

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: P1306149 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

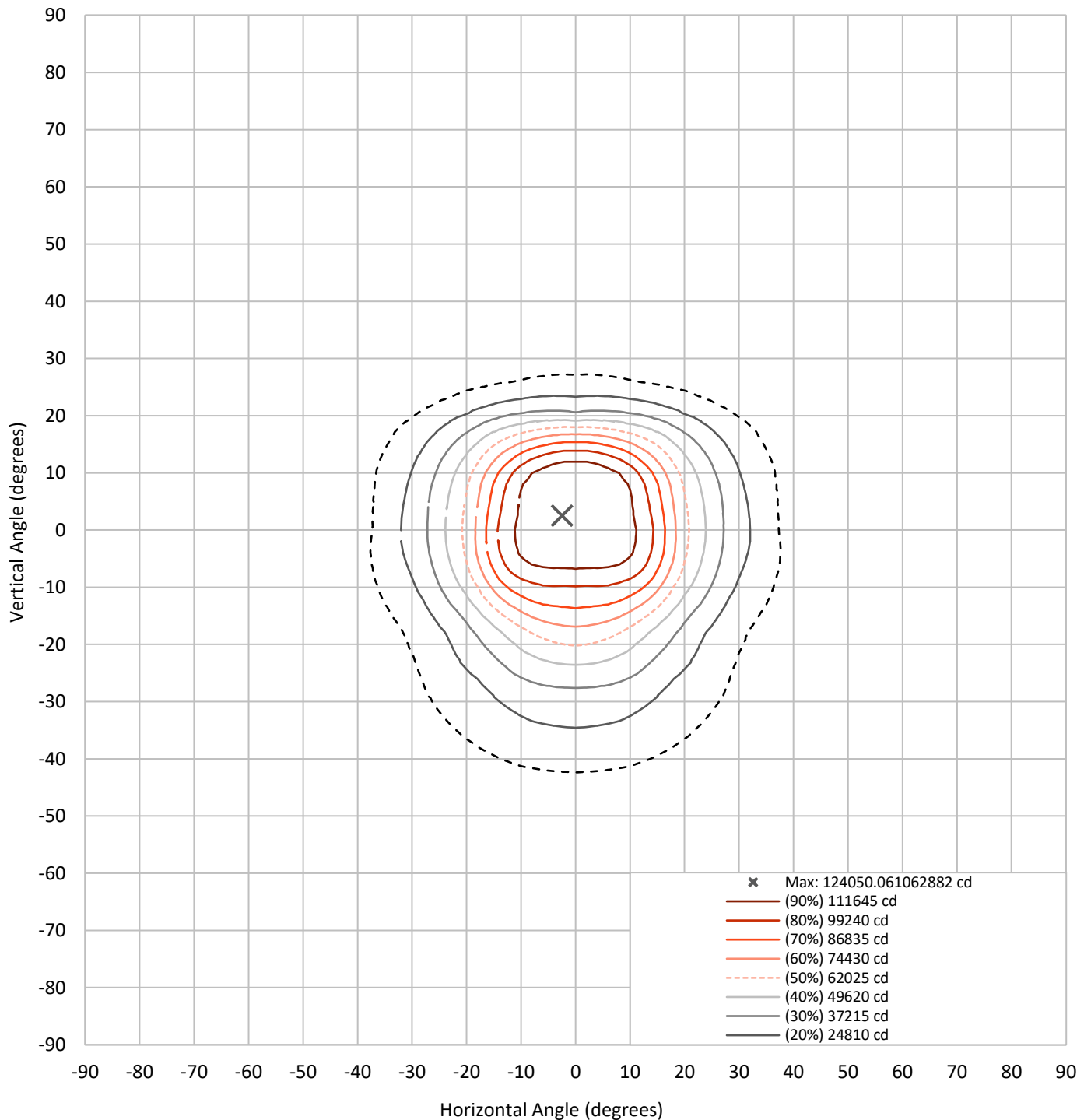
Test Method: LM-79-08
Report Number: P1306149 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-5S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	66228.4 lumens	Max Intensity:	124050.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	119.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	36492.2 lumens	Field Lumens:	61591.2 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	554		
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





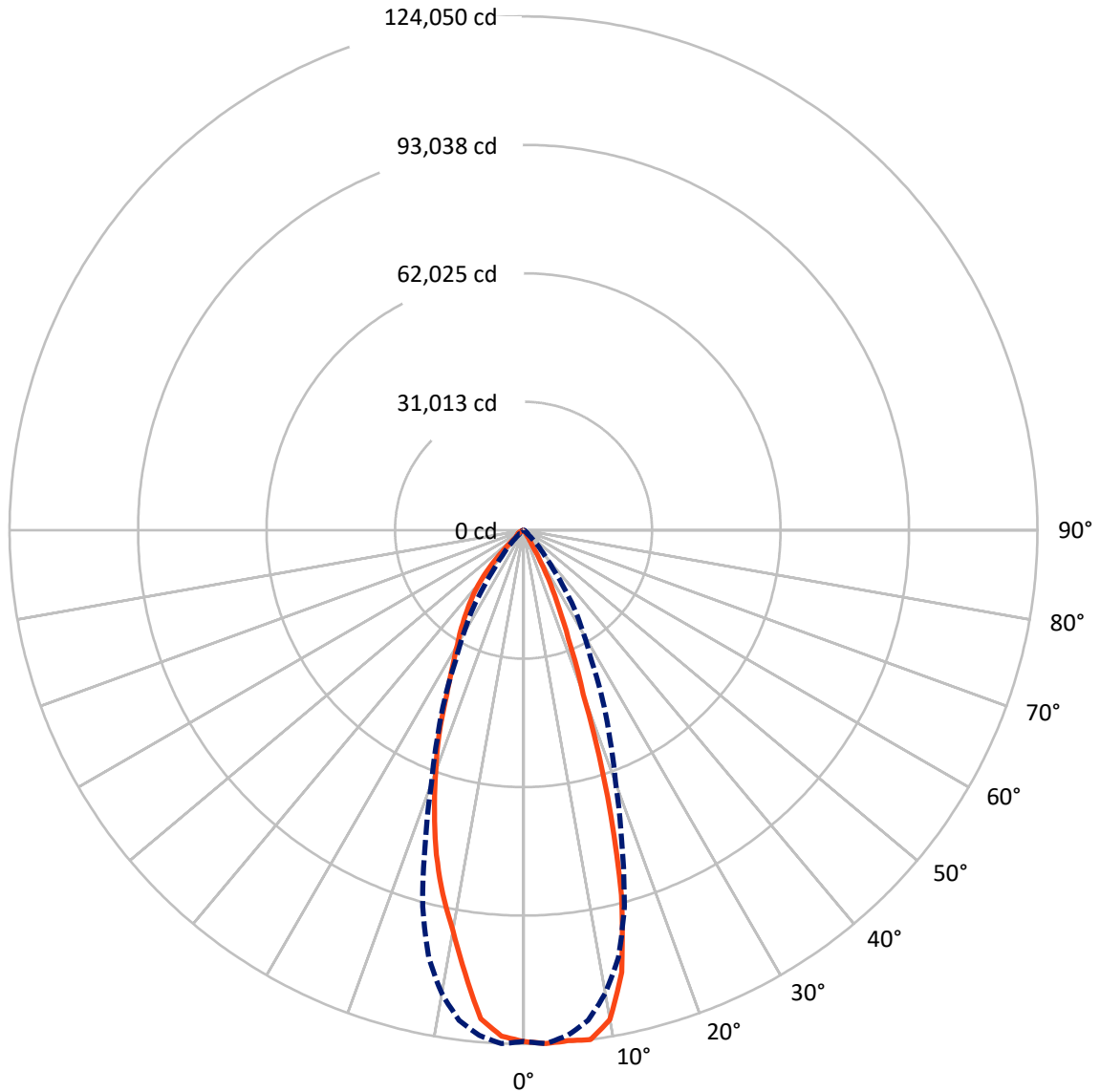
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Lumen Table

90																			
80	0.1	0.3		0.5		0.5		0.4		0.5		0.5		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.6	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.6	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.7	2.0	4.3	9.4	22.1	31.5	31.5	22.1	9.4	4.3	2.0	0.7	0.2				
