

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: P1305634 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305634 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-80-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

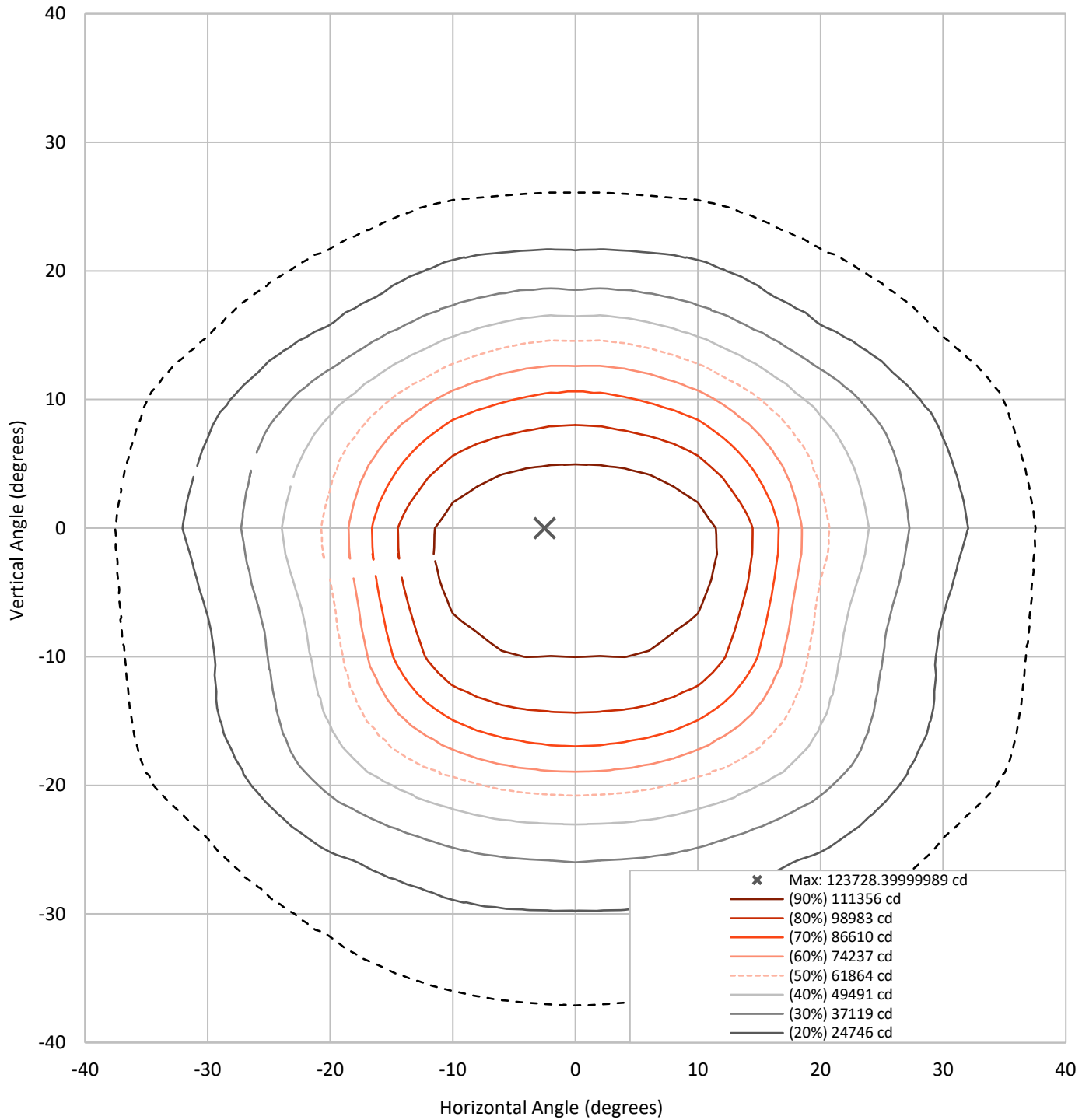
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	61063.4 lumens	Max Intensity:	123728.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	94.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	33586.1 lumens	Field Lumens:	55941.1 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

Input Watts (W): 648  
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





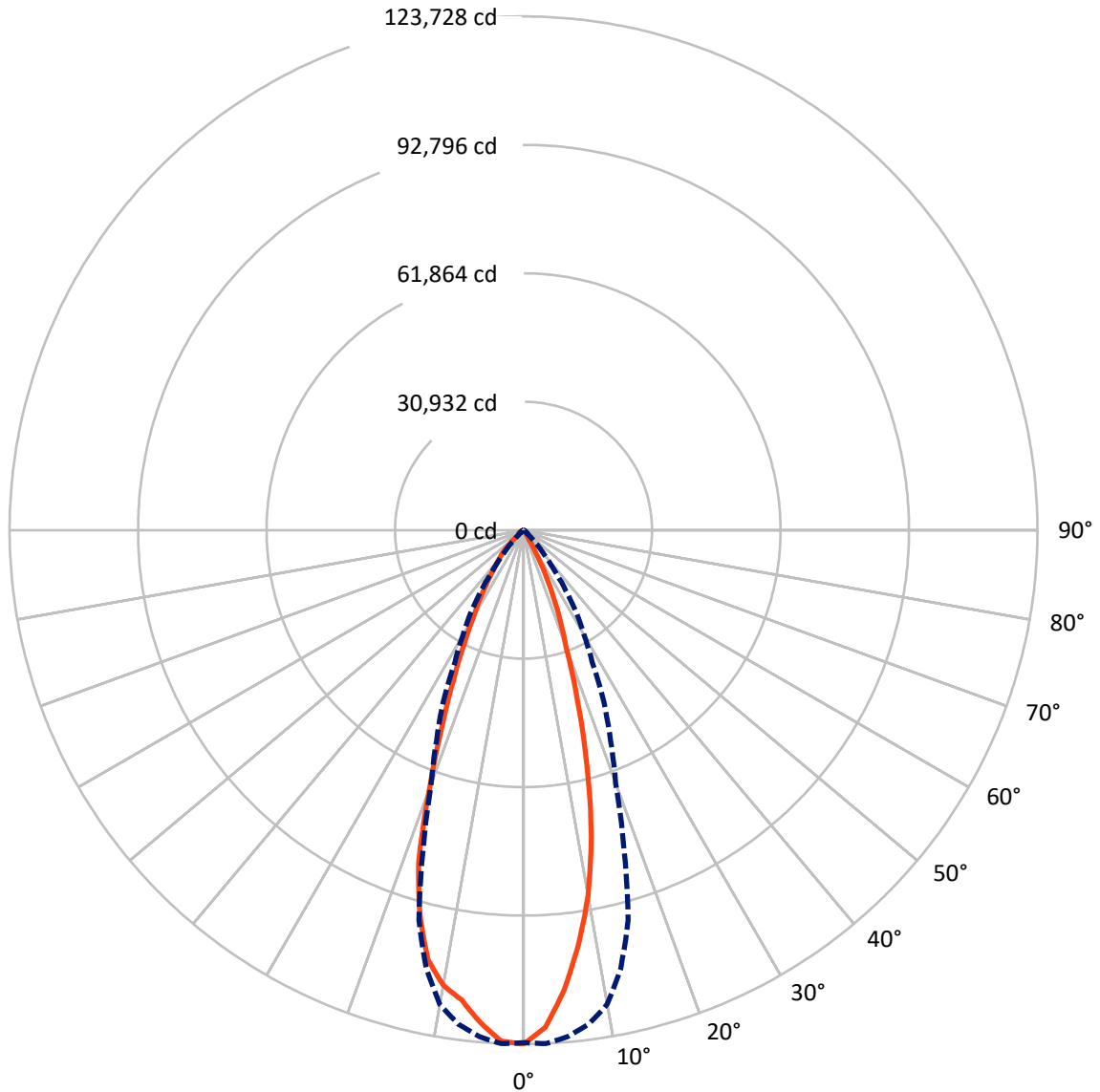
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### Lumen Table

90																			
80	0.2	0.4		0.6	0.5		0.4	0.5		0.6	0.4		0.2						
70	0.2	0.1	0.2	0.3	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.2	0.1	0.2			
60		0.1	0.2	0.6	0.7	0.4	0.4	0.5	0.5	0.4	0.4	0.7	0.6	0.2	0.1				
50	0.2	0.1	0.3	0.6	0.7	1.0	1.5	1.8	1.8	1.5	1.0	0.7	0.6	0.3	0.1	0.2			
40		0.2	0.8	1.8	5.0	13.7	23.8	30.3	30.3	23.8	13.7	5.0	1.8	0.8	0.2				
30	0.2	0.4	2.7	9.3	54.2	155.9	316.8	457.5	457.5	316.8	155.9	54.2	9.3	2.7	0.4	0.2			
20		0.7	5.8	30.4	192.8	565.2	1158.4	1711.4	1711.4	1158.4	565.2	192.8	30.4	5.8	0.7				
10	0.2	1.3	9.8	66.1	396.7	1133.2	2372.7	3238.3	3238.3	2372.7	1133.2	396.7	66.1	9.8	1.3	0.2			
0		2.3	13.4	80.0	415.4	1160.4	2662.8	3549.0	3549.0	2662.8	1160.4	415.4	80.0	13.4	2.3				
-10	0.4	2.6	13.8	64.2	352.7	955.4	2011.9	2770.6	2770.6	2011.9	955.4	352.7	64.2	13.8	2.6	0.4			
-20		2.3	11.3	30.1	176.9	511.2	940.1	1234.5	1234.5	940.1	511.2	176.9	30.1	11.3	2.3				
-30	0.3	1.8	7.8	17.6	51.7	192.6	354.4	462.4	462.4	354.4	192.6	51.7	17.6	7.8	1.8	0.3			
-40		1.0	4.7	12.4	22.8	42.7	96.3	145.3	145.3	96.3	42.7	22.8	12.4	4.7	1.0				
-50	0.2	0.5	2.3	6.9	14.5	24.0	32.8	38.1	38.1	32.8	24.0	14.5	6.9	2.3	0.5	0.2			
-60		0.2	0.9	2.7	6.0	10.6	16.0	19.1	19.1	16.0	10.6	6.0	2.7	0.9	0.2				
-70																			
-80	0.2	0.7		2.2	5.8		8.1	5.8		2.2	0.7		0.2						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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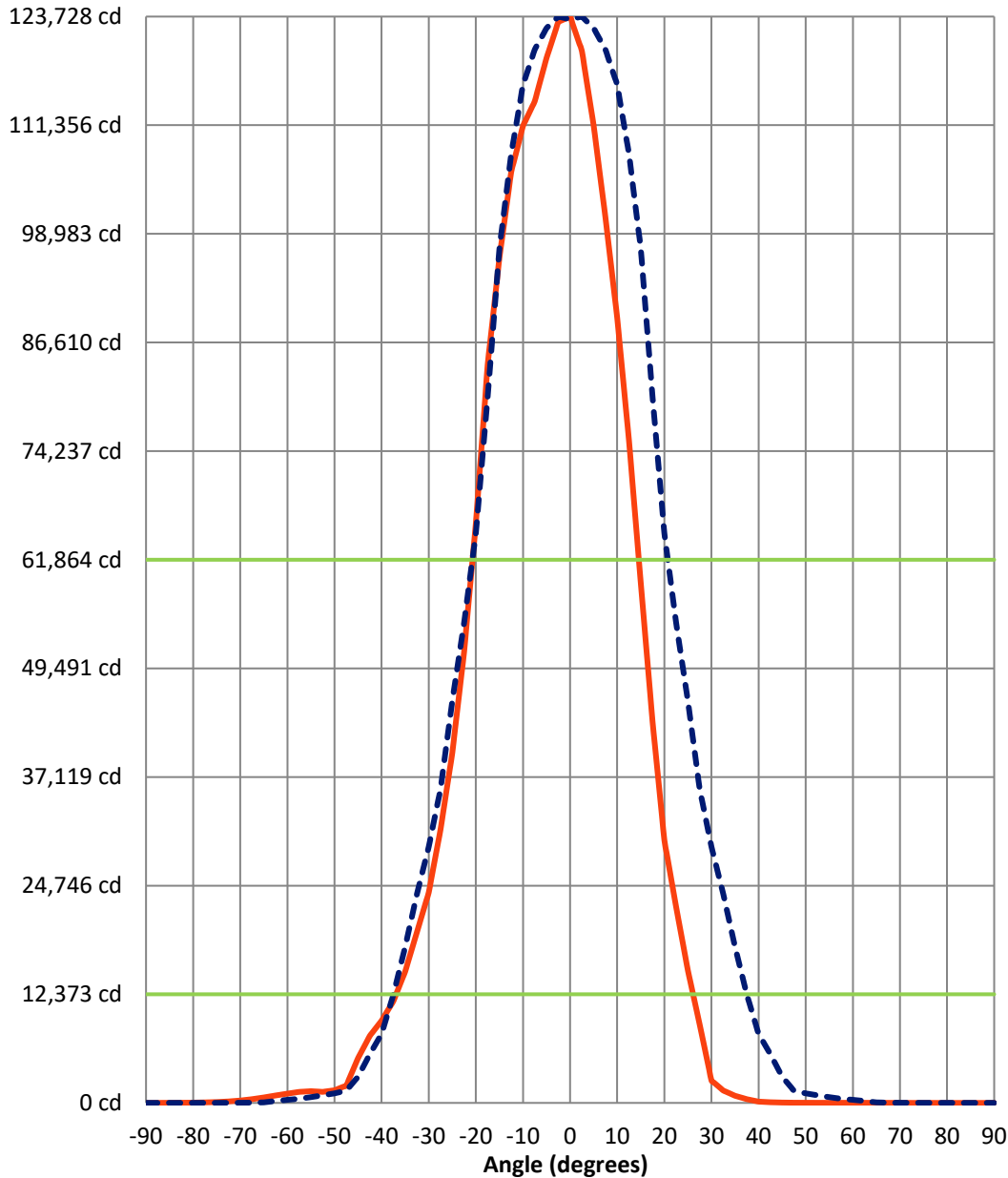
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.5°  
 V Angle: 35.3°  
 Lumens: 33586.1  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 55941.1  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 5122.3  
 Efficiency: 8.4%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.3
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.6	7.6	7.4
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.8	8.0	7.9	7.9
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.7	8.2	8.4	8.3	8.6
65°	7.2	7.2	7.2	7.2	7.2	7.4	8.1	8.7	8.6	8.7	9.0
62.5°	7.2	7.2	7.2	7.2	7.2	7.7	8.5	8.9	8.8	9.0	9.0
60°	7.2	7.2	7.2	7.2	7.2	8.1	9.0	9.0	9.0	9.0	9.0
57.5°	7.2	7.2	7.2	7.2	7.5	8.4	9.0	9.0	9.0	9.0	9.0
55°	7.2	7.2	7.2	7.2	7.7	8.7	9.0	9.0	9.0	9.0	9.0
52.5°	7.2	7.2	7.2	7.2	8.0	9.0	9.0	9.0	9.0	9.0	9.0
50°	7.2	7.2	7.2	7.2	8.2	9.0	9.0	9.0	9.0	9.0	9.5
47.5°	7.2	7.2	7.2	7.2	8.5	9.0	9.0	9.0	9.0	9.0	10.1
45°	7.2	7.2	7.2	7.4	8.7	9.0	9.0	9.0	9.1	9.5	10.7
42.5°	7.2	7.2	7.2	7.6	8.9	9.0	9.0	9.1	9.2	10.0	11.3
40°	7.2	7.2	7.2	7.7	9.0	9.0	9.0	9.2	9.5	10.5	11.8
37.5°	7.2	7.2	7.2	7.8	9.0	9.0	9.0	9.4	10.0	11.1	12.3
35°	7.2	7.2	7.2	7.9	9.0	9.0	9.0	9.6	10.5	11.7	12.8
32.5°	7.2	7.2	7.2	8.0	9.0	9.0	9.1	9.8	11.0	12.4	13.7
30°	7.2	7.2	7.2	8.0	9.0	9.0	9.2	10.2	11.4	13.2	14.7
27.5°	7.2	7.2	7.2	8.0	8.9	9.0	9.4	10.5	12.0	13.9	15.9
25°	7.2	7.2	7.2	8.0	8.9	9.0	9.7	10.9	12.6	14.9	17.3
22.5°	7.2	7.2	7.2	8.0	8.9	9.0	9.9	11.3	13.2	15.9	20.3
20°	7.2	7.2	7.2	8.0	8.9	9.0	10.1	11.6	13.8	16.9	23.5
17.5°	7.2	7.2	7.2	7.9	8.9	9.0	10.3	11.9	14.5	18.1	26.6
15°	7.2	7.2	7.2	7.8	8.9	9.0	10.4	12.2	15.1	19.2	29.8
12.5°	7.2	7.2	7.2	7.7	8.9	9.0	10.5	12.3	15.6	20.3	32.8
10°	7.2	7.2	7.2	7.6	8.9	9.0	10.6	12.4	16.2	22.0	36.9
7.5°	7.2	7.2	7.2	7.5	9.0	9.0	10.7	12.5	16.7	23.7	43.6
5°	7.2	7.2	7.2	7.4	9.0	9.0	10.8	12.6	17.2	25.5	50.3
2.5°	7.2	7.2	7.2	7.3	9.0	9.0	10.8	12.6	17.6	27.2	56.9
0°	7.2	7.2	7.2	7.2	9.0	9.0	10.8	12.6	18.0	28.8	63.1
-2.5°	7.2	7.2	7.2	7.3	9.0	9.4	11.5	14.3	22.9	39.5	81.6
-5°	7.2	7.2	7.2	7.4	9.0	9.8	12.2	15.9	27.5	49.7	98.9
-7.5°	7.2	7.2	7.2	7.5	9.0	10.1	12.8	17.4	31.7	59.0	114.6
-10°	7.2	7.2	7.2	7.6	8.9	10.5	13.4	18.8	35.4	67.3	128.3
