

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: P1305751 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

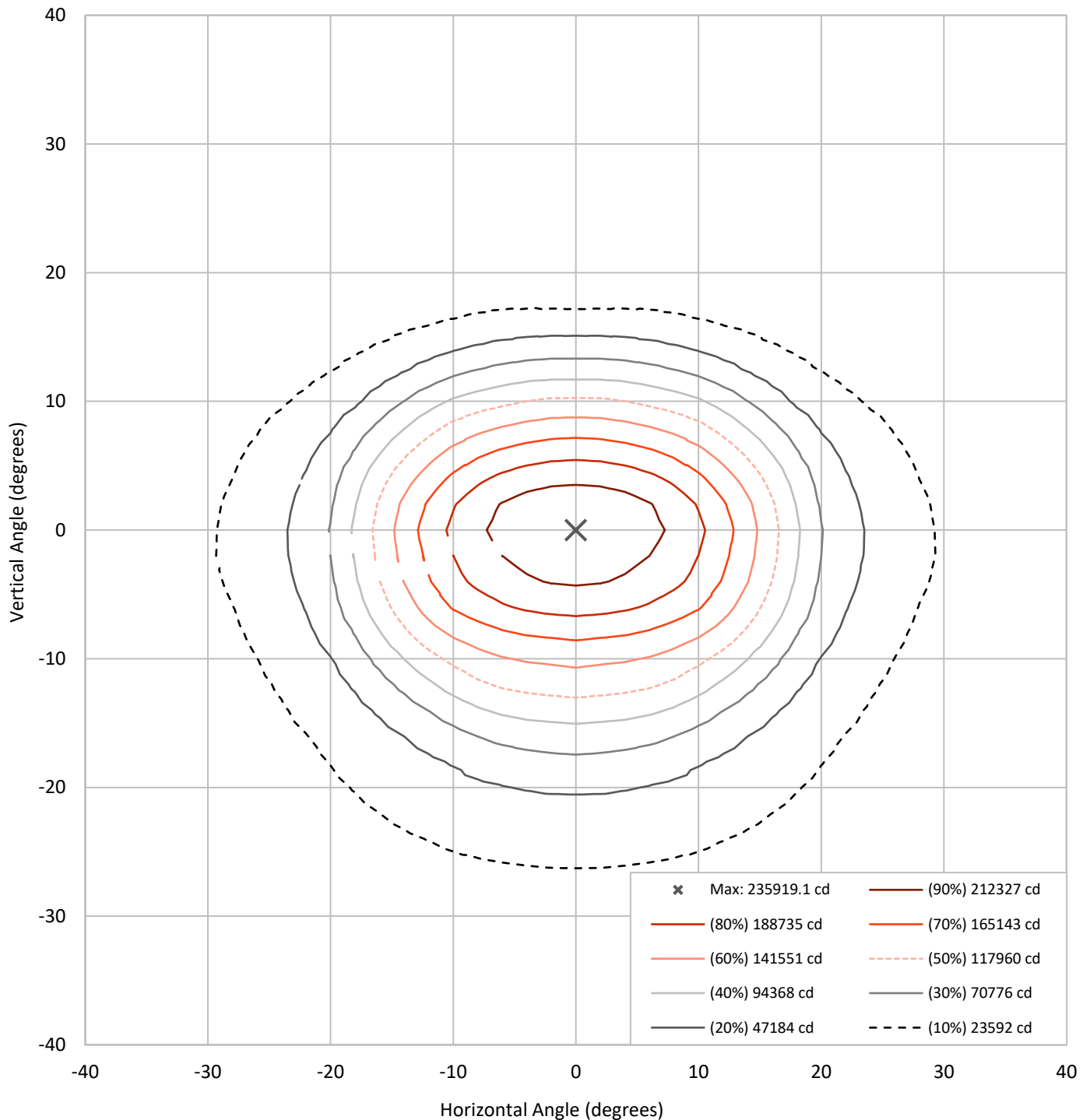
Test Method: LM-79-08  
Report Number: P1305751 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680R-40-70-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	62278.6 lumens	Max Intensity:	235919.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	31510.9 lumens	Field Lumens:	53709.8 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
Input Watts (W):	688		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





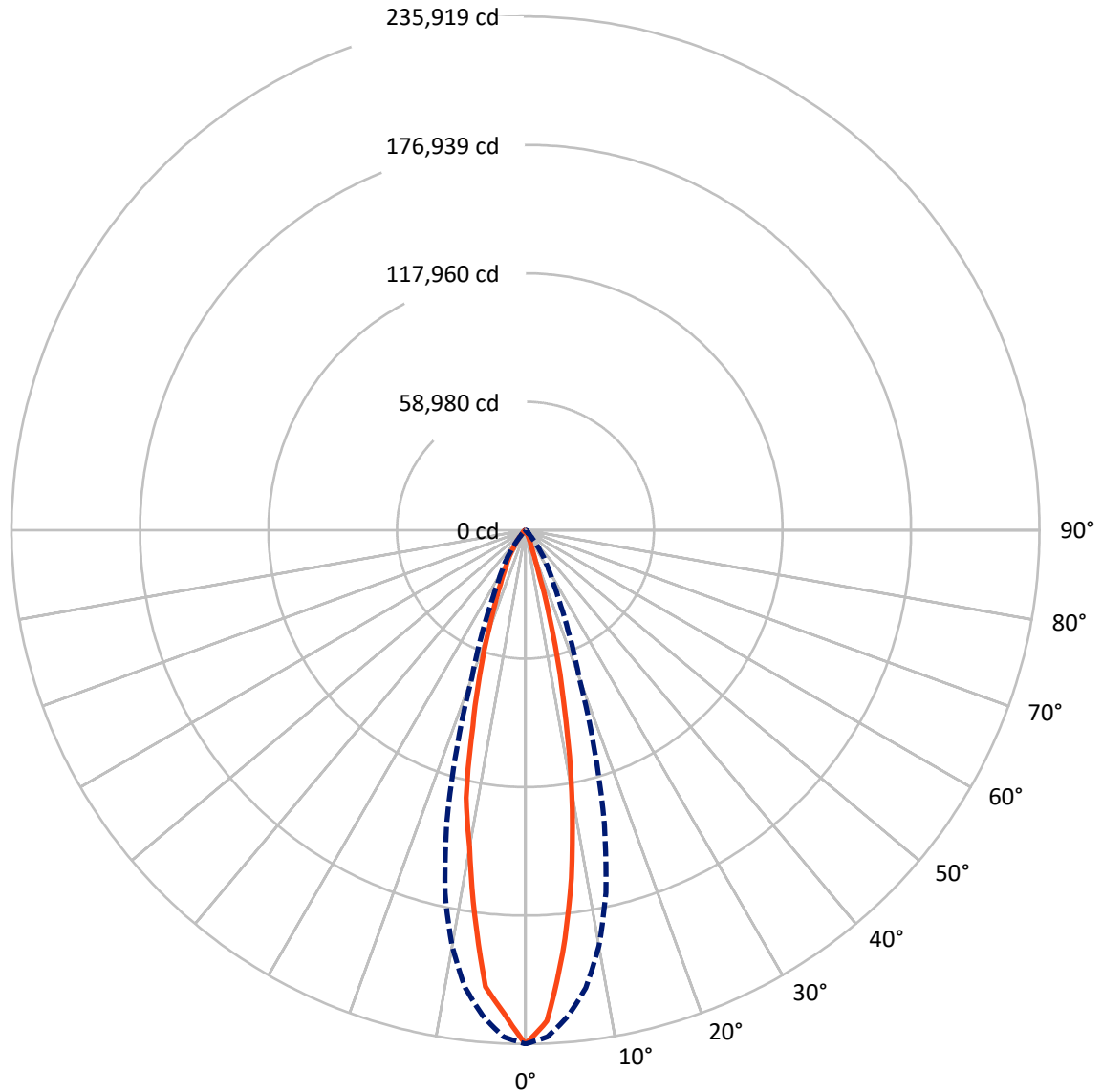
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### Lumen Table

