

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: P1305485 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-80-4S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

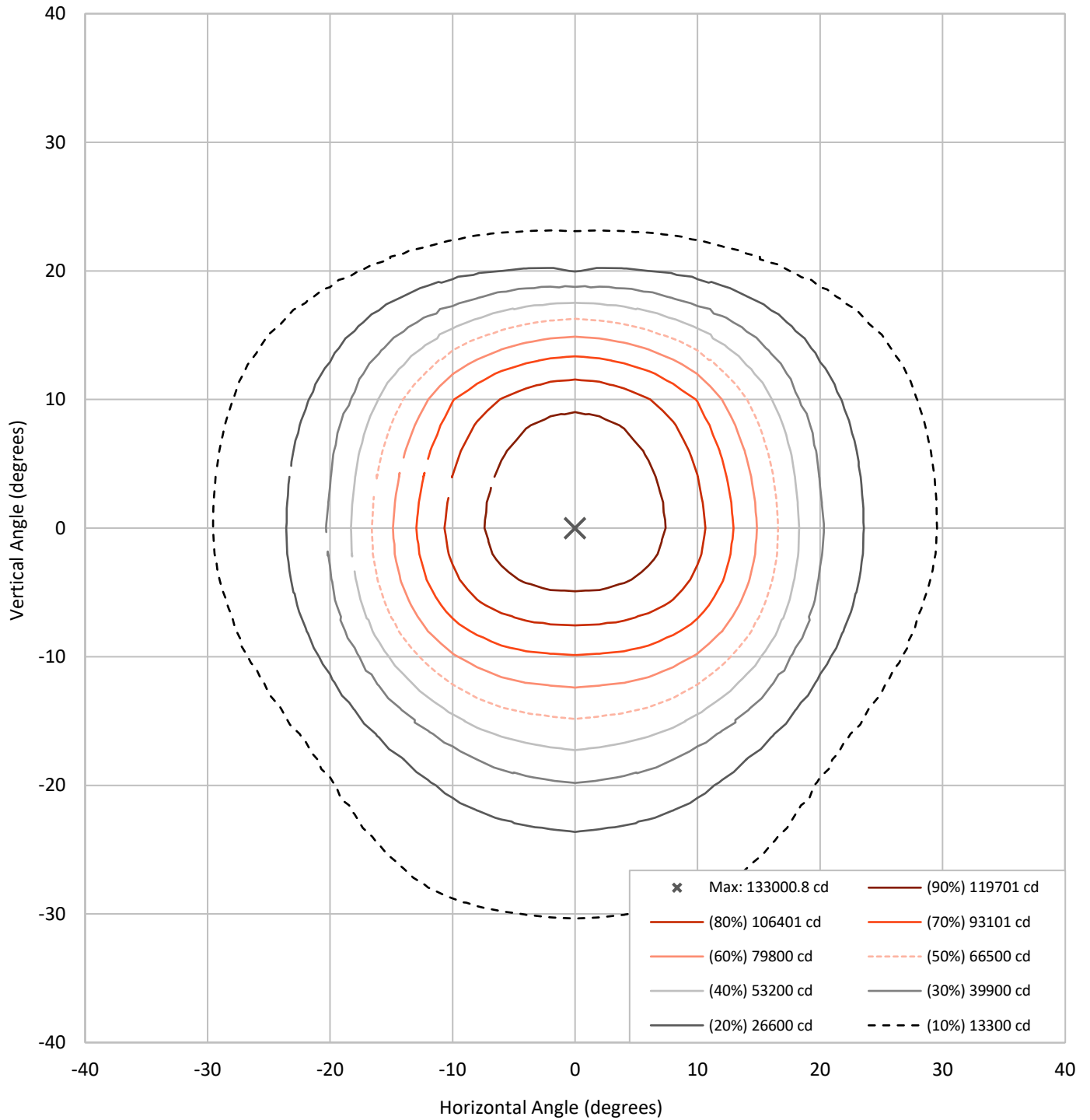
Test Method: LM-79-08  
Report Number: P1305485 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320L-40-80-4S-CV1-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	45316.1 lumens	Max Intensity:	133000.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	24767 lumens	Field Lumens:	39907.7 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





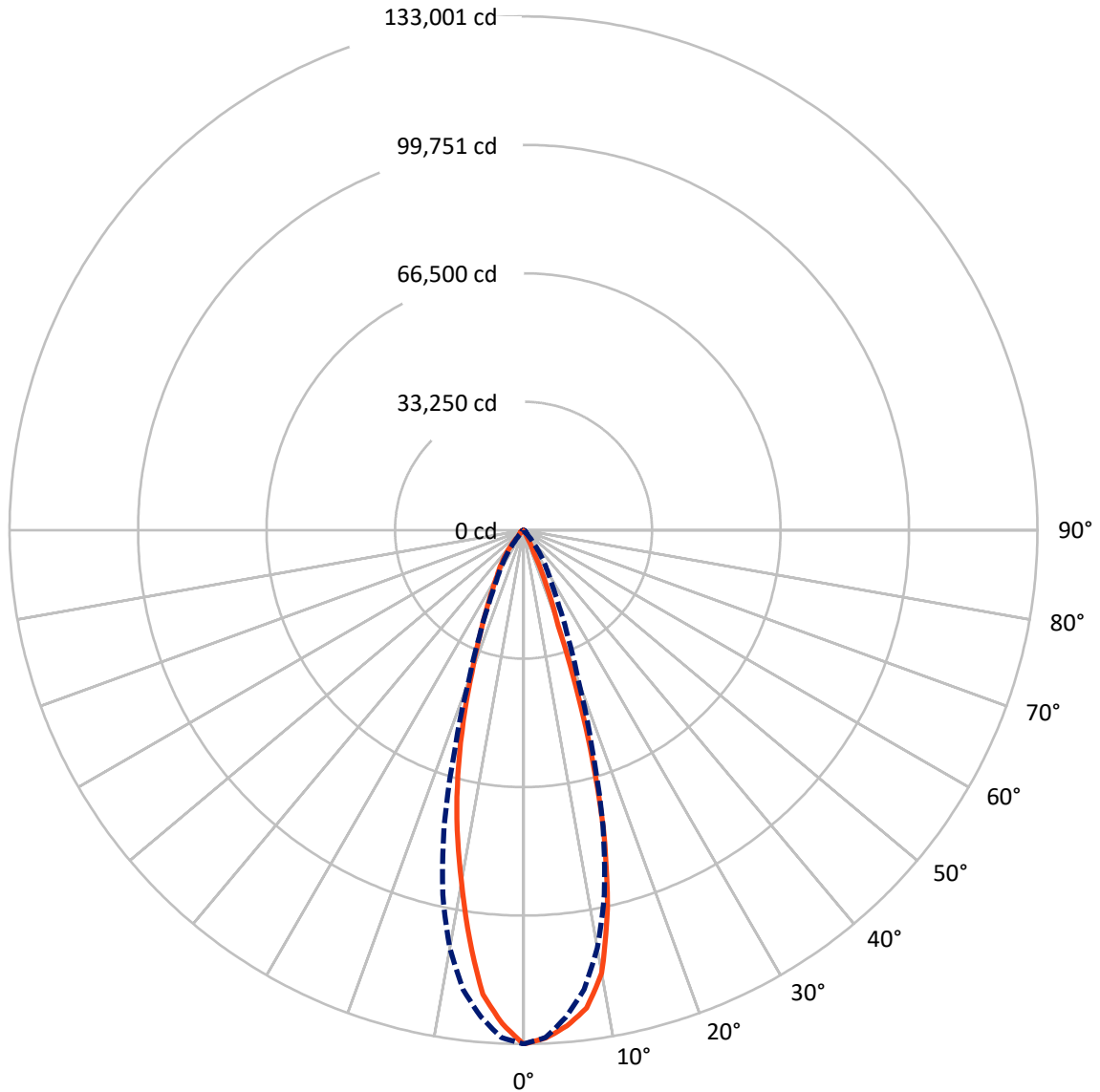
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### Lumen Table

90	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0			
80	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0			
70	0.0	0.0	0.1	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0.0	
60		0.0	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2		0.0
50	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1
40		0.1	0.5	1.3	2.5	4.3	6.5	8.0	8.0	6.5	4.3	2.5	1.3	0.5	
30	0.1	0.3	2.2	6.8	26.9	84.0	168.2	273.1	273.1	168.2	84.0	26.9	6.8	2.2	0.1
20		0.7	5.0	16.4	111.2	379.7	1133.2	2112.7	2112.7	1133.2	379.7	111.2	16.4	5.0	
10	0.1	1.1	6.9	23.5	173.2	616.9	2115.6	3623.5	3623.5	2115.6	616.9	173.2	23.5	6.9	0.1
0		1.4	7.4	24.1	171.0	595.1	2047.7	3372.9	3372.9	2047.7	595.1	171.0	24.1	7.4	
-10	0.3	1.7	7.1	18.6	101.7	336.2	1033.3	1842.0	1842.0	1033.3	336.2	101.7	18.6	7.1	0.3
-20		1.7	6.8	14.4	47.9	182.3	419.9	669.9	669.9	419.9	182.3	47.9	14.4	6.8	
-30	0.2	1.4	6.1	12.2	23.6	67.7	169.6	257.6	257.6	169.6	67.7	23.6	12.2	6.1	0.2
-40		0.9	4.4	10.5	17.7	27.0	41.0	55.7	55.7	41.0	27.0	17.7	10.5	4.4	
-50	0.1	0.5	2.3	6.8	13.3	19.1	24.6	28.1	28.1	24.6	19.1	13.3	6.8	2.3	0.1
-60		0.2	0.8	2.4	5.3	8.9	12.5	14.5	14.5	12.5	8.9	5.3	2.4	0.8	
-70	0.1	0.5	2.3	6.8	13.3	19.1	24.6	28.1	28.1	24.6	19.1	13.3	6.8	2.3	0.1
-80		0.2	0.8	2.4	5.3	8.9	12.5	14.5	14.5	12.5	8.9	5.3	2.4	0.8	
-90	0.1	0.4	1.7	4.3	5.7	4.3	1.7	0.4	0.1						

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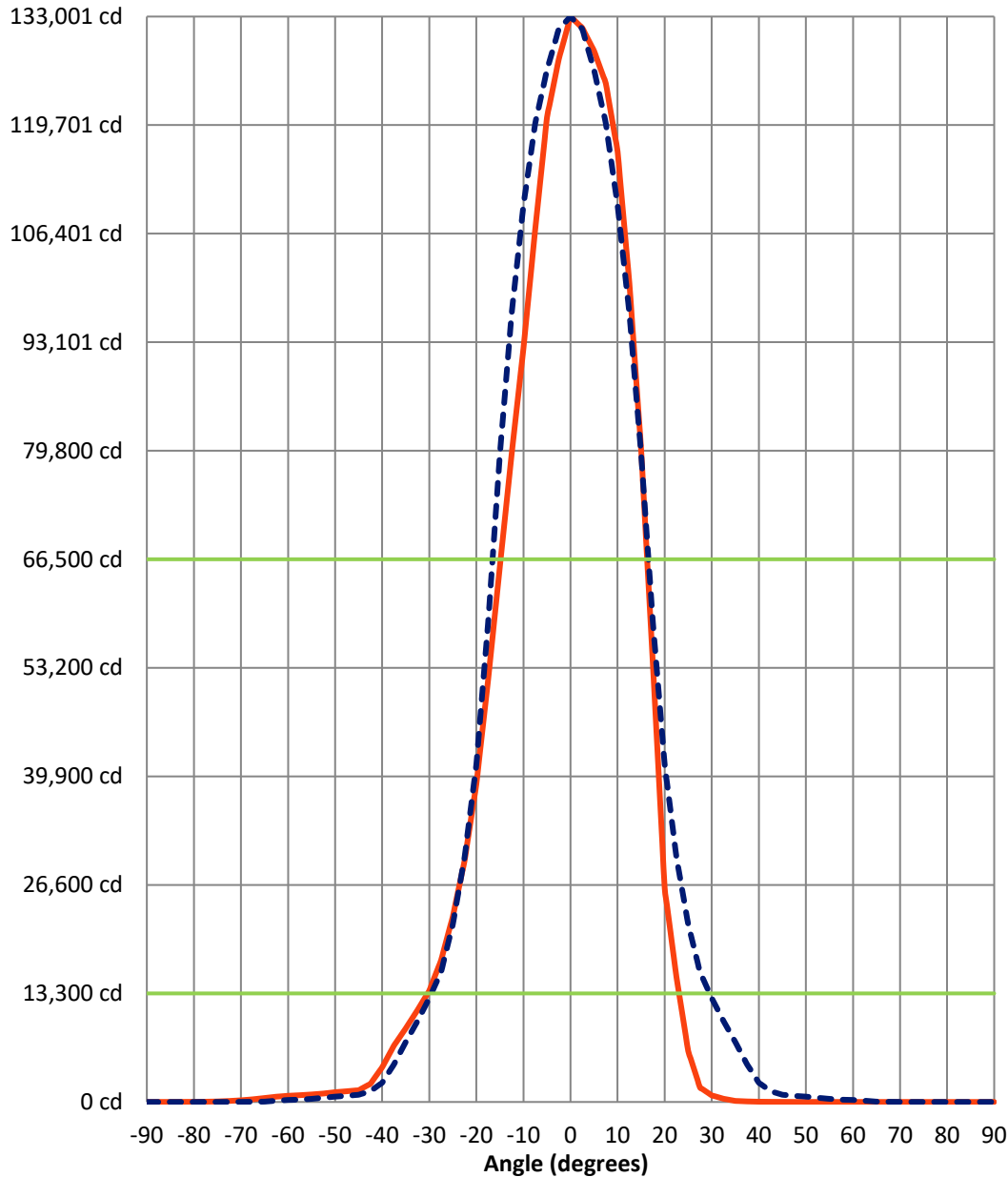
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 31.1°  
 Lumens: 24767  
 Efficiency: 54.7%

**Field:**  
 H Angle: 59.1°  
 V Angle: 53.4°  
 Lumens: 39907.7  
 Efficiency: 88.1%

**Spill:**  
 Lumens: 5408.3  
 Efficiency: 11.9%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	2.3	1.7	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
85°	2.3	1.8	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1
82.5°	2.3	1.8	1.4	1.5	1.4	1.3	1.1	1.1	1.1	1.1	1.1
80°	2.3	1.8	1.5	1.6	1.5	1.4	1.2	1.3	1.3	1.3	1.1
77.5°	2.3	1.8	1.6	1.7	1.6	1.5	1.5	1.6	1.6	1.4	1.3
75°	2.3	1.9	1.7	1.8	1.8	1.7	1.8	1.9	1.8	1.7	1.8
72.5°	2.3	1.9	1.8	1.9	1.9	1.9	2.1	2.1	2.0	2.0	2.2
70°	2.3	1.9	1.9	2.1	2.0	2.1	2.3	2.2	2.2	2.3	2.3
67.5°	2.3	2.0	2.0	2.1	2.1	2.2	2.3	2.2	2.3	2.3	2.3
65°	2.3	2.0	2.1	2.1	2.1	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	2.3	2.0	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3
60°	2.3	2.0	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.1	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
52.5°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
50°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.0
47.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.8
45°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.9	4.5
42.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.6	5.4
40°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.7	4.2	6.4
37.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.5	3.3	4.9	7.4
35°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.7	3.8	5.8	8.2
32.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.8	4.4	6.7	9.1
30°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.1	4.9	7.5	10.1
27.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.6	3.5	5.4	8.3	11.3
25°	2.3	2.3	2.3	2.3	2.3	2.3	2.7	3.9	6.1	9.2	12.6
22.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.8	4.2	6.7	10.1	15.3
20°	2.3	2.3	2.3	2.3	2.3	2.4	3.0	4.6	7.2	11.2	18.3
17.5°	2.3	2.3	2.3	2.3	2.3	2.5	3.2	4.9	7.7	12.3	21.4
15°	2.3	2.3	2.3	2.3	2.3	2.6	3.4	5.3	8.2	13.4	24.6
12.5°	2.3	2.3	2.3	2.3	2.3	2.7	3.6	5.8	8.9	14.5	27.9
