

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: P1305702 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-4S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

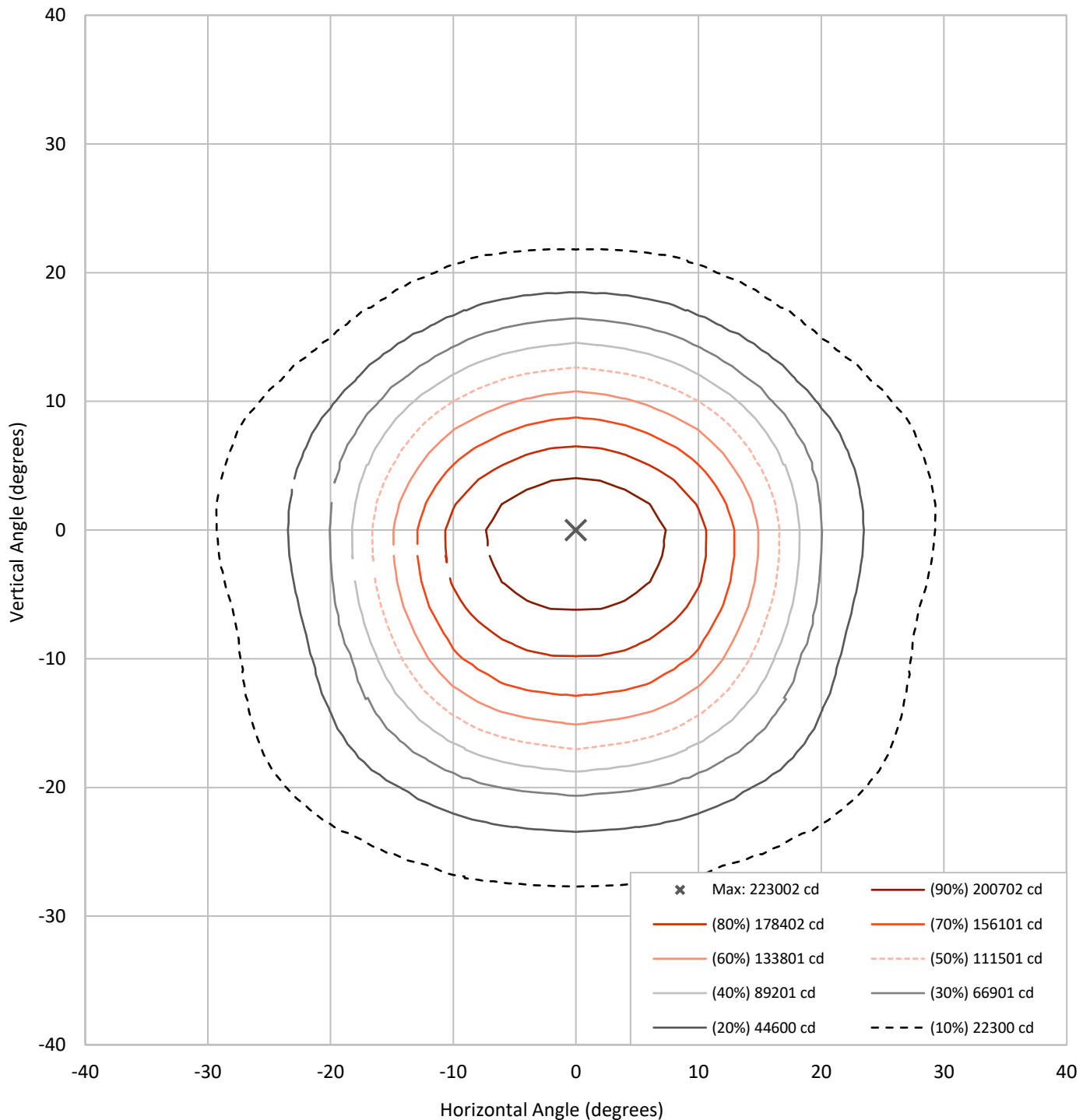
Test Method: LM-79-08  
Report Number: P1305702 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-70-4S-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	71370.7 lumens	Max Intensity:	223002 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	39163.4 lumens	Field Lumens:	62748.3 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
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





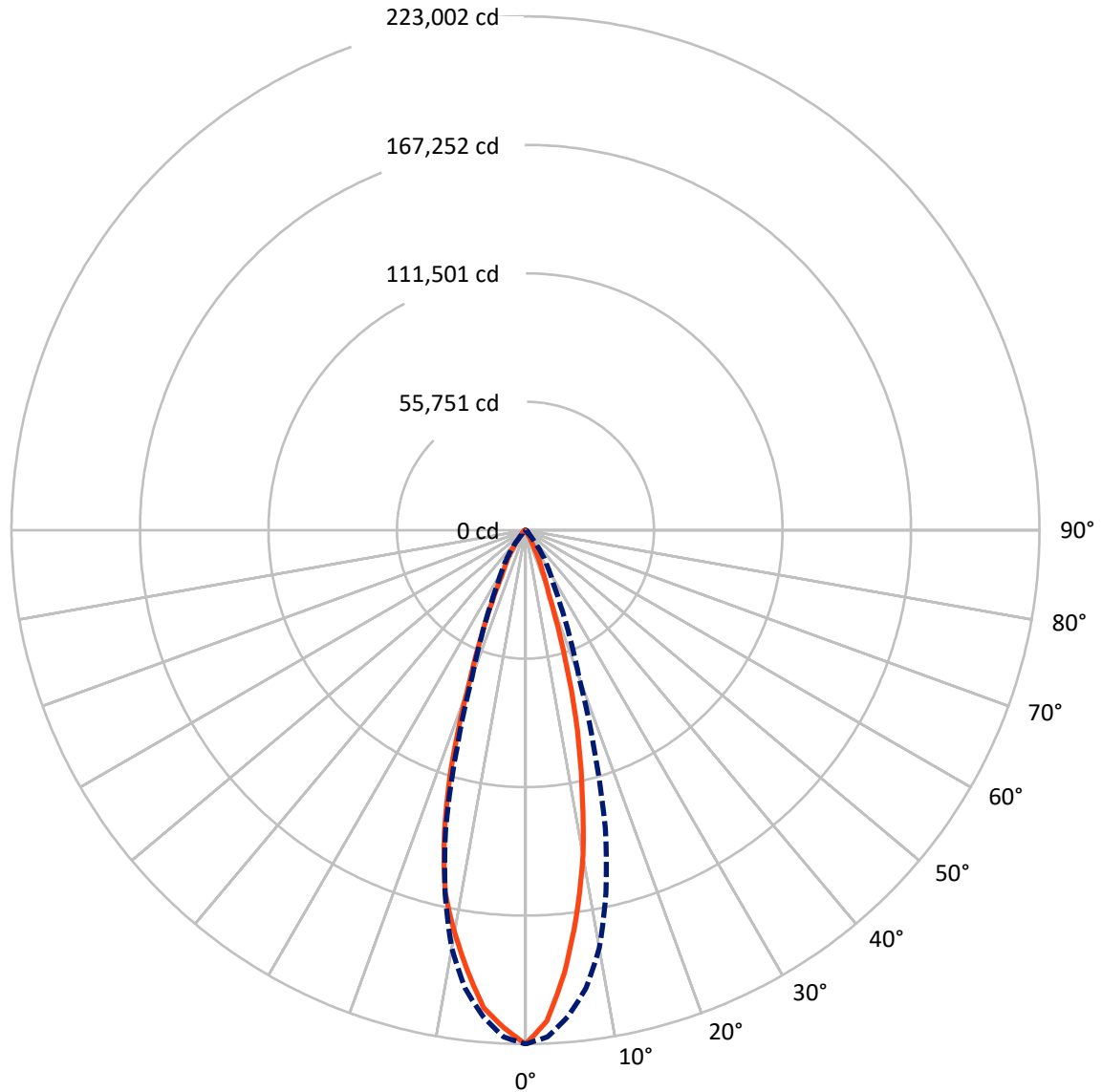
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### Lumen Table