90	0.2	0.6	0.9	0.8	0.6	0.8	0.9	0.6	0.2										
80	0.2	0.6	0.9	0.8	0.6	0.8	0.9	0.6	0.2										
70	0.2	0.1	0.2	0.5	0.7	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.4	0.9	0.8	0.3	0.2	0.2	0.2	0.2	0.3	0.8	0.9	0.4	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.6	0.9	1.3	2.7	4.8	7.1	7.1	4.8	2.7	1.3	0.9	0.6	0.2				
30	0.3	0.4	1.6	3.5	9.4	26.0	53.8	89.4	89.4	53.8	26.0	9.4	3.5	1.6	0.4	0.3			
20		1.0	5.3	14.1	84.1	262.6	800.1	1495.5	1495.5	800.1	262.6	84.1	14.1	5.3	1.0				
10	0.4	2.0	10.8	35.5	260.9	919.1	3181.9	5414.8	5414.8	3181.9	919.1	260.9	35.5	10.8	2.0	0.4			
0		2.7	13.3	42.6	290.7	1014.1	3504.8	5753.4	5753.4	3504.8	1014.1	290.7	42.6	13.3	2.7				
-10	0.5	2.9	11.8	29.9	172.3	558.9	1551.0	2725.8	2725.8	1551.0	558.9	172.3	29.9	11.8	2.9	0.5			
-20		2.8	9.9	20.0	72.0	279.4	575.8	838.5	838.5	575.8	279.4	72.0	20.0	9.9	2.8				
-30	0.5	2.3	8.3	15.6	29.2	87.0	197.5	280.3	280.3	197.5	87.0	29.2	15.6	8.3	2.3	0.5			
-40		1.5	6.0	12.8	20.8	31.1	45.0	59.0	59.0	45.0	31.1	20.8	12.8	6.0	1.5				
-50	0.3	0.7	3.1	8.2	14.7	20.5	25.2	28.2	28.2	25.2	20.5	14.7	8.2	3.1	0.7	0.3			
-60		0.3	1.1	3.1	6.1	9.9	13.3	15.3	15.3	13.3	9.9	6.1	3.1	1.1	0.3				
-70	0.2	0.9	3.0	7.6	10.9	7.6	3.0	0.9	0.2							0.2			
-80		0.9	3.0	7.6	10.9	7.6	3.0	0.9	0.2										
-90	0.2	0.9	3.0	7.6	10.9	7.6	3.0	0.9	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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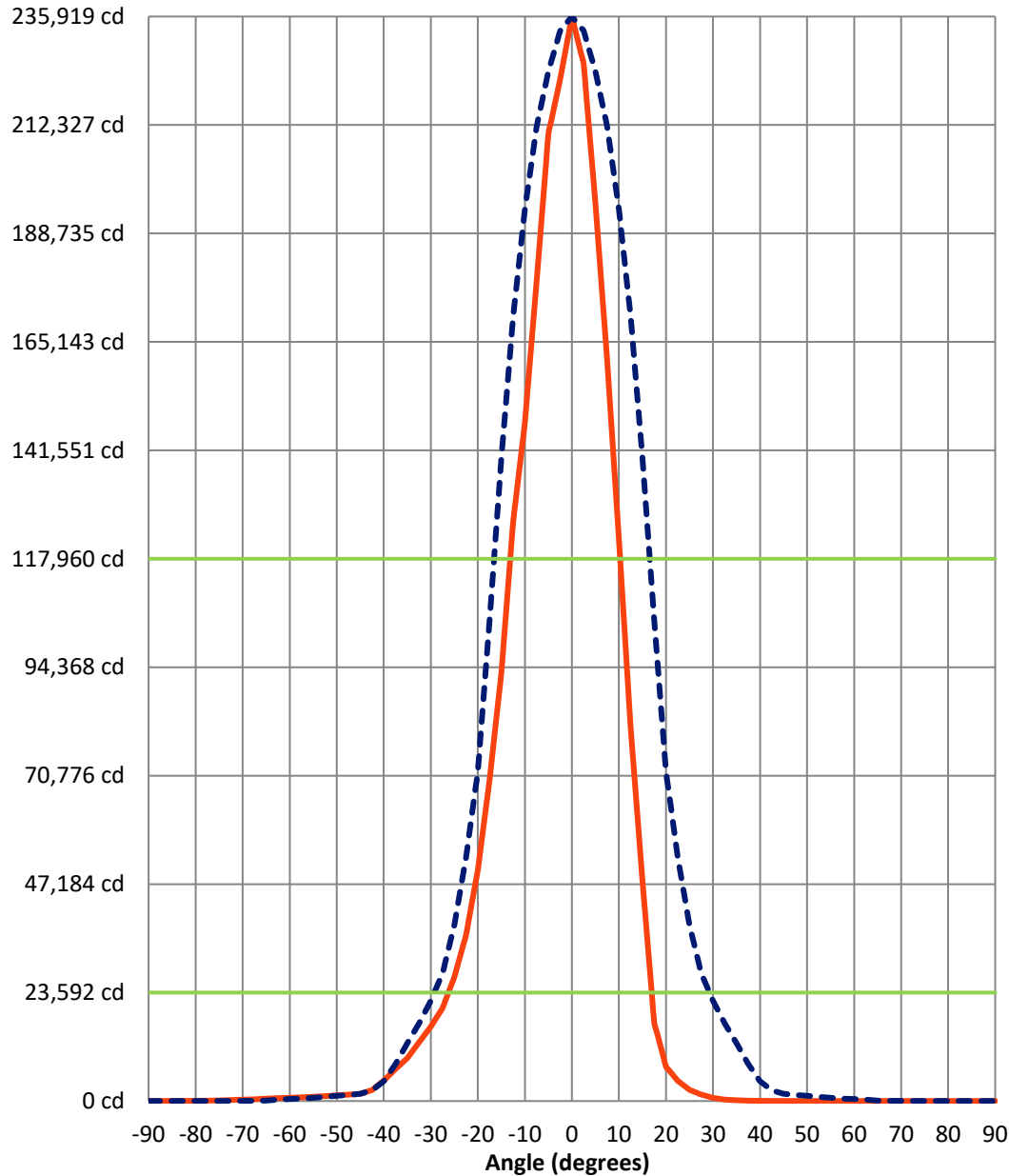
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 31510.9  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 53709.8  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 8568.8  
 Efficiency: 13.8%

— 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°	8.6	9.7	10.8	10.3	9.7	9.2	8.6	9.2	9.7	10.2	10.8
87.5°	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.1	9.0	8.8	8.6
85°	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.6	9.4	9.0	8.6
82.5°	8.6	8.9	9.2	9.5	9.7	10.0	10.3	10.1	9.8	9.4	9.2
80°	8.6	9.0	9.4	9.7	10.1	10.5	10.8	10.4	10.1	10.0	10.1
77.5°	8.6	9.1	9.6	10.0	10.5	10.8	10.8	10.6	10.5	10.6	10.8
75°	8.6	9.2	9.7	10.3	10.8	10.8	10.8	10.7	10.8	10.8	10.8
72.5°	8.6	9.3	9.9	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
70°	8.6	9.4	10.1	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
67.5°	8.6	9.4	10.3	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
65°	8.6	9.5	10.5	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
62.5°	8.6	9.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
60°	8.6	9.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
57.5°	8.6	9.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
55°	8.6	9.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
52.5°	8.6	9.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
50°	8.6	10.0	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	11.8
47.5°	8.6	10.1	10.8	10.8	10.8	10.8	10.8	11.1	10.8	10.8	12.7
45°	8.6	10.2	10.8	10.8	10.8	10.8	11.0	11.3	10.9	11.5	13.5
42.5°	8.6	10.2	10.8	10.8	10.8	10.8	11.2	11.4	11.0	12.0	14.0
40°	8.6	10.3	10.8	10.8	10.8	10.8	11.4	11.5	11.3	12.5	14.5
37.5°	8.6	10.3	10.8	10.8	10.8	10.8	11.7	11.7	12.0	13.3	14.9
35°	8.6	10.4	10.8	10.8	10.8	10.9	12.0	11.8	12.6	14.3	15.3
32.5°	8.6	10.5	10.8	10.8	10.8	11.2	12.2	11.9	13.1	15.4	16.9
30°	8.6	10.5	10.8	10.8	10.8	11.4	12.3	12.2	13.7	16.8	18.7
27.5°	8.6	10.6	10.8	10.8	10.8	11.6	12.5	12.6	14.5	18.4	20.7
25°	8.6	10.6	10.8	10.8	10.8	11.9	12.6	13.1	15.7	20.1	23.1
22.5°	8.6	10.6	10.8	10.8	10.8	12.1	12.7	13.5	16.9	21.9	27.7
20°	8.6	10.7	10.8	10.8	10.8	12.3	12.9	13.9	18.3	23.9	32.5
17.5°	8.6	10.7	10.8	10.8	10.8	12.4	13.0	14.3	19.6	26.0	37.5
15°	8.6	10.7	10.8	10.8	10.8	12.5	13.3	14.9	21.0	28.1	42.7
12.5°	8.6	10.7	10.8	10.8	10.8	12.6	13.5	16.0	23.0	30.2	48.0
10°	8.6	10.8	10.8	10.8	10.8	12.7	13.8	17.1	25.4	34.6	54.8
7.5°	8.6	10.8	10.8	10.8	10.8	12.8	14.1	18.2	27.8	39.5	65.1
5°	8.6	10.8	10.8	10.8	10.8	12.9	14.5	19.3	30.2	44.4	75.3
2.5°	8.6	10.8	10.8	10.8	10.8	12.9	14.8	20.5	32.4	49.2	85.3
0°	8.6	10.8	10.8	10.8	10.8	12.9	15.1	21.5	34.4	53.8	94.7
-2.5°	8.6	10.8	10.8	10.8	10.8	13.1	16.5	24.5	40.6	65.2	111.8
-5°	8.6	10.8	10.8	10.8	10.8	13.3	17.9	27.4	46.4	75.9	127.8
-7.5°	8.6	10.8	10.8	10.8	10.8	13.5	19.1	30.0	51.7	85.8	142.3
-10°	8.6	10.8	10.8	10.8	10.8	13.6	20.2	32.4	56.3	94.5	155.0
-12.5°	8.6	10.8	10.8	10.8	10.8	13.7	21.1	34.4	60.2	102.0	166.2
-15°	8.6	10.7	10.8	10.8	10.8	13.7	21.7	36.0	63.9	109.3	175.6
-17.5°	8.6	10.7	10.8	10.8	10.8	13.7	22.1	37.8	67.4	114.7	182.5
-20°	8.6	10.7	10.8	10.8	10.8	13.6	22.5	39.4	69.5	118.3	186.9



