

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: P1305719 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-2S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

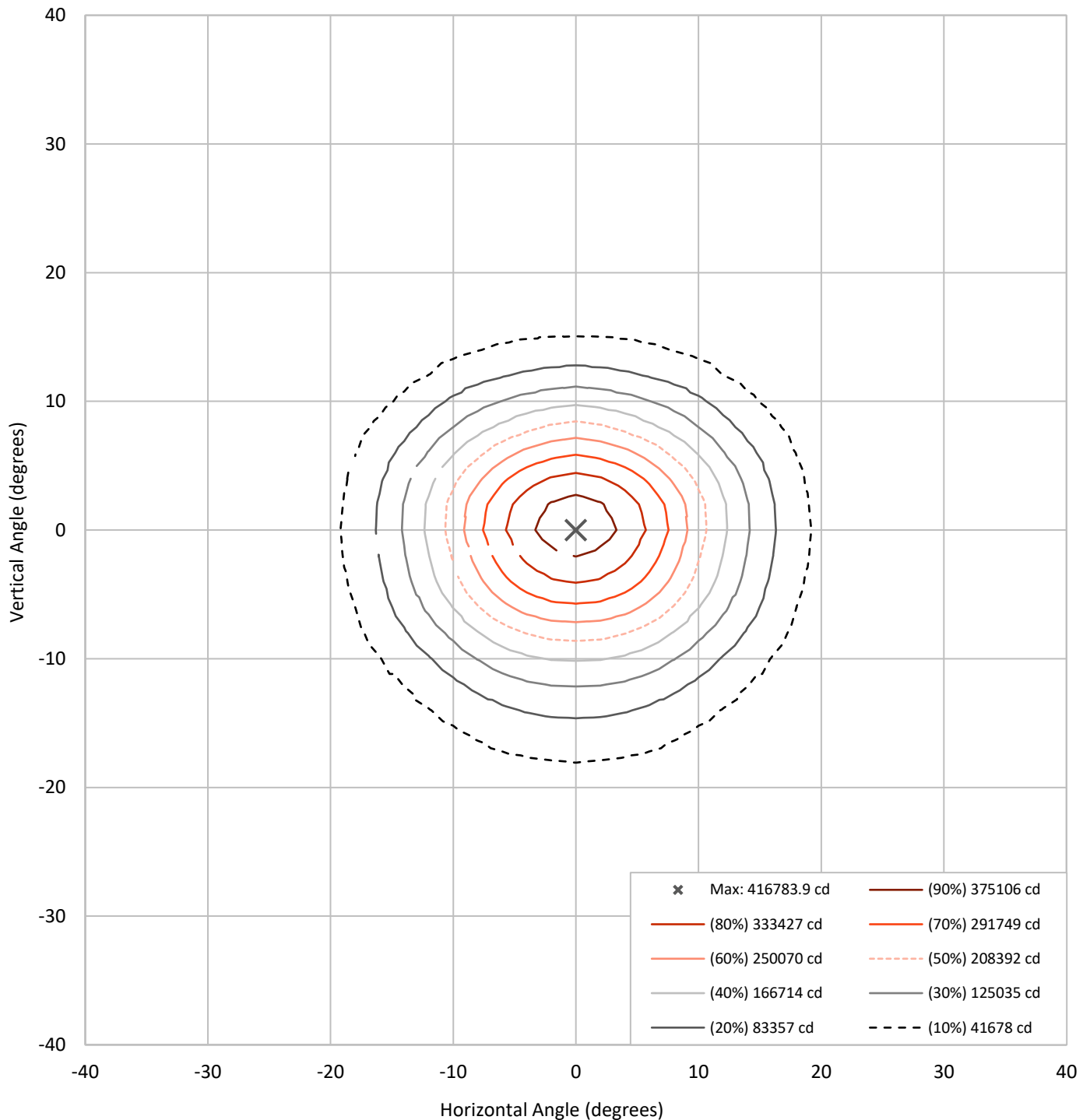
Test Method: LM-79-08  
Report Number: P1305719 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-80-2S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	56215.6 lumens	Max Intensity:	416783.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	24601.3 lumens	Field Lumens:	47617.6 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	670		
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





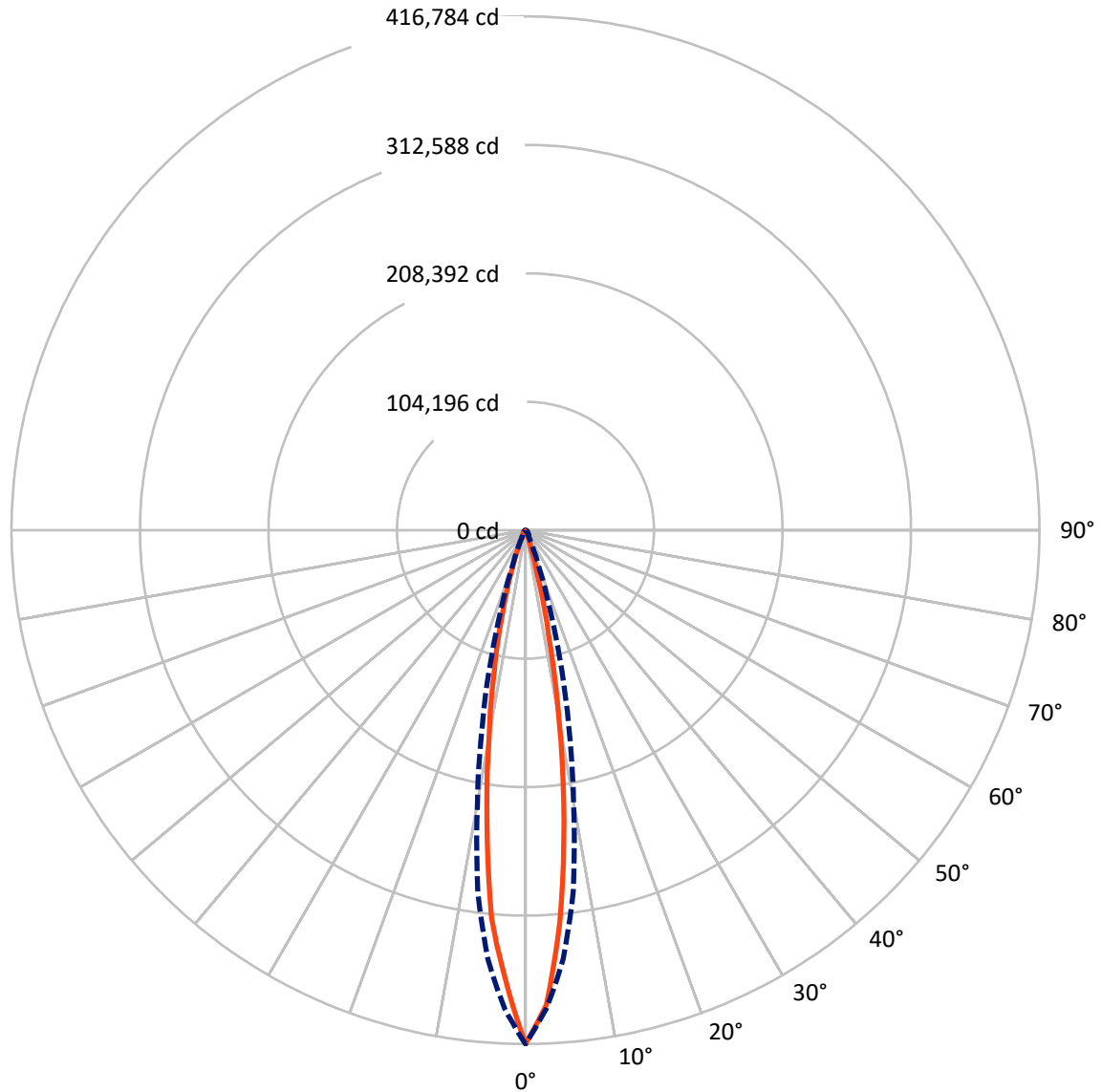
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### Lumen Table