30	0.2	0.4	3.5	13.2	72.2	221.7	446.1	600.2	600.2	446.1	221.7	72.2	13.2	3.5	0.4	0.2			
20		1.0	8.6	47.7	297.6	847.2	1756.2	2529.3	2529.3	1756.2	847.2	297.6	47.7	8.6	1.0				
10	0.2	1.6	11.7	75.3	427.7	1218.7	2633.2	3641.4	3641.4	2633.2	1218.7	427.7	75.3	11.7	1.6	0.2			
0		2.0	12.5	78.8	430.8	1188.1	2595.0	3439.6	3439.6	2595.0	1188.1	430.8	78.8	12.5	2.0				
-10	0.3	2.4	12.0	52.9	283.2	783.7	1667.1	2371.3	2371.3	1667.1	783.7	283.2	52.9	12.0	2.4	0.3			
-20		2.3	11.4	29.4	166.9	480.0	932.9	1319.4	1319.4	932.9	480.0	166.9	29.4	11.4	2.3				
-30	0.3	1.9	9.2	21.9	67.1	264.6	516.3	706.5	706.5	516.3	264.6	67.1	21.9	9.2	1.9	0.3			
-40		1.2	6.0	17.1	33.0	61.5	145.9	226.7	226.7	145.9	61.5	33.0	17.1	6.0	1.2				
-50	0.2	0.6	3.0	9.3	20.2	33.0	45.0	52.1	52.1	45.0	33.0	20.2	9.3	3.0	0.6	0.2			
-60		0.3	1.1	3.2	6.9	11.8	17.4	20.5	20.5	17.4	11.8	6.9	3.2	1.1	0.3				