-12.5°	7.2	7.2	7.2	7.7	8.9	10.7	13.9	20.0	38.4	74.2	137.8
-15°	7.2	7.2	7.2	7.8	8.9	11.0	14.4	21.0	41.4	80.2	144.4
-17.5°	7.2	7.2	7.2	7.9	8.9	11.1	14.8	22.4	44.3	84.5	148.7
-20°	7.2	7.2	7.2	8.0	8.9	11.2	15.3	24.1	46.1	87.2	150.7



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 CATALOG NUMBER: EPH-08-640L-40-80-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.2	7.2	8.0	8.9	11.1	15.8	25.2	46.8	88.0	150.2
-25°	7.2	7.2	7.2	8.0	8.9	11.1	16.1	25.8	46.3	86.9	147.2
-27.5°	7.2	7.2	7.2	8.0	8.9	11.0	16.1	25.9	44.5	84.6	145.5
-30°	7.2	7.2	7.2	8.0	9.0	10.8	15.8	25.4	43.5	82.5	141.2
-32.5°	7.2	7.2	7.2	8.0	9.1	10.5	15.3	24.9	42.9	78.5	134.1
-35°	7.2	7.2	7.2	7.9	9.2	10.2	14.8	24.3	41.4	72.7	124.2
-37.5°	7.2	7.2	7.2	7.8	9.2	9.9	14.3	23.1	39.0	64.8	109.6
-40°	7.2	7.2	7.2	7.7	9.3	10.0	13.8	21.5	35.7	59.7	95.9
-42.5°	7.2	7.2	7.2	7.6	9.2	10.1	13.1	19.4	32.7	53.6	81.6
-45°	7.2	7.2	7.2	7.5	9.1	10.1	12.3	17.5	29.7	46.8	67.7
-47.5°	7.2	7.2	7.2	7.3	8.9	10.1	11.4	16.4	26.0	39.6	59.6
-50°	7.2	7.2	7.2	7.3	8.7	10.0	11.2	15.2	21.5	34.3	50.8
-52.5°	7.2	7.2	7.2	7.4	8.5	9.9	11.0	13.8	18.8	28.7	41.9
-55°	7.2	7.2	7.2	7.4	8.3	9.7	10.9	12.4	16.8	22.6	34.9
-57.5°	7.2	7.2	7.2	7.4	8.1	9.4	10.7	12.1	14.8	19.3	27.5
-60°	7.2	7.2	7.2	7.5	7.9	9.1	10.4	11.7	12.9	16.8	21.3
-62.5°	7.2	7.2	7.2	7.5	7.9	8.8	10.0	11.3	12.5	14.1	18.2
-65°	7.2	7.2	7.2	7.5	7.9	8.5	9.7	10.8	12.0	13.1	15.0
-67.5°	7.2	7.2	7.2	7.5	8.0	8.4	9.3	10.4	11.5	12.5	13.6
-70°	7.2	7.2	7.2	7.6	8.0	8.4	8.9	9.9	10.9	11.9	12.9
-72.5°	7.2	7.2	7.2	7.5	8.0	8.4	8.9	9.4	10.4	11.3	12.3
-75°	7.2	7.2	7.2	7.5	8.0	8.5	8.9	9.3	9.8	10.7	11.6
-77.5°	7.2	7.2	7.2	7.5	7.9	8.5	8.9	9.2	9.6	10.1	10.9
-80°	7.2	7.2	7.2	7.4	7.8	8.3	9.0	9.1	9.3	9.7	10.2
-82.5°	7.2	7.2	7.2	7.4	7.7	8.1	8.6	8.8	9.0	9.2	9.5
-85°	7.2	7.2	7.2	7.3	7.5	7.8	8.1	8.3	8.4	8.6	8.7
-87.5°	7.2	7.2	7.2	7.3	7.4	7.5	7.7	7.7	7.8	7.9	8.0
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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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°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
87.5°	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.4	5.0	4.5	4.1
85°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.2	5.0	4.8
82.5°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
80°	7.2	7.2	7.2	7.2	6.8	6.4	5.9	5.5	5.4	5.5	5.5
77.5°	7.2	7.2	7.2	7.2	6.9	6.6	6.4	6.4	6.4	6.2	5.9
75°	7.2	7.2	7.3	7.3	7.1	7.1	7.2	7.2	6.9	6.5	6.0
72.5°	7.5	7.7	7.7	7.4	7.2	7.2	7.2	7.2	7.4	7.5	7.4
70°	8.2	8.3	7.9	7.5	7.2	7.4	8.2	9.2	10.0	9.9	9.8
67.5°	8.9	8.4	8.0	7.7	7.9	8.8	9.9	11.4	12.7	12.8	13.2
65°	9.0	8.5	8.3	8.5	8.9	10.5	12.1	13.7	17.6	19.9	21.1
62.5°	9.0	8.7	8.8	9.4	10.8	12.6	15.0	19.3	25.4	28.6	27.7
60°	9.0	8.9	9.6	10.9	12.5	14.2	18.2	24.1	32.1	37.8	34.4
57.5°	9.0	9.5	10.7	12.1	13.4	14.9	20.2	27.8	37.0	47.0	40.8
55°	9.3	10.2	11.6	12.9	14.2	15.5	21.1	29.6	40.1	46.1	40.2
52.5°	10.0	11.0	12.3	13.6	15.0	16.4	20.5	28.8	35.0	39.7	36.8
50°	10.6	11.7	12.9	14.4	15.9	17.5	18.2	24.9	29.9	32.0	31.8
47.5°	11.3	12.4	13.6	15.2	17.2	18.5	18.4	21.8	25.5	27.8	25.9
45°	11.9	13.1	14.3	16.6	18.7	19.9	20.9	20.2	26.0	27.6	26.5
42.5°	12.5	13.8	15.9	18.0	20.7	23.7	25.4	27.4	30.3	33.1	32.4
40°	13.1	14.5	18.1	22.3	24.3	29.8	35.2	38.4	39.7	42.2	42.2
37.5°	13.7	16.7	22.3	31.2	31.4	39.6	47.2	54.9	57.2	52.9	60.0
35°	14.2	19.2	33.7	44.5	46.3	52.5	65.2	76.9	83.8	79.8	86.3
32.5°	15.9	22.0	48.6	59.9	71.1	76.8	85.9	111.0	135.2	142.5	129.7
30°	18.7	35.6	65.6	76.9	103.3	120.6	126.1	159.9	210.6	254.8	342.2
27.5°	22.2	52.3	81.5	105.4	143.4	174.6	188.3	243.7	330.3	447.1	698.4
25°	26.0	69.9	98.4	141.7	195.9	232.3	254.6	332.8	478.0	850.9	1320.4
22.5°	35.2	87.8	119.7	182.1	255.2	286.8	333.9	440.5	684.3	1304.1	2083.0
20°	49.5	104.7	150.0	222.0	318.8	338.8	407.1	543.8	966.6	1905.4	2841.2
17.5°	63.6	123.8	183.2	269.1	367.7	408.1	478.1	637.9	1203.4	2658.9	3825.5
15°	77.2	144.5	214.5	316.9	424.9	504.5	611.7	849.8	1656.1	3551.2	5128.6
12.5°	90.2	166.3	243.8	364.5	491.0	606.9	765.1	1195.1	2463.5	4593.5	6947.9
10°	102.3	188.4	271.0	410.9	563.4	712.8	923.8	1572.9	3279.4	5500.6	8388.4
7.5°	130.2	222.2	301.5	455.3	639.3	820.1	1084.0	1966.1	4015.8	6268.2	9592.2
5°	161.3	267.8	359.6	524.9	719.1	921.0	1230.8	2355.5	4661.5	6900.5	10676.4
2.5°	191.7	311.8	416.3	594.1	795.7	1008.7	1321.8	2695.0	5168.1	7435.6	11612.1