90	0.1	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.1			
80	0.1	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.1			
70	0.2	0.1	0.2	0.7	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.1	0.2	0.2	0.1	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.5	0.8	1.5	2.1	2.4	2.8	2.8	2.4	2.1	1.5	0.8	0.5	0.2				
30	0.3	0.4	1.5	3.6	7.0	9.0	16.0	33.8	33.8	16.0	9.0	7.0	3.6	1.5	0.4	0.3			
20		1.1	5.2	17.3	36.1	65.5	452.3	1393.0	1393.0	452.3	65.5	36.1	17.3	5.2	1.1				
10	0.4	2.0	10.7	42.0	84.2	267.5	2611.1	7761.8	7761.8	2611.1	267.5	84.2	42.0	10.7	2.0	0.4			
0		2.6	12.7	49.1	96.1	279.1	2665.2	7803.6	7803.6	2665.2	279.1	96.1	49.1	12.7	2.6				
-10	0.6	2.8	11.1	36.7	74.3	120.4	736.0	2186.2	2186.2	736.0	120.4	74.3	36.7	11.1	2.8	0.6			
-20		2.7	9.4	21.7	55.3	78.4	118.6	248.9	248.9	118.6	78.4	55.3	21.7	9.4	2.7				
-30	0.5	2.4	7.6	15.1	33.8	64.7	82.4	88.5	88.5	82.4	64.7	33.8	15.1	7.6	2.4	0.5			
-40		1.6	5.6	12.1	20.5	33.1	53.8	69.9	69.9	53.8	33.1	20.5	12.1	5.6	1.6				
-50	0.3	0.8	3.3	7.6	13.8	20.2	24.9	27.7	27.7	24.9	20.2	13.8	7.6	3.3	0.8	0.3			
-60		0.3	1.1	3.2	6.2	9.5	12.8	15.0	15.0	12.8	9.5	6.2	3.2	1.1	0.3				
-70	0.2	1.1		2.8		7.0		11.0		7.0		2.8		1.1		0.2			
-80		1.1		2.8		7.0		11.0		7.0		2.8		1.1					
-90	0.2	1.1		2.8		7.0		11.0		7.0		2.8		1.1		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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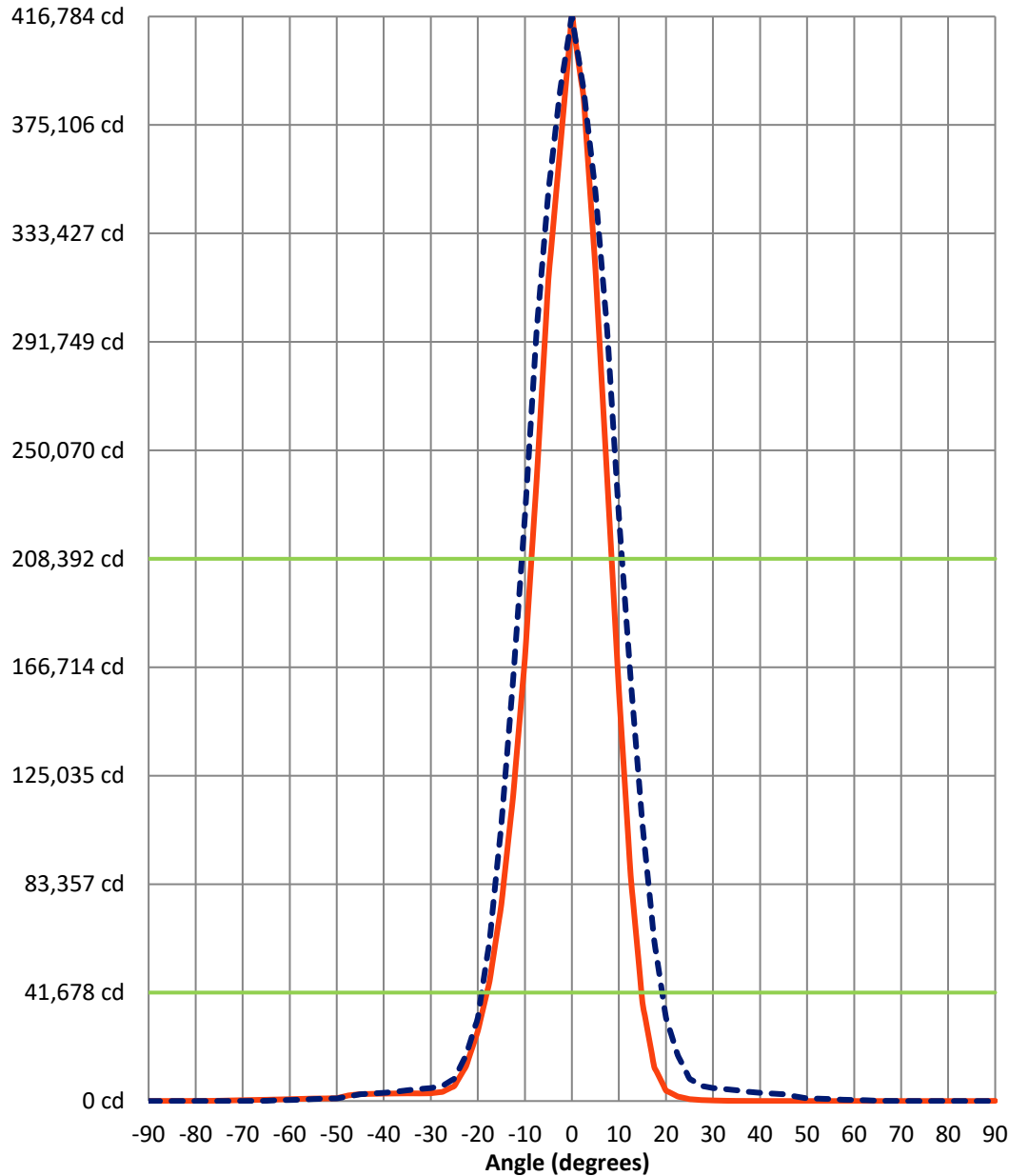
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.3°  
V Angle: 17°  
Lumens: 24601.3  
Efficiency: 43.8%

**Field:**  
H Angle: 38.4°  
V Angle: 32.9°  
Lumens: 47617.6  
Efficiency: 84.7%

**Spill:**  
Lumens: 8598  
Efficiency: 15.3%

— 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°	6.9	6.9	6.9	7.4	7.8	8.3	8.7	9.1	9.6	10.0	10.4
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	6.3	6.1	5.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.6	6.6
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	7.1	7.2	7.0	6.9	6.9	6.9	6.9
70°	6.9	6.9	6.9	6.9	7.3	7.3	7.1	6.9	6.9	6.9	7.0
67.5°	6.9	6.9	6.9	7.1	7.4	7.5	7.1	6.9	6.9	7.2	7.1
65°	6.9	6.9	6.9	7.3	7.6	7.6	7.1	6.9	7.3	7.5	7.3
62.5°	6.9	6.9	6.9	7.5	7.8	7.6	7.2	7.2	7.7	7.8	7.4
60°	6.9	6.9	6.9	7.7	8.0	7.6	7.2	7.7	8.2	7.8	7.4
57.5°	6.9	6.9	7.0	7.8	8.1	7.7	7.7	8.2	8.3	7.9	8.0
55°	6.9	6.9	7.2	8.0	8.1	7.7	8.1	8.7	8.4	8.2	8.7
52.5°	6.9	6.9	7.3	8.2	8.2	7.9	8.5	8.9	8.5	8.8	9.4
50°	6.9	6.9	7.4	8.4	8.2	8.2	9.0	9.1	8.7	9.4	10.9
47.5°	6.9	6.9	7.5	8.6	8.3	8.6	9.4	9.2	9.3	10.1	12.1
45°	6.9	6.9	7.6	8.6	8.3	8.9	9.6	9.5	9.9	10.8	13.1
42.5°	6.9	6.9	7.8	8.7	8.4	9.2	9.8	9.9	10.5	11.4	14.4
40°	6.9	6.9	7.9	8.7	8.5	9.6	10.1	10.5	11.2	11.8	15.7
37.5°	6.9	6.9	8.0	8.8	8.8	9.9	10.4	11.0	12.0	13.1	16.9
35°	6.9	6.9	8.0	8.8	9.0	10.1	10.7	11.5	13.0	14.9	17.5
32.5°	6.9	6.9	8.1	8.9	9.3	10.4	11.1	12.1	14.0	16.8	19.0
30°	6.9	6.9	8.2	9.0	9.5	10.6	11.5	12.7	15.0	18.7	20.8
27.5°	6.9	6.9	8.3	9.0	9.7	10.9	12.0	13.5	16.3	20.6	22.8
25°	6.9	6.9	8.4	9.1	9.9	11.2	12.4	14.4	17.9	22.3	25.2
22.5°	6.9	6.9	8.4	9.3	10.0	11.4	12.8	15.3	19.4	24.2	30.0
20°	6.9	6.9	8.5	9.4	10.1	11.6	13.2	16.2	20.9	26.2	35.3
17.5°	6.9	6.9	8.5	9.5	10.2	11.7	13.5	17.1	22.3	28.3	41.0
15°	6.9	6.9	8.6	9.6	10.3	11.8	13.8	17.9	23.7	30.4	46.9
12.5°	6.9	6.9	8.6	9.8	10.3	11.9	14.1	18.6	25.1	32.6	53.0
10°	6.9	6.9	8.6	9.9	10.4	12.0	14.5	19.2	26.4	36.2	60.3
7.5°	6.9	6.9	8.7	10.0	10.4	12.0	14.8	19.7	27.8	40.2	69.9
5°	6.9	6.9	8.7	10.2	10.4	12.1	15.1	20.1	29.0	44.3	79.4
2.5°	6.9	6.9	8.7	10.3	10.4	12.1	15.4	20.5	30.2	48.3	88.6
0°	6.9	6.9	8.7	10.4	10.4	12.1	15.6	20.8	31.2	52.0	97.1
-2.5°	6.9	6.9	8.8	10.5	10.7	12.5	17.0	24.8	39.3	64.3	112.8
-5°	6.9	7.0	8.8	10.6	11.0	12.8	18.3	28.7	47.0	76.1	127.4
-7.5°	6.9	7.0	8.9	10.7	11.3	13.2	19.4	32.3	54.3	87.1	140.8
-10°	6.9	7.1	8.9	10.8	11.6	13.5	20.5	35.5	60.8	97.1	152.7
-12.5°	6.9	7.1	9.0	10.8	11.9	13.8	21.3	38.1	66.4	105.9	163.0
-15°	6.9	7.1	9.0	10.9	12.1	14.1	22.0	40.2	71.4	113.5	171.5
-17.5°	6.9	7.2	9.0	10.9	12.3	14.4	22.4	42.3	75.9	119.8	178.1
-20°	6.9	7.2	9.1	11.0	12.5	14.6	22.8	44.2	79.3	124.8	182.7