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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°	8.6	10.7	10.8	10.8	10.8	13.4	23.0	40.6	70.3	119.9	188.5
-25°	8.6	10.6	10.8	10.8	10.8	13.4	23.1	41.1	69.6	119.3	187.2
-27.5°	8.6	10.6	10.8	10.8	10.8	13.4	22.7	41.0	67.2	117.2	186.1
-30°	8.6	10.6	10.8	10.8	10.8	13.2	21.9	40.3	65.8	114.5	182.1
-32.5°	8.6	10.5	10.8	10.8	11.0	12.9	20.6	39.3	64.8	109.5	175.0
-35°	8.6	10.5	10.8	10.8	11.1	12.3	19.8	37.7	62.8	102.1	164.7
-37.5°	8.6	10.5	10.8	10.8	11.3	12.0	19.2	35.4	60.0	92.5	148.5
-40°	8.6	10.5	10.8	10.8	11.4	12.1	18.3	32.4	56.2	86.3	132.1
-42.5°	8.6	10.4	10.8	10.8	11.5	12.3	17.0	28.7	51.8	79.2	114.6
-45°	8.6	10.4	10.8	10.9	11.6	12.5	15.5	25.3	46.7	70.9	97.3
-47.5°	8.6	10.3	10.8	10.9	11.7	12.6	13.8	23.2	40.5	61.8	87.0
-50°	8.6	10.3	10.8	10.9	11.7	12.8	13.6	20.7	32.7	52.9	75.7
-52.5°	8.6	10.3	10.8	11.0	11.7	12.9	13.8	17.8	27.5	43.3	63.6
-55°	8.6	10.2	10.8	11.0	11.7	12.9	14.0	14.9	23.5	33.3	52.2
-57.5°	8.6	10.2	10.8	11.0	11.6	12.8	14.1	15.1	19.4	27.5	40.1
-60°	8.6	10.2	10.8	11.0	11.6	12.7	14.2	15.2	16.1	22.9	30.0
-62.5°	8.6	10.1	10.8	10.9	11.5	12.5	13.9	15.2	15.9	18.3	25.0
-65°	8.6	10.1	10.8	10.9	11.4	12.3	13.6	14.9	15.6	16.8	20.0
-67.5°	8.6	10.1	10.8	10.9	11.3	12.0	13.2	14.3	15.1	16.0	17.7
-70°	8.6	10.0	10.8	10.8	11.1	11.8	12.8	13.7	14.4	15.1	16.3
-72.5°	8.6	10.0	10.8	10.8	11.0	11.5	12.3	13.1	13.7	14.3	14.9
-75°	8.6	10.0	10.8	10.7	10.8	11.2	11.9	12.4	13.0	13.5	14.0
-77.5°	8.6	9.9	10.8	10.6	10.7	10.9	11.4	11.8	12.3	12.7	13.1
-80°	8.6	9.9	10.8	10.5	10.5	10.6	10.9	11.2	11.6	11.9	12.2
-82.5°	8.6	9.8	10.8	10.5	10.3	10.2	10.3	10.6	10.8	11.1	11.4
-85°	8.6	9.8	10.8	10.4	10.1	9.9	9.7	10.1	10.4	10.7	10.8
-87.5°	8.6	9.7	10.8	10.3	9.9	9.5	9.2	9.6	10.1	10.5	10.8
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



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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°	10.3	9.7	9.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.1	7.6	7.0
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.3	8.1	8.0
82.5°	9.2	9.2	9.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	10.1	9.8	9.2	8.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	10.4	9.8	9.3	8.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	10.4	9.9	9.3	8.8	8.6	8.6	8.7	9.1	9.3	9.4	9.2
72.5°	10.5	10.0	9.4	8.9	9.1	9.6	10.1	10.6	11.1	11.4	11.7
70°	10.6	10.0	9.8	9.9	10.4	11.0	12.0	13.1	14.3	15.0	16.4
67.5°	10.7	10.4	10.5	10.9	11.6	12.7	14.0	16.9	19.8	21.5	23.3
65°	10.8	10.7	11.1	11.8	12.8	15.5	18.7	22.1	27.4	30.5	31.8
62.5°	10.8	11.0	11.5	13.1	16.1	19.5	23.9	29.7	37.0	41.9	42.1
60°	10.8	11.1	12.8	15.9	19.3	23.5	29.3	37.4	47.9	55.8	50.9
57.5°	10.8	12.1	15.1	18.3	22.0	26.7	34.4	44.7	54.7	65.3	56.1
55°	11.4	13.8	16.8	20.0	24.3	29.5	37.4	46.1	57.1	60.3	49.7
52.5°	12.8	15.2	17.7	21.4	26.1	30.7	35.7	43.3	46.7	47.4	39.4
50°	14.0	15.9	18.3	22.3	26.8	30.1	31.3	35.6	35.9	32.6	28.3
47.5°	14.8	16.6	18.5	22.8	26.9	28.8	28.3	27.3	25.0	23.1	17.9
45°	15.4	17.2	19.1	23.3	26.7	27.3	24.9	19.7	20.5	18.3	17.0
42.5°	15.9	17.8	20.7	24.0	26.1	25.9	22.4	20.8	19.4	18.9	18.4
40°	16.4	18.4	22.8	25.6	26.2	25.4	25.5	24.4	21.0	22.3	22.5
37.5°	16.9	20.5	25.6	29.9	27.0	28.5	30.5	30.9	29.2	28.4	31.4
35°	17.3	22.7	31.3	36.1	33.5	34.4	38.5	40.2	40.6	40.5	42.8
32.5°	18.7	25.2	38.9	43.6	44.9	45.6	48.5	52.6	57.3	59.3	56.8
30°	21.8	32.2	47.7	52.7	58.3	66.4	64.5	67.7	78.3	82.6	86.6
27.5°	26.7	41.4	56.5	65.0	75.0	93.3	99.8	93.1	102.2	110.8	123.7
25°	32.3	64.7	66.3	78.9	101.4	129.0	146.5	154.1	134.1	149.0	183.7
22.5°	44.8	95.0	101.2	93.8	132.0	172.7	207.3	225.9	223.5	209.0	255.7
20°	67.1	125.8	142.0	145.1	174.2	222.8	276.8	308.4	338.2	390.3	527.0
17.5°	93.0	159.8	185.4	211.5	264.2	307.4	353.6	400.5	471.4	626.2	1090.1
15°	121.9	196.5	230.8	283.6	362.1	434.4	490.8	532.8	658.0	982.5	1802.7
12.5°	152.6	235.1	277.6	360.0	465.3	567.9	647.9	732.6	943.2	1581.3	2935.9
10°	184.2	274.9	325.3	438.9	571.9	705.7	809.4	937.0	1266.1	2259.1	4172.7
7.5°	219.3	317.4	373.9	518.7	679.8	845.3	973.1	1142.9	1595.5	2944.1	5417.3
5°	253.3	361.9	425.6	587.6	770.6	968.0	1125.9	1346.4	1921.5	3608.1	6626.6
2.5°	284.6	404.9	476.3	650.5	846.9	1061.2	1230.1	1468.2	2147.1	4044.3	7516.9
0°	<b>312.1</b>	<b>445.6</b>	<b>525.3</b>	<b>708.2</b>	<b>917.1</b>	<b>1147.4</b>	<b>1328.2</b>	<b>1580.1</b>	<b>2329.2</b>	<b>4307.6</b>	<b>8049.0</b>
-2.5°	322.6	461.3	545.4	722.9	926.9	1162.1	1346.3	1589.8	2385.1	4414.3	8127.3
-5°	328.6	473.3	563.0	732.4	930.2	1167.7	1356.9	1589.7	2371.1	4321.8	7745.3
-7.5°	330.5	481.4	578.0	733.7	912.7	1130.3	1303.8	1506.3	2184.3	3939.7	6921.6
-10°	328.6	480.2	573.5	706.6	867.1	1064.3	1232.7	1415.1	1968.8	3460.4	6005.6
-12.5°	322.6	471.4	564.9	678.0	819.9	993.6	1158.1	1317.9	1729.5	2889.9	5062.3
-15°	314.5	461.0	555.9	649.0	772.4	919.3	1081.0	1215.9	1480.5	2281.2	4125.9
-17.5°	304.9	449.5	547.0	620.4	725.9	842.3	1005.8	1130.8	1296.8	1893.1	3372.5
-20°	294.3	437.3	538.5	593.3	682.5	783.9	933.3	1060.4	1200.7	1587.2	2564.5