0°	220.0	353.4	470.6	658.1	865.5	1089.1	1399.2	2991.3	5553.5	7868.7	12349.4
-2.5°	254.6	398.0	530.8	719.0	889.0	1091.5	1400.4	2881.9	5637.4	8278.0	12072.8
-5°	284.5	438.6	586.6	774.4	909.9	1088.1	1389.1	2714.8	5591.1	8497.2	11849.9
-7.5°	308.6	474.7	637.0	818.5	929.2	1099.3	1416.2	2751.6	5514.1	8497.2	11710.0
-10°	322.5	485.0	637.4	816.1	941.6	1113.5	1434.7	2686.6	5279.1	8321.2	11425.7
-12.5°	310.1	472.2	624.2	805.5	949.5	1116.4	1428.7	2502.6	4883.0	7962.5	11070.8
-15°	295.3	456.9	605.5	785.8	952.4	1106.7	1395.4	2187.4	4233.7	7190.0	10642.8
-17.5°	278.9	439.4	581.1	756.5	950.0	1083.3	1314.2	1688.7	3393.4	6110.6	9660.6
-20°	261.4	419.9	550.7	716.9	936.9	1029.6	1190.9	1498.1	2677.3	4900.5	8116.3



REPORT NUMBER: P1305634 (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°	243.4	398.9	519.1	677.9	861.2	964.9	1075.7	1296.8	1892.9	3540.4	6119.8
-25°	233.2	372.3	491.5	626.5	783.6	904.4	959.8	1099.0	1397.4	2599.0	4467.8
-27.5°	228.5	347.1	457.6	573.5	712.7	841.1	881.7	971.8	1194.7	1676.6	3018.2
-30°	220.6	312.7	420.2	522.8	650.6	765.1	824.6	881.6	1023.9	1284.5	2027.6
-32.5°	203.1	277.8	380.0	479.1	589.5	700.5	789.9	844.6	934.2	1070.3	1316.7
-35°	181.5	252.0	339.1	431.9	529.1	640.5	741.4	821.5	864.9	958.6	1123.7
-37.5°	161.9	224.1	298.0	384.2	474.8	578.0	688.9	776.4	840.1	884.9	1003.3
-40°	141.1	194.1	263.0	339.5	421.1	515.4	617.5	719.1	799.7	866.8	919.4
-42.5°	119.9	169.9	228.0	295.5	372.7	455.4	543.1	642.7	742.9	830.2	896.5
-45°	103.4	144.8	192.7	257.3	325.3	397.5	476.9	559.5	667.0	765.9	848.4
-47.5°	86.3	120.7	164.6	218.2	280.7	345.0	411.9	494.5	583.8	681.5	775.7
-50°	70.6	101.4	136.6	184.9	238.4	295.1	354.7	430.1	512.5	595.8	681.9
-52.5°	60.3	81.5	114.1	152.0	199.2	249.9	304.9	369.2	442.2	518.3	594.7
-55°	49.5	67.9	92.0	124.0	161.0	206.4	258.1	314.0	371.4	440.7	509.2
-57.5°	39.9	55.6	74.6	98.4	129.0	163.1	210.9	260.8	313.3	367.0	424.0
-60°	31.0	43.9	60.1	78.5	99.6	129.7	163.9	206.9	253.7	300.8	348.9
-62.5°	22.6	33.2	46.3	61.7	79.1	98.0	125.6	158.0	193.0	232.2	272.5
-65°	19.0	23.6	33.1	45.8	59.8	76.3	94.3	113.5	141.9	170.0	197.8
-67.5°	15.2	19.1	23.6	29.9	41.8	54.8	68.6	84.9	102.0	117.7	135.9
-70°	13.9	14.9	18.1	22.2	26.9	34.0	45.6	57.7	69.9	81.8	95.0
-72.5°	13.0	13.7	14.7	15.9	19.3	23.6	28.3	33.6	41.5	50.8	60.1
-75°	12.1	12.6	13.2	14.0	15.0	16.2	17.8	21.7	25.8	29.8	33.7
-77.5°	11.3	11.7	12.0	12.3	12.7	13.5	14.4	15.4	16.7	18.3	20.1
-80°	10.5	10.8	11.1	11.3	11.4	11.5	11.7	12.0	12.4	13.0	13.9
-82.5°	9.7	9.9	10.1	10.3	10.1	9.8	9.6	9.5	9.8	10.1	10.4
-85°	8.9	9.0	9.1	9.3	9.0	8.6	8.3	8.0	8.1	8.2	8.3
-87.5°	8.0	8.1	8.2	8.2	7.9	7.5	7.1	6.7	6.7	6.8	6.8
-90°	6.8	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.7	7.2	8.1	9.0
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7
85°	4.8	4.5	4.3	4.0	3.6	3.6	3.6	3.6	3.6	3.2	2.7
82.5°	5.4	5.0	4.5	4.1	3.6	3.6	3.6	3.6	3.6	3.2	2.7
80°	5.4	5.2	5.0	4.8	4.7	4.6	4.3	4.0	3.6	3.2	2.7
77.5°	5.5	5.4	5.4	5.4	5.4	5.0	4.6	4.1	3.7	3.2	2.7
75°	5.6	5.5	5.6	5.6	5.5	5.2	5.1	5.0	5.0	4.8	4.4
72.5°	7.1	6.8	6.6	6.5	6.2	6.1	6.0	5.8	5.5	5.3	5.3
70°	9.6	9.5	9.2	9.0	8.6	8.2	8.0	7.5	7.0	6.8	7.0
67.5°	14.1	14.4	14.3	13.6	12.3	11.0	10.3	9.6	8.8	8.8	9.4
65°	20.8	18.1	16.5	15.1	13.8	12.8	12.1	11.4	10.7	10.9	12.4
62.5°	24.7	19.3	16.5	15.4	14.8	14.2	13.2	12.5	12.1	12.5	13.7
60°	28.7	20.8	15.5	14.5	13.6	12.7	12.6	12.6	12.6	12.8	13.4
57.5°	30.8	21.3	14.3	13.8	13.3	12.8	12.8	12.9	12.8	12.6	13.2
55°	30.1	21.4	14.8	14.0	13.9	14.1	14.1	13.4	12.9	12.6	13.1
52.5°	27.4	20.7	15.8	14.5	14.5	13.8	12.7	13.3	14.1	14.7	15.4
50°	24.4	19.4	16.9	15.8	15.8	15.9	15.9	16.8	17.7	18.3	19.0
47.5°	22.4	19.5	19.4	19.0	19.5	20.5	21.0	22.0	24.7	26.1	26.8
45°	22.6	23.9	24.9	25.8	25.7	30.9	34.6	36.6	39.0	41.2	43.0
42.5°	30.5	34.0	37.2	41.8	44.7	53.2	57.6	52.1	63.6	73.6	76.0
40°	46.8	51.8	62.9	75.3	90.1	96.5	126.6	127.9	140.9	173.5	184.0
37.5°	71.1	85.5	124.1	156.8	208.6	239.5	277.6	314.2	343.6	373.8	394.5
35°	110.8	184.6	242.7	344.5	414.2	449.3	494.6	548.8	571.8	666.8	739.5
32.5°	236.9	369.3	527.0	608.4	699.7	769.5	759.8	985.0	1071.8	1214.7	1330.9
30°	437.9	754.1	1177.6	1177.7	1161.3	1546.4	1687.4	1978.2	2276.4	2475.0	2950.0
27.5°	1012.3	1683.3	2354.1	2367.7	2658.4	3462.5	3920.5	4058.1	5351.9	6182.9	7316.2
25°	1865.4	2969.8	3895.2	4325.9	5189.1	6499.3	7274.8	8199.6	10130.8	12331.2	13720.4
22.5°	2778.1	3955.2	5345.8	6326.4	7980.8	9666.2	11076.7	13117.4	15712.8	18168.2	19829.5