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.9	7.2	9.1	11.0	12.7	14.8	23.4	45.2	81.5	128.3	185.3
-25°	6.9	7.2	9.1	11.0	12.8	15.2	23.5	45.1	82.3	130.4	185.7
-27.5°	6.9	7.3	9.1	11.0	12.9	15.5	23.1	44.0	81.8	131.0	187.3
-30°	6.9	7.3	9.1	11.0	13.0	15.7	22.2	41.7	80.3	130.1	187.1
-32.5°	6.9	7.3	9.1	11.0	13.0	15.7	20.8	40.2	77.6	127.3	184.8
-35°	6.9	7.3	9.0	10.9	13.0	15.7	20.3	38.5	73.3	122.5	180.5
-37.5°	6.9	7.3	9.0	10.9	13.0	15.7	20.3	36.0	67.2	115.7	167.7
-40°	6.9	7.3	9.0	10.8	13.0	15.6	20.1	32.7	59.4	107.3	153.1
-42.5°	6.9	7.3	8.9	10.8	12.9	15.5	19.7	28.6	53.3	93.8	136.8
-45°	6.9	7.4	8.9	10.7	12.8	15.4	19.1	25.5	47.6	78.9	119.3
-47.5°	6.9	7.3	8.8	10.6	12.7	15.2	18.3	24.5	40.8	63.2	101.5
-50°	6.9	7.3	8.8	10.5	12.6	15.0	18.0	23.3	32.2	53.5	82.7
-52.5°	6.9	7.3	8.7	10.4	12.4	14.8	17.6	21.9	28.0	43.3	63.9
-55°	6.9	7.3	8.6	10.3	12.2	14.5	17.2	20.3	25.8	32.6	51.9
-57.5°	6.9	7.3	8.5	10.1	11.9	14.1	16.7	19.7	23.5	28.2	39.4
-60°	6.9	7.3	8.5	9.9	11.7	13.8	16.2	19.0	21.4	25.7	29.8
-62.5°	6.9	7.3	8.4	9.7	11.4	13.4	15.7	18.1	20.4	23.2	27.1
-65°	6.9	7.2	8.3	9.5	11.1	12.9	15.1	17.2	19.2	21.5	24.4
-67.5°	6.9	7.2	8.2	9.3	10.7	12.4	14.4	16.4	18.0	20.0	22.3
-70°	6.9	7.2	8.1	9.1	10.4	11.9	13.7	15.6	17.1	18.5	20.5
-72.5°	6.9	7.2	7.9	8.9	10.0	11.3	12.9	14.7	16.3	17.6	18.8
-75°	6.9	7.1	7.8	8.7	9.6	10.8	12.1	13.8	15.5	16.8	18.0
-77.5°	6.9	7.1	7.7	8.5	9.3	10.1	11.3	12.9	14.4	15.9	17.3
-80°	6.9	7.1	7.5	8.3	9.0	9.7	10.5	11.9	13.3	14.7	16.1
-82.5°	6.9	7.0	7.4	8.0	8.7	9.3	10.0	11.0	12.2	13.5	14.7
-85°	6.9	7.0	7.2	7.8	8.4	9.0	9.6	10.4	11.3	12.3	13.3
-87.5°	6.9	6.9	7.1	7.6	8.1	8.6	9.1	9.8	10.4	11.1	11.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.1	5.6	5.2



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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°	10.4	10.4	10.4	10.4	10.8	11.3	11.7	12.1	12.5	13.0	13.4
87.5°	5.8	5.6	5.4	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9
85°	6.4	6.1	5.7	5.5	5.5	5.4	5.4	5.2	5.0	4.8	4.7
82.5°	6.7	6.5	6.4	6.4	6.3	6.0	5.7	5.2	5.2	5.2	5.2
80°	6.8	6.9	6.9	6.9	6.5	6.1	5.7	5.3	5.2	5.3	5.3
77.5°	6.9	6.9	6.9	6.9	6.6	6.3	6.2	6.1	6.1	6.0	5.7
75°	6.9	6.9	6.9	6.9	6.8	6.8	6.9	6.9	6.7	6.6	6.6
72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	8.3	10.3	11.6
70°	6.9	6.9	6.9	6.9	6.9	7.5	10.1	13.5	16.9	18.9	21.0
67.5°	6.9	6.9	6.9	7.2	9.0	11.9	15.7	23.0	31.3	33.7	33.7
65°	6.9	6.9	7.8	9.5	11.8	17.7	25.6	35.4	42.8	41.6	38.7
62.5°	6.9	7.8	9.4	12.4	17.2	24.5	31.9	39.0	46.4	44.4	37.7
60°	7.6	8.7	12.0	16.9	22.0	27.1	34.3	38.8	42.8	42.9	33.1
57.5°	8.5	10.7	15.5	20.5	24.6	27.9	30.9	34.4	35.6	34.8	25.3
55°	9.9	13.5	18.5	23.1	25.8	24.4	25.8	26.6	26.1	23.8	16.7
52.5°	12.1	16.1	21.0	24.8	24.8	21.8	19.4	19.4	17.7	14.5	12.3
50°	14.0	18.5	23.4	25.4	23.6	18.7	14.6	14.2	13.0	11.6	10.4
47.5°	15.9	20.8	25.2	25.8	21.1	17.2	13.5	12.3	11.6	11.3	10.8
45°	17.7	22.2	26.7	23.9	19.9	17.0	14.5	12.1	12.4	12.3	11.7
42.5°	19.3	23.2	25.2	22.3	20.3	18.4	16.5	14.8	13.9	14.1	14.1
40°	20.0	23.7	24.0	23.4	21.6	20.9	20.6	19.3	16.4	17.7	18.1
37.5°	20.2	23.4	24.6	26.5	24.4	25.1	25.9	26.2	24.2	22.9	26.4
35°	20.2	23.9	28.8	31.5	30.2	30.8	33.9	35.1	34.3	33.7	40.1
32.5°	20.7	25.1	34.5	37.8	39.9	40.9	43.5	45.9	48.3	52.2	64.1
30°	23.1	30.5	41.3	45.0	51.8	59.3	57.3	58.6	65.0	88.5	108.9
27.5°	28.1	37.9	48.2	55.7	66.9	82.8	85.2	78.3	98.8	134.7	168.2
25°	34.2	61.0	55.7	68.7	90.0	111.2	121.0	125.7	149.8	198.2	235.9
22.5°	47.0	91.9	89.7	82.9	116.5	144.3	168.6	217.0	285.1	300.3	308.4
20°	69.5	122.5	131.2	138.1	156.4	181.5	223.6	339.5	484.3	537.6	482.2
17.5°	96.3	156.0	177.6	209.3	250.8	258.8	293.6	485.5	734.7	821.6	838.4
15°	126.3	191.9	226.9	289.1	352.1	382.1	483.3	721.8	1008.6	1150.6	1249.1
12.5°	158.6	229.5	278.4	375.3	458.6	506.1	722.1	1085.6	1360.9	1526.8	1786.5
10°	192.0	268.3	331.2	465.9	568.9	630.0	985.8	1461.3	1738.8	1927.4	2261.5
7.5°	226.8	305.6	383.6	558.4	681.1	753.3	1263.4	1840.4	2106.7	2312.3	2648.9
5°	260.1	340.0	430.4	636.3	774.2	860.0	1520.7	2212.4	2464.1	2682.1	2983.5
2.5°	290.6	372.9	475.6	707.9	852.3	940.5	1667.2	2424.9	2691.9	2951.4	3281.6
0°	<b>317.3</b>	<b>404.0</b>	<b>518.5</b>	<b>773.4</b>	<b>926.0</b>	<b>1017.9</b>	<b>1786.1</b>	<b>2609.8</b>	<b>2885.5</b>	<b>3168.1</b>	<b>3563.5</b>
-2.5°	321.3	413.4	531.8	767.4	912.3	1006.0	1755.0	2581.3	2916.5	3246.3	3659.1
-5°	321.0	420.3	541.5	755.3	894.4	990.5	1693.9	2516.1	2905.3	3232.3	3619.8
-7.5°	317.3	424.5	547.5	737.6	866.8	955.8	1576.5	2355.9	2763.9	3052.1	3424.4
-10°	311.0	423.0	539.2	707.3	827.6	908.9	1426.5	2166.8	2615.3	2868.0	3199.1
-12.5°	302.9	417.0	526.3	674.9	789.3	861.0	1252.5	1952.4	2463.1	2685.2	2956.1
-15°	293.6	409.4	511.1	641.8	753.3	812.6	1056.5	1716.0	2312.9	2543.5	2755.6
-17.5°	283.6	400.5	493.9	608.9	721.0	764.4	844.9	1458.2	2099.1	2389.3	2604.2
-20°	273.8	390.5	474.9	577.3	690.5	732.7	784.9	1210.2	1788.0	2211.2	2438.7



