	35584.8	29285.3	23823.3	18795.2	14882.4	11698.7	9314.7	7288.9	5308.4	3367.7	1713.8
-12.5°	34179.9	28174.0	22928.8	18303.8	14906.4	11699.5	9182.2	7062.5	5079.6	3115.0	1596.5
-15°	32115.4	27101.7	22050.1	17857.1	14661.7	11523.2	8968.7	6789.4	4586.7	2700.8	1395.4
-17.5°	28912.3	25113.3	20430.2	16349.2	13363.4	11004.8	8550.0	6162.9	3898.2	2164.8	1077.3
-20°	25016.5	21557.6	17765.4	14268.2	11452.5	9217.1	7547.7	5177.7	3126.3	1708.0	955.7



REPORT NUMBER: P1305586 (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°	20725.5	17668.8	14364.0	11591.6	9252.7	7378.5	5775.4	3904.1	2258.6	1207.6	827.3
-25°	15945.1	13599.3	10952.3	9143.1	7147.4	5398.0	4223.5	2850.2	1658.0	891.5	701.1
-27.5°	12057.3	9986.6	8564.6	7208.0	5631.0	4204.5	3054.2	1925.5	1069.6	762.2	619.9
-30°	9209.8	8062.3	6988.0	5956.0	4666.1	3351.4	2084.6	1293.5	819.4	653.2	562.4
-32.5°	7356.3	6602.2	5783.1	4850.4	3648.6	2363.8	1445.9	840.0	682.7	595.9	538.8
-35°	6039.6	5344.2	4557.1	3571.1	2426.6	1536.8	885.8	716.8	611.5	551.7	524.1
-37.5°	4743.8	4062.6	3186.6	2247.3	1459.3	904.9	749.4	640.0	564.5	535.9	495.3
-40°	3367.8	2633.4	1905.1	1182.7	894.4	755.3	662.3	586.5	553.0	510.2	458.8
-42.5°	1970.4	1338.7	981.8	847.8	734.8	667.0	604.8	571.9	529.6	474.0	410.0
-45°	996.7	879.4	770.8	715.4	654.8	618.2	587.0	541.2	488.6	425.5	356.9
-47.5°	780.7	735.7	686.5	655.6	629.6	596.4	546.4	494.8	434.7	372.4	315.4
-50°	707.0	690.6	669.1	637.7	593.1	547.2	492.5	435.0	380.0	326.9	274.4
-52.5°	712.8	673.9	632.6	587.9	533.8	480.4	427.4	379.3	330.6	282.1	235.6
-55°	667.1	617.3	565.5	511.5	457.1	412.4	368.1	324.8	281.1	236.9	200.3
-57.5°	580.2	531.9	484.8	436.8	388.2	348.4	310.2	270.5	234.1	199.9	166.3
-60°	490.9	449.3	405.8	364.1	324.9	288.9	255.0	222.5	191.8	161.8	132.0
-62.5°	391.3	356.8	322.5	289.8	258.7	229.4	200.9	173.8	148.2	123.2	100.8
-65°	290.6	263.3	237.3	214.3	191.5	169.1	145.9	126.2	108.4	90.6	72.4
-67.5°	198.6	178.9	160.4	144.1	130.8	117.0	102.0	86.7	75.1	65.1	54.1
-70°	127.1	115.6	104.6	93.9	85.2	77.6	69.3	60.6	52.2	44.6	36.8
-72.5°	79.9	73.2	66.9	61.1	55.1	49.8	44.2	38.3	32.4	26.4	21.4
-75°	48.5	43.8	39.2	35.4	31.2	26.9	23.9	21.5	19.0	16.5	13.8
-77.5°	27.3	24.5	22.0	20.3	18.5	16.6	14.6	12.8	11.7	10.7	9.8
-80°	16.5	14.9	13.4	12.5	11.5	10.5	9.6	8.9	8.4	8.0	7.7
-82.5°	10.2	9.2	8.2	7.8	7.5	7.1	6.8	6.7	6.5	6.3	6.1