10°	2.3	2.3	2.3	2.3	2.3	2.9	3.9	6.3	9.9	16.4	31.2
7.5°	2.3	2.3	2.3	2.3	2.3	3.0	4.1	6.7	11.0	18.5	34.8
5°	2.3	2.3	2.3	2.3	2.3	3.1	4.3	7.2	12.0	20.5	38.1
2.5°	2.3	2.3	2.3	2.3	2.3	3.3	4.4	7.6	12.9	22.4	41.0
0°	2.3	2.3	2.3	2.3	2.3	3.4	4.6	8.0	13.8	24.1	43.6
-2.5°	2.3	2.3	2.3	2.3	2.4	3.8	5.7	10.1	18.5	32.5	56.2
-5°	2.3	2.3	2.3	2.3	2.5	4.1	6.7	12.2	23.1	40.6	68.2
-7.5°	2.3	2.3	2.3	2.3	2.6	4.5	7.6	14.1	27.3	48.1	79.4
-10°	2.3	2.3	2.3	2.3	2.7	4.8	8.5	15.9	31.0	54.9	89.5
-12.5°	2.3	2.3	2.3	2.3	2.7	5.0	9.3	17.4	34.2	60.7	98.4
-15°	2.3	2.3	2.3	2.3	2.8	5.2	10.0	18.7	36.8	65.2	105.7
-17.5°	2.3	2.3	2.3	2.3	2.8	5.4	10.5	19.9	38.8	68.5	111.1
-20°	2.3	2.3	2.3	2.3	2.9	5.5	10.9	21.0	40.0	70.6	114.4



REPORT NUMBER: P1305485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320L-40-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.3	2.3	2.3	2.3	2.9	5.5	11.3	21.7	40.4	71.3	115.4
-25°	2.3	2.3	2.3	2.3	2.9	5.5	11.5	22.0	40.0	70.7	114.0
-27.5°	2.3	2.3	2.3	2.3	2.9	5.5	11.4	21.9	38.7	69.1	113.0
-30°	2.3	2.3	2.3	2.3	2.8	5.4	11.1	21.3	37.8	67.5	110.0
-32.5°	2.3	2.3	2.3	2.3	2.9	5.2	10.6	20.9	37.0	64.5	105.1
-35°	2.3	2.3	2.3	2.3	2.9	4.8	10.2	20.2	35.7	60.3	98.0
-37.5°	2.3	2.3	2.3	2.3	2.9	4.6	9.7	19.1	33.7	54.8	89.3
-40°	2.3	2.3	2.3	2.3	2.9	4.6	9.2	17.6	31.0	50.9	80.6
-42.5°	2.3	2.3	2.3	2.3	2.9	4.5	8.4	15.7	28.5	46.4	70.5
-45°	2.3	2.3	2.3	2.3	2.9	4.4	7.5	14.0	25.9	41.3	60.0
-47.5°	2.3	2.3	2.3	2.4	2.9	4.3	6.4	12.7	22.8	35.7	53.6
-50°	2.3	2.3	2.3	2.4	2.9	4.2	6.1	11.2	18.8	31.1	46.6
-52.5°	2.3	2.3	2.3	2.4	2.9	4.0	5.9	9.5	15.9	25.9	39.2
-55°	2.3	2.3	2.3	2.4	2.9	3.9	5.6	7.7	13.5	20.3	32.6
-57.5°	2.3	2.3	2.3	2.4	2.8	3.8	5.3	7.3	10.9	16.7	25.5
-60°	2.3	2.3	2.3	2.4	2.7	3.6	5.0	6.8	8.7	13.7	19.2
-62.5°	2.3	2.3	2.3	2.4	2.7	3.4	4.7	6.3	8.0	10.5	15.6
-65°	2.3	2.3	2.3	2.4	2.6	3.1	4.3	5.7	7.3	9.1	11.9
-67.5°	2.3	2.3	2.3	2.3	2.5	3.0	3.8	5.2	6.5	8.2	10.0
-70°	2.3	2.3	2.3	2.3	2.5	2.8	3.4	4.6	5.9	7.2	8.8
-72.5°	2.3	2.3	2.3	2.3	2.4	2.7	3.1	4.0	5.2	6.4	7.6
-75°	2.3	2.3	2.3	2.3	2.3	2.5	2.9	3.6	4.5	5.6	6.7
-77.5°	2.3	2.3	2.3	2.3	2.3	2.4	2.6	3.2	4.0	4.8	5.8
-80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	3.4	4.1	4.9
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.9	3.4	4.0
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.7	2.9	3.2
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.6	2.8
-90°	2.3	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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 CATALOG NUMBER: EPH-08-320L-40-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.5	1.6
80°	1.1	1.1	1.1	1.1	1.2	1.4	1.7	2.0	2.2	2.3	2.3
77.5°	1.4	1.4	1.4	1.2	1.3	1.6	1.9	2.2	2.3	2.3	2.3
75°	1.8	1.8	1.5	1.2	1.3	1.6	1.9	2.2	2.3	2.3	2.3
72.5°	2.1	1.8	1.5	1.3	1.5	1.9	2.2	2.3	2.8	3.5	4.0
70°	2.2	1.9	1.8	1.8	2.1	2.5	3.5	4.8	6.0	6.5	6.9
67.5°	2.2	2.1	2.1	2.4	3.2	4.3	5.8	7.6	9.4	10.0	10.7
65°	2.3	2.3	2.6	3.3	4.5	6.2	8.2	10.3	13.4	15.0	15.7
62.5°	2.3	2.5	3.1	4.3	6.2	8.2	10.9	14.3	18.5	21.1	21.0
60°	2.3	2.6	3.8	5.7	7.8	10.3	13.7	18.5	24.4	28.6	25.7
57.5°	2.3	3.1	4.9	7.0	9.4	12.1	16.8	22.7	28.1	33.7	28.9
55°	2.6	3.9	5.9	8.2	10.9	14.2	18.8	23.5	29.3	31.5	26.3
52.5°	3.5	4.8	6.8	9.4	12.7	15.4	17.9	22.0	24.2	25.2	21.7
50°	4.4	5.8	7.7	10.9	13.7	15.2	15.5	18.1	19.1	18.2	16.6
47.5°	5.3	6.9	8.7	11.8	13.8	14.5	14.0	14.5	14.4	14.2	12.0
45°	6.4	8.1	10.1	12.2	13.7	13.5	13.3	11.7	13.3	12.8	11.8
42.5°	7.4	9.3	11.3	12.7	13.1	13.8	13.7	14.2	14.3	14.9	16.1
40°	8.4	10.3	12.7	13.7	13.3	15.5	18.6	20.1	18.1	21.8	25.1
37.5°	9.3	11.8	14.8	17.1	15.8	20.5	25.5	33.6	34.7	32.3	41.2
35°	10.0	13.4	19.6	25.1	26.5	28.6	42.8	55.6	63.7	59.0	65.8
32.5°	11.2	15.2	26.2	38.1	47.6	50.2	65.1	92.1	107.9	110.5	106.1
30°	13.2	21.4	36.1	54.6	75.7	94.6	107.6	138.6	164.3	192.4	209.1
27.5°	16.2	29.4	51.9	80.6	112.4	147.7	177.1	200.9	248.1	295.9	337.1
25°	19.6	45.6	70.0	113.0	163.5	212.3	253.2	289.8	351.9	426.6	551.5
22.5°	28.1	66.5	100.2	149.5	220.5	282.3	337.4	394.2	470.0	570.7	831.9
20°	43.4	92.5	134.6	187.2	279.2	355.1	425.1	496.6	591.6	802.3	1375.5
17.5°	60.9	119.7	167.8	228.6	323.0	419.6	515.6	594.3	709.4	1020.3	1974.0
15°	80.1	147.7	197.7	266.6	364.5	469.6	576.9	689.6	865.0	1310.9	2542.1
12.5°	100.5	175.9	224.6	301.0	403.5	517.2	626.1	748.0	1005.5	1751.7	3265.0