REPORT NUMBER: P1305719 (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°	264.5	379.5	457.1	551.4	656.1	715.4	755.6	967.9	1459.7	2012.1	2261.8
-25°	260.9	363.4	442.2	527.4	623.4	699.4	728.5	764.1	1160.6	1689.9	2082.7
-27.5°	260.1	349.8	425.7	501.4	590.9	678.6	709.1	735.3	937.3	1366.4	1875.5
-30°	256.7	331.4	407.3	475.7	559.7	641.9	694.0	723.0	768.4	1099.9	1523.7
-32.5°	245.4	311.8	385.7	453.6	527.4	606.7	681.6	717.1	754.4	845.6	1200.7
-35°	230.7	293.9	362.5	429.6	494.3	572.3	649.2	712.5	740.5	782.9	930.9
-37.5°	217.0	274.2	338.8	403.8	466.3	536.8	614.7	685.5	734.5	767.4	820.3
-40°	201.5	252.6	314.9	377.3	437.3	501.5	573.7	646.9	713.2	769.7	810.4
-42.5°	184.1	233.5	289.5	349.7	406.2	466.8	530.8	601.7	676.8	754.3	811.9
-45°	164.4	212.4	262.8	317.6	372.3	429.2	489.7	553.4	629.6	708.5	785.4
-47.5°	143.0	189.1	237.0	283.3	335.2	388.9	445.5	507.7	575.0	649.9	728.8
-50°	120.5	163.4	208.1	250.8	295.8	345.8	398.0	457.6	520.4	585.9	656.8
-52.5°	98.5	135.9	177.2	218.3	258.2	300.9	349.8	403.4	461.2	521.8	581.0
-55°	75.4	109.4	144.9	183.7	222.2	259.1	300.0	348.1	397.7	452.6	505.1
-57.5°	57.8	82.6	114.0	147.2	183.5	219.8	256.4	292.8	336.3	382.0	425.2
-60°	43.3	60.5	83.9	112.8	142.7	176.8	212.8	247.2	280.5	312.0	349.3
-62.5°	30.6	44.0	59.7	79.3	105.6	132.8	163.8	196.7	230.4	257.7	282.7
-65°	27.8	30.8	41.4	55.5	69.6	93.4	118.1	142.6	171.3	197.7	222.4
-67.5°	24.9	27.7	30.4	35.3	48.0	61.6	75.4	97.0	118.4	137.4	156.1
-70°	22.6	24.6	26.9	29.3	32.0	37.7	49.7	61.7	73.8	87.7	104.2
-72.5°	20.5	22.5	24.2	25.7	28.0	30.7	33.6	36.6	43.6	53.2	63.1
-75°	19.1	20.4	22.2	23.7	25.0	26.6	28.5	31.0	33.4	35.4	37.3
-77.5°	18.0	18.9	20.1	21.5	22.6	23.5	24.6	26.0	27.7	29.6	31.5
-80°	16.8	17.3	17.9	18.7	19.5	20.2	20.9	21.6	22.5	23.8	25.1
-82.5°	15.2	15.6	16.0	16.3	16.6	17.0	17.4	17.9	18.5	19.1	19.8
-85°	13.6	13.9	14.2	14.4	14.3	14.2	14.2	14.3	14.6	14.9	15.1
-87.5°	12.0	12.1	12.3	12.4	12.4	12.4	12.3	12.1	12.2	12.3	12.4
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.9	13.9	13.9	13.9	13.9	18.6	23.4	28.1	32.9	41.1	49.4
87.5°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.7	1.7
85°	4.6	4.4	4.1	3.8	3.5	3.4	3.4	3.4	3.4	3.0	2.6
82.5°	5.2	4.8	4.4	4.0	3.5	3.2	2.8	2.4	1.9	1.8	1.7
80°	5.2	4.8	4.4	4.0	3.6	3.4	3.3	3.3	3.3	3.3	3.4
77.5°	5.4	5.2	4.8	4.2	3.6	3.5	3.5	3.5	3.5	3.2	2.7
75°	6.7	6.6	6.5	6.0	5.3	5.0	4.7	4.2	3.6	3.4	3.4
72.5°	12.3	12.2	11.6	10.9	9.6	8.7	8.4	8.1	7.7	7.5	7.4
70°	21.8	21.4	20.2	17.8	14.5	12.3	11.4	10.3	9.1	8.6	8.6
67.5°	30.7	27.3	24.1	20.6	16.5	13.4	11.8	10.1	8.2	7.3	7.2
65°	34.0	27.2	22.5	18.8	15.8	12.9	10.7	8.6	6.7	5.8	6.0
62.5°	30.6	22.5	17.6	14.3	11.9	10.1	8.3	6.9	5.8	5.2	5.3
60°	24.3	16.4	12.1	10.1	8.4	7.0	6.2	5.4	4.6	4.1	4.3
57.5°	17.5	11.8	8.6	7.9	6.9	5.7	5.0	4.7	4.6	4.6	4.9
55°	11.9	9.8	8.7	7.8	6.8	5.8	5.2	5.2	5.2	5.2	5.2
52.5°	9.9	9.3	8.9	8.1	7.1	6.1	5.2	5.2	5.2	5.2	5.2
50°	10.0	9.5	9.0	8.4	7.4	6.4	5.3	5.4	5.8	6.1	6.2
47.5°	10.1	9.7	9.4	8.8	7.9	7.5	6.9	7.0	7.7	8.0	7.9
45°	10.6	10.7	10.6	10.5	9.7	9.9	10.0	10.1	12.3	12.2	10.8
42.5°	13.0	13.8	14.6	15.1	13.0	16.9	22.8	25.5	22.4	18.1	15.3
40°	19.6	20.5	24.6	26.6	32.7	38.5	33.2	26.9	24.1	26.2	27.8
37.5°	31.2	37.0	45.1	54.5	50.7	40.3	40.6	40.5	39.5	42.9	42.8
35°	52.2	65.4	73.5	71.8	66.4	63.4	66.2	69.2	62.5	68.4	70.0
32.5°	84.0	99.9	102.1	96.6	96.9	102.1	111.7	110.3	112.4	119.2	127.1
30°	121.3	140.2	147.4	137.5	130.4	142.9	148.3	153.0	168.4	188.5	206.5
27.5°	182.6	196.4	208.9	198.5	177.8	193.3	204.2	201.0	243.4	266.0	316.6
25°	259.5	279.1	286.2	290.0	283.0	280.1	307.5	321.6	380.1	442.1	547.4
22.5°	354.4	407.7	422.7	403.0	425.2	440.8	459.3	522.0	639.0	829.2	1100.9
20°	474.8	583.5	671.1	657.0	604.8	671.5	746.9	944.3	1286.2	2054.9	2683.9
17.5°	855.9	857.8	1032.7	1103.1	1017.2	1161.8	1532.2	2174.6	3587.6	6180.4	7861.4
15°	1444.8	1483.7	1564.2	1658.4	1813.2	2190.9	2937.3	5629.1	9682.8	15291.5	21046.7
12.5°	2069.1	2157.0	2294.7	2371.8	2687.5	3698.5	6899.8	12794.1	21350.7	32148.1	50059.1
10°	2605.6	2839.6	3017.0	3258.2	4072.6	6447.0	11971.3	22156.0	39404.1	62699.1	90231.0
7.5°	2985.0	3327.4	3627.5	4080.9	5772.1	10558.5	19823.8	36767.2	62819.5	95716.7	133669.3
5°	3366.5	3799.8	4136.3	4733.9	6857.5	13642.5	25972.2	50457.7	88076.7	132860.2	183617.9
2.5°	3754.1	4241.3	4611.9	5351.4	7551.9	15206.2	29091.5	58628.1	104777.9	159307.2	220931.0
0°	4144.4	4605.7	4995.8	5831.6	8630.4	17666.6	32029.8	61746.3	106334.1	161995.6	224546.4
-2.5°	4126.4	4431.0	4788.2	5435.9	7872.4	16263.0	29770.5	58354.4	100662.8	152291.6	209015.9
-5°	3969.5	4183.4	4466.5	5038.9	7042.8	13555.9	25747.7	49881.9	88907.7	136208.7	185102.0
-7.5°	3725.7	3905.2	4116.8	4589.3	6086.7	10789.3	20827.0	40007.8	70528.4	104797.5	142289.6
-10°	3491.9	3630.3	3780.7	4108.2	5070.3	7907.7	14775.2	27109.4	49095.6	74732.5	103264.4
-12.5°	3276.4	3386.8	3466.7	3605.1	4084.5	5727.7	10623.3	19443.7	32074.4	47955.1	69003.0
-15°	3056.8	3150.4	3191.7	3302.8	3616.3	4429.6	6403.1	11951.5	20050.6	30306.1	40978.4
-17.5°	2821.0	2932.3	2994.4	3065.8	3202.4	3539.3	4628.2	6961.2	11857.7	18742.7	25616.4
-20°	2627.1	2758.1	2811.4	2861.0	2986.9	3184.8	3495.7	4544.8	6333.3	10621.3	14895.6