-85°	6.7	6.1	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1
-87.5°	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	3.7	3.9	4.0	4.1	4.2	4.3	4.5	4.6	4.6	4.6	4.6
85°	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
82.5°	3.8	4.1	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
80°	3.8	4.1	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
77.5°	4.1	4.2	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
75°	4.6	4.5	4.5	4.6	4.7	4.6	4.6	4.6	4.7	4.6	4.6
72.5°	4.6	4.6	4.6	4.7	4.9	4.9	4.8	4.7	4.9	4.9	4.7
70°	5.2	4.7	4.6	4.8	5.1	5.3	5.3	5.1	5.1	5.1	5.0
67.5°	6.4	5.6	5.1	4.9	5.1	5.4	5.7	5.5	5.3	5.4	5.3
65°	7.8	6.7	5.8	5.5	5.3	5.5	5.8	5.8	5.6	5.5	5.6
62.5°	9.6	8.1	7.0	6.1	5.7	5.6	5.8	5.8	5.8	5.7	5.7
60°	11.6	9.1	8.0	7.0	6.2	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	12.9	9.5	8.6	7.8	6.9	6.1	5.8	5.8	5.8	5.8	5.8
55°	13.5	9.9	9.1	8.3	7.4	6.6	6.0	5.8	5.8	5.8	5.8
52.5°	13.1	10.5	9.6	8.7	7.9	7.0	6.4	5.8	5.8	5.8	5.8
50°	11.6	11.2	10.2	9.2	8.3	7.5	6.8	6.1	5.8	5.8	5.8
47.5°	11.8	11.8	11.0	9.7	8.7	8.0	7.2	6.5	5.8	5.8	5.8
45°	13.4	12.7	12.0	10.6	9.1	8.4	7.6	6.9	6.1	5.8	5.8
42.5°	16.2	15.2	13.3	11.5	10.2	8.8	8.1	7.2	6.4	5.9	5.8
40°	22.5	19.0	15.5	14.3	11.6	9.2	8.4	7.6	6.7	6.1	5.9
37.5°	30.1	25.3	20.0	20.0	14.2	10.7	8.8	7.9	7.1	6.4	6.0
35°	41.6	33.5	29.6	28.4	21.6	12.3	9.1	8.2	7.5	6.7	6.2
32.5°	54.8	49.0	45.4	38.3	31.1	14.1	10.1	8.8	8.0	7.0	6.3
30°	80.4	77.0	65.9	49.1	41.9	22.8	12.0	9.4	8.5	7.3	6.5
27.5°	120.1	111.4	91.5	67.3	52.1	33.5	14.2	10.2	9.0	7.7	6.8
25°	162.4	148.2	125.0	90.4	62.8	44.7	16.7	11.0	9.5	8.1	7.0
22.5°	213.1	183.0	162.9	116.2	76.4	56.1	22.5	13.0	10.2	8.5	7.2
20°	259.7	216.2	203.4	141.7	95.7	66.9	31.6	15.0	10.9	8.9	7.4
17.5°	305.0	260.3	234.6	171.7	116.9	79.0	40.6	17.0	11.6	9.3	7.7
15°	390.3	321.9	271.1	202.2	136.9	92.2	49.3	19.0	12.3	9.7	7.8
12.5°	488.1	387.1	313.2	232.5	155.6	106.1	57.6	21.0	13.0	10.0	7.9
10°	589.3	454.7	359.4	262.2	172.9	120.2	65.3	23.6	14.0	10.4	8.0
7.5°	691.6	523.1	407.8	290.5	192.3	141.8	83.1	27.8	15.2	10.7	8.0
5°	785.2	587.5	458.7	334.9	229.4	170.8	102.9	32.1	16.3	11.0	8.1
2.5°	843.2	643.5	507.6	379.0	265.6	198.9	122.3	36.4	17.4	11.3	8.1
0°	892.6	694.8	552.1	419.8	300.2	225.5	140.3	40.3	18.4	11.5	8.1
-2.5°	893.4	696.3	567.1	458.7	338.6	253.9	162.4	52.1	25.2	14.6	9.2
-5°	886.2	694.2	580.4	494.0	374.2	279.8	181.5	63.1	31.7	17.6	10.2