90	0.2	0.5		0.6		0.6		0.5		0.6		0.6		0.5		0.2
80	0.2	0.5		0.6		0.6		0.5		0.6		0.6		0.5		0.2
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.2	0.1	0.2
60		0.1	0.3	0.8	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.8	0.3	0.1	
50	0.2	0.2	0.4	0.6	0.7	0.8	1.2	1.4	1.4	1.2	0.8	0.7	0.6	0.4	0.2	0.2
40		0.2	0.8	1.7	3.0	6.7	13.5	18.5	18.5	13.5	6.7	3.0	1.7	0.8	0.2	
30	0.2	0.4	2.6	7.0	26.2	95.1	225.4	381.3	381.3	225.4	95.1	26.2	7.0	2.6	0.4	0.2
20		0.9	5.8	18.8	115.6	400.1	1227.6	2319.4	2319.4	1227.6	400.1	115.6	18.8	5.8	0.9	
10	0.3	1.6	10.0	35.5	269.1	958.5	3179.6	5372.4	5372.4	3179.6	958.5	269.1	35.5	10.0	1.6	0.3
0		2.7	13.3	42.1	280.5	988.5	3568.7	5898.3	5898.3	3568.7	988.5	280.5	42.1	13.3	2.7	
-10	0.5	3.2	13.5	36.2	218.9	728.7	2131.3	3723.5	3723.5	2131.3	728.7	218.9	36.2	13.5	3.2	0.5
-20		2.9	11.6	24.9	94.6	345.8	719.8	1077.3	1077.3	719.8	345.8	94.6	24.9	11.6	2.9	
-30	0.4	2.3	8.9	17.3	32.5	93.4	212.1	299.6	299.6	212.1	93.4	32.5	17.3	8.9	2.3	0.4
-40		1.4	6.0	13.1	21.4	32.5	47.6	62.3	62.3	47.6	32.5	21.4	13.1	6.0	1.4	
-50	0.2	0.7	3.1	8.6	15.8	22.8	29.3	33.2	33.2	29.3	22.8	15.8	8.6	3.1	0.7	0.2
-60		0.3	1.2	3.5	7.6	13.2	18.9	22.2	22.2	18.9	13.2	7.6	3.5	1.2	0.3	
-70	0.2	0.7	3.1	8.6	15.8	22.8	29.3	33.2	33.2	29.3	22.8	15.8	8.6	3.1	0.7	0.2
-80		0.3	1.2	3.5	7.6	13.2	18.9	22.2	22.2	18.9	13.2	7.6	3.5	1.2	0.3	
-90	0.2	0.8		2.8		7.5		10.6		7.5		2.8		0.8		0.2

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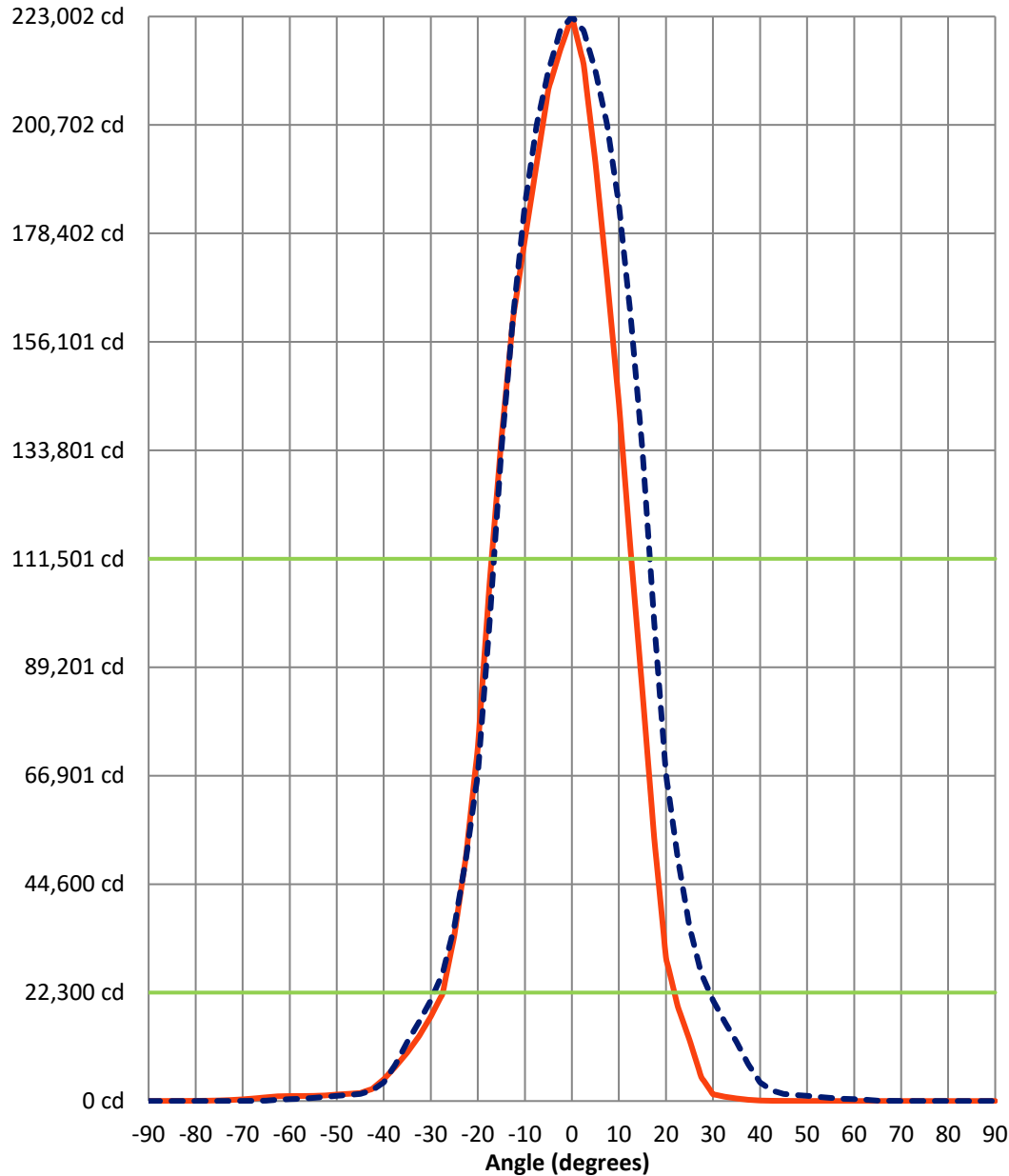
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.2°  
 V Angle: 29.7°  
 Lumens: 39163.4  
 Efficiency: 54.9%

**Field:**  
 H Angle: 58.6°  
 V Angle: 49.3°  
 Lumens: 62748.3  
 Efficiency: 87.9%

**Spill:**  
 Lumens: 8622.5  
 Efficiency: 12.1%

— 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°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
85°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
82.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9
80°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.2	7.9
77.5°	7.9	7.9	7.9	7.9	7.9	8.0	8.4	8.6	8.6	8.4	8.0
75°	7.9	7.9	7.9	7.9	8.0	8.4	8.9	9.1	9.0	8.5	8.0
72.5°	7.9	7.9	7.9	7.9	8.3	8.8	9.4	9.5	9.0	8.6	8.1
70°	7.9	7.9	7.9	7.9	8.6	9.2	9.8	9.5	9.1	8.6	8.7
67.5°	7.9	7.9	7.9	8.2	8.9	9.6	9.8	9.6	9.1	9.1	9.4
65°	7.9	7.9	7.9	8.4	9.2	9.8	9.8	9.6	9.4	9.5	9.8
62.5°	7.9	7.9	7.9	8.6	9.5	9.8	9.8	9.7	9.6	9.8	9.8
60°	7.9	7.9	7.9	8.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
57.5°	7.9	7.9	8.0	9.1	9.8	9.8	9.8	9.8	9.8	9.8	9.8
55°	7.9	7.9	8.2	9.3	9.8	9.8	9.8	9.8	9.8	9.8	9.8
52.5°	7.9	7.9	8.3	9.5	9.8	9.8	9.8	9.8	9.8	9.8	9.8
50°	7.9	7.9	8.4	9.7	9.8	9.8	9.8	9.8	9.8	9.8	10.7
47.5°	7.9	7.9	8.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	11.6
45°	7.9	7.9	8.7	9.8	9.8	9.8	9.8	9.8	9.9	10.4	12.3
42.5°	7.9	7.9	8.8	9.8	9.8	9.8	9.8	9.9	10.0	11.0	12.8
40°	7.9	7.9	8.9	9.8	9.8	9.8	9.8	10.0	10.3	11.5	13.2
37.5°	7.9	7.9	9.0	9.8	9.8	9.8	9.8	10.2	10.9	12.1	13.6
35°	7.9	7.9	9.1	9.8	9.8	9.8	9.8	10.5	11.5	12.7	14.0
32.5°	7.9	7.9	9.2	9.8	9.8	9.8	9.9	10.7	12.0	13.3	14.9
30°	7.9	7.9	9.3	9.8	9.8	9.8	10.1	11.1	12.5	13.9	16.2
27.5°	7.9	7.9	9.4	9.8	9.8	9.8	10.3	11.5	13.0	14.5	17.7
25°	7.9	7.9	9.4	9.8	9.8	9.8	10.5	11.9	13.5	15.5	19.6
22.5°	7.9	7.9	9.5	9.8	9.8	9.8	10.8	12.3	13.9	16.8	23.7
20°	7.9	7.9	9.6	9.8	9.8	10.0	11.0	12.7	14.3	18.3	27.9
17.5°	7.9	7.9	9.6	9.8	9.8	10.2	11.3	13.0	14.7	19.9	32.1
15°	7.9	7.9	9.7	9.8	9.8	10.4	11.5	13.4	15.1	21.6	36.3
12.5°	7.9	7.9	9.7	9.8	9.8	10.6	11.6	13.8	16.1	23.3	40.4
10°	7.9	7.9	9.7	9.8	9.8	10.8	11.7	14.2	17.9	27.1	46.1
7.5°	7.9	7.9	9.8	9.8	9.8	11.1	11.8	14.6	19.8	31.3	55.5
5°	7.9	7.9	9.8	9.8	9.8	11.3	11.8	15.0	21.8	35.5	64.9
2.5°	7.9	7.9	9.8	9.8	9.8	11.6	11.8	15.4	23.7	39.5	74.0
0°	7.9	7.9	9.8	9.8	9.8	11.8	11.8	15.7	25.6	43.3	82.6
-2.5°	7.9	7.9	9.8	9.8	9.8	11.8	12.9	18.8	33.0	57.3	106.9
-5°	7.9	7.9	9.8	9.8	9.8	11.8	13.9	21.7	40.0	70.7	129.7
-7.5°	7.9	7.9	9.8	9.8	9.8	11.7	14.8	24.4	46.5	83.1	150.6
-10°	7.9	7.9	9.7	9.8	9.8	11.6	15.6	26.8	52.2	94.1	168.9
-12.5°	7.9	7.9	9.7	9.8	9.8	11.6	16.3	28.8	57.0	103.4	181.0
-15°	7.9	7.9	9.7	9.8	9.8	11.5	16.8	30.4	61.0	110.6	188.9
-17.5°	7.9	7.9	9.6	9.8	9.8	11.3	17.0	32.1	64.3	116.0	194.2
-20°	7.9	7.9	9.6	9.8	9.8	11.2	17.4	33.7	66.1	119.2	196.7