10°	121.2	204.1	249.0	331.9	439.7	561.8	669.9	797.3	1115.5	2033.9	3769.7
7.5°	134.5	224.1	268.8	359.5	472.7	603.0	708.7	837.9	1208.8	2212.9	4122.5
5°	144.6	234.3	275.4	371.9	494.4	633.1	738.7	870.4	1283.9	2300.5	4366.3
2.5°	152.2	242.3	280.7	379.3	507.7	647.1	747.7	882.7	1315.0	2353.5	4535.3
0°	157.4	248.1	284.9	383.7	516.9	655.9	752.4	889.1	1319.8	2368.6	4617.6
-2.5°	166.0	252.7	293.5	391.4	521.8	658.7	756.2	894.1	1339.1	2439.4	4743.5
-5°	172.3	255.3	300.8	396.2	522.5	656.6	756.2	892.8	1328.0	2414.8	4584.7
-7.5°	176.6	256.4	306.5	397.8	515.6	642.2	740.8	867.4	1258.3	2259.5	4153.5
-10°	179.8	260.2	313.8	395.4	500.3	618.9	719.1	836.5	1168.5	2041.3	3653.9
-12.5°	184.6	266.3	320.8	391.8	484.3	592.1	693.9	800.6	1059.7	1760.3	3089.2
-15°	187.0	271.3	327.4	387.7	468.6	562.3	665.3	760.2	937.7	1421.2	2462.2
-17.5°	187.0	275.5	333.6	383.5	454.2	530.0	636.7	730.8	851.8	1212.7	2025.1
-20°	184.7	279.1	339.7	379.7	442.1	509.9	613.3	710.1	816.6	1056.6	1591.5



REPORT NUMBER: P1305485 (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°	179.9	282.1	343.6	382.7	437.7	501.6	586.7	685.4	780.1	889.8	1260.5
-25°	176.8	274.5	344.1	385.8	433.1	492.7	557.9	656.3	746.0	851.6	1086.1
-27.5°	174.7	264.1	337.8	386.6	427.4	484.0	541.2	622.0	719.9	818.1	925.3
-30°	169.3	245.3	329.1	383.0	425.1	476.0	530.0	590.8	689.9	785.1	883.8
-32.5°	158.5	225.5	309.7	371.5	421.3	467.2	518.6	573.3	651.7	749.8	840.6
-35°	146.1	210.1	285.8	357.0	413.8	458.5	505.4	557.2	614.9	704.0	804.9
-37.5°	134.5	192.3	261.2	335.6	395.3	449.4	490.3	539.4	593.0	654.4	755.2
-40°	120.7	172.0	238.2	308.2	375.1	434.5	480.5	519.8	569.4	631.9	694.4
-42.5°	105.4	154.4	213.3	280.1	346.3	409.5	469.2	507.5	551.3	609.7	669.5
-45°	92.8	134.4	186.7	248.5	312.3	378.2	438.9	498.8	540.7	587.5	644.3
-47.5°	78.6	113.9	161.8	214.5	275.2	337.9	402.9	465.1	529.1	573.9	618.5
-50°	65.1	96.4	134.0	182.5	235.5	294.6	355.7	424.1	488.5	550.9	602.6
-52.5°	56.5	77.3	111.1	150.2	197.3	248.7	307.0	370.2	436.7	503.0	559.7
-55°	47.3	64.8	88.0	121.5	160.0	205.1	255.2	313.1	373.4	436.8	496.9
-57.5°	38.4	53.5	70.8	94.2	126.8	162.3	205.8	253.4	307.5	363.8	414.0
-60°	29.4	42.3	57.1	74.1	94.8	125.3	156.5	195.8	240.8	286.2	330.0
-62.5°	20.9	31.4	43.8	57.8	74.1	90.6	115.5	144.2	174.1	210.9	247.3
-65°	16.8	21.7	30.8	42.6	55.0	69.3	84.1	99.2	123.6	147.9	171.2
-67.5°	12.4	16.7	21.4	27.5	38.1	48.8	60.3	73.4	86.8	99.2	114.0
-70°	10.5	12.1	15.6	19.8	24.0	29.0	38.3	48.2	58.5	68.2	78.6
-72.5°	9.0	10.5	12.0	13.4	16.7	19.8	22.7	25.4	31.2	39.4	47.2
-75°	7.7	8.9	10.2	11.5	12.6	13.6	14.9	17.3	19.8	22.2	24.4
-77.5°	6.5	7.3	8.3	9.5	10.4	11.1	11.8	12.7	13.7	15.0	16.2
-80°	5.3	5.7	6.3	7.0	7.8	8.5	9.2	9.7	10.3	11.1	12.0
-82.5°	4.3	4.5	4.8	5.1	5.5	6.1	6.7	7.3	7.7	8.1	8.5
-85°	3.3	3.4	3.6	3.7	4.0	4.2	4.5	4.8	5.2	5.5	5.8
-87.5°	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.3	3.6	3.9
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.3	4.6	4.6	4.6
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.6	1.6	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	2.3	2.1	2.0	1.9	1.9	1.7	1.6	1.4	1.1	1.1	1.1
77.5°	2.3	2.3	2.3	2.3	2.3	2.1	1.8	1.4	1.1	1.1	1.1
75°	2.3	2.4	2.5	2.5	2.4	2.2	2.1	2.1	2.1	1.9	1.7
72.5°	4.1	4.1	3.9	3.9	3.7	3.7	3.7	3.5	3.2	3.2	3.2
70°	7.3	7.6	7.5	7.3	6.6	5.9	5.4	5.0	4.5	4.2	4.0
67.5°	11.3	11.4	10.8	9.8	8.2	6.7	6.1	5.5	4.9	4.7	4.9
65°	15.7	14.3	12.6	10.7	8.7	6.8	6.3	5.9	5.5	5.6	6.0
62.5°	19.4	15.6	12.6	10.4	8.5	6.8	6.2	5.7	5.3	4.9	4.9
60°	21.4	15.7	11.3	9.3	7.6	6.0	5.3	4.9	4.7	4.6	4.6
57.5°	21.4	14.8	9.8	8.0	6.5	5.1	4.6	4.6	4.6	4.6	4.6
55°	19.1	13.0	8.4	6.9	5.9	5.1	4.6	4.8	4.8	4.6	4.8
52.5°	15.0	10.7	7.8	6.5	6.0	5.8	5.6	5.6	5.5	5.3	5.5
50°	11.9	8.9	7.6	6.8	6.7	6.8	6.8	6.9	7.0	7.1	7.2
47.5°	10.0	8.4	8.5	7.8	8.1	8.9	9.0	9.1	9.4	9.5	9.3
45°	10.2	11.8	12.2	12.0	11.8	13.5	13.4	12.3	13.7	14.2	13.9
42.5°	16.9	18.3	19.2	20.1	21.1	22.3	23.0	22.7	24.0	24.0	22.4
40°	28.5	27.2	29.3	32.0	34.3	35.2	37.3	39.6	40.4	40.0	38.4
37.5°	46.8	44.8	45.0	50.8	56.2	49.8	59.2	62.9	60.6	68.9	70.6
35°	77.8	86.0	74.1	95.0	105.4	100.4	111.6	133.7	116.5	147.9	155.5
32.5°	138.3	158.0	170.4	188.1	214.1	248.3	256.9	311.5	329.0	354.2	381.4
30°	225.9	281.7	384.5	403.7	428.4	546.3	578.7	608.4	670.5	718.3	799.6
27.5°	410.5	561.0	775.9	965.0	951.1	1150.6	1372.6	1124.0	1492.8	1344.8	1698.7