-7.5°	903.5	701.3	592.7	522.2	406.4	302.8	196.9	73.1	37.7	20.3	11.2
-10°	915.3	710.4	600.7	520.6	406.6	309.4	205.8	81.9	43.0	22.6	12.1
-12.5°	911.4	712.2	605.7	513.8	398.2	301.3	197.9	87.9	47.4	24.6	12.8
-15°	890.2	706.0	607.6	501.3	386.3	291.5	188.4	92.1	51.2	26.4	13.5
-17.5°	838.4	691.1	606.0	482.6	370.7	280.3	177.9	94.9	54.0	28.3	14.4
-20°	759.7	656.8	597.7	457.4	351.3	267.9	166.8	96.2	55.7	29.5	15.4



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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°	686.2	615.5	549.4	432.5	331.2	254.5	155.3	95.9	56.2	29.9	16.1
-25°	612.2	577.0	499.9	399.7	313.6	237.6	148.8	93.9	55.4	29.6	16.5
-27.5°	562.5	536.6	454.7	365.9	291.9	221.4	145.8	92.8	54.0	28.4	16.6
-30°	526.0	488.1	415.1	333.5	268.1	199.5	140.7	90.1	52.7	27.8	16.2
-32.5°	503.9	446.9	376.1	305.7	242.4	177.2	129.5	85.6	50.1	27.4	16.0
-35°	473.0	408.6	337.6	275.5	216.3	160.8	115.8	79.2	46.4	26.5	15.5
-37.5°	439.5	368.8	302.9	245.1	190.1	143.0	103.3	69.9	41.4	24.9	14.8
-40°	393.9	328.8	268.6	216.6	167.8	123.8	90.0	61.2	38.1	22.8	13.8
-42.5°	346.4	290.5	237.8	188.5	145.5	108.4	76.6	52.1	34.2	20.9	12.4
-45°	304.3	253.6	207.5	164.1	122.9	92.4	66.0	43.2	29.9	19.0	11.2
-47.5°	262.8	220.1	179.1	139.2	105.0	77.0	55.1	38.0	25.2	16.7	10.5
-50°	226.3	188.3	152.1	118.0	87.2	64.7	45.1	32.4	21.9	13.8	9.7
-52.5°	194.5	159.4	127.1	97.0	72.8	52.0	38.5	26.7	18.3	12.0	8.8
-55°	164.6	131.7	102.7	79.1	58.7	43.3	31.6	22.3	14.5	10.8	7.9
-57.5°	134.5	104.0	82.3	62.8	47.6	35.4	25.5	17.6	12.4	9.5	7.7
-60°	104.6	82.7	63.5	50.1	38.4	28.0	19.8	13.7	10.8	8.3	7.5
-62.5°	80.1	62.5	50.5	39.3	29.6	21.2	14.5	11.7	9.0	8.0	7.2
-65°	60.1	48.7	38.2	29.2	21.1	15.1	12.2	9.6	8.4	7.7	6.9
-67.5°	43.8	35.0	26.7	19.1	15.1	12.2	9.7	8.7	8.0	7.3	6.7
-70°	29.1	21.7	17.2	14.2	11.6	9.5	8.9	8.3	7.7	7.0	6.4
-72.5°	18.1	15.1	12.4	10.2	9.4	8.8	8.3	7.9	7.3	6.7	6.1
-75°	11.4	10.4	9.6	9.0	8.5	8.1	7.8	7.4	6.9	6.3	6.0
-77.5°	9.2	8.7	8.2	7.9	7.7	7.5	7.3	7.0	6.5	6.2	5.9
-80°	7.5	7.4	7.3	7.2	7.1	6.9	6.7	6.5	6.2	6.0	5.8
-82.5°	6.1	6.3	6.5	6.6	6.5	6.3	6.2	6.1	5.9	5.8	5.7
-85°	5.3	5.5	5.8	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3
-87.5°	4.5	4.8	5.0	5.3	5.2	5.2	5.2	5.1	5.1	5.0	5.0
-90°	3.5	3.5	3.5	3.5	3.8	4.1	4.3	4.6	4.6	4.6	4.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
80°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