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 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.9	7.9	9.5	9.8	9.8	11.0	18.1	34.7	66.6	120.3	196.2
-25°	7.9	7.9	9.4	9.8	9.8	11.2	18.4	35.1	65.4	119.0	192.7
-27.5°	7.9	7.9	9.4	9.8	9.8	11.3	18.3	34.8	62.6	116.2	190.7
-30°	7.9	7.9	9.3	9.8	9.8	11.4	17.8	33.8	60.8	112.9	185.7
-32.5°	7.9	7.9	9.2	9.8	9.9	11.3	16.8	33.0	59.5	107.2	177.4
-35°	7.9	7.9	9.1	9.8	10.0	11.1	16.4	31.9	57.2	99.1	165.7
-37.5°	7.9	7.9	9.0	9.8	10.1	10.9	16.1	30.0	53.8	88.6	147.5
-40°	7.9	7.9	8.9	9.8	10.1	10.9	15.5	27.4	49.4	81.6	129.9
-42.5°	7.9	7.9	8.8	9.8	10.2	11.0	14.8	24.2	45.2	73.9	111.3
-45°	7.9	7.9	8.7	9.9	10.2	11.0	13.8	21.4	40.6	65.2	93.3
-47.5°	7.9	7.9	8.6	9.9	10.3	11.0	12.5	19.9	35.1	56.0	82.9
-50°	7.9	7.9	8.4	9.8	10.3	10.9	12.2	18.0	28.3	48.2	71.8
-52.5°	7.9	7.9	8.3	9.7	10.4	10.8	12.1	15.8	24.1	39.8	60.3
-55°	7.9	7.9	8.2	9.5	10.4	10.9	11.9	13.5	20.8	30.7	49.9
-57.5°	7.9	7.9	8.0	9.3	10.5	10.9	11.7	13.2	17.3	25.3	38.8
-60°	7.9	7.9	7.9	9.1	10.5	11.0	11.4	12.8	14.2	20.7	29.1
-62.5°	7.9	7.9	7.9	8.9	10.3	11.0	11.5	12.3	13.6	15.8	23.3
-65°	7.9	7.9	7.9	8.8	10.0	11.1	11.5	12.0	13.1	14.3	17.2
-67.5°	7.9	7.9	7.9	8.5	9.7	10.9	11.6	12.0	12.5	13.7	14.8
-70°	7.9	7.9	7.9	8.3	9.4	10.6	11.6	11.9	12.3	13.1	14.2
-72.5°	7.9	7.9	7.9	8.3	9.1	10.2	11.2	11.8	12.1	12.6	13.5
-75°	7.9	7.9	7.9	8.2	8.8	9.8	10.8	11.4	11.8	12.2	12.7
-77.5°	7.9	7.9	7.9	8.2	8.7	9.4	10.3	10.8	11.2	11.6	12.0
-80°	7.9	7.9	7.9	8.1	8.5	9.1	9.8	10.2	10.5	10.8	11.2
-82.5°	7.9	7.9	7.9	8.1	8.4	8.8	9.4	9.6	9.8	10.1	10.3
-85°	7.9	7.9	7.9	8.0	8.2	8.5	8.9	9.0	9.2	9.4	9.5
-87.5°	7.9	7.9	7.9	8.0	8.1	8.2	8.4	8.5	8.5	8.6	8.7
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



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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°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.4	6.9	6.4
87.5°	7.4	6.9	6.4	5.9	5.9	5.9	5.9	5.9	5.4	4.9	4.4
85°	7.4	6.9	6.5	6.2	6.2	6.2	6.1	5.9	5.6	5.4	5.3
82.5°	7.6	7.4	7.3	7.3	7.2	6.9	6.4	5.9	5.9	5.9	5.9
80°	7.8	7.9	7.9	7.9	7.5	7.0	6.5	6.0	5.9	6.0	6.0
77.5°	7.9	7.9	7.9	7.9	7.5	7.2	7.0	7.0	7.0	6.8	6.5
75°	7.9	7.9	8.0	8.0	7.8	7.8	7.9	7.9	7.6	7.1	6.6
72.5°	8.2	8.4	8.4	8.1	7.9	7.9	7.9	7.9	8.1	8.2	8.1
70°	9.0	9.1	8.7	8.2	7.9	8.2	9.2	10.2	10.9	11.0	11.3
67.5°	9.7	9.2	8.8	8.5	9.4	10.6	11.8	13.3	15.0	15.6	16.4
65°	9.8	9.3	9.3	10.2	11.6	13.1	14.9	16.9	21.2	23.8	25.0
62.5°	9.8	9.7	10.3	11.7	13.7	15.6	18.7	23.5	29.9	34.4	34.6
60°	9.8	10.0	11.5	13.7	15.8	18.4	23.0	30.3	39.9	47.2	43.0
57.5°	9.8	10.9	13.3	15.4	17.6	20.5	27.5	36.9	46.8	57.2	48.9
55°	10.3	12.5	14.7	16.7	19.4	23.2	30.5	39.3	50.2	53.2	43.7
52.5°	11.6	13.9	15.6	17.9	21.4	25.0	30.1	37.8	41.3	42.1	36.3
50°	12.8	14.5	16.3	19.1	22.6	25.6	27.1	31.8	33.1	31.5	28.4
47.5°	13.5	15.1	16.8	19.9	23.4	26.0	26.1	26.3	25.8	25.4	20.9
45°	14.1	15.7	17.4	20.8	24.5	26.8	25.6	21.9	24.9	24.1	23.0
42.5°	14.6	16.3	19.1	21.8	26.7	28.2	26.1	27.0	27.9	29.1	29.5
40°	15.0	16.8	21.5	26.8	29.6	30.3	33.5	35.9	34.9	38.2	40.1
37.5°	15.4	19.5	26.0	35.8	32.7	37.0	43.1	52.9	53.4	50.2	57.7
35°	15.8	22.5	37.1	47.6	45.1	47.7	63.9	76.8	80.6	76.4	81.2
32.5°	17.7	25.9	51.0	61.9	68.3	71.5	89.9	109.3	123.9	126.7	114.8
30°	21.3	38.6	66.9	79.2	97.5	115.2	128.0	151.4	181.5	204.9	214.5
27.5°	26.1	54.0	83.5	105.8	133.7	163.8	185.9	215.2	264.1	306.1	340.6
25°	31.1	75.0	102.0	138.3	179.7	218.8	252.8	301.6	366.4	436.1	557.2
22.5°	42.3	98.9	130.0	174.2	228.9	277.7	334.3	403.8	486.7	582.3	807.1
20°	60.6	122.5	163.6	214.3	281.7	339.6	419.4	508.0	621.2	825.2	1206.8
17.5°	80.1	147.8	198.1	261.7	345.3	418.5	507.9	611.6	761.4	1087.9	1839.6
15°	100.4	174.4	231.0	311.8	414.8	519.2	627.2	740.1	954.5	1459.6	2645.3
12.5°	120.8	201.7	262.2	363.7	488.5	624.4	753.2	896.8	1206.9	2098.6	3838.9
10°	141.0	229.2	291.7	416.0	564.5	731.9	878.1	1047.2	1469.2	2677.3	4906.3
7.5°	174.2	265.0	323.3	467.6	640.9	839.4	1000.7	1190.5	1725.5	3181.8	5889.3
5°	209.3	309.1	373.6	530.7	716.3	935.2	1111.6	1325.6	1968.2	3606.1	6811.4
2.5°	242.8	351.4	422.6	591.4	787.1	1009.7	1181.9	1401.3	2097.9	3804.5	7381.0
0°	273.4	391.4	470.0	647.0	851.5	1075.7	1244.9	1467.1	2177.0	3842.7	7563.5
-2.5°	310.5	435.3	519.0	691.2	886.7	1114.5	1284.8	1517.1	2258.9	4057.6	7596.5
-5°	342.3	475.9	565.6	730.6	916.3	1144.8	1318.2	1556.1	2297.1	4155.4	7436.8
-7.5°	368.1	513.1	609.7	761.8	931.6	1150.8	1330.4	1562.5	2270.4	4105.0	7110.0
-10°	383.6	528.7	620.5	761.2	926.6	1138.0	1330.5	1556.9	2193.8	3896.1	6651.0
-12.5°	372.3	524.4	622.4	755.5	917.2	1116.5	1321.1	1539.0	2063.1	3510.3	6113.9
-15°	358.4	517.4	621.1	744.5	903.6	1086.3	1301.4	1508.7	1859.6	2912.0	5450.7
-17.5°	342.5	507.7	616.4	728.1	886.4	1047.4	1261.4	1429.5	1649.0	2481.1	4686.0
-20°	325.2	495.6	608.1	706.4	865.4	991.3	1167.4	1340.5	1540.8	2109.9	3657.5