20°	3465.2	4848.1	6812.1	8872.0	10967.9	13080.7	15271.6	18075.8	21589.2	24579.1	27281.5
17.5°	4866.2	6328.3	8986.5	11788.3	14632.8	16890.0	20350.1	23713.2	27993.6	32332.2	35692.7
15°	6939.3	9296.0	11955.6	15589.9	19590.6	23044.8	26713.5	32615.4	37822.8	43399.1	48381.4
12.5°	9599.5	12723.0	16247.4	20427.0	25670.6	31091.4	36686.6	42916.1	49727.1	56425.3	63535.5
10°	12083.4	16376.2	20926.5	26069.3	32069.8	38915.5	45751.9	52810.4	62274.8	70852.8	78456.2
7.5°	13798.4	18854.3	24439.0	30725.0	38131.6	45412.6	53134.9	62732.1	73789.1	83515.9	91307.9
5°	15338.4	21067.5	26643.9	32998.5	41609.7	49931.9	59056.3	70737.5	83324.2	93990.8	101756.4
2.5°	16679.1	22844.4	28259.9	34661.7	44116.1	52774.9	62738.6	76659.8	91322.9	102007.2	110200.8
0°	17782.1	23799.1	29174.1	35768.0	45764.4	54682.5	64904.2	80385.6	97264.4	108057.7	115933.7
-2.5°	16714.3	22172.6	27478.2	34157.0	44230.8	53364.1	64412.0	80159.3	96723.9	108365.1	116497.3
-5°	15907.7	20892.3	25928.9	32537.6	41397.9	49866.8	60233.9	76428.9	93863.6	105626.1	113854.7
-7.5°	15282.6	19632.8	24212.1	30297.4	38402.6	47383.5	58499.1	74124.6	90599.3	102495.7	109951.5
-10°	14601.1	18338.3	23329.0	29462.5	37344.4	45906.2	55781.0	70235.3	86881.2	98327.4	107059.9
-12.5°	14393.6	18339.6	23366.6	28692.1	35942.1	44164.2	53578.9	65890.8	78649.7	90652.3	98310.3
-15°	14058.9	18063.2	22983.0	27991.9	34564.6	42483.3	50342.5	59441.2	70105.5	78778.1	86778.0
-17.5°	13402.5	17250.6	20947.8	25628.2	32025.2	39366.4	45321.5	52477.0	60171.0	66784.2	72818.5
-20°	11831.3	14448.3	17952.5	22366.1	27848.2	33792.6	39214.6	44377.2	49321.7	54359.9	57850.1



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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°	9053.2	11566.1	14504.2	18170.5	22516.3	27696.8	32488.3	35984.9	39918.0	43545.7	46528.5
-25°	6620.5	8461.7	11203.9	14332.3	17168.4	21317.7	24994.8	27356.2	30808.6	33520.6	36102.4
-27.5°	4787.6	6590.8	8827.0	11298.9	13425.3	15654.4	18900.5	21155.5	23870.8	25950.4	28103.8
-30°	3267.8	5253.5	7314.3	9336.3	10954.1	12638.1	14436.9	16661.2	18841.0	20588.1	22143.9
-32.5°	2266.5	3705.4	5719.4	7603.3	9065.4	10349.4	11531.4	13221.2	14852.3	16274.4	17440.4
-35°	1388.6	2409.0	3803.9	5597.9	7143.4	8377.3	9467.4	10543.7	11587.3	12657.3	13558.7
-37.5°	1174.8	1418.4	2287.6	3522.8	4995.1	6368.4	7436.2	8324.9	9112.6	9926.9	10567.9
-40°	1038.2	1183.9	1402.1	1853.9	2986.4	4127.9	5279.3	6235.8	7102.1	7824.1	8385.4
-42.5°	948.1	1045.6	1151.8	1329.0	1538.9	2098.5	3088.6	4053.9	4993.6	5781.6	6442.2
-45°	920.2	969.1	1026.5	1121.4	1208.3	1378.5	1562.3	1752.7	2499.8	3292.5	3990.9
-47.5°	856.5	934.9	987.0	1027.7	1076.2	1153.2	1223.8	1313.7	1485.3	1655.5	1794.6
-50°	772.1	857.8	929.8	999.6	1048.9	1082.5	1108.3	1154.9	1223.3	1289.8	1343.5
-52.5°	670.0	753.0	836.7	921.6	991.6	1056.5	1117.3	1159.5	1191.4	1218.6	1232.6
-55°	577.0	646.5	716.5	801.8	886.5	967.7	1045.8	1112.3	1174.3	1232.3	1265.1
-57.5°	486.2	546.0	608.4	684.7	759.9	833.8	909.4	986.2	1061.3	1131.3	1172.0
-60°	399.6	452.8	509.2	570.8	636.1	704.3	769.5	834.5	899.0	956.2	989.8
-62.5°	314.9	359.7	405.6	454.2	505.6	559.3	613.4	668.2	722.7	768.6	797.0
-65°	228.7	265.2	300.3	335.9	372.0	412.7	455.5	497.2	537.5	569.0	589.7
-67.5°	159.9	183.5	205.0	226.0	251.5	280.5	311.3	341.2	370.1	391.8	406.4
-70°	108.5	121.6	133.5	147.2	163.9	181.2	199.3	216.7	233.2	245.9	255.6
-72.5°	69.3	78.0	86.4	95.8	104.8	114.8	125.2	135.1	144.4	150.9	156.0
-75°	37.5	42.1	49.0	55.4	61.4	68.6	76.0	83.0	89.5	93.0	95.2
-77.5°	22.9	26.0	29.0	31.8	34.5	38.4	42.8	47.1	51.4	53.4	54.9
-80°	15.0	16.4	18.0	19.5	21.0	23.4	25.8	28.2	30.6	31.4	31.8
-82.5°	10.6	11.1	11.7	12.2	12.9	14.3	15.9	17.4	19.0	20.1	21.2
-85°	8.3	8.4	8.5	8.6	8.7	9.5	10.3	11.3	12.2	12.8	13.3
-87.5°	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.7	8.1
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7



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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°	9.9	10.8	9.9	9.0	9.9	10.8	9.9	9.0	8.1	7.2	6.7
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	3.6
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.0
77.5°	2.3	1.8	2.7	3.6	2.7	1.8	2.3	2.7	3.2	3.7	4.1
75°	4.0	3.6	3.6	3.6	3.6	3.6	4.0	4.4	4.8	5.0	5.0
72.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.5	5.8
70°	7.1	7.1	7.2	7.2	7.2	7.1	7.1	7.0	6.8	7.0	7.5