REPORT NUMBER: P1305751 (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°	283.2	424.8	526.2	578.2	654.0	743.7	860.3	985.8	1103.1	1249.5	1878.6
-25°	277.7	406.5	507.9	567.9	627.5	704.7	789.8	907.6	1012.3	1153.0	1516.0
-27.5°	275.0	389.2	486.3	556.4	601.5	669.1	739.5	830.5	950.4	1074.8	1206.3
-30°	268.6	363.7	464.2	540.3	585.1	640.0	699.0	776.3	890.9	1005.7	1121.9
-32.5°	252.8	336.5	435.6	514.7	570.0	612.7	670.0	740.8	832.9	938.3	1042.7
-35°	232.4	312.8	403.2	489.1	552.8	594.2	646.3	707.1	779.2	873.7	985.2
-37.5°	212.0	286.3	369.4	458.3	524.9	579.6	621.2	676.4	739.0	813.9	923.7
-40°	189.3	257.4	336.9	420.3	498.3	558.3	604.6	646.4	700.5	774.0	852.6
-42.5°	164.9	229.7	302.5	380.6	458.3	527.0	585.7	625.1	671.0	734.8	806.4
-45°	144.2	199.5	266.1	338.0	411.1	486.8	549.3	606.6	648.5	696.9	760.7
-47.5°	122.4	169.2	229.7	292.6	361.5	432.5	505.5	566.3	625.3	669.5	714.7
-50°	101.9	143.8	190.3	248.7	309.5	375.6	443.6	515.7	577.7	634.8	684.0
-52.5°	88.0	117.2	158.3	204.5	259.0	316.4	380.2	446.3	514.5	579.4	630.5
-55°	73.1	97.8	126.9	166.0	209.9	260.4	315.2	376.0	436.2	499.7	558.1
-57.5°	58.7	79.9	102.5	130.0	166.9	206.5	254.8	305.4	360.5	414.9	461.3
-60°	44.4	62.8	83.0	103.4	126.1	160.6	195.7	238.4	285.2	330.4	371.1
-62.5°	31.3	46.4	63.9	82.2	100.7	118.5	146.7	178.5	210.5	248.7	284.3
-65°	26.0	32.4	45.2	61.4	78.0	94.6	110.7	126.5	152.9	179.8	204.9
-67.5°	20.6	26.3	32.2	40.2	54.9	69.7	85.0	99.4	113.4	127.0	142.7
-70°	18.3	20.6	25.3	30.7	36.2	43.6	56.6	69.9	83.8	97.6	109.7
-72.5°	16.5	18.7	20.9	23.0	27.5	32.2	36.7	41.2	49.8	61.7	73.8
-75°	15.1	16.8	18.8	20.8	22.6	24.6	26.9	30.9	34.8	38.9	43.0
-77.5°	13.8	14.9	16.4	18.2	19.9	21.4	22.9	24.7	26.5	28.5	30.6
-80°	12.6	12.9	13.6	14.7	16.1	17.5	18.9	20.3	21.6	22.9	24.4
-82.5°	11.6	11.8	12.1	12.3	12.9	13.7	14.6	15.8	16.5	17.3	18.1
-85°	10.8	10.8	11.0	11.1	11.4	11.7	12.1	12.6	12.8	13.1	13.3
-87.5°	10.5	10.3	10.0	9.9	9.9	10.0	10.1	10.2	10.2	10.3	10.3
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.1	7.6	7.0



REPORT NUMBER: P1305751 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.6	9.7	10.7	11.8	12.9	14.0	15.0	16.1	17.2	18.3	19.4
87.5°	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9	4.3	3.8	3.3
85°	7.8	7.6	7.3	6.9	6.5	6.0	5.4	4.9	4.3	3.8	3.3
82.5°	8.6	8.1	7.6	7.1	6.5	6.0	5.4	4.9	4.3	3.8	3.3
80°	8.6	8.2	7.6	7.1	6.6	6.0	5.5	4.9	4.3	3.8	3.3
77.5°	8.6	8.2	7.7	7.1	6.6	6.1	5.5	4.9	4.4	4.2	4.2
75°	8.8	8.4	8.3	8.1	7.6	7.2	6.9	6.5	6.1	5.8	5.4
72.5°	11.9	11.9	11.5	11.3	10.6	10.1	9.7	9.1	8.3	7.8	7.4
70°	17.6	18.3	17.8	16.6	14.7	13.2	12.4	11.5	10.6	9.7	8.8
67.5°	24.5	24.5	22.8	20.5	17.5	14.7	13.6	12.5	11.3	10.7	10.5
65°	31.7	29.7	26.7	23.1	18.9	14.9	13.8	12.6	11.4	10.8	10.8
62.5°	39.8	33.2	26.7	22.0	18.2	14.9	13.3	11.8	10.3	9.2	9.0
60°	42.7	31.7	22.9	19.0	15.8	13.3	11.6	10.3	9.3	8.6	8.6
57.5°	41.4	28.3	18.4	15.3	12.9	11.3	10.2	9.1	8.1	7.2	7.0
55°	35.3	23.1	13.8	11.9	10.6	9.4	8.4	7.8	7.2	6.5	6.5
52.5°	25.9	17.7	12.4	10.4	9.8	9.2	8.5	8.3	8.1	7.9	7.7
50°	19.0	13.7	11.9	10.6	10.2	10.2	10.5	10.5	10.3	10.0	9.7
47.5°	15.5	13.4	12.1	10.9	11.2	12.2	12.6	12.6	12.5	12.2	11.9
45°	15.0	13.8	13.2	13.9	14.5	15.1	15.1	14.8	15.4	15.7	15.4
42.5°	16.5	16.7	17.9	19.0	18.3	19.5	20.8	20.7	21.7	22.4	22.4
40°	23.2	22.6	25.9	26.9	27.4	28.6	32.3	32.0	33.6	38.1	39.0
37.5°	33.2	35.1	37.3	39.4	45.1	48.8	56.0	61.8	64.8	73.5	80.2
35°	46.9	51.6	52.9	64.3	76.1	87.1	97.2	109.3	114.5	133.7	147.0
32.5°	66.5	76.1	89.2	108.1	130.3	156.9	155.7	196.0	210.6	250.0	295.2
30°	92.9	120.0	163.0	192.8	247.6	290.7	312.4	375.4	460.0	541.0	651.1
27.5°	151.1	208.1	285.8	388.4	441.9	506.8	604.9	680.2	873.5	1058.1	1193.6
25°	259.9	379.4	526.2	677.7	772.6	857.6	1037.0	1168.7	1442.6	1648.3	1941.8
22.5°	497.0	752.3	938.1	1050.6	1254.2	1520.4	1649.7	2011.6	2417.8	2936.5	3365.2
20°	837.5	1239.2	1653.3	1906.1	2138.6	2726.4	2983.9	3661.8	4525.5	5501.5	6315.1
17.5°	1638.8	2005.7	2848.7	3670.1	4288.0	4868.3	6497.0	7660.4	9918.4	12682.1	13956.7
15°	2940.6	3966.4	4950.1	6440.0	8016.7	9770.9	12326.6	16739.1	22281.2	28324.4	34861.0
12.5°	4767.2	6639.7	8399.3	10274.8	12532.0	16842.4	22669.6	30376.1	40334.1	51018.3	63354.4
10°	6819.2	9669.0	12239.1	15070.7	19078.7	25482.3	34119.3	46007.9	63741.5	81868.7	97592.2
7.5°	8656.9	12108.2	15594.5	19692.9	26046.1	35191.9	47618.1	66180.4	89338.9	111771.4	130898.7
5°	10417.9	14449.7	18423.4	23308.2	31315.3	43251.5	59333.2	84798.7	114075.0	138965.6	159928.3
2.5°	11790.0	16281.9	20829.3	26574.3	35709.6	49290.3	67556.1	98378.6	133713.8	161318.6	185288.1
0°	12576.1	16883.7	21819.8	27772.0	38283.7	53077.1	71809.9	104630.0	139820.2	170497.4	193922.0
-2.5°	12422.2	16935.9	21982.3	28003.8	37967.3	52170.2	70636.6	101944.6	136969.7	164624.8	187322.9
-5°	11638.0	15767.6	20216.7	25499.6	34291.2	47232.8	65364.3	94785.4	127290.6	154952.3	178021.3
-7.5°	10415.1	14066.9	17940.0	22538.2	29973.4	41234.5	56819.7	79727.6	108527.4	133580.3	150870.9
-10°	9080.4	12293.7	15788.8	19950.0	25814.3	34642.4	46451.1	62999.2	86553.9	107429.7	123468.2
-12.5°	7814.9	10736.1	13776.5	17251.2	21689.9	28643.2	37618.1	49972.6	65156.4	82316.7	98699.0
-15°	6601.3	9166.6	11819.8	15036.1	18896.3	23613.8	29647.3	37959.6	47935.2	59182.4	71315.2
-17.5°	5445.9	7698.4	10194.7	13003.1	16193.0	19797.2	24857.3	30557.3	36890.3	44218.6	51166.4
-20°	4272.5	6353.7	8618.8	11119.1	13981.0	17266.8	20867.3	25148.8	29730.6	34737.6	39935.1