REPORT NUMBER: P1305702 (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°	307.1	481.1	594.2	692.2	811.8	926.7	1068.4	1238.0	1421.6	1648.7	2563.4
-25°	296.5	453.9	574.3	659.5	753.8	860.8	966.8	1123.4	1297.2	1480.1	1961.5
-27.5°	291.0	427.7	541.6	626.7	698.0	794.9	885.0	1010.0	1171.1	1327.5	1480.1
-30°	281.6	390.4	508.4	592.8	657.4	733.8	811.5	912.8	1055.8	1193.1	1319.6
-32.5°	261.3	352.6	467.5	555.0	621.5	677.2	754.0	844.5	954.5	1073.7	1175.5
-35°	236.3	322.8	423.4	517.3	586.1	638.9	708.0	784.1	864.8	968.2	1090.0
-37.5°	213.2	290.4	379.6	475.1	545.6	609.7	662.8	731.3	801.0	877.5	999.4
-40°	188.3	255.5	339.9	427.7	509.3	575.8	630.9	682.1	743.1	819.6	901.0
-42.5°	162.4	226.1	299.2	381.3	463.2	534.8	597.4	644.7	696.7	762.7	835.1
-45°	141.0	195.1	257.6	335.3	412.5	488.0	551.8	611.4	661.3	709.8	772.4
-47.5°	118.6	164.6	222.1	288.3	361.7	432.6	501.7	567.5	630.9	676.3	714.6
-50°	98.2	139.4	186.2	247.0	311.1	377.4	442.2	519.1	586.4	643.5	688.2
-52.5°	85.1	113.3	156.3	206.2	263.8	323.5	387.5	458.3	531.2	599.1	651.3
-55°	71.3	95.6	126.0	169.2	218.0	272.1	332.0	397.0	463.3	531.5	598.3
-57.5°	58.0	79.6	102.9	132.9	175.2	221.5	276.4	334.1	395.1	457.0	518.7
-60°	44.6	63.6	84.5	106.5	132.3	174.0	219.3	270.1	324.4	380.0	435.7
-62.5°	31.9	47.4	65.7	85.6	106.2	128.7	165.4	207.6	251.4	297.6	346.1
-65°	24.7	32.8	46.4	63.9	82.7	102.4	124.2	148.0	184.5	220.3	254.4
-67.5°	17.4	24.8	32.1	41.2	57.2	74.2	92.5	112.3	133.5	154.3	178.8
-70°	15.5	17.6	23.4	29.9	36.2	44.5	59.5	75.4	91.8	107.7	125.1
-72.5°	14.5	16.1	18.2	20.7	26.0	31.2	36.2	41.2	50.9	63.9	76.7
-75°	13.5	14.5	16.0	17.8	19.9	22.1	24.7	29.1	33.1	37.0	40.9
-77.5°	12.5	13.2	14.0	15.0	16.2	17.9	19.7	21.6	23.2	24.8	26.5
-80°	11.5	11.8	12.3	12.9	13.6	14.5	15.5	16.6	17.4	18.2	19.2
-82.5°	10.6	10.8	11.0	11.2	11.4	11.6	11.9	12.5	13.0	13.5	14.0
-85°	9.7	9.8	9.9	10.1	9.9	9.7	9.6	9.5	9.7	10.0	10.2
-87.5°	8.8	8.8	8.9	9.0	8.8	8.5	8.2	7.9	7.8	7.7	7.6
-90°	7.4	6.9	6.4	5.9	5.9	5.9	5.9	5.9	5.4	4.9	4.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.9	5.9	5.9	5.9	5.9	6.9	7.9	8.8	9.8	10.8	11.8
87.5°	3.9	3.9	3.9	3.9	3.9	3.4	3.0	2.5	2.0	2.0	2.0
85°	5.2	4.9	4.6	4.3	3.9	3.8	3.8	3.8	3.8	3.4	2.9
82.5°	5.9	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.4	3.0
80°	5.9	5.5	5.0	4.5	4.0	3.9	3.9	3.9	3.9	3.5	3.0
77.5°	6.0	5.6	5.3	5.1	5.0	4.9	4.7	4.3	4.0	3.5	3.0
75°	6.1	6.0	6.1	6.1	6.0	5.5	5.0	4.5	4.0	3.8	3.8
72.5°	7.7	7.4	7.3	7.5	7.5	7.2	6.8	6.3	5.6	5.6	5.7
70°	11.6	11.8	11.9	11.7	11.0	10.1	9.3	8.5	7.7	7.5	7.6
67.5°	17.4	17.7	17.1	15.8	13.8	12.0	11.3	10.5	9.7	9.4	9.5
65°	25.0	23.2	21.2	19.0	16.4	13.6	12.8	12.1	11.5	11.5	12.1
62.5°	32.4	26.4	21.3	18.0	15.6	13.6	12.7	11.8	11.0	10.6	10.9
60°	35.7	25.3	18.4	16.3	14.2	12.1	10.9	10.0	9.2	8.6	9.0
57.5°	35.8	24.8	17.0	14.5	12.3	10.5	9.5	8.9	8.4	8.0	8.5
55°	31.8	22.0	14.5	12.4	11.2	10.2	9.7	9.6	9.4	9.1	9.5
52.5°	25.6	18.4	13.5	11.6	11.7	11.7	11.6	11.7	11.9	12.2	12.7
50°	20.4	15.7	14.2	13.4	13.9	14.0	13.7	14.5	15.5	16.1	16.6
47.5°	18.7	17.2	17.3	16.8	17.5	18.9	19.2	19.8	21.3	22.2	22.9
45°	20.8	22.2	23.1	24.7	25.7	28.0	28.8	28.8	32.0	34.3	35.4
42.5°	28.9	31.5	34.5	37.6	39.2	42.1	45.1	46.7	51.6	55.5	57.0
40°	43.7	45.2	51.7	55.7	58.6	62.2	71.3	77.4	86.8	104.5	117.3
37.5°	64.3	69.0	72.9	78.5	90.8	96.9	126.0	152.4	170.5	214.5	239.3
35°	94.2	107.1	102.6	127.8	158.9	198.0	240.6	304.0	354.2	413.6	468.5
32.5°	147.6	179.2	209.7	238.9	308.9	421.2	424.2	542.9	622.3	718.6	803.3
30°	233.5	345.2	485.7	532.3	729.3	949.5	888.4	1070.4	1250.8	1358.0	1728.5
27.5°	460.8	712.5	991.8	1346.7	1713.7	2092.2	2342.9	2430.7	3343.2	4014.2	4887.6
25°	788.5	1230.2	2010.3	2584.9	3229.5	4070.0	4555.7	5209.3	6731.5	8628.4	10101.8
22.5°	1256.5	2028.3	3059.0	3928.6	4894.7	6027.5	7052.1	8619.3	10986.3	13575.6	15778.2
20°	1781.1	2776.2	4082.1	5385.0	6651.4	8127.7	9910.4	13110.6	16768.0	20826.6	24495.9
17.5°	2749.0	3727.4	5399.8	7181.0	8980.3	10758.6	14678.7	19418.1	25143.6	31157.5	36499.1
15°	4132.0	5715.6	7374.4	9729.6	12724.4	16141.8	21106.5	29419.1	38311.2	47697.0	58886.2
12.5°	5936.9	8232.6	10721.1	13448.0	17508.5	23746.8	31982.6	42128.9	54856.8	68937.9	84859.8
10°	7778.7	11089.7	14516.6	18411.1	23762.9	31798.1	42434.1	55138.4	75154.9	94883.8	111501.1
7.5°	9276.3	13134.9	17458.5	22631.9	29607.3	39398.0	52541.7	70902.4	94773.2	118247.0	136836.9
5°	10681.3	14920.1	19421.1	24706.9	33116.4	44923.0	60751.9	83659.3	112216.7	137181.6	157101.7
2.5°	11700.5	16153.0	20809.5	26187.9	35775.4	48281.6	65659.8	94075.1	126944.5	152522.5	175363.0
0°	12151.6	16271.6	20725.9	26244.2	35862.8	49994.8	67361.8	98473.3	133761.9	161259.7	184203.0
-2.5°	11592.2	15592.1	20188.7	25579.7	35221.7	48797.3	66736.9	97978.0	133387.9	161275.1	183895.2
-5°	11000.4	14792.4	19059.4	24042.6	32834.7	45457.7	63761.0	93610.7	127590.4	155626.7	177692.4
-7.5°	10369.6	13840.1	17657.7	22128.6	29928.6	42075.6	59071.4	84264.7	116026.5	144572.3	165325.1
-10°	9648.3	12807.7	16822.3	21560.9	28351.2	38910.1	52965.5	73148.4	102897.6	129419.6	152204.8
-12.5°	9224.8	12594.8	16606.4	20958.9	26436.3	35741.5	48530.0	65746.3	86110.5	110746.7	131021.0
-15°	8680.5	12091.7	16070.2	20153.6	25223.7	32489.0	42586.1	55231.5	70726.7	87328.6	105324.0
-17.5°	7785.7	11194.8	14398.7	18231.2	23046.8	28786.9	36042.9	45856.6	56137.8	67900.9	78667.4
-20°	6312.0	9065.8	12095.7	15706.7	19846.4	24196.2	29041.8	35728.5	42250.3	50485.5	57096.8