-70	0.1	0.6		2.3		5.5		7.4		5.5		2.3		0.6		0.1			
-80		0.6		2.3		5.5		7.4		5.5		2.3		0.6					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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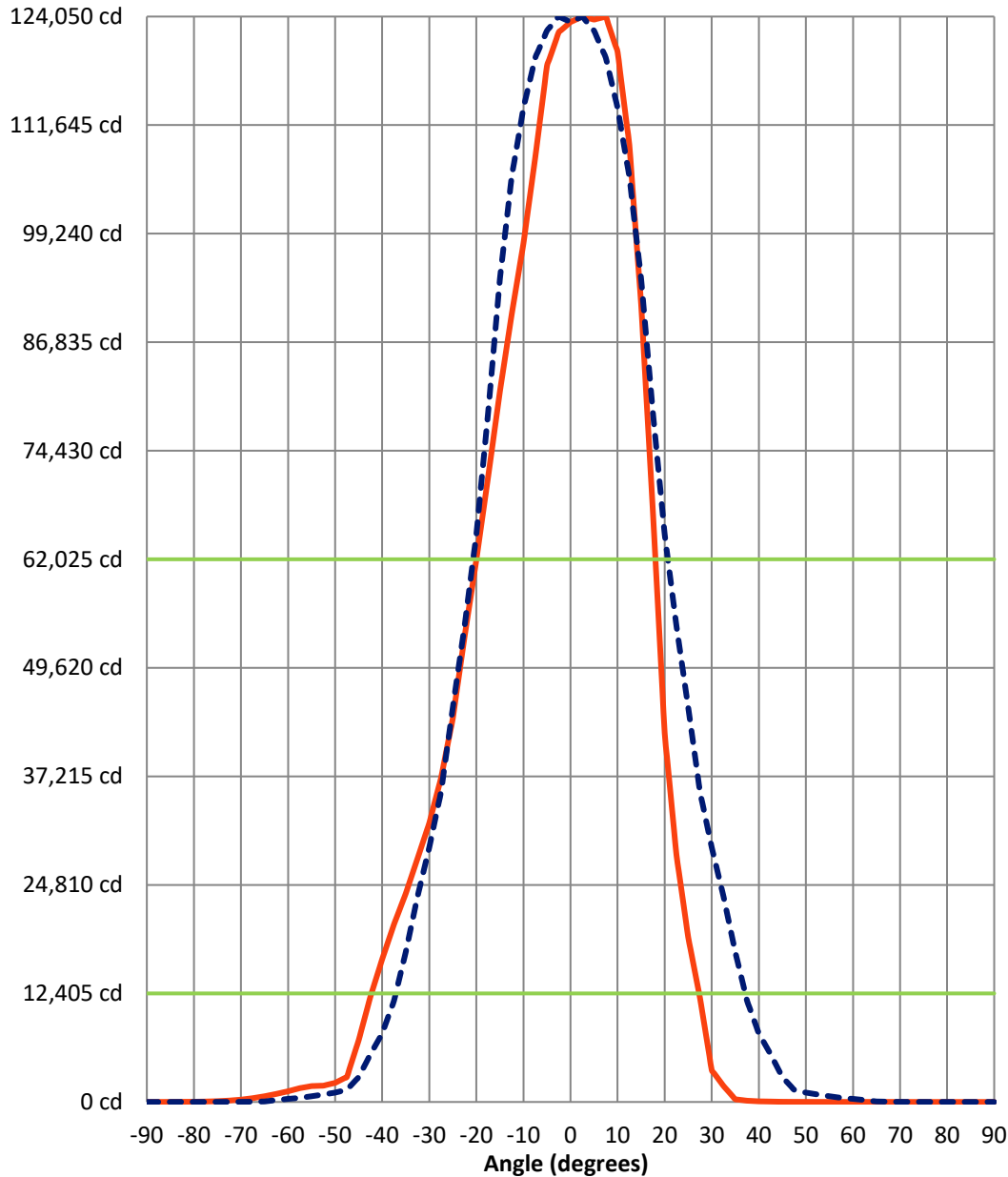
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 36492.2
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 61591.2
 Efficiency: 93.0%

Spill:
 Lumens: 4637.2
 Efficiency: 7.0%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 2.5-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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.5
85°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.5
82.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.2	4.0
80°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	4.8	4.7	4.7
77.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	5.1	5.2	5.3
75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.3	5.3	5.3
72.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