REPORT NUMBER: P1305751 (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°	3260.8	5034.3	7016.1	9292.3	11979.3	14875.6	17668.4	20478.7	23868.5	27170.6	30487.1
-25°	2283.4	3689.8	5540.3	7716.1	9997.6	12418.3	14491.2	16472.0	18826.0	20943.0	23147.7
-27.5°	1679.4	2645.7	4175.9	6105.8	8151.8	9812.2	11557.4	13182.2	14886.7	16230.4	17783.2
-30°	1280.6	1837.0	2974.1	4479.5	6121.1	7567.8	8914.7	10386.0	11787.5	12954.0	13930.3
-32.5°	1168.0	1380.0	1955.6	3004.2	4190.9	5474.7	6639.9	7920.6	9096.2	10066.5	10843.7
-35°	1097.7	1212.7	1380.5	1909.8	2605.5	3619.1	4591.5	5640.4	6614.8	7415.2	8058.7
-37.5°	1037.7	1138.6	1237.6	1337.0	1720.3	2147.8	2849.5	3608.8	4267.1	4999.0	5570.3
-40°	963.1	1076.4	1156.5	1238.2	1330.3	1437.2	1807.5	2140.0	2512.2	3029.0	3456.8
-42.5°	881.4	977.0	1076.7	1156.8	1227.7	1303.2	1387.1	1470.2	1641.4	1858.6	2035.5
-45°	827.8	890.7	963.1	1054.0	1137.0	1199.9	1262.2	1322.6	1379.8	1431.2	1474.2
-47.5°	770.0	823.4	882.2	944.6	1006.0	1075.9	1141.4	1196.2	1239.6	1281.0	1318.0
-50°	718.5	758.0	807.6	856.1	904.5	954.1	1003.1	1045.4	1087.2	1125.0	1161.8
-52.5°	676.9	710.2	742.7	775.2	814.6	852.9	889.1	921.7	951.3	977.1	1004.3
-55°	606.8	648.7	690.3	719.3	744.2	768.2	792.0	819.0	842.6	862.8	881.8
-57.5°	511.6	562.4	608.7	642.7	674.9	705.1	726.1	741.6	756.6	770.8	783.7
-60°	410.6	448.7	493.1	536.6	576.8	613.2	636.7	656.7	673.5	687.7	700.3
-62.5°	317.3	349.9	386.2	421.3	453.6	485.7	516.9	544.1	567.3	587.1	603.3
-65°	231.1	259.6	290.5	320.2	348.7	376.9	402.7	426.3	447.5	466.6	484.2
-67.5°	164.5	185.4	207.8	227.9	250.7	275.3	299.7	321.5	340.9	356.2	367.7
-70°	121.0	132.9	147.6	164.9	183.7	201.4	218.9	235.7	251.7	265.5	277.9
-72.5°	86.0	98.2	109.9	120.9	132.5	144.1	156.0	168.5	181.1	191.7	200.9
-75°	47.1	53.2	63.1	72.7	82.1	91.0	98.9	105.9	111.9	117.0	121.3
-77.5°	33.5	37.5	41.6	45.6	49.5	54.2	59.1	64.1	69.0	72.9	76.5
-80°	25.9	28.1	30.6	33.1	35.8	39.0	42.3	45.7	49.1	51.5	53.7
-82.5°	19.0	20.6	22.3	23.9	25.5	27.5	29.5	31.5	33.4	34.8	36.1
-85°	13.5	14.6	15.8	16.9	18.1	20.0	21.8	23.6	25.3	26.5	27.7
-87.5°	10.4	11.1	11.7	12.3	12.9	14.5	16.1	17.7	19.3	19.9	20.4
-90°	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9	4.3	3.8	3.3



REPORT NUMBER: P1305751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	20.4	21.5	21.5	21.5	21.5	21.5	20.4	19.4	18.3	17.2	16.1
87.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
85°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
82.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
80°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.9
77.5°	4.2	4.3	3.3	2.2	3.3	4.3	4.2	4.2	4.2	4.4	4.9
75°	4.9	4.3	3.3	2.2	3.3	4.3	4.9	5.4	5.8	6.1	6.5
72.5°	7.0	6.5	6.5	6.5	6.5	6.5	7.0	7.4	7.8	8.3	9.1
70°	7.7	6.6	6.5	6.5	6.5	6.6	7.7	8.8	9.7	10.6	11.5
67.5°	10.6	10.7	10.8	10.8	10.8	10.7	10.6	10.5	10.7	11.3	12.5
65°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.4	12.6
62.5°	8.8	8.7	8.6	8.6	8.6	8.7	8.8	9.0	9.2	10.3	11.8
60°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.3	10.3
57.5°	6.8	6.6	6.5	6.5	6.5	6.6	6.8	7.0	7.2	8.1	9.1
55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.2	7.8
52.5°	7.3	6.8	6.5	6.5	6.5	6.8	7.3	7.7	7.9	8.1	8.3
50°	9.3	8.8	8.6	8.6	8.6	8.8	9.3	9.7	10.0	10.3	10.5
47.5°	11.5	11.0	10.8	10.8	10.8	11.0	11.5	11.9	12.2	12.5	12.6
45°	14.6	13.6	12.9	12.9	12.9	13.6	14.6	15.4	15.7	15.4	14.8
42.5°	22.3	21.7	21.3	21.5	21.3	21.7	22.3	22.4	22.4	21.7	20.7
40°	40.9	42.0	42.5	43.1	42.5	42.0	40.9	39.0	38.1	33.6	32.0
37.5°	83.9	82.4	78.7	79.7	78.7	82.4	83.9	80.2	73.5	64.8	61.8
35°	155.8	165.1	171.7	176.5	171.7	165.1	155.8	147.0	133.7	114.5	109.3
32.5°	312.0	324.8	321.1	314.3	321.1	324.8	312.0	295.2	250.0	210.6	196.0
30°	716.1	753.5	743.5	699.6	743.5	753.5	716.1	651.1	541.0	460.0	375.4
27.5°	1291.0	1381.3	1440.2	1410.0	1440.2	1381.3	1291.0	1193.6	1058.1	873.5	680.2
25°	2194.9	2370.2	2495.8	2443.3	2495.8	2370.2	2194.9	1941.8	1648.3	1442.6	1168.7
22.5°	3902.7	4190.8	4361.9	4406.6	4361.9	4190.8	3902.7	3365.2	2936.5	2417.8	2011.6
20°	7338.6	7568.3	7613.8	7500.0	7613.8	7568.3	7338.6	6315.1	5501.5	4525.5	3661.8
17.5°	17657.4	18718.0	17940.6	17124.8	17940.6	18718.0	17657.4	13956.7	12682.1	9918.4	7660.4
15°	40392.2	44870.9	47422.3	47942.9	47422.3	44870.9	40392.2	34861.0	28324.4	22281.2	16739.1
12.5°	71173.5	78391.0	81369.6	81091.3	81369.6	78391.0	71173.5	63354.4	51018.3	40334.1	30376.1
10°	107678.3	115394.7	122034.1	122101.3	122034.1	115394.7	107678.3	97592.2	81868.7	63741.5	46007.9
7.5°	144174.8	153073.9	159320.0	161101.9	159320.0	153073.9	144174.8	130898.7	111771.4	89338.9	66180.4
5°	176125.0	187142.6	193343.7	195237.3	193343.7	187142.6	176125.0	159928.3	138965.6	114075.0	84798.7
2.5°	204215.7	217712.7	224513.8	225571.1	224513.8	217712.7	204215.7	185288.1	161318.6	133713.8	98378.6
0°	211944.4	223975.9	232783.7	235919.1	232783.7	223975.9	211944.4	193922.0	170497.4	139820.2	104630.0
-2.5°	204325.0	214851.2	220100.7	222290.3	220100.7	214851.2	204325.0	187322.9	164624.8	136969.7	101944.6
-5°	192281.3	202104.5	208790.2	210338.5	208790.2	202104.5	192281.3	178021.3	154952.3	127290.6	94785.4
-7.5°	162275.0	171944.0	174947.9	178353.6	174947.9	171944.0	162275.0	150870.9	133580.3	108527.4	79727.6
-10°	135583.9	143105.7	145174.4	147587.2	145174.4	143105.7	135583.9	123468.2	107429.7	86553.9	62999.2
-12.5°	112184.1	119634.6	123007.5	125894.4	123007.5	119634.6	112184.1	98699.0	82316.7	65156.4	49972.6
-15°	82190.1	89192.7	91611.6	93173.3	91611.6	89192.7	82190.1	71315.2	59182.4	47935.2	37959.6
-17.5°	59537.0	64870.2	68039.4	69876.8	68039.4	64870.2	59537.0	51166.4	44218.6	36890.3	30557.3
-20°	44503.7	47560.0	50015.1	50285.0	50015.1	47560.0	44503.7	39935.1	34737.6	29730.6	25148.8