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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°	4541.2	6868.9	9494.0	12478.3	15756.5	19480.5	23130.8	26659.5	31129.1	36342.0	41654.0
-25°	2957.5	4679.7	6952.8	9398.7	11688.2	14664.3	17286.8	19394.3	22408.2	24767.0	27986.1
-27.5°	2048.0	3167.3	4860.6	6809.4	8615.4	10520.3	12655.2	14094.0	16441.9	17717.9	19691.2
-30°	1498.6	2126.8	3344.6	4802.1	6375.5	7997.0	9521.2	11103.1	12736.3	14180.5	15275.7
-32.5°	1328.9	1575.7	2176.2	3225.3	4456.4	5816.1	7106.8	8485.9	9787.0	10906.4	11809.9
-35°	1213.8	1352.1	1540.8	2095.5	2830.2	3891.7	4907.0	6023.4	7068.4	7933.9	8659.2
-37.5°	1122.5	1233.4	1352.1	1473.8	1886.2	2350.8	3072.5	3848.3	4518.9	5285.2	5877.0
-40°	1018.9	1137.3	1232.4	1329.6	1438.9	1555.5	1946.1	2293.5	2672.4	3189.6	3612.3
-42.5°	912.0	1015.1	1122.2	1212.6	1295.1	1382.3	1470.0	1547.8	1740.3	1968.3	2141.4
-45°	838.1	911.0	989.5	1085.3	1174.1	1249.6	1320.7	1388.7	1458.6	1523.1	1576.6
-47.5°	772.9	831.8	896.5	962.4	1029.2	1106.8	1179.6	1248.8	1309.3	1364.3	1408.6
-50°	725.4	766.1	819.9	871.8	929.0	983.1	1031.5	1088.2	1150.2	1206.6	1251.6
-52.5°	701.3	737.0	767.8	805.1	856.6	902.0	941.8	986.7	1029.8	1069.3	1098.3
-55°	654.0	700.6	745.7	787.6	823.2	855.6	890.1	934.2	972.0	1004.6	1022.5
-57.5°	579.8	639.7	696.5	749.7	799.7	846.8	885.8	920.8	955.8	989.1	1004.5
-60°	492.3	549.4	608.6	672.7	737.2	801.5	848.9	894.0	936.5	972.2	991.1
-62.5°	398.1	450.2	503.2	560.8	622.2	682.3	734.0	787.9	843.1	890.6	921.0
-65°	291.1	335.5	383.0	430.2	476.9	524.9	571.0	616.3	660.3	696.0	720.9
-67.5°	208.7	237.3	266.7	297.0	333.2	370.3	404.3	437.3	468.7	493.9	512.5
-70°	143.5	161.9	179.3	198.5	221.7	244.3	265.3	285.2	303.9	319.7	332.9
-72.5°	89.3	101.4	113.4	126.9	140.1	152.7	164.6	175.7	186.0	195.4	203.8
-75°	44.8	50.5	60.0	69.1	77.6	86.4	94.7	101.9	108.1	113.3	117.8
-77.5°	29.0	32.6	36.1	39.4	42.4	46.6	51.1	55.8	60.4	64.1	67.5
-80°	20.3	22.3	24.4	26.6	28.8	31.4	34.0	36.6	39.2	40.9	42.3
-82.5°	14.5	15.6	16.8	18.1	19.3	21.2	23.0	24.9	26.6	27.9	29.1
-85°	10.4	10.9	11.5	12.1	12.7	14.3	16.0	17.6	19.3	20.4	21.4
-87.5°	7.5	7.6	7.6	7.7	7.7	9.2	10.7	12.2	13.7	14.2	14.7
-90°	3.9	3.9	3.9	3.9	3.9	3.4	3.0	2.5	2.0	2.0	2.0



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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°	12.8	13.8	13.8	13.8	13.8	13.8	12.8	11.8	10.8	9.8	8.8
87.5°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	2.9	3.4	3.8	3.8
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	3.9
80°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	3.9	3.9
77.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.3
75°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	4.0	4.5
72.5°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.6	6.3
70°	7.8	7.8	7.0	5.9	7.0	7.8	7.8	7.6	7.5	7.7	8.5
67.5°	9.6	9.7	10.7	11.8	10.7	9.7	9.6	9.5	9.4	9.7	10.5
65°	12.8	13.5	12.9	11.8	12.9	13.5	12.8	12.1	11.5	11.5	12.1
62.5°	11.3	11.8	10.9	9.8	10.9	11.8	11.3	10.9	10.6	11.0	11.8
60°	9.3	9.8	9.8	9.8	9.8	9.8	9.3	9.0	8.6	9.2	10.0
57.5°	9.1	9.6	9.8	9.8	9.8	9.6	9.1	8.5	8.0	8.4	8.9
55°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.5	9.1	9.4	9.6
52.5°	13.2	13.5	13.7	13.8	13.7	13.5	13.2	12.7	12.2	11.9	11.7
50°	17.1	17.4	17.6	17.7	17.6	17.4	17.1	16.6	16.1	15.5	14.5
47.5°	23.4	23.5	23.5	23.6	23.5	23.5	23.4	22.9	22.2	21.3	19.8
45°	35.9	35.5	35.1	35.4	35.1	35.5	35.9	35.4	34.3	32.0	28.8
42.5°	58.5	58.6	58.4	59.0	58.4	58.6	58.5	57.0	55.5	51.6	46.7
40°	120.8	116.5	110.3	110.1	110.3	116.5	120.8	117.3	104.5	86.8	77.4
37.5°	251.6	255.9	255.4	259.6	255.4	255.9	251.6	239.3	214.5	170.5	152.4
35°	510.2	533.0	538.2	536.9	538.2	533.0	510.2	468.5	413.6	354.2	304.0
32.5°	840.2	870.7	879.2	890.9	879.2	870.7	840.2	803.3	718.6	622.3	542.9
30°	1477.3	1518.2	1479.2	1400.2	1479.2	1518.2	1477.3	1728.5	1358.0	1250.8	1070.4
27.5°	5352.8	5549.1	5107.2	4946.0	5107.2	5549.1	5352.8	4887.6	4014.2	3343.2	2430.7
25°	10908.8	11777.1	12667.0	12588.2	12667.0	11777.1	10908.8	10101.8	8628.4	6731.5	5209.3
22.5°	17605.5	18485.3	19218.6	19471.3	19218.6	18485.3	17605.5	15778.2	13575.6	10986.3	8619.3
20°	27885.7	29599.2	30826.2	29518.6	30826.2	29599.2	27885.7	24495.9	20826.6	16768.0	13110.6
17.5°	44573.6	49733.6	52414.1	54106.9	52414.1	49733.6	44573.6	36499.1	31157.5	25143.6	19418.1
15°	69192.7	76974.6	81285.9	84140.7	81285.9	76974.6	69192.7	58886.2	47697.0	38311.2	29419.1
12.5°	97584.8	106069.4	109879.8	112989.7	109879.8	106069.4	97584.8	84859.8	68937.9	54856.8	42128.9
10°	124575.3	133741.6	140088.1	143386.4	140088.1	133741.6	124575.3	111501.1	94883.8	75154.9	55138.4
7.5°	149305.1	160518.1	166958.2	169008.2	166958.2	160518.1	149305.1	136836.9	118247.0	94773.2	70902.4
5°	173494.1	183498.6	191243.5	192999.6	191243.5	183498.6	173494.1	157101.7	137181.6	112216.7	83659.3
2.5°	192118.5	204108.7	211062.1	213164.1	211062.1	204108.7	192118.5	175363.0	152522.5	126944.5	94075.1
0°	200653.6	211816.0	220049.1	223002.0	220049.1	211816.0	200653.6	184203.0	161259.7	133761.9	98473.3
-2.5°	198868.3	209155.2	215048.4	216063.9	215048.4	209155.2	198868.3	183895.2	161275.1	133387.9	97978.0
-5°	192589.7	202041.2	207861.9	208028.3	207861.9	202041.2	192589.7	177692.4	155626.7	127590.4	93610.7
-7.5°	178798.3	187636.4	191694.4	192713.5	191694.4	187636.4	178798.3	165325.1	144572.3	116026.5	84264.7
-10°	164761.1	172960.8	176795.4	177219.7	176795.4	172960.8	164761.1	152204.8	129419.6	102897.6	73148.4
-12.5°	146578.6	155352.2	159180.9	160981.5	159180.9	155352.2	146578.6	131021.0	110746.7	86110.5	65746.3
-15°	119521.0	128004.9	132598.2	135990.0	132598.2	128004.9	119521.0	105324.0	87328.6	70726.7	55231.5
-17.5°	90528.9	97800.8	102327.3	106447.8	102327.3	97800.8	90528.9	78667.4	67900.9	56137.8	45856.6
-20°	64452.7	69083.8	70506.2	72726.6	70506.2	69083.8	64452.7	57096.8	50485.5	42250.3	35728.5