25°	768.7	1100.4	1618.5	2119.7	2359.0	2765.5	3273.9	3177.6	3848.3	3894.9	4884.3
22.5°	1462.0	2182.7	2974.9	3827.1	4653.8	5568.6	6447.8	7369.4	8755.0	10669.5	12530.1
20°	2392.1	3451.6	4731.1	6050.6	7449.9	8872.7	10525.8	13325.1	16195.4	20179.6	22994.2
17.5°	3399.8	5086.2	6656.9	8291.7	10247.9	12612.9	16032.3	20815.5	26617.4	32573.1	37180.4
15°	4280.2	6187.9	8451.8	10631.3	13063.8	16613.8	21984.4	29069.4	37697.4	46751.4	57699.7
12.5°	5131.9	7124.6	9584.9	12341.7	15647.1	20728.3	27689.8	37264.5	48694.6	62299.9	76361.7
10°	5792.9	7979.3	10717.7	13822.3	17856.7	24097.4	32187.2	43491.3	60429.0	76489.9	92547.6
7.5°	6309.5	8769.1	11669.7	14928.1	19625.7	26652.7	36331.4	50561.2	68457.3	85834.7	100625.0
5°	6768.6	9418.5	12314.7	15551.2	20899.0	28511.9	38934.4	55185.5	74283.0	91361.7	105435.9
2.5°	7130.2	9843.1	12669.0	15863.4	21718.8	29538.2	40307.2	57667.2	78038.1	94899.2	108338.3
0°	7349.2	9918.7	12728.4	15929.7	21781.0	30003.2	41378.4	58753.2	79377.5	96630.5	109848.2
-2.5°	7270.7	9749.2	12535.8	15734.9	21575.6	29567.4	40516.8	58203.0	78242.5	94384.3	107677.9
-5°	6879.9	9194.3	11781.9	14791.9	20212.8	27911.8	38074.3	54202.1	73038.4	89152.8	101662.1
-7.5°	6263.7	8418.9	10794.5	13581.0	18268.8	25226.0	34486.6	48211.3	65311.0	80179.6	91468.6
-10°	5574.3	7519.9	9578.2	12046.3	15710.6	21616.0	29349.3	39829.0	54494.5	67863.2	78537.1
-12.5°	4745.7	6364.4	8094.6	10223.1	13000.3	17814.7	24316.5	32817.7	43014.6	54910.9	64628.3
-15°	3884.6	5245.4	6677.5	8674.0	11042.6	14109.3	18782.9	25541.4	33110.3	41235.7	50052.5
-17.5°	3119.4	4271.5	5790.0	7471.6	9276.9	11410.9	15275.2	19881.0	25358.8	31154.4	36475.5
-20°	2505.8	3727.8	5091.9	6554.3	8213.1	10265.2	12639.0	16138.3	20200.4	24649.4	28912.0



REPORT NUMBER: P1305485 (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°	2061.3	3157.2	4424.0	5795.6	7473.8	9321.2	11243.7	13439.8	16354.9	19775.4	23050.0
-25°	1570.0	2485.7	3714.6	5098.0	6643.9	8273.1	9833.6	11623.7	13754.9	15980.4	18273.5
-27.5°	1244.5	1890.9	2899.8	4199.0	5629.4	6904.9	8242.0	9732.6	11596.2	13532.5	14808.4
-30°	1015.7	1394.2	2151.6	3166.6	4362.1	5487.7	6585.5	7925.2	9388.2	10777.8	11905.7
-32.5°	948.9	1118.2	1510.1	2233.4	3131.4	4136.1	5121.6	6317.4	7452.9	8552.7	9522.4
-35°	901.7	1009.9	1157.8	1535.1	2075.9	2892.4	3792.9	4804.8	5829.6	6718.0	7540.5
-37.5°	857.7	951.6	1049.5	1146.9	1451.3	1825.0	2459.1	3259.6	4037.0	4755.9	5463.8
-40°	794.9	897.9	976.9	1060.2	1150.8	1253.6	1585.5	1912.5	2293.1	2844.4	3327.4
-42.5°	728.3	814.1	904.2	982.1	1057.8	1136.9	1220.6	1303.7	1477.7	1694.0	1871.1
-45°	700.5	752.1	814.0	895.4	971.5	1042.5	1110.6	1176.4	1245.9	1309.4	1361.2
-47.5°	667.2	714.2	764.2	817.3	873.2	941.8	1009.1	1076.1	1136.9	1193.4	1238.5
-50°	636.5	673.3	718.1	763.2	807.9	853.9	900.4	952.1	1010.2	1067.4	1114.5
-52.5°	611.3	645.1	677.1	709.1	747.9	786.9	826.0	867.2	906.8	944.4	973.6
-55°	550.3	597.8	644.7	674.9	701.0	727.6	757.1	794.0	829.2	862.6	882.2
-57.5°	467.1	522.2	572.8	608.5	645.0	682.0	712.5	738.8	765.5	790.9	804.8
-60°	374.7	419.9	465.8	508.3	548.9	587.2	622.8	657.4	689.5	716.4	732.8
-62.5°	283.2	320.8	358.0	393.5	427.7	461.0	498.9	535.4	570.2	598.6	616.0
-65°	197.2	228.0	256.8	284.5	311.0	339.3	368.8	397.5	425.0	446.8	461.1
-67.5°	134.1	153.1	170.3	186.7	206.9	228.7	250.3	270.4	288.9	303.0	313.1
-70°	89.1	99.2	108.3	119.0	132.1	145.4	158.8	171.2	182.6	191.0	197.4
-72.5°	54.8	61.8	68.4	75.5	82.3	89.2	96.5	103.7	110.5	115.5	119.3
-75°	26.4	29.6	35.4	40.7	45.5	49.9	53.9	57.4	60.5	62.4	63.7
-77.5°	17.9	19.4	20.9	22.3	23.8	25.6	27.4	29.1	30.8	32.1	33.2
-80°	13.0	13.7	14.4	15.0	15.4	16.2	17.0	17.9	18.7	19.0	19.2
-82.5°	9.0	9.6	10.2	10.7	11.3	11.8	12.3	12.8	13.3	13.7	14.1
-85°	6.1	6.4	6.7	7.0	7.4	7.8	8.2	8.6	9.0	9.0	9.1
-87.5°	4.2	4.3	4.4	4.4	4.5	4.8	5.1	5.4	5.7	5.7	5.7
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3
87.5°	1.1	1.1	0.5	0.0	0.5	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
75°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	1.9	2.1	2.1
72.5°	3.3	3.3	2.9	2.3	2.9	3.3	3.3	3.2	3.2	3.2	3.5
70°	3.7	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.5	5.0
67.5°	5.2	5.6	5.7	5.7	5.7	5.6	5.2	4.9	4.7	4.9	5.5
65°	6.4	6.8	6.4	5.7	6.4	6.8	6.4	6.0	5.6	5.5	5.9