REPORT NUMBER: P1305751 (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°	33265.7	35086.2	36216.4	36148.2	36216.4	35086.2	33265.7	30487.1	27170.6	23868.5	20478.7
-25°	24829.0	26052.9	26831.3	26971.2	26831.3	26052.9	24829.0	23147.7	20943.0	18826.0	16472.0
-27.5°	18894.8	19756.5	20203.1	20226.8	20203.1	19756.5	18894.8	17783.2	16230.4	14886.7	13182.2
-30°	14638.8	15356.5	15832.6	16196.9	15832.6	15356.5	14638.8	13930.3	12954.0	11787.5	10386.0
-32.5°	11496.8	12109.4	12524.7	12772.0	12524.7	12109.4	11496.8	10843.7	10066.5	9096.2	7920.6
-35°	8619.1	9109.7	9403.3	9329.8	9403.3	9109.7	8619.1	8058.7	7415.2	6614.8	5640.4
-37.5°	6073.5	6489.4	6785.3	6972.6	6785.3	6489.4	6073.5	5570.3	4999.0	4267.1	3608.8
-40°	3827.0	4114.6	4319.3	4449.6	4319.3	4114.6	3827.0	3456.8	3029.0	2512.2	2140.0
-42.5°	2179.5	2287.1	2359.5	2398.1	2359.5	2287.1	2179.5	2035.5	1858.6	1641.4	1470.2
-45°	1507.4	1534.3	1553.7	1565.0	1553.7	1534.3	1507.4	1474.2	1431.2	1379.8	1322.6
-47.5°	1347.1	1369.1	1383.4	1390.6	1383.4	1369.1	1347.1	1318.0	1281.0	1239.6	1196.2
-50°	1195.0	1222.0	1238.3	1244.3	1238.3	1222.0	1195.0	1161.8	1125.0	1087.2	1045.4
-52.5°	1029.7	1051.6	1066.3	1074.2	1066.3	1051.6	1029.7	1004.3	977.1	951.3	921.7
-55°	898.5	912.5	919.7	921.4	919.7	912.5	898.5	881.8	862.8	842.6	819.0
-57.5°	794.7	803.7	810.8	815.9	810.8	803.7	794.7	783.7	770.8	756.6	741.6
-60°	710.4	718.1	722.2	723.3	722.2	718.1	710.4	700.3	687.7	673.5	656.7
-62.5°	615.9	625.1	632.3	637.2	632.3	625.1	615.9	603.3	587.1	567.3	544.1
-65°	500.2	514.2	521.5	525.3	521.5	514.2	500.2	484.2	466.6	447.5	426.3
-67.5°	376.9	384.0	385.7	385.3	385.7	384.0	376.9	367.7	356.2	340.9	321.5
-70°	289.4	300.0	303.9	305.7	303.9	300.0	289.4	277.9	265.5	251.7	235.7
-72.5°	209.3	216.7	221.0	223.9	221.0	216.7	209.3	200.9	191.7	181.1	168.5
-75°	125.0	128.0	129.9	131.3	129.9	128.0	125.0	121.3	117.0	111.9	105.9
-77.5°	80.0	83.4	84.9	86.1	84.9	83.4	80.0	76.5	72.9	69.0	64.1
-80°	55.8	57.8	58.0	58.1	58.0	57.8	55.8	53.7	51.5	49.1	45.7
-82.5°	37.4	38.6	38.7	38.7	38.7	38.6	37.4	36.1	34.8	33.4	31.5
-85°	28.9	30.0	30.1	30.1	30.1	30.0	28.9	27.7	26.5	25.3	23.6
-87.5°	21.0	21.5	22.6	23.7	22.6	21.5	21.0	20.4	19.9	19.3	17.7
-90°	2.7	2.2	1.1	0.0	1.1	2.2	2.7	3.3	3.8	4.3	4.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.0	14.0	12.9	11.8	10.7	9.7	8.6	8.6	8.6	8.6	8.6
87.5°	5.4	6.0	6.5	6.5	6.5	6.5	6.5	7.0	7.6	8.1	8.6
85°	5.4	6.0	6.5	6.9	7.3	7.6	7.8	8.0	8.1	8.3	8.6
82.5°	5.4	6.0	6.5	7.1	7.6	8.1	8.6	8.6	8.6	8.6	8.6
80°	5.5	6.0	6.6	7.1	7.6	8.2	8.6	8.6	8.6	8.6	8.6
77.5°	5.5	6.1	6.6	7.1	7.7	8.2	8.6	8.6	8.6	8.6	8.6
75°	6.9	7.2	7.6	8.1	8.3	8.4	8.8	9.2	9.4	9.3	9.1
72.5°	9.7	10.1	10.6	11.3	11.5	11.9	11.9	11.7	11.4	11.1	10.6
70°	12.4	13.2	14.7	16.6	17.8	18.3	17.6	16.4	15.0	14.3	13.1
67.5°	13.6	14.7	17.5	20.5	22.8	24.5	24.5	23.3	21.5	19.8	16.9
65°	13.8	14.9	18.9	23.1	26.7	29.7	31.7	31.8	30.5	27.4	22.1
62.5°	13.3	14.9	18.2	22.0	26.7	33.2	39.8	42.1	41.9	37.0	29.7
60°	11.6	13.3	15.8	19.0	22.9	31.7	42.7	50.9	55.8	47.9	37.4
57.5°	10.2	11.3	12.9	15.3	18.4	28.3	41.4	56.1	65.3	54.7	44.7
55°	8.4	9.4	10.6	11.9	13.8	23.1	35.3	49.7	60.3	57.1	46.1
52.5°	8.5	9.2	9.8	10.4	12.4	17.7	25.9	39.4	47.4	46.7	43.3
50°	10.5	10.2	10.2	10.6	11.9	13.7	19.0	28.3	32.6	35.9	35.6
47.5°	12.6	12.2	11.2	10.9	12.1	13.4	15.5	17.9	23.1	25.0	27.3
45°	15.1	15.1	14.5	13.9	13.2	13.8	15.0	17.0	18.3	20.5	19.7
42.5°	20.8	19.5	18.3	19.0	17.9	16.7	16.5	18.4	18.9	19.4	20.8
40°	32.3	28.6	27.4	26.9	25.9	22.6	23.2	22.5	22.3	21.0	24.4
37.5°	56.0	48.8	45.1	39.4	37.3	35.1	33.2	31.4	28.4	29.2	30.9
35°	97.2	87.1	76.1	64.3	52.9	51.6	46.9	42.8	40.5	40.6	40.2
32.5°	155.7	156.9	130.3	108.1	89.2	76.1	66.5	56.8	59.3	57.3	52.6
30°	312.4	290.7	247.6	192.8	163.0	120.0	92.9	86.6	82.6	78.3	67.7
27.5°	604.9	506.8	441.9	388.4	285.8	208.1	151.1	123.7	110.8	102.2	93.1
25°	1037.0	857.6	772.6	677.7	526.2	379.4	259.9	183.7	149.0	134.1	154.1
22.5°	1649.7	1520.4	1254.2	1050.6	938.1	752.3	497.0	255.7	209.0	223.5	225.9
20°	2983.9	2726.4	2138.6	1906.1	1653.3	1239.2	837.5	527.0	390.3	338.2	308.4
17.5°	6497.0	4868.3	4288.0	3670.1	2848.7	2005.7	1638.8	1090.1	626.2	471.4	400.5
15°	12326.6	9770.9	8016.7	6440.0	4950.1	3966.4	2940.6	1802.7	982.5	658.0	532.8
12.5°	22669.6	16842.4	12532.0	10274.8	8399.3	6639.7	4767.2	2935.9	1581.3	943.2	732.6
10°	34119.3	25482.3	19078.7	15070.7	12239.1	9669.0	6819.2	4172.7	2259.1	1266.1	937.0
7.5°	47618.1	35191.9	26046.1	19692.9	15594.5	12108.2	8656.9	5417.3	2944.1	1595.5	1142.9
5°	59333.2	43251.5	31315.3	23308.2	18423.4	14449.7	10417.9	6626.6	3608.1	1921.5	1346.4
2.5°	67556.1	49290.3	35709.6	26574.3	20829.3	16281.9	11790.0	7516.9	4044.3	2147.1	1468.2
0°	71809.9	53077.1	38283.7	27772.0	21819.8	16883.7	12576.1	8049.0	4307.6	2329.2	1580.1
-2.5°	70636.6	52170.2	37967.3	28003.8	21982.3	16935.9	12422.2	8127.3	4414.3	2385.1	1589.8
-5°	65364.3	47232.8	34291.2	25499.6	20216.7	15767.6	11638.0	7745.3	4321.8	2371.1	1589.7
-7.5°	56819.7	41234.5	29973.4	22538.2	17940.0	14066.9	10415.1	6921.6	3939.7	2184.3	1506.3
-10°	46451.1	34642.4	25814.3	19950.0	15788.8	12293.7	9080.4	6005.6	3460.4	1968.8	1415.1
-12.5°	37618.1	28643.2	21689.9	17251.2	13776.5	10736.1	7814.9	5062.3	2889.9	1729.5	1317.9
-15°	29647.3	23613.8	18896.3	15036.1	11819.8	9166.6	6601.3	4125.9	2281.2	1480.5	1215.9
-17.5°	24857.3	19797.2	16193.0	13003.1	10194.7	7698.4	5445.9	3372.5	1893.1	1296.8	1130.8
-20°	20867.3	17266.8	13981.0	11119.1	8618.8	6353.7	4272.5	2564.5	1587.2	1200.7	1060.4