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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°	45268.4	47901.5	49569.4	50512.0	49569.4	47901.5	45268.4	41654.0	36342.0	31129.1	26659.5
-25°	30688.8	32514.9	33225.1	34043.7	33225.1	32514.9	30688.8	27986.1	24767.0	22408.2	19394.3
-27.5°	20556.7	21306.5	21818.7	22096.7	21818.7	21306.5	20556.7	19691.2	17717.9	16441.9	14094.0
-30°	16157.2	16842.9	17254.2	17384.7	17254.2	16842.9	16157.2	15275.7	14180.5	12736.3	11103.1
-32.5°	12509.3	13027.6	13304.7	13341.4	13304.7	13027.6	12509.3	11809.9	10906.4	9787.0	8485.9
-35°	9267.3	9739.4	10000.8	9982.4	10000.8	9739.4	9267.3	8659.2	7933.9	7068.4	6023.4
-37.5°	6386.0	6786.1	7031.7	7095.5	7031.7	6786.1	6386.0	5877.0	5285.2	4518.9	3848.3
-40°	3995.0	4288.9	4464.4	4487.8	4464.4	4288.9	3995.0	3612.3	3189.6	2672.4	2293.5
-42.5°	2293.2	2412.3	2479.2	2475.9	2479.2	2412.3	2293.2	2141.4	1968.3	1740.3	1547.8
-45°	1611.7	1638.4	1653.4	1655.9	1653.4	1638.4	1611.7	1576.6	1523.1	1458.6	1388.7
-47.5°	1440.6	1465.8	1479.3	1480.8	1479.3	1465.8	1440.6	1408.6	1364.3	1309.3	1248.8
-50°	1287.7	1317.6	1333.9	1337.3	1333.9	1317.6	1287.7	1251.6	1206.6	1150.2	1088.2
-52.5°	1121.7	1141.4	1148.1	1144.6	1148.1	1141.4	1121.7	1098.3	1069.3	1029.8	986.7
-55°	1039.3	1055.4	1062.4	1063.9	1062.4	1055.4	1039.3	1022.5	1004.6	972.0	934.2
-57.5°	1019.3	1033.8	1038.3	1038.4	1038.3	1033.8	1019.3	1004.5	989.1	955.8	920.8
-60°	1009.8	1027.8	1031.3	1028.5	1031.3	1027.8	1009.8	991.1	972.2	936.5	894.0
-62.5°	947.9	971.0	978.3	977.4	978.3	971.0	947.9	921.0	890.6	843.1	787.9
-65°	741.8	758.8	767.5	770.9	767.5	758.8	741.8	720.9	696.0	660.3	616.3
-67.5°	527.7	539.4	543.2	542.8	543.2	539.4	527.7	512.5	493.9	468.7	437.3
-70°	344.1	353.1	354.0	352.0	354.0	353.1	344.1	332.9	319.7	303.9	285.2
-72.5°	211.2	217.4	216.8	214.4	216.8	217.4	211.2	203.8	195.4	186.0	175.7
-75°	121.5	124.6	123.7	121.9	123.7	124.6	121.5	117.8	113.3	108.1	101.9
-77.5°	70.9	74.0	74.6	74.7	74.6	74.0	70.9	67.5	64.1	60.4	55.8
-80°	43.7	45.0	45.1	45.2	45.1	45.0	43.7	42.3	40.9	39.2	36.6
-82.5°	30.3	31.4	31.5	31.5	31.5	31.4	30.3	29.1	27.9	26.6	24.9
-85°	22.5	23.5	23.6	23.6	23.6	23.5	22.5	21.4	20.4	19.3	17.6
-87.5°	15.2	15.7	15.7	15.7	15.7	15.7	15.2	14.7	14.2	13.7	12.2
-90°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.9	6.9	5.9	5.9	5.9	5.9	5.9	6.4	6.9	7.4	7.9
87.5°	3.0	3.4	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.4	5.9
85°	3.8	3.8	3.9	4.3	4.6	4.9	5.2	5.3	5.4	5.6	5.9
82.5°	3.9	3.9	3.9	4.4	4.9	5.4	5.9	5.9	5.9	5.9	5.9
80°	3.9	3.9	4.0	4.5	5.0	5.5	5.9	6.0	6.0	5.9	6.0
77.5°	4.7	4.9	5.0	5.1	5.3	5.6	6.0	6.5	6.8	7.0	7.0
75°	5.0	5.5	6.0	6.1	6.1	6.0	6.1	6.6	7.1	7.6	7.9
72.5°	6.8	7.2	7.5	7.5	7.3	7.4	7.7	8.1	8.2	8.1	7.9
70°	9.3	10.1	11.0	11.7	11.9	11.8	11.6	11.3	11.0	10.9	10.2
67.5°	11.3	12.0	13.8	15.8	17.1	17.7	17.4	16.4	15.6	15.0	13.3
65°	12.8	13.6	16.4	19.0	21.2	23.2	25.0	25.0	23.8	21.2	16.9
62.5°	12.7	13.6	15.6	18.0	21.3	26.4	32.4	34.6	34.4	29.9	23.5
60°	10.9	12.1	14.2	16.3	18.4	25.3	35.7	43.0	47.2	39.9	30.3
57.5°	9.5	10.5	12.3	14.5	17.0	24.8	35.8	48.9	57.2	46.8	36.9
55°	9.7	10.2	11.2	12.4	14.5	22.0	31.8	43.7	53.2	50.2	39.3
52.5°	11.6	11.7	11.7	11.6	13.5	18.4	25.6	36.3	42.1	41.3	37.8
50°	13.7	14.0	13.9	13.4	14.2	15.7	20.4	28.4	31.5	33.1	31.8
47.5°	19.2	18.9	17.5	16.8	17.3	17.2	18.7	20.9	25.4	25.8	26.3
45°	28.8	28.0	25.7	24.7	23.1	22.2	20.8	23.0	24.1	24.9	21.9
42.5°	45.1	42.1	39.2	37.6	34.5	31.5	28.9	29.5	29.1	27.9	27.0
40°	71.3	62.2	58.6	55.7	51.7	45.2	43.7	40.1	38.2	34.9	35.9
37.5°	126.0	96.9	90.8	78.5	72.9	69.0	64.3	57.7	50.2	53.4	52.9
35°	240.6	198.0	158.9	127.8	102.6	107.1	94.2	81.2	76.4	80.6	76.8
32.5°	424.2	421.2	308.9	238.9	209.7	179.2	147.6	114.8	126.7	123.9	109.3
30°	888.4	949.5	729.3	532.3	485.7	345.2	233.5	214.5	204.9	181.5	151.4
27.5°	2342.9	2092.2	1713.7	1346.7	991.8	712.5	460.8	340.6	306.1	264.1	215.2
25°	4555.7	4070.0	3229.5	2584.9	2010.3	1230.2	788.5	557.2	436.1	366.4	301.6
22.5°	7052.1	6027.5	4894.7	3928.6	3059.0	2028.3	1256.5	807.1	582.3	486.7	403.8
20°	9910.4	8127.7	6651.4	5385.0	4082.1	2776.2	1781.1	1206.8	825.2	621.2	508.0
17.5°	14678.7	10758.6	8980.3	7181.0	5399.8	3727.4	2749.0	1839.6	1087.9	761.4	611.6
15°	21106.5	16141.8	12724.4	9729.6	7374.4	5715.6	4132.0	2645.3	1459.6	954.5	740.1
12.5°	31982.6	23746.8	17508.5	13448.0	10721.1	8232.6	5936.9	3838.9	2098.6	1206.9	896.8
10°	42434.1	31798.1	23762.9	18411.1	14516.6	11089.7	7778.7	4906.3	2677.3	1469.2	1047.2
7.5°	52541.7	39398.0	29607.3	22631.9	17458.5	13134.9	9276.3	5889.3	3181.8	1725.5	1190.5
5°	60751.9	44923.0	33116.4	24706.9	19421.1	14920.1	10681.3	6811.4	3606.1	1968.2	1325.6
2.5°	65659.8	48281.6	35775.4	26187.9	20809.5	16153.0	11700.5	7381.0	3804.5	2097.9	1401.3
0°	67361.8	49994.8	35862.8	26244.2	20725.9	16271.6	12151.6	7563.5	3842.7	2177.0	1467.1
-2.5°	66736.9	48797.3	35221.7	25579.7	20188.7	15592.1	11592.2	7596.5	4057.6	2258.9	1517.1
-5°	63761.0	45457.7	32834.7	24042.6	19059.4	14792.4	11000.4	7436.8	4155.4	2297.1	1556.1
-7.5°	59071.4	42075.6	29928.6	22128.6	17657.7	13840.1	10369.6	7110.0	4105.0	2270.4	1562.5
-10°	52965.5	38910.1	28351.2	21560.9	16822.3	12807.7	9648.3	6651.0	3896.1	2193.8	1556.9
-12.5°	48530.0	35741.5	26436.3	20958.9	16606.4	12594.8	9224.8	6113.9	3510.3	2063.1	1539.0
-15°	42586.1	32489.0	25223.7	20153.6	16070.2	12091.7	8680.5	5450.7	2912.0	1859.6	1508.7
-17.5°	36042.9	28786.9	23046.8	18231.2	14398.7	11194.8	7785.7	4686.0	2481.1	1649.0	1429.5
-20°	29041.8	24196.2	19846.4	15706.7	12095.7	9065.8	6312.0	3657.5	2109.9	1540.8	1340.5