62.5°	4.8	4.7	4.6	4.6	4.6	4.7	4.8	4.9	4.9	5.3	5.7
60°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.9
57.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
55°	5.2	5.5	5.7	5.7	5.7	5.5	5.2	4.8	4.6	4.8	4.8
52.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.5	5.3	5.5	5.6
50°	7.1	7.0	6.9	6.9	6.9	7.0	7.1	7.2	7.1	7.0	6.9
47.5°	8.9	8.3	8.0	8.0	8.0	8.3	8.9	9.3	9.5	9.4	9.1
45°	13.9	13.8	13.7	13.8	13.7	13.8	13.9	13.9	14.2	13.7	12.3
42.5°	23.3	23.7	23.3	21.8	23.3	23.7	23.3	22.4	24.0	24.0	22.7
40°	38.5	37.0	35.0	34.5	35.0	37.0	38.5	38.4	40.0	40.4	39.6
37.5°	71.5	71.4	69.8	68.9	69.8	71.4	71.5	70.6	68.9	60.6	62.9
35°	150.4	149.1	141.0	133.2	141.0	149.1	150.4	155.5	147.9	116.5	133.7
32.5°	390.6	411.3	409.4	397.4	409.4	411.3	390.6	381.4	354.2	329.0	311.5
30°	830.9	868.0	860.2	811.0	860.2	868.0	830.9	799.6	718.3	670.5	608.4
27.5°	1717.5	1804.3	1880.8	1780.4	1880.8	1804.3	1717.5	1698.7	1344.8	1492.8	1124.0
25°	5874.8	6439.7	6773.9	6254.5	6773.9	6439.7	5874.8	4884.3	3894.9	3848.3	3177.6
22.5°	14020.7	14724.8	15100.5	15315.2	15100.5	14724.8	14020.7	12530.1	10669.5	8755.0	7369.4
20°	25718.7	27224.2	28188.6	26245.9	28188.6	27224.2	25718.7	22994.2	20179.6	16195.4	13325.1
17.5°	43571.9	49124.3	52047.6	53635.9	52047.6	49124.3	43571.9	37180.4	32573.1	26617.4	20815.5
15°	66149.1	73253.2	78050.6	79928.9	78050.6	73253.2	66149.1	57699.7	46751.4	37697.4	29069.4
12.5°	87496.0	94826.5	99252.8	100365.4	99252.8	94826.5	87496.0	76361.7	62299.9	48694.6	37264.5
10°	102679.4	109586.5	114678.2	116465.7	114678.2	109586.5	102679.4	92547.6	76489.9	60429.0	43491.3
7.5°	111132.1	119205.9	123693.6	124810.8	123693.6	119205.9	111132.1	100625.0	85834.7	68457.3	50561.2
5°	115996.8	123291.6	128197.2	128792.0	128197.2	123291.6	115996.8	105435.9	91361.7	74283.0	55185.5
2.5°	119133.4	126267.6	130394.9	131608.0	130394.9	126267.6	119133.4	108338.3	94899.2	78038.1	57667.2
0°	119903.1	126462.5	131448.9	133000.8	131448.9	126462.5	119903.1	109848.2	96630.5	79377.5	58753.2
-2.5°	117572.6	123900.5	127222.0	127760.6	127222.0	123900.5	117572.6	107677.9	94384.3	78242.5	58203.0
-5°	111621.3	116301.2	120135.7	120626.2	120135.7	116301.2	111621.3	101662.1	89152.8	73038.4	54202.1
-7.5°	98979.7	104229.6	106350.4	106924.3	106350.4	104229.6	98979.7	91468.6	80179.6	65311.0	48211.3
-10°	85529.3	90026.8	91529.2	92340.2	91529.2	90026.8	85529.3	78537.1	67863.2	54494.5	39829.0
-12.5°	72361.3	76759.1	78236.9	79410.8	78236.9	76759.1	72361.3	64628.3	54910.9	43014.6	32817.7
-15°	57607.6	61938.3	64325.8	65647.5	64325.8	61938.3	57607.6	50052.5	41235.7	33110.3	25541.4
-17.5°	43228.6	47341.4	50120.3	51737.1	50120.3	47341.4	43228.6	36475.5	31154.4	25358.8	19881.0
-20°	32777.5	35561.1	37699.6	38968.5	37699.6	35561.1	32777.5	28912.0	24649.4	20200.4	16138.3



REPORT NUMBER: P1305485 (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°	25604.1	27532.0	28770.9	29581.6	28770.9	27532.0	25604.1	23050.0	19775.4	16354.9	13439.8
-25°	20011.2	21276.4	22077.6	22733.3	22077.6	21276.4	20011.2	18273.5	15980.4	13754.9	11623.7
-27.5°	15844.6	16523.0	16877.1	17358.7	16877.1	16523.0	15844.6	14808.4	13532.5	11596.2	9732.6
-30°	12737.4	13258.0	13539.5	13643.9	13539.5	13258.0	12737.4	11905.7	10777.8	9388.2	7925.2
-32.5°	10251.5	10743.3	11098.4	11265.0	11098.4	10743.3	10251.5	9522.4	8552.7	7452.9	6317.4
-35°	8178.7	8589.0	8869.0	9022.8	8869.0	8589.0	8178.7	7540.5	6718.0	5829.6	4804.8
-37.5°	6050.1	6500.3	6808.5	6913.8	6808.5	6500.3	6050.1	5463.8	4755.9	4037.0	3259.6
-40°	3712.0	3998.7	4183.8	4261.6	4183.8	3998.7	3712.0	3327.4	2844.4	2293.1	1912.5
-42.5°	2009.2	2114.5	2187.6	2229.6	2187.6	2114.5	2009.2	1871.1	1694.0	1477.7	1303.7
-45°	1394.8	1421.4	1438.3	1445.0	1438.3	1421.4	1394.8	1361.2	1309.4	1245.9	1176.4
-47.5°	1271.5	1300.3	1315.6	1316.4	1315.6	1300.3	1271.5	1238.5	1193.4	1136.9	1076.1
-50°	1151.7	1183.1	1198.9	1200.4	1198.9	1183.1	1151.7	1114.5	1067.4	1010.2	952.1
-52.5°	1000.3	1025.1	1035.9	1034.9	1035.9	1025.1	1000.3	973.6	944.4	906.8	867.2
-55°	899.2	914.0	920.6	921.2	920.6	914.0	899.2	882.2	862.6	829.2	794.0
-57.5°	817.2	828.2	832.0	831.6	832.0	828.2	817.2	804.8	790.9	765.5	738.8
-60°	747.1	759.0	762.3	760.4	762.3	759.0	747.1	732.8	716.4	689.5	657.4
-62.5°	630.3	641.2	646.6	647.8	646.6	641.2	630.3	616.0	598.6	570.2	535.4