REPORT NUMBER: P1305719 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2439.8	2557.9	2627.2	2733.7	2896.5	3033.5	3135.4	3385.3	4128.2	5298.2	7387.1
-25°	2269.4	2371.6	2508.5	2712.9	2872.4	2970.2	2989.5	3000.1	3211.9	3444.1	4149.4
-27.5°	2097.9	2242.7	2446.5	2677.1	2866.6	2914.3	2916.8	2913.2	2963.7	2998.9	3174.4
-30°	1945.1	2134.7	2327.1	2573.3	2757.7	2835.3	2868.2	2890.8	2916.8	2948.9	2960.6
-32.5°	1633.6	2021.2	2176.9	2374.1	2606.4	2729.2	2790.9	2843.6	2872.3	2900.3	2922.4
-35°	1291.5	1700.4	2072.2	2199.6	2364.5	2572.4	2727.3	2790.3	2843.3	2873.3	2901.3
-37.5°	971.4	1321.9	1683.3	2022.0	2190.4	2337.4	2535.3	2689.5	2786.8	2825.3	2858.9
-40°	856.0	947.0	1266.2	1576.9	1873.5	2153.7	2318.2	2504.5	2653.3	2728.7	2787.0
-42.5°	851.6	885.0	917.6	1135.7	1411.3	1681.4	1936.8	2175.8	2396.5	2546.6	2657.8
-45°	850.6	874.5	901.7	934.2	967.1	1178.0	1414.0	1651.3	1893.4	2120.6	2324.2
-47.5°	795.3	854.6	887.2	913.2	935.0	963.0	994.7	1054.7	1251.8	1450.4	1649.5
-50°	719.4	778.8	833.0	884.9	911.3	929.4	946.8	966.5	991.3	1016.4	1041.9
-52.5°	634.6	690.9	746.1	795.7	838.3	879.4	918.4	936.3	949.4	961.6	972.0
-55°	555.3	603.7	650.5	694.5	736.9	777.0	813.5	844.7	873.6	899.9	920.5
-57.5°	471.3	517.2	560.8	597.7	633.1	666.6	698.8	728.9	756.0	779.9	800.0
-60°	386.9	424.7	462.9	498.1	531.7	563.4	590.2	614.8	637.4	658.1	677.0
-62.5°	307.5	337.0	369.3	398.8	425.4	451.3	479.8	504.4	525.3	543.6	560.6
-65°	245.2	266.3	289.5	311.8	333.4	357.9	384.9	408.4	428.7	445.7	460.3
-67.5°	177.2	197.7	219.9	240.1	258.8	279.3	304.1	327.4	349.3	367.0	381.1
-70°	119.3	133.9	150.6	168.7	186.8	206.1	227.7	248.8	269.1	285.4	298.8
-72.5°	73.2	82.8	92.4	104.4	116.9	131.8	148.4	165.2	182.0	195.8	207.5
-75°	39.0	42.3	49.5	56.4	62.9	71.1	79.6	87.6	94.9	101.6	107.8
-77.5°	33.3	34.7	35.9	37.1	38.2	41.5	45.6	49.9	54.3	58.8	63.4
-80°	26.5	27.6	28.6	29.7	30.7	33.3	36.1	38.8	41.5	44.6	47.6
-82.5°	20.5	21.0	21.5	21.9	22.3	24.2	26.2	28.2	30.2	32.7	35.1
-85°	15.4	15.7	15.9	16.1	16.3	17.8	19.3	20.8	22.2	24.9	27.5
-87.5°	12.4	12.4	12.3	12.3	12.3	14.2	16.1	17.8	19.6	21.7	23.8
-90°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.3	0.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	57.6	65.9	70.2	74.6	70.2	65.9	57.6	49.4	41.1	32.9	28.1
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.4
80°	3.4	3.5	2.6	1.7	2.6	3.5	3.4	3.4	3.3	3.3	3.3
77.5°	2.2	1.8	2.6	3.5	2.6	1.8	2.2	2.7	3.2	3.5	3.5
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	4.2
72.5°	7.2	6.8	6.9	6.9	6.9	6.8	7.2	7.4	7.5	7.7	8.1
70°	8.6	8.6	8.7	8.7	8.7	8.6	8.6	8.6	8.6	9.1	10.3
67.5°	7.0	7.0	6.1	5.2	6.1	7.0	7.0	7.2	7.3	8.2	10.1
65°	6.4	6.8	6.1	5.2	6.1	6.8	6.4	6.0	5.8	6.7	8.6
62.5°	5.3	5.3	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.8	6.9
60°	4.7	5.1	5.2	5.2	5.2	5.1	4.7	4.3	4.1	4.6	5.4
57.5°	5.1	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.6	4.6	4.7
55°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
52.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
50°	5.9	5.4	5.2	5.2	5.2	5.4	5.9	6.2	6.1	5.8	5.4
47.5°	7.5	7.1	6.9	6.9	6.9	7.1	7.5	7.9	8.0	7.7	7.0
45°	10.7	10.4	10.3	10.4	10.3	10.4	10.7	10.8	12.2	12.3	10.1
42.5°	15.5	15.5	15.5	15.6	15.5	15.5	15.5	15.3	18.1	22.4	25.5
40°	29.2	29.4	28.7	27.7	28.7	29.4	29.2	27.8	26.2	24.1	26.9
37.5°	42.7	43.0	43.0	43.4	43.0	43.0	42.7	42.8	42.9	39.5	40.5
35°	69.1	67.3	63.6	64.2	63.6	67.3	69.1	70.0	68.4	62.5	69.2
32.5°	132.1	130.3	123.1	128.3	123.1	130.3	132.1	127.1	119.2	112.4	110.3
30°	222.4	231.2	235.0	234.1	235.0	231.2	222.4	206.5	188.5	168.4	153.0
27.5°	342.5	362.0	374.3	381.5	374.3	362.0	342.5	316.6	266.0	243.4	201.0
25°	623.1	671.4	698.8	735.2	698.8	671.4	623.1	547.4	442.1	380.1	321.6
22.5°	1393.3	1568.2	1679.4	1758.3	1679.4	1568.2	1393.3	1100.9	829.2	639.0	522.0
20°	3615.0	3600.6	3890.5	4047.3	3890.5	3600.6	3615.0	2683.9	2054.9	1286.2	944.3
17.5°	11315.9	13114.3	13570.6	13180.6	13570.6	13114.3	11315.9	7861.4	6180.4	3587.6	2174.6
15°	29087.0	35093.9	37877.6	37838.8	37877.6	35093.9	29087.0	21046.7	15291.5	9682.8	5629.1
12.5°	62722.0	74323.3	81898.3	86480.8	81898.3	74323.3	62722.0	50059.1	32148.1	21350.7	12794.1
10°	113826.1	133699.8	149547.7	157509.5	149547.7	133699.8	113826.1	90231.0	62699.1	39404.1	22156.0
7.5°	168687.8	200843.9	227996.0	239266.9	227996.0	200843.9	168687.8	133669.3	95716.7	62819.5	36767.2
5°	232244.3	283409.7	308821.9	319772.1	308821.9	283409.7	232244.3	183617.9	132860.2	88076.7	50457.7
2.5°	285416.3	336435.2	371954.1	385453.0	371954.1	336435.2	285416.3	220931.0	159307.2	104777.9	58628.1
0°	296059.8	349395.0	388486.7	416783.9	388486.7	349395.0	296059.8	224546.4	161995.6	106334.1	61746.3
-2.5°	273453.7	325567.1	354130.8	366098.3	354130.8	325567.1	273453.7	209015.9	152291.6	100662.8	58354.4
-5°	237723.1	283976.3	310384.5	315688.4	310384.5	283976.3	237723.1	185102.0	136208.7	88907.7	49881.9
-7.5°	181663.2	213681.4	234510.7	238715.4	234510.7	213681.4	181663.2	142289.6	104797.5	70528.4	40007.8
-10°	132113.3	155198.5	168574.9	170022.5	168574.9	155198.5	132113.3	103264.4	74732.5	49095.6	27109.4
-12.5°	88271.8	106360.4	115820.9	117188.4	115820.9	106360.4	88271.8	69003.0	47955.1	32074.4	19443.7
-15°	55315.2	67081.0	74029.3	75535.5	74029.3	67081.0	55315.2	40978.4	30306.1	20050.6	11951.5
-17.5°	34082.5	40034.0	43678.5	46087.7	43678.5	40034.0	34082.5	25616.4	18742.7	11857.7	6961.2
-20°	19928.6	23788.0	25953.7	26938.6	25953.7	23788.0	19928.6	14895.6	10621.3	6333.3	4544.8