67.5°	10.0	10.6	10.8	10.8	10.8	10.6	10.0	9.4	8.8	8.8	9.6
65°	14.1	15.7	15.3	14.4	15.3	15.7	14.1	12.4	10.9	10.7	11.4
62.5°	14.9	16.0	16.2	16.2	16.2	16.0	14.9	13.7	12.5	12.1	12.5
60°	13.9	14.3	14.4	14.4	14.4	14.3	13.9	13.4	12.8	12.6	12.6
57.5°	13.7	14.2	14.4	14.4	14.4	14.2	13.7	13.2	12.6	12.8	12.9
55°	13.7	14.2	14.4	14.4	14.4	14.2	13.7	13.1	12.6	12.9	13.4
52.5°	15.8	16.1	16.2	16.2	16.2	16.1	15.8	15.4	14.7	14.1	13.3
50°	20.0	21.0	20.3	18.0	20.3	21.0	20.0	19.0	18.3	17.7	16.8
47.5°	26.7	25.8	25.1	25.2	25.1	25.8	26.7	26.8	26.1	24.7	22.0
45°	43.6	43.2	42.9	43.3	42.9	43.2	43.6	43.0	41.2	39.0	36.6
42.5°	78.6	78.8	77.5	75.7	77.5	78.8	78.6	76.0	73.6	63.6	52.1
40°	183.5	168.2	147.4	135.2	147.4	168.2	183.5	184.0	173.5	140.9	127.9
37.5°	413.4	425.4	426.5	418.3	426.5	425.4	413.4	394.5	373.8	343.6	314.2
35°	785.4	813.5	815.1	800.6	815.1	813.5	785.4	739.5	666.8	571.8	548.8
32.5°	1329.0	1392.3	1416.1	1410.0	1416.1	1392.3	1329.0	1330.9	1214.7	1071.8	985.0
30°	2729.2	2748.1	2553.8	2198.0	2553.8	2748.1	2729.2	2950.0	2475.0	2276.4	1978.2
27.5°	7931.1	8663.1	8928.6	8811.7	8928.6	8663.1	7931.1	7316.2	6182.9	5351.9	4058.1
25°	14119.3	14601.6	15083.0	15138.8	15083.0	14601.6	14119.3	13720.4	12331.2	10130.8	8199.6
22.5°	20980.1	21665.5	22316.1	22167.3	22316.1	21665.5	20980.1	19829.5	18168.2	15712.8	13117.4
20°	28997.8	29470.5	29950.6	29419.3	29950.6	29470.5	28997.8	27281.5	24579.1	21589.2	18075.8
17.5°	39212.8	41438.5	43414.3	42520.6	43414.3	41438.5	39212.8	35692.7	32332.2	27993.6	23713.2
15°	53072.5	56946.4	59218.5	59098.3	59218.5	56946.4	53072.5	48381.4	43399.1	37822.8	32615.4
12.5°	69044.0	73092.2	75411.0	74931.3	75411.0	73092.2	69044.0	63535.5	56425.3	49727.1	42916.1
10°	83453.7	86632.6	89387.6	90466.7	89387.6	86632.6	83453.7	78456.2	70852.8	62274.8	52810.4
7.5°	96181.1	98549.6	100847.6	101258.3	100847.6	98549.6	96181.1	91307.9	83515.9	73789.1	62732.1
5°	106658.3	110013.9	111312.9	111828.0	111312.9	110013.9	106658.3	101756.4	93990.8	83324.2	70737.5
2.5°	115114.1	118183.7	119808.5	119328.9	119808.5	118183.7	115114.1	110200.8	102007.2	91322.9	76659.8
0°	119971.7	122401.4	123728.4	123411.1	123728.4	122401.4	119971.7	115933.7	108057.7	97264.4	80385.6
-2.5°	120450.4	122084.3	123122.3	122715.1	123122.3	122084.3	120450.4	116497.3	108365.1	96723.9	80159.3
-5°	117137.9	118467.4	119012.8	119245.9	119012.8	118467.4	117137.9	113854.7	105626.1	93863.6	76428.9
-7.5°	112573.6	114359.6	114088.0	114557.9	114088.0	114359.6	112573.6	109951.5	102495.7	90599.3	74124.6
-10°	109855.2	111503.5	111264.8	111391.7	111264.8	111503.5	109855.2	107059.9	98327.4	86881.2	70235.3
-12.5°	103259.4	105652.5	106019.9	106432.2	106019.9	105652.5	103259.4	98310.3	90652.3	78649.7	65890.8
-15°	92028.8	94658.4	96248.4	96606.3	96248.4	94658.4	92028.8	86778.0	78778.1	70105.5	59441.2
-17.5°	77835.3	81471.9	84028.6	84622.9	84028.6	81471.9	77835.3	72818.5	66784.2	60171.0	52477.0
-20°	62112.3	64715.6	66040.2	66754.2	66040.2	64715.6	62112.3	57850.1	54359.9	49321.7	44377.2



REPORT NUMBER: P1305634 (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°	48888.0	50607.2	51345.2	51465.8	51345.2	50607.2	48888.0	46528.5	43545.7	39918.0	35984.9
-25°	38193.2	39365.0	39867.4	40609.3	39867.4	39365.0	38193.2	36102.4	33520.6	30808.6	27356.2
-27.5°	29639.3	30669.6	31129.0	31812.0	31129.0	30669.6	29639.3	28103.8	25950.4	23870.8	21155.5
-30°	23193.3	23814.0	23968.9	24002.8	23968.9	23814.0	23193.3	22143.9	20588.1	18841.0	16661.2
-32.5°	18345.9	19045.0	19462.4	19648.3	19462.4	19045.0	18345.9	17440.4	16274.4	14852.3	13221.2
-35°	14233.8	14694.5	14968.8	15277.6	14968.8	14694.5	14233.8	13558.7	12657.3	11587.3	10543.7
-37.5°	11066.4	11408.0	11597.0	11660.6	11597.0	11408.0	11066.4	10567.9	9926.9	9112.6	8324.9
-40°	8833.2	9172.4	9376.1	9406.8	9376.1	9172.4	8833.2	8385.4	7824.1	7102.1	6235.8
-42.5°	6944.0	7366.7	7640.1	7702.8	7640.1	7366.7	6944.0	6442.2	5781.6	4993.6	4053.9
-45°	4501.8	4895.2	5103.4	5090.1	5103.4	4895.2	4501.8	3990.9	3292.5	2499.8	1752.7
-47.5°	1883.5	1946.9	1974.1	1965.4	1974.1	1946.9	1883.5	1794.6	1655.5	1485.3	1313.7
-50°	1385.9	1421.8	1441.6	1446.1	1441.6	1421.8	1385.9	1343.5	1289.8	1223.3	1154.9
-52.5°	1244.5	1257.7	1262.3	1262.2	1262.3	1257.7	1244.5	1232.6	1218.6	1191.4	1159.5
-55°	1295.6	1324.6	1336.0	1336.1	1336.0	1324.6	1295.6	1265.1	1232.3	1174.3	1112.3