-65°	472.4	480.6	484.9	485.9	484.9	480.6	472.4	461.1	446.8	425.0	397.5
-67.5°	320.9	326.4	328.1	327.4	328.1	326.4	320.9	313.1	303.0	288.9	270.4
-70°	202.5	206.4	207.4	206.8	207.4	206.4	202.5	197.4	191.0	182.6	171.2
-72.5°	122.4	124.7	124.9	124.1	124.9	124.7	122.4	119.3	115.5	110.5	103.7
-75°	64.5	64.8	64.7	64.3	64.7	64.8	64.5	63.7	62.4	60.5	57.4
-77.5°	34.3	35.3	35.0	34.5	35.0	35.3	34.3	33.2	32.1	30.8	29.1
-80°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.2	19.0	18.7	17.9
-82.5°	14.5	14.8	14.3	13.8	14.3	14.8	14.5	14.1	13.7	13.3	12.8
-85°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	9.0	8.6
-87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.3	2.3	2.3	2.3
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.3	1.5	1.6	1.6	1.6	1.5	1.4	1.2
80°	1.6	1.7	1.9	1.9	2.0	2.1	2.3	2.3	2.3	2.2	2.0
77.5°	1.8	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
75°	2.1	2.2	2.4	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.2
72.5°	3.7	3.7	3.7	3.9	3.9	4.1	4.1	4.0	3.5	2.8	2.3
70°	5.4	5.9	6.6	7.3	7.5	7.6	7.3	6.9	6.5	6.0	4.8
67.5°	6.1	6.7	8.2	9.8	10.8	11.4	11.3	10.7	10.0	9.4	7.6
65°	6.3	6.8	8.7	10.7	12.6	14.3	15.7	15.7	15.0	13.4	10.3
62.5°	6.2	6.8	8.5	10.4	12.6	15.6	19.4	21.0	21.1	18.5	14.3
60°	5.3	6.0	7.6	9.3	11.3	15.7	21.4	25.7	28.6	24.4	18.5
57.5°	4.6	5.1	6.5	8.0	9.8	14.8	21.4	28.9	33.7	28.1	22.7
55°	4.6	5.1	5.9	6.9	8.4	13.0	19.1	26.3	31.5	29.3	23.5
52.5°	5.6	5.8	6.0	6.5	7.8	10.7	15.0	21.7	25.2	24.2	22.0
50°	6.8	6.8	6.7	6.8	7.6	8.9	11.9	16.6	18.2	19.1	18.1
47.5°	9.0	8.9	8.1	7.8	8.5	8.4	10.0	12.0	14.2	14.4	14.5
45°	13.4	13.5	11.8	12.0	12.2	11.8	10.2	11.8	12.8	13.3	11.7
42.5°	23.0	22.3	21.1	20.1	19.2	18.3	16.9	16.1	14.9	14.3	14.2
40°	37.3	35.2	34.3	32.0	29.3	27.2	28.5	25.1	21.8	18.1	20.1
37.5°	59.2	49.8	56.2	50.8	45.0	44.8	46.8	41.2	32.3	34.7	33.6
35°	111.6	100.4	105.4	95.0	74.1	86.0	77.8	65.8	59.0	63.7	55.6
32.5°	256.9	248.3	214.1	188.1	170.4	158.0	138.3	106.1	110.5	107.9	92.1
30°	578.7	546.3	428.4	403.7	384.5	281.7	225.9	209.1	192.4	164.3	138.6
27.5°	1372.6	1150.6	951.1	965.0	775.9	561.0	410.5	337.1	295.9	248.1	200.9
25°	3273.9	2765.5	2359.0	2119.7	1618.5	1100.4	768.7	551.5	426.6	351.9	289.8
22.5°	6447.8	5568.6	4653.8	3827.1	2974.9	2182.7	1462.0	831.9	570.7	470.0	394.2
20°	10525.8	8872.7	7449.9	6050.6	4731.1	3451.6	2392.1	1375.5	802.3	591.6	496.6
17.5°	16032.3	12612.9	10247.9	8291.7	6656.9	5086.2	3399.8	1974.0	1020.3	709.4	594.3
15°	21984.4	16613.8	13063.8	10631.3	8451.8	6187.9	4280.2	2542.1	1310.9	865.0	689.6
12.5°	27689.8	20728.3	15647.1	12341.7	9584.9	7124.6	5131.9	3265.0	1751.7	1005.5	748.0
10°	32187.2	24097.4	17856.7	13822.3	10717.7	7979.3	5792.9	3769.7	2033.9	1115.5	797.3
7.5°	36331.4	26652.7	19625.7	14928.1	11669.7	8769.1	6309.5	4122.5	2212.9	1208.8	837.9
5°	38934.4	28511.9	20899.0	15551.2	12314.7	9418.5	6768.6	4366.3	2300.5	1283.9	870.4
2.5°	40307.2	29538.2	21718.8	15863.4	12669.0	9843.1	7130.2	4535.3	2353.5	1315.0	882.7
0°	41378.4	30003.2	21781.0	15929.7	12728.4	9918.7	7349.2	4617.6	2368.6	1319.8	889.1
-2.5°	40516.8	29567.4	21575.6	15734.9	12535.8	9749.2	7270.7	4743.5	2439.4	1339.1	894.1
-5°	38074.3	27911.8	20212.8	14791.9	11781.9	9194.3	6879.9	4584.7	2414.8	1328.0	892.8
-7.5°	34486.6	25226.0	18268.8	13581.0	10794.5	8418.9	6263.7	4153.5	2259.5	1258.3	867.4
-10°	29349.3	21616.0	15710.6	12046.3	9578.2	7519.9	5574.3	3653.9	2041.3	1168.5	836.5
-12.5°	24316.5	17814.7	13000.3	10223.1	8094.6	6364.4	4745.7	3089.2	1760.3	1059.7	800.6
-15°	18782.9	14109.3	11042.6	8674.0	6677.5	5245.4	3884.6	2462.2	1421.2	937.7	760.2
-17.5°	15275.2	11410.9	9276.9	7471.6	5790.0	4271.5	3119.4	2025.1	1212.7	851.8	730.8
-20°	12639.0	10265.2	8213.1	6554.3	5091.9	3727.8	2505.8	1591.5	1056.6	816.6	710.1



REPORT NUMBER: P1305485 (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°	11243.7	9321.2	7473.8	5795.6	4424.0	3157.2	2061.3	1260.5	889.8	780.1	685.4
-25°	9833.6	8273.1	6643.9	5098.0	3714.6	2485.7	1570.0	1086.1	851.6	746.0	656.3
-27.5°	8242.0	6904.9	5629.4	4199.0	2899.8	1890.9	1244.5	925.3	818.1	719.9	622.0
-30°	6585.5	5487.7	4362.1	3166.6	2151.6	1394.2	1015.7	883.8	785.1	689.9	590.8
-32.5°	5121.6	4136.1	3131.4	2233.4	1510.1	1118.2	948.9	840.6	749.8	651.7	573.3
-35°	3792.9	2892.4	2075.9	1535.1	1157.8	1009.9	901.7	804.9	704.0	614.9	557.2