REPORT NUMBER: P1305719 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10005.0	11909.0	13205.9	13402.5	13205.9	11909.0	10005.0	7387.1	5298.2	4128.2	3385.3
-25°	4852.3	5382.6	5746.5	5767.5	5746.5	5382.6	4852.3	4149.4	3444.1	3211.9	3000.1
-27.5°	3317.9	3428.2	3499.6	3540.9	3499.6	3428.2	3317.9	3174.4	2998.9	2963.7	2913.2
-30°	2972.8	2989.3	2999.4	2986.0	2999.4	2989.3	2972.8	2960.6	2948.9	2916.8	2890.8
-32.5°	2929.8	2937.6	2942.9	2934.0	2942.9	2937.6	2929.8	2922.4	2900.3	2872.3	2843.6
-35°	2926.5	2947.9	2964.5	2960.0	2964.5	2947.9	2926.5	2901.3	2873.3	2843.3	2790.3
-37.5°	2883.5	2902.3	2914.9	2914.9	2914.9	2902.3	2883.5	2858.9	2825.3	2786.8	2689.5
-40°	2819.7	2845.4	2861.4	2861.2	2861.4	2845.4	2819.7	2787.0	2728.7	2653.3	2504.5
-42.5°	2710.8	2746.9	2763.9	2762.4	2763.9	2746.9	2710.8	2657.8	2546.6	2396.5	2175.8
-45°	2477.1	2593.3	2655.5	2661.8	2655.5	2593.3	2477.1	2324.2	2120.6	1893.4	1651.3
-47.5°	1845.8	2024.6	2134.4	2158.9	2134.4	2024.6	1845.8	1649.5	1450.4	1251.8	1054.7
-50°	1067.4	1091.3	1101.4	1097.7	1101.4	1091.3	1067.4	1041.9	1016.4	991.3	966.5
-52.5°	982.1	991.7	999.0	1004.0	999.0	991.7	982.1	972.0	961.6	949.4	936.3
-55°	937.2	950.2	958.4	962.4	958.4	950.2	937.2	920.5	899.9	873.6	844.7
-57.5°	816.4	829.3	836.5	839.3	836.5	829.3	816.4	800.0	779.9	756.0	728.9
-60°	692.7	705.3	712.7	716.2	712.7	705.3	692.7	677.0	658.1	637.4	614.8
-62.5°	575.1	586.9	594.1	598.2	594.1	586.9	575.1	560.6	543.6	525.3	504.4
-65°	473.2	484.4	490.5	494.2	490.5	484.4	473.2	460.3	445.7	428.7	408.4
-67.5°	393.8	405.1	412.4	417.9	412.4	405.1	393.8	381.1	367.0	349.3	327.4
-70°	311.1	322.1	326.1	327.7	326.1	322.1	311.1	298.8	285.4	269.1	248.8
-72.5°	217.9	227.1	233.2	237.6	233.2	227.1	217.9	207.5	195.8	182.0	165.2
-75°	113.3	118.3	121.9	124.9	121.9	118.3	113.3	107.8	101.6	94.9	87.6
-77.5°	67.9	72.2	74.4	76.3	74.4	72.2	67.9	63.4	58.8	54.3	49.9
-80°	50.6	53.5	54.6	55.5	54.6	53.5	50.6	47.6	44.6	41.5	38.8
-82.5°	37.5	39.8	40.7	41.6	40.7	39.8	37.5	35.1	32.7	30.2	28.2
-85°	30.2	32.8	33.8	34.7	33.8	32.8	30.2	27.5	24.9	22.2	20.8
-87.5°	25.8	27.8	29.5	31.2	29.5	27.8	25.8	23.8	21.7	19.6	17.8
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	23.4	18.6	13.9	13.9	13.9	13.9	13.9	13.4	13.0	12.5	12.1
87.5°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	3.9	4.4	4.8	5.2
85°	3.4	3.4	3.5	3.8	4.1	4.4	4.6	4.7	4.8	5.0	5.2
82.5°	2.8	3.2	3.5	4.0	4.4	4.8	5.2	5.2	5.2	5.2	5.2
80°	3.3	3.4	3.6	4.0	4.4	4.8	5.2	5.3	5.3	5.2	5.3
77.5°	3.5	3.5	3.6	4.2	4.8	5.2	5.4	5.7	6.0	6.1	6.1
75°	4.7	5.0	5.3	6.0	6.5	6.6	6.7	6.6	6.6	6.7	6.9
72.5°	8.4	8.7	9.6	10.9	11.6	12.2	12.3	11.6	10.3	8.3	6.9
70°	11.4	12.3	14.5	17.8	20.2	21.4	21.8	21.0	18.9	16.9	13.5
67.5°	11.8	13.4	16.5	20.6	24.1	27.3	30.7	33.7	33.7	31.3	23.0
65°	10.7	12.9	15.8	18.8	22.5	27.2	34.0	38.7	41.6	42.8	35.4
62.5°	8.3	10.1	11.9	14.3	17.6	22.5	30.6	37.7	44.4	46.4	39.0
60°	6.2	7.0	8.4	10.1	12.1	16.4	24.3	33.1	42.9	42.8	38.8
57.5°	5.0	5.7	6.9	7.9	8.6	11.8	17.5	25.3	34.8	35.6	34.4
55°	5.2	5.8	6.8	7.8	8.7	9.8	11.9	16.7	23.8	26.1	26.6
52.5°	5.2	6.1	7.1	8.1	8.9	9.3	9.9	12.3	14.5	17.7	19.4
50°	5.3	6.4	7.4	8.4	9.0	9.5	10.0	10.4	11.6	13.0	14.2
47.5°	6.9	7.5	7.9	8.8	9.4	9.7	10.1	10.8	11.3	11.6	12.3
45°	10.0	9.9	9.7	10.5	10.6	10.7	10.6	11.7	12.3	12.4	12.1
42.5°	22.8	16.9	13.0	15.1	14.6	13.8	13.0	14.1	14.1	13.9	14.8
40°	33.2	38.5	32.7	26.6	24.6	20.5	19.6	18.1	17.7	16.4	19.3
37.5°	40.6	40.3	50.7	54.5	45.1	37.0	31.2	26.4	22.9	24.2	26.2
35°	66.2	63.4	66.4	71.8	73.5	65.4	52.2	40.1	33.7	34.3	35.1
32.5°	111.7	102.1	96.9	96.6	102.1	99.9	84.0	64.1	52.2	48.3	45.9
30°	148.3	142.9	130.4	137.5	147.4	140.2	121.3	108.9	88.5	65.0	58.6
27.5°	204.2	193.3	177.8	198.5	208.9	196.4	182.6	168.2	134.7	98.8	78.3
25°	307.5	280.1	283.0	290.0	286.2	279.1	259.5	235.9	198.2	149.8	125.7
22.5°	459.3	440.8	425.2	403.0	422.7	407.7	354.4	308.4	300.3	285.1	217.0
20°	746.9	671.5	604.8	657.0	671.1	583.5	474.8	482.2	537.6	484.3	339.5
17.5°	1532.2	1161.8	1017.2	1103.1	1032.7	857.8	855.9	838.4	821.6	734.7	485.5
15°	2937.3	2190.9	1813.2	1658.4	1564.2	1483.7	1444.8	1249.1	1150.6	1008.6	721.8
12.5°	6899.8	3698.5	2687.5	2371.8	2294.7	2157.0	2069.1	1786.5	1526.8	1360.9	1085.6
10°	11971.3	6447.0	4072.6	3258.2	3017.0	2839.6	2605.6	2261.5	1927.4	1738.8	1461.3
7.5°	19823.8	10558.5	5772.1	4080.9	3627.5	3327.4	2985.0	2648.9	2312.3	2106.7	1840.4
5°	25972.2	13642.5	6857.5	4733.9	4136.3	3799.8	3366.5	2983.5	2682.1	2464.1	2212.4
2.5°	29091.5	15206.2	7551.9	5351.4	4611.9	4241.3	3754.1	3281.6	2951.4	2691.9	2424.9
0°	<b>32029.8</b>	<b>17666.6</b>	<b>8630.4</b>	<b>5831.6</b>	<b>4995.8</b>	<b>4605.7</b>	<b>4144.4</b>	<b>3563.5</b>	<b>3168.1</b>	<b>2885.5</b>	<b>2609.8</b>
-2.5°	29770.5	16263.0	7872.4	5435.9	4788.2	4431.0	4126.4	3659.1	3246.3	2916.5	2581.3
-5°	25747.7	13555.9	7042.8	5038.9	4466.5	4183.4	3969.5	3619.8	3232.3	2905.3	2516.1
-7.5°	20827.0	10789.3	6086.7	4589.3	4116.8	3905.2	3725.7	3424.4	3052.1	2763.9	2355.9
-10°	14775.2	7907.7	5070.3	4108.2	3780.7	3630.3	3491.9	3199.1	2868.0	2615.3	2166.8
-12.5°	10623.3	5727.7	4084.5	3605.1	3466.7	3386.8	3276.4	2956.1	2685.2	2463.1	1952.4
-15°	6403.1	4429.6	3616.3	3302.8	3191.7	3150.4	3056.8	2755.6	2543.5	2312.9	1716.0
-17.5°	4628.2	3539.3	3202.4	3065.8	2994.4	2932.3	2821.0	2604.2	2389.3	2099.1	1458.2
-20°	3495.7	3184.8	2986.9	2861.0	2811.4	2758.1	2627.1	2438.7	2211.2	1788.0	1210.2