REPORT NUMBER: P1305751 (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°	17668.4	14875.6	11979.3	9292.3	7016.1	5034.3	3260.8	1878.6	1249.5	1103.1	985.8
-25°	14491.2	12418.3	9997.6	7716.1	5540.3	3689.8	2283.4	1516.0	1153.0	1012.3	907.6
-27.5°	11557.4	9812.2	8151.8	6105.8	4175.9	2645.7	1679.4	1206.3	1074.8	950.4	830.5
-30°	8914.7	7567.8	6121.1	4479.5	2974.1	1837.0	1280.6	1121.9	1005.7	890.9	776.3
-32.5°	6639.9	5474.7	4190.9	3004.2	1955.6	1380.0	1168.0	1042.7	938.3	832.9	740.8
-35°	4591.5	3619.1	2605.5	1909.8	1380.5	1212.7	1097.7	985.2	873.7	779.2	707.1
-37.5°	2849.5	2147.8	1720.3	1337.0	1237.6	1138.6	1037.7	923.7	813.9	739.0	676.4
-40°	1807.5	1437.2	1330.3	1238.2	1156.5	1076.4	963.1	852.6	774.0	700.5	646.4
-42.5°	1387.1	1303.2	1227.7	1156.8	1076.7	977.0	881.4	806.4	734.8	671.0	625.1
-45°	1262.2	1199.9	1137.0	1054.0	963.1	890.7	827.8	760.7	696.9	648.5	606.6
-47.5°	1141.4	1075.9	1006.0	944.6	882.2	823.4	770.0	714.7	669.5	625.3	566.3
-50°	1003.1	954.1	904.5	856.1	807.6	758.0	718.5	684.0	634.8	577.7	515.7
-52.5°	889.1	852.9	814.6	775.2	742.7	710.2	676.9	630.5	579.4	514.5	446.3
-55°	792.0	768.2	744.2	719.3	690.3	648.7	606.8	558.1	499.7	436.2	376.0
-57.5°	726.1	705.1	674.9	642.7	608.7	562.4	511.6	461.3	414.9	360.5	305.4
-60°	636.7	613.2	576.8	536.6	493.1	448.7	410.6	371.1	330.4	285.2	238.4
-62.5°	516.9	485.7	453.6	421.3	386.2	349.9	317.3	284.3	248.7	210.5	178.5
-65°	402.7	376.9	348.7	320.2	290.5	259.6	231.1	204.9	179.8	152.9	126.5
-67.5°	299.7	275.3	250.7	227.9	207.8	185.4	164.5	142.7	127.0	113.4	99.4
-70°	218.9	201.4	183.7	164.9	147.6	132.9	121.0	109.7	97.6	83.8	69.9
-72.5°	156.0	144.1	132.5	120.9	109.9	98.2	86.0	73.8	61.7	49.8	41.2
-75°	98.9	91.0	82.1	72.7	63.1	53.2	47.1	43.0	38.9	34.8	30.9
-77.5°	59.1	54.2	49.5	45.6	41.6	37.5	33.5	30.6	28.5	26.5	24.7
-80°	42.3	39.0	35.8	33.1	30.6	28.1	25.9	24.4	22.9	21.6	20.3
-82.5°	29.5	27.5	25.5	23.9	22.3	20.6	19.0	18.1	17.3	16.5	15.8
-85°	21.8	20.0	18.1	16.9	15.8	14.6	13.5	13.3	13.1	12.8	12.6
-87.5°	16.1	14.5	12.9	12.3	11.7	11.1	10.4	10.3	10.3	10.2	10.2
-90°	5.4	6.0	6.5	6.5	6.5	6.5	6.5	7.0	7.6	8.1	8.6



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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°	8.6	8.6	8.6	8.6	9.2	9.7	10.3	10.8	10.2	9.7	9.2
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	9.0	9.1
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.0	9.4	9.6
82.5°	8.6	8.6	8.6	8.6	9.0	9.2	9.2	9.2	9.4	9.8	10.1
80°	8.6	8.6	8.6	8.7	9.2	9.8	10.1	10.1	10.0	10.1	10.4
77.5°	8.6	8.6	8.6	8.7	9.3	9.8	10.4	10.8	10.6	10.5	10.6
75°	8.7	8.6	8.6	8.8	9.3	9.9	10.4	10.8	10.8	10.8	10.7
72.5°	10.1	9.6	9.1	8.9	9.4	10.0	10.5	10.8	10.8	10.8	10.8
70°	12.0	11.0	10.4	9.9	9.8	10.0	10.6	10.8	10.8	10.8	10.8
67.5°	14.0	12.7	11.6	10.9	10.5	10.4	10.7	10.8	10.8	10.8	10.8
65°	18.7	15.5	12.8	11.8	11.1	10.7	10.8	10.8	10.8	10.8	10.8
62.5°	23.9	19.5	16.1	13.1	11.5	11.0	10.8	10.8	10.8	10.8	10.8
60°	29.3	23.5	19.3	15.9	12.8	11.1	10.8	10.8	10.8	10.8	10.8
57.5°	34.4	26.7	22.0	18.3	15.1	12.1	10.8	10.8	10.8	10.8	10.8
55°	37.4	29.5	24.3	20.0	16.8	13.8	11.4	10.8	10.8	10.8	10.8
52.5°	35.7	30.7	26.1	21.4	17.7	15.2	12.8	10.8	10.8	10.8	10.8
50°	31.3	30.1	26.8	22.3	18.3	15.9	14.0	11.8	10.8	10.8	10.9
47.5°	28.3	28.8	26.9	22.8	18.5	16.6	14.8	12.7	10.8	10.8	11.1
45°	24.9	27.3	26.7	23.3	19.1	17.2	15.4	13.5	11.5	10.9	11.3
42.5°	22.4	25.9	26.1	24.0	20.7	17.8	15.9	14.0	12.0	11.0	11.4
40°	25.5	25.4	26.2	25.6	22.8	18.4	16.4	14.5	12.5	11.3	11.5
37.5°	30.5	28.5	27.0	29.9	25.6	20.5	16.9	14.9	13.3	12.0	11.7
35°	38.5	34.4	33.5	36.1	31.3	22.7	17.3	15.3	14.3	12.6	11.8
32.5°	48.5	45.6	44.9	43.6	38.9	25.2	18.7	16.9	15.4	13.1	11.9
30°	64.5	66.4	58.3	52.7	47.7	32.2	21.8	18.7	16.8	13.7	12.2
27.5°	99.8	93.3	75.0	65.0	56.5	41.4	26.7	20.7	18.4	14.5	12.6
25°	146.5	129.0	101.4	78.9	66.3	64.7	32.3	23.1	20.1	15.7	13.1
22.5°	207.3	172.7	132.0	93.8	101.2	95.0	44.8	27.7	21.9	16.9	13.5
20°	276.8	222.8	174.2	145.1	142.0	125.8	67.1	32.5	23.9	18.3	13.9
17.5°	353.6	307.4	264.2	211.5	185.4	159.8	93.0	37.5	26.0	19.6	14.3
15°	490.8	434.4	362.1	283.6	230.8	196.5	121.9	42.7	28.1	21.0	14.9
12.5°	647.9	567.9	465.3	360.0	277.6	235.1	152.6	48.0	30.2	23.0	16.0
10°	809.4	705.7	571.9	438.9	325.3	274.9	184.2	54.8	34.6	25.4	17.1
7.5°	973.1	845.3	679.8	518.7	373.9	317.4	219.3	65.1	39.5	27.8	18.2
5°	1125.9	968.0	770.6	587.6	425.6	361.9	253.3	75.3	44.4	30.2	19.3
2.5°	1230.1	1061.2	846.9	650.5	476.3	404.9	284.6	85.3	49.2	32.4	20.5
0°	1328.2	1147.4	917.1	708.2	525.3	445.6	312.1	94.7	53.8	34.4	21.5
-2.5°	1346.3	1162.1	926.9	722.9	545.4	461.3	322.6	111.8	65.2	40.6	24.5
-5°	1356.9	1167.7	930.2	732.4	563.0	473.3	328.6	127.8	75.9	46.4	27.4
-7.5°	1303.8	1130.3	912.7	733.7	578.0	481.4	330.5	142.3	85.8	51.7	30.0
-10°	1232.7	1064.3	867.1	706.6	573.5	480.2	328.6	155.0	94.5	56.3	32.4
-12.5°	1158.1	993.6	819.9	678.0	564.9	471.4	322.6	166.2	102.0	60.2	34.4
-15°	1081.0	919.3	772.4	649.0	555.9	461.0	314.5	175.6	109.3	63.9	36.0
-17.5°	1005.8	842.3	725.9	620.4	547.0	449.5	304.9	182.5	114.7	67.4	37.8
-20°	933.3	783.9	682.5	593.3	538.5	437.3	294.3	186.9	118.3	69.5	39.4