REPORT NUMBER: P1305702 (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°	23130.8	19480.5	15756.5	12478.3	9494.0	6868.9	4541.2	2563.4	1648.7	1421.6	1238.0
-25°	17286.8	14664.3	11688.2	9398.7	6952.8	4679.7	2957.5	1961.5	1480.1	1297.2	1123.4
-27.5°	12655.2	10520.3	8615.4	6809.4	4860.6	3167.3	2048.0	1480.1	1327.5	1171.1	1010.0
-30°	9521.2	7997.0	6375.5	4802.1	3344.6	2126.8	1498.6	1319.6	1193.1	1055.8	912.8
-32.5°	7106.8	5816.1	4456.4	3225.3	2176.2	1575.7	1328.9	1175.5	1073.7	954.5	844.5
-35°	4907.0	3891.7	2830.2	2095.5	1540.8	1352.1	1213.8	1090.0	968.2	864.8	784.1
-37.5°	3072.5	2350.8	1886.2	1473.8	1352.1	1233.4	1122.5	999.4	877.5	801.0	731.3
-40°	1946.1	1555.5	1438.9	1329.6	1232.4	1137.3	1018.9	901.0	819.6	743.1	682.1
-42.5°	1470.0	1382.3	1295.1	1212.6	1122.2	1015.1	912.0	835.1	762.7	696.7	644.7
-45°	1320.7	1249.6	1174.1	1085.3	989.5	911.0	838.1	772.4	709.8	661.3	611.4
-47.5°	1179.6	1106.8	1029.2	962.4	896.5	831.8	772.9	714.6	676.3	630.9	567.5
-50°	1031.5	983.1	929.0	871.8	819.9	766.1	725.4	688.2	643.5	586.4	519.1
-52.5°	941.8	902.0	856.6	805.1	767.8	737.0	701.3	651.3	599.1	531.2	458.3
-55°	890.1	855.6	823.2	787.6	745.7	700.6	654.0	598.3	531.5	463.3	397.0
-57.5°	885.8	846.8	799.7	749.7	696.5	639.7	579.8	518.7	457.0	395.1	334.1
-60°	848.9	801.5	737.2	672.7	608.6	549.4	492.3	435.7	380.0	324.4	270.1
-62.5°	734.0	682.3	622.2	560.8	503.2	450.2	398.1	346.1	297.6	251.4	207.6
-65°	571.0	524.9	476.9	430.2	383.0	335.5	291.1	254.4	220.3	184.5	148.0
-67.5°	404.3	370.3	333.2	297.0	266.7	237.3	208.7	178.8	154.3	133.5	112.3
-70°	265.3	244.3	221.7	198.5	179.3	161.9	143.5	125.1	107.7	91.8	75.4
-72.5°	164.6	152.7	140.1	126.9	113.4	101.4	89.3	76.7	63.9	50.9	41.2
-75°	94.7	86.4	77.6	69.1	60.0	50.5	44.8	40.9	37.0	33.1	29.1
-77.5°	51.1	46.6	42.4	39.4	36.1	32.6	29.0	26.5	24.8	23.2	21.6
-80°	34.0	31.4	28.8	26.6	24.4	22.3	20.3	19.2	18.2	17.4	16.6
-82.5°	23.0	21.2	19.3	18.1	16.8	15.6	14.5	14.0	13.5	13.0	12.5
-85°	16.0	14.3	12.7	12.1	11.5	10.9	10.4	10.2	10.0	9.7	9.5
-87.5°	10.7	9.2	7.7	7.7	7.6	7.6	7.5	7.6	7.7	7.8	7.9
-90°	3.0	3.4	3.9	3.9	3.9	3.9	3.9	4.4	4.9	5.4	5.9



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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°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	5.9	5.9	5.9	5.9	6.4	6.9	7.4	7.9	7.9	7.9	7.9
85°	6.1	6.2	6.2	6.2	6.5	6.9	7.4	7.9	7.9	7.9	7.9
82.5°	6.4	6.9	7.2	7.3	7.3	7.4	7.6	7.9	8.0	7.9	7.9
80°	6.5	7.0	7.5	7.9	7.9	7.9	7.8	7.9	8.2	8.3	8.2
77.5°	7.0	7.2	7.5	7.9	7.9	7.9	7.9	8.0	8.4	8.6	8.6
75°	7.9	7.8	7.8	8.0	8.0	7.9	7.9	8.0	8.5	9.0	9.1
72.5°	7.9	7.9	7.9	8.1	8.4	8.4	8.2	8.1	8.6	9.0	9.5
70°	9.2	8.2	7.9	8.2	8.7	9.1	9.0	8.7	8.6	9.1	9.5
67.5°	11.8	10.6	9.4	8.5	8.8	9.2	9.7	9.4	9.1	9.1	9.6
65°	14.9	13.1	11.6	10.2	9.3	9.3	9.8	9.8	9.5	9.4	9.6
62.5°	18.7	15.6	13.7	11.7	10.3	9.7	9.8	9.8	9.8	9.6	9.7
60°	23.0	18.4	15.8	13.7	11.5	10.0	9.8	9.8	9.8	9.8	9.8
57.5°	27.5	20.5	17.6	15.4	13.3	10.9	9.8	9.8	9.8	9.8	9.8
55°	30.5	23.2	19.4	16.7	14.7	12.5	10.3	9.8	9.8	9.8	9.8
52.5°	30.1	25.0	21.4	17.9	15.6	13.9	11.6	9.8	9.8	9.8	9.8
50°	27.1	25.6	22.6	19.1	16.3	14.5	12.8	10.7	9.8	9.8	9.8
47.5°	26.1	26.0	23.4	19.9	16.8	15.1	13.5	11.6	9.8	9.8	9.8
45°	25.6	26.8	24.5	20.8	17.4	15.7	14.1	12.3	10.4	9.9	9.8
42.5°	26.1	28.2	26.7	21.8	19.1	16.3	14.6	12.8	11.0	10.0	9.9
40°	33.5	30.3	29.6	26.8	21.5	16.8	15.0	13.2	11.5	10.3	10.0
37.5°	43.1	37.0	32.7	35.8	26.0	19.5	15.4	13.6	12.1	10.9	10.2
35°	63.9	47.7	45.1	47.6	37.1	22.5	15.8	14.0	12.7	11.5	10.5
32.5°	89.9	71.5	68.3	61.9	51.0	25.9	17.7	14.9	13.3	12.0	10.7
30°	128.0	115.2	97.5	79.2	66.9	38.6	21.3	16.2	13.9	12.5	11.1
27.5°	185.9	163.8	133.7	105.8	83.5	54.0	26.1	17.7	14.5	13.0	11.5
25°	252.8	218.8	179.7	138.3	102.0	75.0	31.1	19.6	15.5	13.5	11.9
22.5°	334.3	277.7	228.9	174.2	130.0	98.9	42.3	23.7	16.8	13.9	12.3
20°	419.4	339.6	281.7	214.3	163.6	122.5	60.6	27.9	18.3	14.3	12.7
17.5°	507.9	418.5	345.3	261.7	198.1	147.8	80.1	32.1	19.9	14.7	13.0
15°	627.2	519.2	414.8	311.8	231.0	174.4	100.4	36.3	21.6	15.1	13.4
12.5°	753.2	624.4	488.5	363.7	262.2	201.7	120.8	40.4	23.3	16.1	13.8
10°	878.1	731.9	564.5	416.0	291.7	229.2	141.0	46.1	27.1	17.9	14.2
7.5°	1000.7	839.4	640.9	467.6	323.3	265.0	174.2	55.5	31.3	19.8	14.6
5°	1111.6	935.2	716.3	530.7	373.6	309.1	209.3	64.9	35.5	21.8	15.0
2.5°	1181.9	1009.7	787.1	591.4	422.6	351.4	242.8	74.0	39.5	23.7	15.4
0°	1244.9	1075.7	851.5	647.0	470.0	391.4	273.4	82.6	43.3	25.6	15.7
-2.5°	1284.8	1114.5	886.7	691.2	519.0	435.3	310.5	106.9	57.3	33.0	18.8
-5°	1318.2	1144.8	916.3	730.6	565.6	475.9	342.3	129.7	70.7	40.0	21.7
-7.5°	1330.4	1150.8	931.6	761.8	609.7	513.1	368.1	150.6	83.1	46.5	24.4
-10°	1330.5	1138.0	926.6	761.2	620.5	528.7	383.6	168.9	94.1	52.2	26.8
-12.5°	1321.1	1116.5	917.2	755.5	622.4	524.4	372.3	181.0	103.4	57.0	28.8
-15°	1301.4	1086.3	903.6	744.5	621.1	517.4	358.4	188.9	110.6	61.0	30.4
-17.5°	1261.4	1047.4	886.4	728.1	616.4	507.7	342.5	194.2	116.0	64.3	32.1
-20°	1167.4	991.3	865.4	706.4	608.1	495.6	325.2	196.7	119.2	66.1	33.7