77.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
67.5°	4.9	4.6	4.6	4.6	4.6	4.6	4.6
65°	5.2	4.7	4.6	4.6	4.6	4.6	4.6
62.5°	5.5	5.0	4.6	4.6	4.6	4.6	4.6
60°	5.8	5.2	4.6	4.6	4.6	4.6	4.6
57.5°	5.8	5.4	4.8	4.6	4.6	4.6	4.6
55°	5.8	5.6	4.9	4.6	4.6	4.6	4.6
52.5°	5.8	5.8	5.1	4.6	4.6	4.6	4.6
50°	5.8	5.8	5.3	4.6	4.6	4.6	4.6
47.5°	5.8	5.8	5.4	4.6	4.6	4.6	4.6
45°	5.8	5.8	5.6	4.7	4.6	4.6	4.6
42.5°	5.8	5.8	5.7	4.9	4.6	4.6	4.6
40°	5.8	5.8	5.8	4.9	4.6	4.6	4.6
37.5°	5.8	5.8	5.8	5.0	4.6	4.6	4.6
35°	5.8	5.8	5.8	5.1	4.6	4.6	4.6
32.5°	5.8	5.8	5.8	5.1	4.6	4.6	4.6
30°	5.9	5.8	5.8	5.1	4.6	4.6	4.6
27.5°	6.1	5.8	5.8	5.2	4.6	4.6	4.6
25°	6.2	5.8	5.7	5.1	4.6	4.6	4.6
22.5°	6.3	5.8	5.7	5.1	4.6	4.6	4.6
20°	6.5	5.8	5.7	5.1	4.6	4.6	4.6
17.5°	6.6	5.8	5.7	5.1	4.6	4.6	4.6
15°	6.7	5.8	5.7	5.0	4.6	4.6	4.6
12.5°	6.7	5.8	5.7	5.0	4.6	4.6	4.6
10°	6.8	5.8	5.8	4.9	4.6	4.6	4.6
7.5°	6.8	5.8	5.8	4.8	4.6	4.6	4.6
5°	6.9	5.8	5.8	4.8	4.6	4.6	4.6
2.5°	6.9	5.8	5.8	4.7	4.6	4.6	4.6
0°	6.9	5.8	5.8	4.6	4.6	4.6	4.6
-2.5°	7.4	6.1	5.8	4.7	4.6	4.6	4.6
-5°	7.8	6.3	5.8	4.8	4.6	4.6	4.6
-7.5°	8.2	6.5	5.8	4.8	4.6	4.6	4.6
-10°	8.6	6.7	5.8	4.9	4.6	4.6	4.6
-12.5°	8.9	6.9	5.7	5.0	4.6	4.6	4.6
-15°	9.2	7.0	5.7	5.0	4.6	4.6	4.6
-17.5°	9.5	7.1	5.7	5.1	4.6	4.6	4.6
-20°	9.8	7.2	5.7	5.1	4.6	4.6	4.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.1	7.2	5.7	5.1	4.6	4.6	4.6
-25°	10.3	7.1	5.7	5.1	4.6	4.6	4.6
-27.5°	10.3	7.1	5.8	5.2	4.6	4.6	4.6
-30°	10.2	6.9	5.8	5.1	4.6	4.6	4.6
-32.5°	9.8	6.8	5.9	5.1	4.6	4.6	4.6
-35°	9.5	6.6	5.9	5.1	4.6	4.6	4.6
-37.5°	9.2	6.4	5.9	5.0	4.6	4.6	4.6
-40°	8.8	6.4	6.0	4.9	4.6	4.6	4.6
-42.5°	8.4	6.5	5.9	4.9	4.6	4.6	4.6
-45°	7.9	6.5	5.8	4.8	4.6	4.6	4.6
-47.5°	7.3	6.5	5.7	4.7	4.6	4.6	4.6
-50°	7.2	6.4	5.6	4.7	4.6	4.6	4.6
-52.5°	7.1	6.4	5.5	4.7	4.6	4.6	4.6
-55°	7.0	6.2	5.3	4.7	4.6	4.6	4.6
-57.5°	6.8	6.0	5.2	4.8	4.6	4.6	4.6
-60°	6.7	5.9	5.0	4.8	4.6	4.6	4.6
-62.5°	6.4	5.7	5.1	4.8	4.6	4.6	4.6
-65°	6.2	5.5	5.1	4.8	4.6	4.6	4.6
-67.5°	6.0	5.4	5.1	4.8	4.6	4.6	4.6
-70°	5.7	5.4	5.1	4.8	4.6	4.6	4.6
-72.5°	5.7	5.4	5.1	4.8	4.6	4.6	4.6
-75°	5.7	5.5	5.2	4.8	4.6	4.6	4.6
-77.5°	5.8	5.5	5.1	4.8	4.6	4.6	4.6
-80°	5.8	5.4	5.0	4.7	4.6	4.6	4.6
-82.5°	5.5	5.2	4.9	4.7	4.6	4.6	4.6
-85°	5.2	5.0	4.8	4.7	4.6	4.6	4.6
-87.5°	4.9	4.8	4.7	4.6	4.6	4.6	4.6
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6

(END OF REPORT)