-57.5°	1208.9	1241.5	1256.6	1260.4	1256.6	1241.5	1208.9	1172.0	1131.3	1061.3	986.2
-60°	1019.9	1046.1	1057.6	1060.2	1057.6	1046.1	1019.9	989.8	956.2	899.0	834.5
-62.5°	821.2	841.1	847.2	845.7	847.2	841.1	821.2	797.0	768.6	722.7	668.2
-65°	606.9	620.6	621.7	616.7	621.7	620.6	606.9	589.7	569.0	537.5	497.2
-67.5°	418.1	426.7	427.2	423.7	427.2	426.7	418.1	406.4	391.8	370.1	341.2
-70°	263.8	270.4	270.7	268.7	270.7	270.4	263.8	255.6	245.9	233.2	216.7
-72.5°	160.3	163.9	167.1	169.5	167.1	163.9	160.3	156.0	150.9	144.4	135.1
-75°	97.0	98.2	98.1	97.4	98.1	98.2	97.0	95.2	93.0	89.5	83.0
-77.5°	56.1	57.2	59.3	61.3	59.3	57.2	56.1	54.9	53.4	51.4	47.1
-80°	32.2	32.4	33.3	34.3	33.3	32.4	32.2	31.8	31.4	30.6	28.2
-82.5°	22.3	23.3	23.4	23.4	23.4	23.3	22.3	21.2	20.1	19.0	17.4
-85°	13.9	14.4	15.3	16.2	15.3	14.4	13.9	13.3	12.8	12.2	11.3
-87.5°	8.6	9.0	9.0	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	3.6



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4
85°	3.6	3.6	3.6	4.0	4.3	4.5	4.8	4.8	5.0	5.2	5.4
82.5°	3.6	3.6	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4
80°	4.3	4.6	4.7	4.8	5.0	5.2	5.4	5.5	5.5	5.4	5.5
77.5°	4.6	5.0	5.4	5.4	5.4	5.4	5.5	5.9	6.2	6.4	6.4
75°	5.1	5.2	5.5	5.6	5.6	5.5	5.6	6.0	6.5	6.9	7.2
72.5°	6.0	6.1	6.2	6.5	6.6	6.8	7.1	7.4	7.5	7.4	7.2
70°	8.0	8.2	8.6	9.0	9.2	9.5	9.6	9.8	9.9	10.0	9.2
67.5°	10.3	11.0	12.3	13.6	14.3	14.4	14.1	13.2	12.8	12.7	11.4
65°	12.1	12.8	13.8	15.1	16.5	18.1	20.8	21.1	19.9	17.6	13.7
62.5°	13.2	14.2	14.8	15.4	16.5	19.3	24.7	27.7	28.6	25.4	19.3
60°	12.6	12.7	13.6	14.5	15.5	20.8	28.7	34.4	37.8	32.1	24.1
57.5°	12.8	12.8	13.3	13.8	14.3	21.3	30.8	40.8	47.0	37.0	27.8
55°	14.1	14.1	13.9	14.0	14.8	21.4	30.1	40.2	46.1	40.1	29.6
52.5°	12.7	13.8	14.5	14.5	15.8	20.7	27.4	36.8	39.7	35.0	28.8
50°	15.9	15.9	15.8	15.8	16.9	19.4	24.4	31.8	32.0	29.9	24.9
47.5°	21.0	20.5	19.5	19.0	19.4	19.5	22.4	25.9	27.8	25.5	21.8
45°	34.6	30.9	25.7	25.8	24.9	23.9	22.6	26.5	27.6	26.0	20.2
42.5°	57.6	53.2	44.7	41.8	37.2	34.0	30.5	32.4	33.1	30.3	27.4
40°	126.6	96.5	90.1	75.3	62.9	51.8	46.8	42.2	42.2	39.7	38.4
37.5°	277.6	239.5	208.6	156.8	124.1	85.5	71.1	60.0	52.9	57.2	54.9
35°	494.6	449.3	414.2	344.5	242.7	184.6	110.8	86.3	79.8	83.8	76.9
32.5°	759.8	769.5	699.7	608.4	527.0	369.3	236.9	129.7	142.5	135.2	111.0
30°	1687.4	1546.4	1161.3	1177.7	1177.6	754.1	437.9	342.2	254.8	210.6	159.9
27.5°	3920.5	3462.5	2658.4	2367.7	2354.1	1683.3	1012.3	698.4	447.1	330.3	243.7
25°	7274.8	6499.3	5189.1	4325.9	3895.2	2969.8	1865.4	1320.4	850.9	478.0	332.8
22.5°	11076.7	9666.2	7980.8	6326.4	5345.8	3955.2	2778.1	2083.0	1304.1	684.3	440.5
20°	15271.6	13080.7	10967.9	8872.0	6812.1	4848.1	3465.2	2841.2	1905.4	966.6	543.8
17.5°	20350.1	16890.0	14632.8	11788.3	8986.5	6328.3	4866.2	3825.5	2658.9	1203.4	637.9
15°	26713.5	23044.8	19590.6	15589.9	11955.6	9296.0	6939.3	5128.6	3551.2	1656.1	849.8
12.5°	36686.6	31091.4	25670.6	20427.0	16247.4	12723.0	9599.5	6947.9	4593.5	2463.5	1195.1
10°	45751.9	38915.5	32069.8	26069.3	20926.5	16376.2	12083.4	8388.4	5500.6	3279.4	1572.9
7.5°	53134.9	45412.6	38131.6	30725.0	24439.0	18854.3	13798.4	9592.2	6268.2	4015.8	1966.1
5°	59056.3	49931.9	41609.7	32998.5	26643.9	21067.5	15338.4	10676.4	6900.5	4661.5	2355.5
2.5°	62738.6	52774.9	44116.1	34661.7	28259.9	22844.4	16679.1	11612.1	7435.6	5168.1	2695.0
0°	64904.2	54682.5	45764.4	35768.0	29174.1	23799.1	17782.1	12349.4	7868.7	5553.5	2991.3
-2.5°	64412.0	53364.1	44230.8	34157.0	27478.2	22172.6	16714.3	12072.8	8278.0	5637.4	2881.9
-5°	60233.9	49866.8	41397.9	32537.6	25928.9	20892.3	15907.7	11849.9	8497.2	5591.1	2714.8
-7.5°	58499.1	47383.5	38402.6	30297.4	24212.1	19632.8	15282.6	11710.0	8497.2	5514.1	2751.6
-10°	55781.0	45906.2	37344.4	29462.5	23329.0	18338.3	14601.1	11425.7	8321.2	5279.1	2686.6
-12.5°	53578.9	44164.2	35942.1	28692.1	23366.6	18339.6	14393.6	11070.8	7962.5	4883.0	2502.6
-15°	50342.5	42483.3	34564.6	27991.9	22983.0	18063.2	14058.9	10642.8	7190.0	4233.7	2187.4
-17.5°	45321.5	39366.4	32025.2	25628.2	20947.8	17250.6	13402.5	9660.6	6110.6	3393.4	1688.7
-20°	39214.6	33792.6	27848.2	22366.1	17952.5	14448.3	11831.3	8116.3	4900.5	2677.3	1498.1



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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°	32488.3	27696.8	22516.3	18170.5	14504.2	11566.1	9053.2	6119.8	3540.4	1892.9	1296.8
-25°	24994.8	21317.7	17168.4	14332.3	11203.9	8461.7	6620.5	4467.8	2599.0	1397.4	1099.0