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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°	1068.4	926.7	811.8	692.2	594.2	481.1	307.1	196.2	120.3	66.6	34.7
-25°	966.8	860.8	753.8	659.5	574.3	453.9	296.5	192.7	119.0	65.4	35.1
-27.5°	885.0	794.9	698.0	626.7	541.6	427.7	291.0	190.7	116.2	62.6	34.8
-30°	811.5	733.8	657.4	592.8	508.4	390.4	281.6	185.7	112.9	60.8	33.8
-32.5°	754.0	677.2	621.5	555.0	467.5	352.6	261.3	177.4	107.2	59.5	33.0
-35°	708.0	638.9	586.1	517.3	423.4	322.8	236.3	165.7	99.1	57.2	31.9
-37.5°	662.8	609.7	545.6	475.1	379.6	290.4	213.2	147.5	88.6	53.8	30.0
-40°	630.9	575.8	509.3	427.7	339.9	255.5	188.3	129.9	81.6	49.4	27.4
-42.5°	597.4	534.8	463.2	381.3	299.2	226.1	162.4	111.3	73.9	45.2	24.2
-45°	551.8	488.0	412.5	335.3	257.6	195.1	141.0	93.3	65.2	40.6	21.4
-47.5°	501.7	432.6	361.7	288.3	222.1	164.6	118.6	82.9	56.0	35.1	19.9
-50°	442.2	377.4	311.1	247.0	186.2	139.4	98.2	71.8	48.2	28.3	18.0
-52.5°	387.5	323.5	263.8	206.2	156.3	113.3	85.1	60.3	39.8	24.1	15.8
-55°	332.0	272.1	218.0	169.2	126.0	95.6	71.3	49.9	30.7	20.8	13.5
-57.5°	276.4	221.5	175.2	132.9	102.9	79.6	58.0	38.8	25.3	17.3	13.2
-60°	219.3	174.0	132.3	106.5	84.5	63.6	44.6	29.1	20.7	14.2	12.8
-62.5°	165.4	128.7	106.2	85.6	65.7	47.4	31.9	23.3	15.8	13.6	12.3
-65°	124.2	102.4	82.7	63.9	46.4	32.8	24.7	17.2	14.3	13.1	12.0
-67.5°	92.5	74.2	57.2	41.2	32.1	24.8	17.4	14.8	13.7	12.5	12.0
-70°	59.5	44.5	36.2	29.9	23.4	17.6	15.5	14.2	13.1	12.3	11.9
-72.5°	36.2	31.2	26.0	20.7	18.2	16.1	14.5	13.5	12.6	12.1	11.8
-75°	24.7	22.1	19.9	17.8	16.0	14.5	13.5	12.7	12.2	11.8	11.4
-77.5°	19.7	17.9	16.2	15.0	14.0	13.2	12.5	12.0	11.6	11.2	10.8
-80°	15.5	14.5	13.6	12.9	12.3	11.8	11.5	11.2	10.8	10.5	10.2
-82.5°	11.9	11.6	11.4	11.2	11.0	10.8	10.6	10.3	10.1	9.8	9.6
-85°	9.6	9.7	9.9	10.1	9.9	9.8	9.7	9.5	9.4	9.2	9.0
-87.5°	8.2	8.5	8.8	9.0	8.9	8.8	8.8	8.7	8.6	8.5	8.5
-90°	5.9	5.9	5.9	5.9	6.4	6.9	7.4	7.9	7.9	7.9	7.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9
85°	7.9	7.9	7.9	7.9	7.9	7.9	7.9
82.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9
80°	8.0	7.9	7.9	7.9	7.9	7.9	7.9
77.5°	8.4	8.0	7.9	7.9	7.9	7.9	7.9
75°	8.9	8.4	8.0	7.9	7.9	7.9	7.9
72.5°	9.4	8.8	8.3	7.9	7.9	7.9	7.9
70°	9.8	9.2	8.6	7.9	7.9	7.9	7.9
67.5°	9.8	9.6	8.9	8.2	7.9	7.9	7.9
65°	9.8	9.8	9.2	8.4	7.9	7.9	7.9
62.5°	9.8	9.8	9.5	8.6	7.9	7.9	7.9
60°	9.8	9.8	9.8	8.8	7.9	7.9	7.9
57.5°	9.8	9.8	9.8	9.1	8.0	7.9	7.9
55°	9.8	9.8	9.8	9.3	8.2	7.9	7.9
52.5°	9.8	9.8	9.8	9.5	8.3	7.9	7.9
50°	9.8	9.8	9.8	9.7	8.4	7.9	7.9
47.5°	9.8	9.8	9.8	9.8	8.6	7.9	7.9
45°	9.8	9.8	9.8	9.8	8.7	7.9	7.9
42.5°	9.8	9.8	9.8	9.8	8.8	7.9	7.9
40°	9.8	9.8	9.8	9.8	8.9	7.9	7.9
37.5°	9.8	9.8	9.8	9.8	9.0	7.9	7.9
35°	9.8	9.8	9.8	9.8	9.1	7.9	7.9
32.5°	9.9	9.8	9.8	9.8	9.2	7.9	7.9
30°	10.1	9.8	9.8	9.8	9.3	7.9	7.9
27.5°	10.3	9.8	9.8	9.8	9.4	7.9	7.9
25°	10.5	9.8	9.8	9.8	9.4	7.9	7.9
22.5°	10.8	9.8	9.8	9.8	9.5	7.9	7.9
20°	11.0	10.0	9.8	9.8	9.6	7.9	7.9
17.5°	11.3	10.2	9.8	9.8	9.6	7.9	7.9
15°	11.5	10.4	9.8	9.8	9.7	7.9	7.9
12.5°	11.6	10.6	9.8	9.8	9.7	7.9	7.9
10°	11.7	10.8	9.8	9.8	9.7	7.9	7.9
7.5°	11.8	11.1	9.8	9.8	9.8	7.9	7.9
5°	11.8	11.3	9.8	9.8	9.8	7.9	7.9
2.5°	11.8	11.6	9.8	9.8	9.8	7.9	7.9
0°	11.8	11.8	9.8	9.8	9.8	7.9	7.9
-2.5°	12.9	11.8	9.8	9.8	9.8	7.9	7.9
-5°	13.9	11.8	9.8	9.8	9.8	7.9	7.9
-7.5°	14.8	11.7	9.8	9.8	9.8	7.9	7.9
-10°	15.6	11.6	9.8	9.8	9.7	7.9	7.9
-12.5°	16.3	11.6	9.8	9.8	9.7	7.9	7.9
-15°	16.8	11.5	9.8	9.8	9.7	7.9	7.9
-17.5°	17.0	11.3	9.8	9.8	9.6	7.9	7.9
-20°	17.4	11.2	9.8	9.8	9.6	7.9	7.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.1	11.0	9.8	9.8	9.5	7.9	7.9
-25°	18.4	11.2	9.8	9.8	9.4	7.9	7.9
-27.5°	18.3	11.3	9.8	9.8	9.4	7.9	7.9
-30°	17.8	11.4	9.8	9.8	9.3	7.9	7.9
-32.5°	16.8	11.3	9.9	9.8	9.2	7.9	7.9
-35°	16.4	11.1	10.0	9.8	9.1	7.9	7.9
-37.5°	16.1	10.9	10.1	9.8	9.0	7.9	7.9
-40°	15.5	10.9	10.1	9.8	8.9	7.9	7.9
-42.5°	14.8	11.0	10.2	9.8	8.8	7.9	7.9
-45°	13.8	11.0	10.2	9.9	8.7	7.9	7.9
-47.5°	12.5	11.0	10.3	9.9	8.6	7.9	7.9
-50°	12.2	10.9	10.3	9.8	8.4	7.9	7.9
-52.5°	12.1	10.8	10.4	9.7	8.3	7.9	7.9
-55°	11.9	10.9	10.4	9.5	8.2	7.9	7.9
-57.5°	11.7	10.9	10.5	9.3	8.0	7.9	7.9
-60°	11.4	11.0	10.5	9.1	7.9	7.9	7.9
-62.5°	11.5	11.0	10.3	8.9	7.9	7.9	7.9
-65°	11.5	11.1	10.0	8.8	7.9	7.9	7.9
-67.5°	11.6	10.9	9.7	8.5	7.9	7.9	7.9
-70°	11.6	10.6	9.4	8.3	7.9	7.9	7.9
-72.5°	11.2	10.2	9.1	8.3	7.9	7.9	7.9
-75°	10.8	9.8	8.8	8.2	7.9	7.9	7.9
-77.5°	10.3	9.4	8.7	8.2	7.9	7.9	7.9
-80°	9.8	9.1	8.5	8.1	7.9	7.9	7.9
-82.5°	9.4	8.8	8.4	8.1	7.9	7.9	7.9
-85°	8.9	8.5	8.2	8.0	7.9	7.9	7.9
-87.5°	8.4	8.2	8.1	8.0	7.9	7.9	7.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)