REPORT NUMBER: P1305719 (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°	3135.4	3033.5	2896.5	2733.7	2627.2	2557.9	2439.8	2261.8	2012.1	1459.7	967.9
-25°	2989.5	2970.2	2872.4	2712.9	2508.5	2371.6	2269.4	2082.7	1689.9	1160.6	764.1
-27.5°	2916.8	2914.3	2866.6	2677.1	2446.5	2242.7	2097.9	1875.5	1366.4	937.3	735.3
-30°	2868.2	2835.3	2757.7	2573.3	2327.1	2134.7	1945.1	1523.7	1099.9	768.4	723.0
-32.5°	2790.9	2729.2	2606.4	2374.1	2176.9	2021.2	1633.6	1200.7	845.6	754.4	717.1
-35°	2727.3	2572.4	2364.5	2199.6	2072.2	1700.4	1291.5	930.9	782.9	740.5	712.5
-37.5°	2535.3	2337.4	2190.4	2022.0	1683.3	1321.9	971.4	820.3	767.4	734.5	685.5
-40°	2318.2	2153.7	1873.5	1576.9	1266.2	947.0	856.0	810.4	769.7	713.2	646.9
-42.5°	1936.8	1681.4	1411.3	1135.7	917.6	885.0	851.6	811.9	754.3	676.8	601.7
-45°	1414.0	1178.0	967.1	934.2	901.7	874.5	850.6	785.4	708.5	629.6	553.4
-47.5°	994.7	963.0	935.0	913.2	887.2	854.6	795.3	728.8	649.9	575.0	507.7
-50°	946.8	929.4	911.3	884.9	833.0	778.8	719.4	656.8	585.9	520.4	457.6
-52.5°	918.4	879.4	838.3	795.7	746.1	690.9	634.6	581.0	521.8	461.2	403.4
-55°	813.5	777.0	736.9	694.5	650.5	603.7	555.3	505.1	452.6	397.7	348.1
-57.5°	698.8	666.6	633.1	597.7	560.8	517.2	471.3	425.2	382.0	336.3	292.8
-60°	590.2	563.4	531.7	498.1	462.9	424.7	386.9	349.3	312.0	280.5	247.2
-62.5°	479.8	451.3	425.4	398.8	369.3	337.0	307.5	282.7	257.7	230.4	196.7
-65°	384.9	357.9	333.4	311.8	289.5	266.3	245.2	222.4	197.7	171.3	142.6
-67.5°	304.1	279.3	258.8	240.1	219.9	197.7	177.2	156.1	137.4	118.4	97.0
-70°	227.7	206.1	186.8	168.7	150.6	133.9	119.3	104.2	87.7	73.8	61.7
-72.5°	148.4	131.8	116.9	104.4	92.4	82.8	73.2	63.1	53.2	43.6	36.6
-75°	79.6	71.1	62.9	56.4	49.5	42.3	39.0	37.3	35.4	33.4	31.0
-77.5°	45.6	41.5	38.2	37.1	35.9	34.7	33.3	31.5	29.6	27.7	26.0
-80°	36.1	33.3	30.7	29.7	28.6	27.6	26.5	25.1	23.8	22.5	21.6
-82.5°	26.2	24.2	22.3	21.9	21.5	21.0	20.5	19.8	19.1	18.5	17.9
-85°	19.3	17.8	16.3	16.1	15.9	15.7	15.4	15.1	14.9	14.6	14.3
-87.5°	16.1	14.2	12.3	12.3	12.3	12.4	12.4	12.4	12.3	12.2	12.1
-90°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	3.9	4.4	4.8	5.2