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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°	860.3	743.7	654.0	578.2	526.2	424.8	283.2	188.5	119.9	70.3	40.6
-25°	789.8	704.7	627.5	567.9	507.9	406.5	277.7	187.2	119.3	69.6	41.1
-27.5°	739.5	669.1	601.5	556.4	486.3	389.2	275.0	186.1	117.2	67.2	41.0
-30°	699.0	640.0	585.1	540.3	464.2	363.7	268.6	182.1	114.5	65.8	40.3
-32.5°	670.0	612.7	570.0	514.7	435.6	336.5	252.8	175.0	109.5	64.8	39.3
-35°	646.3	594.2	552.8	489.1	403.2	312.8	232.4	164.7	102.1	62.8	37.7
-37.5°	621.2	579.6	524.9	458.3	369.4	286.3	212.0	148.5	92.5	60.0	35.4
-40°	604.6	558.3	498.3	420.3	336.9	257.4	189.3	132.1	86.3	56.2	32.4
-42.5°	585.7	527.0	458.3	380.6	302.5	229.7	164.9	114.6	79.2	51.8	28.7
-45°	549.3	486.8	411.1	338.0	266.1	199.5	144.2	97.3	70.9	46.7	25.3
-47.5°	505.5	432.5	361.5	292.6	229.7	169.2	122.4	87.0	61.8	40.5	23.2
-50°	443.6	375.6	309.5	248.7	190.3	143.8	101.9	75.7	52.9	32.7	20.7
-52.5°	380.2	316.4	259.0	204.5	158.3	117.2	88.0	63.6	43.3	27.5	17.8
-55°	315.2	260.4	209.9	166.0	126.9	97.8	73.1	52.2	33.3	23.5	14.9
-57.5°	254.8	206.5	166.9	130.0	102.5	79.9	58.7	40.1	27.5	19.4	15.1
-60°	195.7	160.6	126.1	103.4	83.0	62.8	44.4	30.0	22.9	16.1	15.2
-62.5°	146.7	118.5	100.7	82.2	63.9	46.4	31.3	25.0	18.3	15.9	15.2
-65°	110.7	94.6	78.0	61.4	45.2	32.4	26.0	20.0	16.8	15.6	14.9
-67.5°	85.0	69.7	54.9	40.2	32.2	26.3	20.6	17.7	16.0	15.1	14.3
-70°	56.6	43.6	36.2	30.7	25.3	20.6	18.3	16.3	15.1	14.4	13.7
-72.5°	36.7	32.2	27.5	23.0	20.9	18.7	16.5	14.9	14.3	13.7	13.1
-75°	26.9	24.6	22.6	20.8	18.8	16.8	15.1	14.0	13.5	13.0	12.4
-77.5°	22.9	21.4	19.9	18.2	16.4	14.9	13.8	13.1	12.7	12.3	11.8
-80°	18.9	17.5	16.1	14.7	13.6	12.9	12.6	12.2	11.9	11.6	11.2
-82.5°	14.6	13.7	12.9	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.6
-85°	12.1	11.7	11.4	11.1	11.0	10.8	10.8	10.8	10.7	10.4	10.1
-87.5°	10.1	10.0	9.9	9.9	10.0	10.3	10.5	10.8	10.5	10.1	9.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.6	9.2	9.7	10.3	10.8	9.7	8.6
87.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6
85°	9.7	9.6	9.4	9.2	9.0	8.8	8.6
82.5°	10.3	10.0	9.7	9.5	9.2	8.9	8.6
80°	10.8	10.5	10.1	9.7	9.4	9.0	8.6
77.5°	10.8	10.8	10.5	10.0	9.6	9.1	8.6
75°	10.8	10.8	10.8	10.3	9.7	9.2	8.6
72.5°	10.8	10.8	10.8	10.6	9.9	9.3	8.6
70°	10.8	10.8	10.8	10.8	10.1	9.4	8.6
67.5°	10.8	10.8	10.8	10.8	10.3	9.4	8.6
65°	10.8	10.8	10.8	10.8	10.5	9.5	8.6
62.5°	10.8	10.8	10.8	10.8	10.6	9.6	8.6
60°	10.8	10.8	10.8	10.8	10.8	9.7	8.6
57.5°	10.8	10.8	10.8	10.8	10.8	9.8	8.6
55°	10.8	10.8	10.8	10.8	10.8	9.9	8.6
52.5°	10.8	10.8	10.8	10.8	10.8	9.9	8.6
50°	10.8	10.8	10.8	10.8	10.8	10.0	8.6
47.5°	10.8	10.8	10.8	10.8	10.8	10.1	8.6
45°	11.0	10.8	10.8	10.8	10.8	10.2	8.6
42.5°	11.2	10.8	10.8	10.8	10.8	10.2	8.6
40°	11.4	10.8	10.8	10.8	10.8	10.3	8.6
37.5°	11.7	10.8	10.8	10.8	10.8	10.3	8.6
35°	12.0	10.9	10.8	10.8	10.8	10.4	8.6
32.5°	12.2	11.2	10.8	10.8	10.8	10.5	8.6
30°	12.3	11.4	10.8	10.8	10.8	10.5	8.6
27.5°	12.5	11.6	10.8	10.8	10.8	10.6	8.6
25°	12.6	11.9	10.8	10.8	10.8	10.6	8.6
22.5°	12.7	12.1	10.8	10.8	10.8	10.6	8.6
20°	12.9	12.3	10.8	10.8	10.8	10.7	8.6
17.5°	13.0	12.4	10.8	10.8	10.8	10.7	8.6
15°	13.3	12.5	10.8	10.8	10.8	10.7	8.6
12.5°	13.5	12.6	10.8	10.8	10.8	10.7	8.6
10°	13.8	12.7	10.8	10.8	10.8	10.8	8.6
7.5°	14.1	12.8	10.8	10.8	10.8	10.8	8.6
5°	14.5	12.9	10.8	10.8	10.8	10.8	8.6
2.5°	14.8	12.9	10.8	10.8	10.8	10.8	8.6
0°	15.1	12.9	10.8	10.8	10.8	10.8	8.6
-2.5°	16.5	13.1	10.8	10.8	10.8	10.8	8.6
-5°	17.9	13.3	10.8	10.8	10.8	10.8	8.6
-7.5°	19.1	13.5	10.8	10.8	10.8	10.8	8.6
-10°	20.2	13.6	10.8	10.8	10.8	10.8	8.6
-12.5°	21.1	13.7	10.8	10.8	10.8	10.8	8.6
-15°	21.7	13.7	10.8	10.8	10.8	10.7	8.6
-17.5°	22.1	13.7	10.8	10.8	10.8	10.7	8.6
-20°	22.5	13.6	10.8	10.8	10.8	10.7	8.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.0	13.4	10.8	10.8	10.8	10.7	8.6
-25°	23.1	13.4	10.8	10.8	10.8	10.6	8.6
-27.5°	22.7	13.4	10.8	10.8	10.8	10.6	8.6
-30°	21.9	13.2	10.8	10.8	10.8	10.6	8.6
-32.5°	20.6	12.9	11.0	10.8	10.8	10.5	8.6
-35°	19.8	12.3	11.1	10.8	10.8	10.5	8.6
-37.5°	19.2	12.0	11.3	10.8	10.8	10.5	8.6
-40°	18.3	12.1	11.4	10.8	10.8	10.5	8.6
-42.5°	17.0	12.3	11.5	10.8	10.8	10.4	8.6
-45°	15.5	12.5	11.6	10.9	10.8	10.4	8.6
-47.5°	13.8	12.6	11.7	10.9	10.8	10.3	8.6
-50°	13.6	12.8	11.7	10.9	10.8	10.3	8.6
-52.5°	13.8	12.9	11.7	11.0	10.8	10.3	8.6
-55°	14.0	12.9	11.7	11.0	10.8	10.2	8.6
-57.5°	14.1	12.8	11.6	11.0	10.8	10.2	8.6
-60°	14.2	12.7	11.6	11.0	10.8	10.2	8.6
-62.5°	13.9	12.5	11.5	10.9	10.8	10.1	8.6
-65°	13.6	12.3	11.4	10.9	10.8	10.1	8.6
-67.5°	13.2	12.0	11.3	10.9	10.8	10.1	8.6
-70°	12.8	11.8	11.1	10.8	10.8	10.0	8.6
-72.5°	12.3	11.5	11.0	10.8	10.8	10.0	8.6
-75°	11.9	11.2	10.8	10.7	10.8	10.0	8.6
-77.5°	11.4	10.9	10.7	10.6	10.8	9.9	8.6
-80°	10.9	10.6	10.5	10.5	10.8	9.9	8.6
-82.5°	10.3	10.2	10.3	10.5	10.8	9.8	8.6
-85°	9.7	9.9	10.1	10.4	10.8	9.8	8.6
-87.5°	9.2	9.5	9.9	10.3	10.8	9.7	8.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6

(END OF REPORT)