-37.5°	2459.1	1825.0	1451.3	1146.9	1049.5	951.6	857.7	755.2	654.4	593.0	539.4
-40°	1585.5	1253.6	1150.8	1060.2	976.9	897.9	794.9	694.4	631.9	569.4	519.8
-42.5°	1220.6	1136.9	1057.8	982.1	904.2	814.1	728.3	669.5	609.7	551.3	507.5
-45°	1110.6	1042.5	971.5	895.4	814.0	752.1	700.5	644.3	587.5	540.7	498.8
-47.5°	1009.1	941.8	873.2	817.3	764.2	714.2	667.2	618.5	573.9	529.1	465.1
-50°	900.4	853.9	807.9	763.2	718.1	673.3	636.5	602.6	550.9	488.5	424.1
-52.5°	826.0	786.9	747.9	709.1	677.1	645.1	611.3	559.7	503.0	436.7	370.2
-55°	757.1	727.6	701.0	674.9	644.7	597.8	550.3	496.9	436.8	373.4	313.1
-57.5°	712.5	682.0	645.0	608.5	572.8	522.2	467.1	414.0	363.8	307.5	253.4
-60°	622.8	587.2	548.9	508.3	465.8	419.9	374.7	330.0	286.2	240.8	195.8
-62.5°	498.9	461.0	427.7	393.5	358.0	320.8	283.2	247.3	210.9	174.1	144.2
-65°	368.8	339.3	311.0	284.5	256.8	228.0	197.2	171.2	147.9	123.6	99.2
-67.5°	250.3	228.7	206.9	186.7	170.3	153.1	134.1	114.0	99.2	86.8	73.4
-70°	158.8	145.4	132.1	119.0	108.3	99.2	89.1	78.6	68.2	58.5	48.2
-72.5°	96.5	89.2	82.3	75.5	68.4	61.8	54.8	47.2	39.4	31.2	25.4
-75°	53.9	49.9	45.5	40.7	35.4	29.6	26.4	24.4	22.2	19.8	17.3
-77.5°	27.4	25.6	23.8	22.3	20.9	19.4	17.9	16.2	15.0	13.7	12.7
-80°	17.0	16.2	15.4	15.0	14.4	13.7	13.0	12.0	11.1	10.3	9.7
-82.5°	12.3	11.8	11.3	10.7	10.2	9.6	9.0	8.5	8.1	7.7	7.3
-85°	8.2	7.8	7.4	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.8
-87.5°	5.1	4.8	4.5	4.4	4.4	4.3	4.2	3.9	3.6	3.3	3.1
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.3
77.5°	1.9	1.6	1.3	1.2	1.4	1.4	1.4	1.3	1.4	1.6	1.6
75°	1.9	1.6	1.3	1.2	1.5	1.8	1.8	1.8	1.7	1.8	1.9
72.5°	2.2	1.9	1.5	1.3	1.5	1.8	2.1	2.2	2.0	2.0	2.1
70°	3.5	2.5	2.1	1.8	1.8	1.9	2.2	2.3	2.3	2.2	2.2
67.5°	5.8	4.3	3.2	2.4	2.1	2.1	2.2	2.3	2.3	2.3	2.2
65°	8.2	6.2	4.5	3.3	2.6	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	10.9	8.2	6.2	4.3	3.1	2.5	2.3	2.3	2.3	2.3	2.3
60°	13.7	10.3	7.8	5.7	3.8	2.6	2.3	2.3	2.3	2.3	2.3
57.5°	16.8	12.1	9.4	7.0	4.9	3.1	2.3	2.3	2.3	2.3	2.3
55°	18.8	14.2	10.9	8.2	5.9	3.9	2.6	2.3	2.3	2.3	2.3
52.5°	17.9	15.4	12.7	9.4	6.8	4.8	3.5	2.3	2.3	2.3	2.3
50°	15.5	15.2	13.7	10.9	7.7	5.8	4.4	3.0	2.3	2.3	2.3
47.5°	14.0	14.5	13.8	11.8	8.7	6.9	5.3	3.8	2.3	2.3	2.3
45°	13.3	13.5	13.7	12.2	10.1	8.1	6.4	4.5	2.9	2.3	2.3
42.5°	13.7	13.8	13.1	12.7	11.3	9.3	7.4	5.4	3.6	2.4	2.3
40°	18.6	15.5	13.3	13.7	12.7	10.3	8.4	6.4	4.2	2.7	2.4
37.5°	25.5	20.5	15.8	17.1	14.8	11.8	9.3	7.4	4.9	3.3	2.5
35°	42.8	28.6	26.5	25.1	19.6	13.4	10.0	8.2	5.8	3.8	2.7
32.5°	65.1	50.2	47.6	38.1	26.2	15.2	11.2	9.1	6.7	4.4	2.8
30°	107.6	94.6	75.7	54.6	36.1	21.4	13.2	10.1	7.5	4.9	3.1
27.5°	177.1	147.7	112.4	80.6	51.9	29.4	16.2	11.3	8.3	5.4	3.5
25°	253.2	212.3	163.5	113.0	70.0	45.6	19.6	12.6	9.2	6.1	3.9
22.5°	337.4	282.3	220.5	149.5	100.2	66.5	28.1	15.3	10.1	6.7	4.2
20°	425.1	355.1	279.2	187.2	134.6	92.5	43.4	18.3	11.2	7.2	4.6
17.5°	515.6	419.6	323.0	228.6	167.8	119.7	60.9	21.4	12.3	7.7	4.9
15°	576.9	469.6	364.5	266.6	197.7	147.7	80.1	24.6	13.4	8.2	5.3
12.5°	626.1	517.2	403.5	301.0	224.6	175.9	100.5	27.9	14.5	8.9	5.8
10°	669.9	561.8	439.7	331.9	249.0	204.1	121.2	31.2	16.4	9.9	6.3
7.5°	708.7	603.0	472.7	359.5	268.8	224.1	134.5	34.8	18.5	11.0	6.7
5°	738.7	633.1	494.4	371.9	275.4	234.3	144.6	38.1	20.5	12.0	7.2
2.5°	747.7	647.1	507.7	379.3	280.7	242.3	152.2	41.0	22.4	12.9	7.6
0°	752.4	655.9	516.9	383.7	284.9	248.1	157.4	43.6	24.1	13.8	8.0
-2.5°	756.2	658.7	521.8	391.4	293.5	252.7	166.0	56.2	32.5	18.5	10.1
-5°	756.2	656.6	522.5	396.2	300.8	255.3	172.3	68.2	40.6	23.1	12.2
-7.5°	740.8	642.2	515.6	397.8	306.5	256.4	176.6	79.4	48.1	27.3	14.1
-10°	719.1	618.9	500.3	395.4	313.8	260.2	179.8	89.5	54.9	31.0	15.9
-12.5°	693.9	592.1	484.3	391.8	320.8	266.3	184.6	98.4	60.7	34.2	17.4
-15°	665.3	562.3	468.6	387.7	327.4	271.3	187.0	105.7	65.2	36.8	18.7
-17.5°	636.7	530.0	454.2	383.5	333.6	275.5	187.0	111.1	68.5	38.8	19.9
-20°	613.3	509.9	442.1	379.7	339.7	279.1	184.7	114.4	70.6	40.0	21.0



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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°	586.7	501.6	437.7	382.7	343.6	282.1	179.9	115.4	71.3	40.4	21.7
-25°	557.9	492.7	433.1	385.8	344.1	274.5	176.8	114.0	70.7	40.0	22.0
-27.5°	541.2	484.0	427.4	386.6	337.8	264.1	174.7	113.0	69.1	38.7	21.9