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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°	11.7	11.3	10.8	10.4	10.4	10.4	10.4	10.4	10.0	9.6	9.1
87.5°	5.2	5.2	5.2	5.2	5.4	5.6	5.8	5.9	6.1	6.3	6.6
85°	5.4	5.4	5.5	5.5	5.7	6.1	6.4	6.6	6.6	6.6	6.7
82.5°	5.7	6.0	6.3	6.4	6.4	6.5	6.7	6.9	6.9	6.9	6.9
80°	5.7	6.1	6.5	6.9	6.9	6.9	6.8	6.9	6.9	6.9	6.9
77.5°	6.2	6.3	6.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	10.1	7.5	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	6.9
67.5°	15.7	11.9	9.0	7.2	6.9	6.9	6.9	7.1	7.2	6.9	6.9
65°	25.6	17.7	11.8	9.5	7.8	6.9	6.9	7.3	7.5	7.3	6.9
62.5°	31.9	24.5	17.2	12.4	9.4	7.8	6.9	7.4	7.8	7.7	7.2
60°	34.3	27.1	22.0	16.9	12.0	8.7	7.6	7.4	7.8	8.2	7.7
57.5°	30.9	27.9	24.6	20.5	15.5	10.7	8.5	8.0	7.9	8.3	8.2
55°	25.8	24.4	25.8	23.1	18.5	13.5	9.9	8.7	8.2	8.4	8.7
52.5°	19.4	21.8	24.8	24.8	21.0	16.1	12.1	9.4	8.8	8.5	8.9
50°	14.6	18.7	23.6	25.4	23.4	18.5	14.0	10.9	9.4	8.7	9.1
47.5°	13.5	17.2	21.1	25.8	25.2	20.8	15.9	12.1	10.1	9.3	9.2
45°	14.5	17.0	19.9	23.9	26.7	22.2	17.7	13.1	10.8	9.9	9.5
42.5°	16.5	18.4	20.3	22.3	25.2	23.2	19.3	14.4	11.4	10.5	9.9
40°	20.6	20.9	21.6	23.4	24.0	23.7	20.0	15.7	11.8	11.2	10.5
37.5°	25.9	25.1	24.4	26.5	24.6	23.4	20.2	16.9	13.1	12.0	11.0
35°	33.9	30.8	30.2	31.5	28.8	23.9	20.2	17.5	14.9	13.0	11.5
32.5°	43.5	40.9	39.9	37.8	34.5	25.1	20.7	19.0	16.8	14.0	12.1
30°	57.3	59.3	51.8	45.0	41.3	30.5	23.1	20.8	18.7	15.0	12.7
27.5°	85.2	82.8	66.9	55.7	48.2	37.9	28.1	22.8	20.6	16.3	13.5
25°	121.0	111.2	90.0	68.7	55.7	61.0	34.2	25.2	22.3	17.9	14.4
22.5°	168.6	144.3	116.5	82.9	89.7	91.9	47.0	30.0	24.2	19.4	15.3
20°	223.6	181.5	156.4	138.1	131.2	122.5	69.5	35.3	26.2	20.9	16.2
17.5°	293.6	258.8	250.8	209.3	177.6	156.0	96.3	41.0	28.3	22.3	17.1
15°	483.3	382.1	352.1	289.1	226.9	191.9	126.3	46.9	30.4	23.7	17.9
12.5°	722.1	506.1	458.6	375.3	278.4	229.5	158.6	53.0	32.6	25.1	18.6
10°	985.8	630.0	568.9	465.9	331.2	268.3	192.0	60.3	36.2	26.4	19.2
7.5°	1263.4	753.3	681.1	558.4	383.6	305.6	226.8	69.9	40.2	27.8	19.7
5°	1520.7	860.0	774.2	636.3	430.4	340.0	260.1	79.4	44.3	29.0	20.1
2.5°	1667.2	940.5	852.3	707.9	475.6	372.9	290.6	88.6	48.3	30.2	20.5
0°	1786.1	1017.9	926.0	773.4	518.5	404.0	317.3	97.1	52.0	31.2	20.8
-2.5°	1755.0	1006.0	912.3	767.4	531.8	413.4	321.3	112.8	64.3	39.3	24.8
-5°	1693.9	990.5	894.4	755.3	541.5	420.3	321.0	127.4	76.1	47.0	28.7
-7.5°	1576.5	955.8	866.8	737.6	547.5	424.5	317.3	140.8	87.1	54.3	32.3
-10°	1426.5	908.9	827.6	707.3	539.2	423.0	311.0	152.7	97.1	60.8	35.5
-12.5°	1252.5	861.0	789.3	674.9	526.3	417.0	302.9	163.0	105.9	66.4	38.1
-15°	1056.5	812.6	753.3	641.8	511.1	409.4	293.6	171.5	113.5	71.4	40.2
-17.5°	844.9	764.4	721.0	608.9	493.9	400.5	283.6	178.1	119.8	75.9	42.3
-20°	784.9	732.7	690.5	577.3	474.9	390.5	273.8	182.7	124.8	79.3	44.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	755.6	715.4	656.1	551.4	457.1	379.5	264.5	185.3	128.3	81.5	45.2
-25°	728.5	699.4	623.4	527.4	442.2	363.4	260.9	185.7	130.4	82.3	45.1
-27.5°	709.1	678.6	590.9	501.4	425.7	349.8	260.1	187.3	131.0	81.8	44.0
-30°	694.0	641.9	559.7	475.7	407.3	331.4	256.7	187.1	130.1	80.3	41.7
-32.5°	681.6	606.7	527.4	453.6	385.7	311.8	245.4	184.8	127.3	77.6	40.2
-35°	649.2	572.3	494.3	429.6	362.5	293.9	230.7	180.5	122.5	73.3	38.5
-37.5°	614.7	536.8	466.3	403.8	338.8	274.2	217.0	167.7	115.7	67.2	36.0
-40°	573.7	501.5	437.3	377.3	314.9	252.6	201.5	153.1	107.3	59.4	32.7
-42.5°	530.8	466.8	406.2	349.7	289.5	233.5	184.1	136.8	93.8	53.3	28.6
-45°	489.7	429.2	372.3	317.6	262.8	212.4	164.4	119.3	78.9	47.6	25.5
-47.5°	445.5	388.9	335.2	283.3	237.0	189.1	143.0	101.5	63.2	40.8	24.5
-50°	398.0	345.8	295.8	250.8	208.1	163.4	120.5	82.7	53.5	32.2	23.3
-52.5°	349.8	300.9	258.2	218.3	177.2	135.9	98.5	63.9	43.3	28.0	21.9
-55°	300.0	259.1	222.2	183.7	144.9	109.4	75.4	51.9	32.6	25.8	20.3
-57.5°	256.4	219.8	183.5	147.2	114.0	82.6	57.8	39.4	28.2	23.5	19.7
-60°	212.8	176.8	142.7	112.8	83.9	60.5	43.3	29.8	25.7	21.4	19.0
-62.5°	163.8	132.8	105.6	79.3	59.7	44.0	30.6	27.1	23.2	20.4	18.1
-65°	118.1	93.4	69.6	55.5	41.4	30.8	27.8	24.4	21.5	19.2	17.2
-67.5°	75.4	61.6	48.0	35.3	30.4	27.7	24.9	22.3	20.0	18.0	16.4
-70°	49.7	37.7	32.0	29.3	26.9	24.6	22.6	20.5	18.5	17.1	15.6
-72.5°	33.6	30.7	28.0	25.7	24.2	22.5	20.5	18.8	17.6	16.3	14.7
-75°	28.5	26.6	25.0	23.7	22.2	20.4	19.1	18.0	16.8	15.5	13.8
-77.5°	24.6	23.5	22.6	21.5	20.1	18.9	18.0	17.3	15.9	14.4	12.9
-80°	20.9	20.2	19.5	18.7	17.9	17.3	16.8	16.1	14.7	13.3	11.9
-82.5°	17.4	17.0	16.6	16.3	16.0	15.6	15.2	14.7	13.5	12.2	11.0
-85°	14.2	14.2	14.3	14.4	14.2	13.9	13.6	13.3	12.3	11.3	10.4
-87.5°	12.3	12.4	12.4	12.4	12.3	12.1	12.0	11.9	11.1	10.4	9.8
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.7	8.3	7.8	7.4	6.9	6.9	6.9
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	7.0	6.9	6.9	6.9	6.9	6.9
72.5°	7.0	7.2	7.1	6.9	6.9	6.9	6.9
70°	7.1	7.3	7.3	6.9	6.9	6.9	6.9
67.5°	7.1	7.5	7.4	7.1	6.9	6.9	6.9
65°	7.1	7.6	7.6	7.3	6.9	6.9	6.9
62.5°	7.2	7.6	7.8	7.5	6.9	6.9	6.9
60°	7.2	7.6	8.0	7.7	6.9	6.9	6.9
57.5°	7.7	7.7	8.1	7.8	7.0	6.9	6.9
55°	8.1	7.7	8.1	8.0	7.2	6.9	6.9
52.5°	8.5	7.9	8.2	8.2	7.3	6.9	6.9
50°	9.0	8.2	8.2	8.4	7.4	6.9	6.9
47.5°	9.4	8.6	8.3	8.6	7.5	6.9	6.9
45°	9.6	8.9	8.3	8.6	7.6	6.9	6.9
42.5°	9.8	9.2	8.4	8.7	7.8	6.9	6.9
40°	10.1	9.6	8.5	8.7	7.9	6.9	6.9
37.5°	10.4	9.9	8.8	8.8	8.0	6.9	6.9
35°	10.7	10.1	9.0	8.8	8.0	6.9	6.9
32.5°	11.1	10.4	9.3	8.9	8.1	6.9	6.9
30°	11.5	10.6	9.5	9.0	8.2	6.9	6.9
27.5°	12.0	10.9	9.7	9.0	8.3	6.9	6.9
25°	12.4	11.2	9.9	9.1	8.4	6.9	6.9
22.5°	12.8	11.4	10.0	9.3	8.4	6.9	6.9
20°	13.2	11.6	10.1	9.4	8.5	6.9	6.9
17.5°	13.5	11.7	10.2	9.5	8.5	6.9	6.9
15°	13.8	11.8	10.3	9.6	8.6	6.9	6.9
12.5°	14.1	11.9	10.3	9.8	8.6	6.9	6.9
10°	14.5	12.0	10.4	9.9	8.6	6.9	6.9
7.5°	14.8	12.0	10.4	10.0	8.7	6.9	6.9
5°	15.1	12.1	10.4	10.2	8.7	6.9	6.9
2.5°	15.4	12.1	10.4	10.3	8.7	6.9	6.9
0°	15.6	12.1	10.4	10.4	8.7	6.9	6.9
-2.5°	17.0	12.5	10.7	10.5	8.8	6.9	6.9
-5°	18.3	12.8	11.0	10.6	8.8	7.0	6.9
-7.5°	19.4	13.2	11.3	10.7	8.9	7.0	6.9
-10°	20.5	13.5	11.6	10.8	8.9	7.1	6.9
-12.5°	21.3	13.8	11.9	10.8	9.0	7.1	6.9
-15°	22.0	14.1	12.1	10.9	9.0	7.1	6.9
-17.5°	22.4	14.4	12.3	10.9	9.0	7.2	6.9
-20°	22.8	14.6	12.5	11.0	9.1	7.2	6.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.4	14.8	12.7	11.0	9.1	7.2	6.9
-25°	23.5	15.2	12.8	11.0	9.1	7.2	6.9
-27.5°	23.1	15.5	12.9	11.0	9.1	7.3	6.9
-30°	22.2	15.7	13.0	11.0	9.1	7.3	6.9
-32.5°	20.8	15.7	13.0	11.0	9.1	7.3	6.9
-35°	20.3	15.7	13.0	10.9	9.0	7.3	6.9
-37.5°	20.3	15.7	13.0	10.9	9.0	7.3	6.9
-40°	20.1	15.6	13.0	10.8	9.0	7.3	6.9
-42.5°	19.7	15.5	12.9	10.8	8.9	7.3	6.9
-45°	19.1	15.4	12.8	10.7	8.9	7.4	6.9
-47.5°	18.3	15.2	12.7	10.6	8.8	7.3	6.9
-50°	18.0	15.0	12.6	10.5	8.8	7.3	6.9
-52.5°	17.6	14.8	12.4	10.4	8.7	7.3	6.9
-55°	17.2	14.5	12.2	10.3	8.6	7.3	6.9
-57.5°	16.7	14.1	11.9	10.1	8.5	7.3	6.9
-60°	16.2	13.8	11.7	9.9	8.5	7.3	6.9
-62.5°	15.7	13.4	11.4	9.7	8.4	7.3	6.9
-65°	15.1	12.9	11.1	9.5	8.3	7.2	6.9
-67.5°	14.4	12.4	10.7	9.3	8.2	7.2	6.9
-70°	13.7	11.9	10.4	9.1	8.1	7.2	6.9
-72.5°	12.9	11.3	10.0	8.9	7.9	7.2	6.9
-75°	12.1	10.8	9.6	8.7	7.8	7.1	6.9
-77.5°	11.3	10.1	9.3	8.5	7.7	7.1	6.9
-80°	10.5	9.7	9.0	8.3	7.5	7.1	6.9
-82.5°	10.0	9.3	8.7	8.0	7.4	7.0	6.9
-85°	9.6	9.0	8.4	7.8	7.2	7.0	6.9
-87.5°	9.1	8.6	8.1	7.6	7.1	6.9	6.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9

(END OF REPORT)