-27.5°	18900.5	15654.4	13425.3	11298.9	8827.0	6590.8	4787.6	3018.2	1676.6	1194.7	971.8
-30°	14436.9	12638.1	10954.1	9336.3	7314.3	5253.5	3267.8	2027.6	1284.5	1023.9	881.6
-32.5°	11531.4	10349.4	9065.4	7603.3	5719.4	3705.4	2266.5	1316.7	1070.3	934.2	844.6
-35°	9467.4	8377.3	7143.4	5597.9	3803.9	2409.0	1388.6	1123.7	958.6	864.9	821.5
-37.5°	7436.2	6368.4	4995.1	3522.8	2287.6	1418.4	1174.8	1003.3	884.9	840.1	776.4
-40°	5279.3	4127.9	2986.4	1853.9	1402.1	1183.9	1038.2	919.4	866.8	799.7	719.1
-42.5°	3088.6	2098.5	1538.9	1329.0	1151.8	1045.6	948.1	896.5	830.2	742.9	642.7
-45°	1562.3	1378.5	1208.3	1121.4	1026.5	969.1	920.2	848.4	765.9	667.0	559.5
-47.5°	1223.8	1153.2	1076.2	1027.7	987.0	934.9	856.5	775.7	681.5	583.8	494.5
-50°	1108.3	1082.5	1048.9	999.6	929.8	857.8	772.1	681.9	595.8	512.5	430.1
-52.5°	1117.3	1056.5	991.6	921.6	836.7	753.0	670.0	594.7	518.3	442.2	369.2
-55°	1045.8	967.7	886.5	801.8	716.5	646.5	577.0	509.2	440.7	371.4	314.0
-57.5°	909.4	833.8	759.9	684.7	608.4	546.0	486.2	424.0	367.0	313.3	260.8
-60°	769.5	704.3	636.1	570.8	509.2	452.8	399.6	348.9	300.8	253.7	206.9
-62.5°	613.4	559.3	505.6	454.2	405.6	359.7	314.9	272.5	232.2	193.0	158.0
-65°	455.5	412.7	372.0	335.9	300.3	265.2	228.7	197.8	170.0	141.9	113.5
-67.5°	311.3	280.5	251.5	226.0	205.0	183.5	159.9	135.9	117.7	102.0	84.9
-70°	199.3	181.2	163.9	147.2	133.5	121.6	108.5	95.0	81.8	69.9	57.7
-72.5°	125.2	114.8	104.8	95.8	86.4	78.0	69.3	60.1	50.8	41.5	33.6
-75°	76.0	68.6	61.4	55.4	49.0	42.1	37.5	33.7	29.8	25.8	21.7
-77.5°	42.8	38.4	34.5	31.8	29.0	26.0	22.9	20.1	18.3	16.7	15.4
-80°	25.8	23.4	21.0	19.5	18.0	16.4	15.0	13.9	13.0	12.4	12.0
-82.5°	15.9	14.3	12.9	12.2	11.7	11.1	10.6	10.4	10.1	9.8	9.5
-85°	10.3	9.5	8.7	8.6	8.5	8.4	8.3	8.3	8.2	8.1	8.0
-87.5°	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	5.7	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.2	7.2	7.2
85°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	5.9	6.4	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	6.4	6.6	6.9	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.1	7.1	7.3	7.3	7.2	7.2	7.3	7.4	7.2	7.2
72.5°	7.2	7.2	7.2	7.4	7.7	7.7	7.5	7.4	7.6	7.6	7.3
70°	8.2	7.4	7.2	7.5	7.9	8.3	8.2	7.9	7.9	8.0	7.8
67.5°	9.9	8.8	7.9	7.7	8.0	8.4	8.9	8.6	8.3	8.4	8.2
65°	12.1	10.5	8.9	8.5	8.3	8.5	9.0	9.0	8.7	8.6	8.7
62.5°	15.0	12.6	10.8	9.4	8.8	8.7	9.0	9.0	9.0	8.8	8.9
60°	18.2	14.2	12.5	10.9	9.6	8.9	9.0	9.0	9.0	9.0	9.0
57.5°	20.2	14.9	13.4	12.1	10.7	9.5	9.0	9.0	9.0	9.0	9.0
55°	21.1	15.5	14.2	12.9	11.6	10.2	9.3	9.0	9.0	9.0	9.0
52.5°	20.5	16.4	15.0	13.6	12.3	11.0	10.0	9.0	9.0	9.0	9.0
50°	18.2	17.5	15.9	14.4	12.9	11.7	10.6	9.5	9.0	9.0	9.0
47.5°	18.4	18.5	17.2	15.2	13.6	12.4	11.3	10.1	9.0	9.0	9.0
45°	20.9	19.9	18.7	16.6	14.3	13.1	11.9	10.7	9.5	9.1	9.0
42.5°	25.4	23.7	20.7	18.0	15.9	13.8	12.5	11.3	10.0	9.2	9.1
40°	35.2	29.8	24.3	22.3	18.1	14.5	13.1	11.8	10.5	9.5	9.2
37.5°	47.2	39.6	31.4	31.2	22.3	16.7	13.7	12.3	11.1	10.0	9.4
35°	65.2	52.5	46.3	44.5	33.7	19.2	14.2	12.8	11.7	10.5	9.6
32.5°	85.9	76.8	71.1	59.9	48.6	22.0	15.9	13.7	12.4	11.0	9.8
30°	126.1	120.6	103.3	76.9	65.6	35.6	18.7	14.7	13.2	11.4	10.2
27.5°	188.3	174.6	143.4	105.4	81.5	52.3	22.2	15.9	13.9	12.0	10.5
25°	254.6	232.3	195.9	141.7	98.4	69.9	26.0	17.3	14.9	12.6	10.9
22.5°	333.9	286.8	255.2	182.1	119.7	87.8	35.2	20.3	15.9	13.2	11.3
20°	407.1	338.8	318.8	222.0	150.0	104.7	49.5	23.5	16.9	13.8	11.6
17.5°	478.1	408.1	367.7	269.1	183.2	123.8	63.6	26.6	18.1	14.5	11.9
15°	611.7	504.5	424.9	316.9	214.5	144.5	77.2	29.8	19.2	15.1	12.2
12.5°	765.1	606.9	491.0	364.5	243.8	166.3	90.2	32.8	20.3	15.6	12.3
10°	923.8	712.8	563.4	410.9	271.0	188.4	102.3	36.9	22.0	16.2	12.4
7.5°	1084.0	820.1	639.3	455.3	301.5	222.2	130.2	43.6	23.7	16.7	12.5
5°	1230.8	921.0	719.1	524.9	359.6	267.8	161.3	50.3	25.5	17.2	12.6
2.5°	1321.8	1008.7	795.7	594.1	416.3	311.8	191.7	56.9	27.2	17.6	12.6
0°	1399.2	1089.1	865.5	658.1	470.6	353.4	220.0	63.1	28.8	18.0	12.6
-2.5°	1400.4	1091.5	889.0	719.0	530.8	398.0	254.6	81.6	39.5	22.9	14.3
-5°	1389.1	1088.1	909.9	774.4	586.6	438.6	284.5	98.9	49.7	27.5	15.9
-7.5°	1416.2	1099.3	929.2	818.5	637.0	474.7	308.6	114.6	59.0	31.7	17.4
-10°	1434.7	1113.5	941.6	816.1	637.4	485.0	322.5	128.3	67.3	35.4	18.8
-12.5°	1428.7	1116.4	949.5	805.5	624.2	472.2	310.1	137.8	74.2	38.4	20.0
-15°	1395.4	1106.7	952.4	785.8	605.5	456.9	295.3	144.4	80.2	41.4	21.0