-30°	530.0	476.0	425.1	383.0	329.1	245.3	169.3	110.0	67.5	37.8	21.3
-32.5°	518.6	467.2	421.3	371.5	309.7	225.5	158.5	105.1	64.5	37.0	20.9
-35°	505.4	458.5	413.8	357.0	285.8	210.1	146.1	98.0	60.3	35.7	20.2
-37.5°	490.3	449.4	395.3	335.6	261.2	192.3	134.5	89.3	54.8	33.7	19.1
-40°	480.5	434.5	375.1	308.2	238.2	172.0	120.7	80.6	50.9	31.0	17.6
-42.5°	469.2	409.5	346.3	280.1	213.3	154.4	105.4	70.5	46.4	28.5	15.7
-45°	438.9	378.2	312.3	248.5	186.7	134.4	92.8	60.0	41.3	25.9	14.0
-47.5°	402.9	337.9	275.2	214.5	161.8	113.9	78.6	53.6	35.7	22.8	12.7
-50°	355.7	294.6	235.5	182.5	134.0	96.4	65.1	46.6	31.1	18.8	11.2
-52.5°	307.0	248.7	197.3	150.2	111.1	77.3	56.5	39.2	25.9	15.9	9.5
-55°	255.2	205.1	160.0	121.5	88.0	64.8	47.3	32.6	20.3	13.5	7.7
-57.5°	205.8	162.3	126.8	94.2	70.8	53.5	38.4	25.5	16.7	10.9	7.3
-60°	156.5	125.3	94.8	74.1	57.1	42.3	29.4	19.2	13.7	8.7	6.8
-62.5°	115.5	90.6	74.1	57.8	43.8	31.4	20.9	15.6	10.5	8.0	6.3
-65°	84.1	69.3	55.0	42.6	30.8	21.7	16.8	11.9	9.1	7.3	5.7
-67.5°	60.3	48.8	38.1	27.5	21.4	16.7	12.4	10.0	8.2	6.5	5.2
-70°	38.3	29.0	24.0	19.8	15.6	12.1	10.5	8.8	7.2	5.9	4.6
-72.5°	22.7	19.8	16.7	13.4	12.0	10.5	9.0	7.6	6.4	5.2	4.0
-75°	14.9	13.6	12.6	11.5	10.2	8.9	7.7	6.7	5.6	4.5	3.6
-77.5°	11.8	11.1	10.4	9.5	8.3	7.3	6.5	5.8	4.8	4.0	3.2
-80°	9.2	8.5	7.8	7.0	6.3	5.7	5.3	4.9	4.1	3.4	2.8
-82.5°	6.7	6.1	5.5	5.1	4.8	4.5	4.3	4.0	3.4	2.9	2.5
-85°	4.5	4.2	4.0	3.7	3.6	3.4	3.3	3.2	2.9	2.7	2.5
-87.5°	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.6	2.5	2.4
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.1	1.2	1.2	1.2	1.2	1.7	2.3
85°	1.1	1.2	1.3	1.3	1.3	1.8	2.3
82.5°	1.1	1.3	1.4	1.5	1.4	1.8	2.3
80°	1.2	1.4	1.5	1.6	1.5	1.8	2.3
77.5°	1.5	1.5	1.6	1.7	1.6	1.8	2.3
75°	1.8	1.7	1.8	1.8	1.7	1.9	2.3
72.5°	2.1	1.9	1.9	1.9	1.8	1.9	2.3
70°	2.3	2.1	2.0	2.1	1.9	1.9	2.3
67.5°	2.3	2.2	2.1	2.1	2.0	2.0	2.3
65°	2.3	2.3	2.1	2.1	2.1	2.0	2.3
62.5°	2.3	2.3	2.2	2.2	2.2	2.0	2.3
60°	2.3	2.3	2.3	2.2	2.3	2.0	2.3
57.5°	2.3	2.3	2.3	2.2	2.3	2.1	2.3
55°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
52.5°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
50°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
47.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
45°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
42.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
40°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
37.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
35°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
32.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
30°	2.4	2.3	2.3	2.3	2.3	2.3	2.3
27.5°	2.6	2.3	2.3	2.3	2.3	2.3	2.3
25°	2.7	2.3	2.3	2.3	2.3	2.3	2.3
22.5°	2.8	2.3	2.3	2.3	2.3	2.3	2.3
20°	3.0	2.4	2.3	2.3	2.3	2.3	2.3
17.5°	3.2	2.5	2.3	2.3	2.3	2.3	2.3
15°	3.4	2.6	2.3	2.3	2.3	2.3	2.3
12.5°	3.6	2.7	2.3	2.3	2.3	2.3	2.3
10°	3.9	2.9	2.3	2.3	2.3	2.3	2.3
7.5°	4.1	3.0	2.3	2.3	2.3	2.3	2.3
5°	4.3	3.1	2.3	2.3	2.3	2.3	2.3
2.5°	4.4	3.3	2.3	2.3	2.3	2.3	2.3
0°	4.6	3.4	2.3	2.3	2.3	2.3	2.3
-2.5°	5.7	3.8	2.4	2.3	2.3	2.3	2.3
-5°	6.7	4.1	2.5	2.3	2.3	2.3	2.3
-7.5°	7.6	4.5	2.6	2.3	2.3	2.3	2.3
-10°	8.5	4.8	2.7	2.3	2.3	2.3	2.3
-12.5°	9.3	5.0	2.7	2.3	2.3	2.3	2.3
-15°	10.0	5.2	2.8	2.3	2.3	2.3	2.3
-17.5°	10.5	5.4	2.8	2.3	2.3	2.3	2.3
-20°	10.9	5.5	2.9	2.3	2.3	2.3	2.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.3	5.5	2.9	2.3	2.3	2.3	2.3
-25°	11.5	5.5	2.9	2.3	2.3	2.3	2.3
-27.5°	11.4	5.5	2.9	2.3	2.3	2.3	2.3
-30°	11.1	5.4	2.8	2.3	2.3	2.3	2.3
-32.5°	10.6	5.2	2.9	2.3	2.3	2.3	2.3
-35°	10.2	4.8	2.9	2.3	2.3	2.3	2.3
-37.5°	9.7	4.6	2.9	2.3	2.3	2.3	2.3
-40°	9.2	4.6	2.9	2.3	2.3	2.3	2.3
-42.5°	8.4	4.5	2.9	2.3	2.3	2.3	2.3
-45°	7.5	4.4	2.9	2.3	2.3	2.3	2.3
-47.5°	6.4	4.3	2.9	2.4	2.3	2.3	2.3
-50°	6.1	4.2	2.9	2.4	2.3	2.3	2.3
-52.5°	5.9	4.0	2.9	2.4	2.3	2.3	2.3
-55°	5.6	3.9	2.9	2.4	2.3	2.3	2.3
-57.5°	5.3	3.8	2.8	2.4	2.3	2.3	2.3
-60°	5.0	3.6	2.7	2.4	2.3	2.3	2.3
-62.5°	4.7	3.4	2.7	2.4	2.3	2.3	2.3
-65°	4.3	3.1	2.6	2.4	2.3	2.3	2.3
-67.5°	3.8	3.0	2.5	2.3	2.3	2.3	2.3
-70°	3.4	2.8	2.5	2.3	2.3	2.3	2.3
-72.5°	3.1	2.7	2.4	2.3	2.3	2.3	2.3
-75°	2.9	2.5	2.3	2.3	2.3	2.3	2.3
-77.5°	2.6	2.4	2.3	2.3	2.3	2.3	2.3
-80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-90°	1.1	1.1	1.1	1.1	1.1	1.7	2.3

(END OF REPORT)