-17.5°	1314.2	1083.3	950.0	756.5	581.1	439.4	278.9	148.7	84.5	44.3	22.4
-20°	1190.9	1029.6	936.9	716.9	550.7	419.9	261.4	150.7	87.2	46.1	24.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1075.7	964.9	861.2	677.9	519.1	398.9	243.4	150.2	88.0	46.8	25.2
-25°	959.8	904.4	783.6	626.5	491.5	372.3	233.2	147.2	86.9	46.3	25.8
-27.5°	881.7	841.1	712.7	573.5	457.6	347.1	228.5	145.5	84.6	44.5	25.9
-30°	824.6	765.1	650.6	522.8	420.2	312.7	220.6	141.2	82.5	43.5	25.4
-32.5°	789.9	700.5	589.5	479.1	380.0	277.8	203.1	134.1	78.5	42.9	24.9
-35°	741.4	640.5	529.1	431.9	339.1	252.0	181.5	124.2	72.7	41.4	24.3
-37.5°	688.9	578.0	474.8	384.2	298.0	224.1	161.9	109.6	64.8	39.0	23.1
-40°	617.5	515.4	421.1	339.5	263.0	194.1	141.1	95.9	59.7	35.7	21.5
-42.5°	543.1	455.4	372.7	295.5	228.0	169.9	119.9	81.6	53.6	32.7	19.4
-45°	476.9	397.5	325.3	257.3	192.7	144.8	103.4	67.7	46.8	29.7	17.5
-47.5°	411.9	345.0	280.7	218.2	164.6	120.7	86.3	59.6	39.6	26.0	16.4
-50°	354.7	295.1	238.4	184.9	136.6	101.4	70.6	50.8	34.3	21.5	15.2
-52.5°	304.9	249.9	199.2	152.0	114.1	81.5	60.3	41.9	28.7	18.8	13.8
-55°	258.1	206.4	161.0	124.0	92.0	67.9	49.5	34.9	22.6	16.8	12.4
-57.5°	210.9	163.1	129.0	98.4	74.6	55.6	39.9	27.5	19.3	14.8	12.1
-60°	163.9	129.7	99.6	78.5	60.1	43.9	31.0	21.3	16.8	12.9	11.7
-62.5°	125.6	98.0	79.1	61.7	46.3	33.2	22.6	18.2	14.1	12.5	11.3
-65°	94.3	76.3	59.8	45.8	33.1	23.6	19.0	15.0	13.1	12.0	10.8
-67.5°	68.6	54.8	41.8	29.9	23.6	19.1	15.2	13.6	12.5	11.5	10.4
-70°	45.6	34.0	26.9	22.2	18.1	14.9	13.9	12.9	11.9	10.9	9.9
-72.5°	28.3	23.6	19.3	15.9	14.7	13.7	13.0	12.3	11.3	10.4	9.4
-75°	17.8	16.2	15.0	14.0	13.2	12.6	12.1	11.6	10.7	9.8	9.3
-77.5°	14.4	13.5	12.7	12.3	12.0	11.7	11.3	10.9	10.1	9.6	9.2
-80°	11.7	11.5	11.4	11.3	11.1	10.8	10.5	10.2	9.7	9.3	9.1
-82.5°	9.6	9.8	10.1	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.8
-85°	8.3	8.6	9.0	9.3	9.1	9.0	8.9	8.7	8.6	8.4	8.3
-87.5°	7.1	7.5	7.9	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7
-90°	5.4	5.4	5.4	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.3	7.2	7.2	7.2	7.2	7.2	7.2
67.5°	7.7	7.2	7.2	7.2	7.2	7.2	7.2
65°	8.1	7.4	7.2	7.2	7.2	7.2	7.2
62.5°	8.5	7.7	7.2	7.2	7.2	7.2	7.2
60°	9.0	8.1	7.2	7.2	7.2	7.2	7.2
57.5°	9.0	8.4	7.5	7.2	7.2	7.2	7.2
55°	9.0	8.7	7.7	7.2	7.2	7.2	7.2
52.5°	9.0	9.0	8.0	7.2	7.2	7.2	7.2
50°	9.0	9.0	8.2	7.2	7.2	7.2	7.2
47.5°	9.0	9.0	8.5	7.2	7.2	7.2	7.2
45°	9.0	9.0	8.7	7.4	7.2	7.2	7.2
42.5°	9.0	9.0	8.9	7.6	7.2	7.2	7.2
40°	9.0	9.0	9.0	7.7	7.2	7.2	7.2
37.5°	9.0	9.0	9.0	7.8	7.2	7.2	7.2
35°	9.0	9.0	9.0	7.9	7.2	7.2	7.2
32.5°	9.1	9.0	9.0	8.0	7.2	7.2	7.2
30°	9.2	9.0	9.0	8.0	7.2	7.2	7.2
27.5°	9.4	9.0	8.9	8.0	7.2	7.2	7.2
25°	9.7	9.0	8.9	8.0	7.2	7.2	7.2
22.5°	9.9	9.0	8.9	8.0	7.2	7.2	7.2
20°	10.1	9.0	8.9	8.0	7.2	7.2	7.2
17.5°	10.3	9.0	8.9	7.9	7.2	7.2	7.2
15°	10.4	9.0	8.9	7.8	7.2	7.2	7.2
12.5°	10.5	9.0	8.9	7.7	7.2	7.2	7.2
10°	10.6	9.0	8.9	7.6	7.2	7.2	7.2
7.5°	10.7	9.0	9.0	7.5	7.2	7.2	7.2
5°	10.8	9.0	9.0	7.4	7.2	7.2	7.2
2.5°	10.8	9.0	9.0	7.3	7.2	7.2	7.2
0°	10.8	9.0	9.0	7.2	7.2	7.2	7.2
-2.5°	11.5	9.4	9.0	7.3	7.2	7.2	7.2
-5°	12.2	9.8	9.0	7.4	7.2	7.2	7.2
-7.5°	12.8	10.1	9.0	7.5	7.2	7.2	7.2
-10°	13.4	10.5	8.9	7.6	7.2	7.2	7.2
-12.5°	13.9	10.7	8.9	7.7	7.2	7.2	7.2
-15°	14.4	11.0	8.9	7.8	7.2	7.2	7.2
-17.5°	14.8	11.1	8.9	7.9	7.2	7.2	7.2
-20°	15.3	11.2	8.9	8.0	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.8	11.1	8.9	8.0	7.2	7.2	7.2
-25°	16.1	11.1	8.9	8.0	7.2	7.2	7.2
-27.5°	16.1	11.0	8.9	8.0	7.2	7.2	7.2
-30°	15.8	10.8	9.0	8.0	7.2	7.2	7.2
-32.5°	15.3	10.5	9.1	8.0	7.2	7.2	7.2
-35°	14.8	10.2	9.2	7.9	7.2	7.2	7.2
-37.5°	14.3	9.9	9.2	7.8	7.2	7.2	7.2
-40°	13.8	10.0	9.3	7.7	7.2	7.2	7.2
-42.5°	13.1	10.1	9.2	7.6	7.2	7.2	7.2
-45°	12.3	10.1	9.1	7.5	7.2	7.2	7.2
-47.5°	11.4	10.1	8.9	7.3	7.2	7.2	7.2
-50°	11.2	10.0	8.7	7.3	7.2	7.2	7.2
-52.5°	11.0	9.9	8.5	7.4	7.2	7.2	7.2
-55°	10.9	9.7	8.3	7.4	7.2	7.2	7.2
-57.5°	10.7	9.4	8.1	7.4	7.2	7.2	7.2
-60°	10.4	9.1	7.9	7.5	7.2	7.2	7.2
-62.5°	10.0	8.8	7.9	7.5	7.2	7.2	7.2
-65°	9.7	8.5	7.9	7.5	7.2	7.2	7.2
-67.5°	9.3	8.4	8.0	7.5	7.2	7.2	7.2
-70°	8.9	8.4	8.0	7.6	7.2	7.2	7.2
-72.5°	8.9	8.4	8.0	7.5	7.2	7.2	7.2
-75°	8.9	8.5	8.0	7.5	7.2	7.2	7.2
-77.5°	8.9	8.5	7.9	7.5	7.2	7.2	7.2
-80°	9.0	8.3	7.8	7.4	7.2	7.2	7.2
-82.5°	8.6	8.1	7.7	7.4	7.2	7.2	7.2
-85°	8.1	7.8	7.5	7.3	7.2	7.2	7.2
-87.5°	7.7	7.5	7.4	7.3	7.2	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)