70°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
67.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.5
55°	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.4	5.3	5.4	5.8
52.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.6	5.5	5.3	5.8	6.1
50°	5.3	5.3	5.3	5.3	5.3	5.5	5.8	5.6	5.4	6.2	7.1
47.5°	5.3	5.3	5.3	5.3	5.3	5.7	6.0	5.6	5.9	6.7	8.0
45°	5.3	5.3	5.3	5.3	5.3	5.9	6.1	5.7	6.5	7.4	8.8
42.5°	5.3	5.3	5.3	5.3	5.3	6.1	6.2	6.1	7.0	8.0	9.3
40°	5.3	5.3	5.3	5.3	5.4	6.3	6.2	6.5	7.6	8.6	9.8
37.5°	5.3	5.3	5.3	5.4	5.6	6.6	6.3	7.0	8.1	9.2	10.3
35°	5.3	5.3	5.3	5.4	5.8	6.7	6.4	7.4	8.6	9.8	11.0
32.5°	5.3	5.3	5.3	5.5	5.9	6.8	6.6	7.8	9.1	10.5	12.4
30°	5.3	5.3	5.3	5.6	6.1	6.9	7.0	8.3	9.5	11.2	14.2
27.5°	5.3	5.3	5.3	5.7	6.3	6.9	7.3	8.6	10.0	11.9	16.1
25°	5.3	5.3	5.3	5.8	6.5	7.0	7.6	9.0	10.6	13.3	18.4
22.5°	5.3	5.3	5.3	5.9	6.7	7.1	7.9	9.3	11.2	15.0	22.6
20°	5.3	5.3	5.3	6.0	6.8	7.1	8.2	9.7	11.8	16.7	27.1
17.5°	5.3	5.3	5.3	6.1	6.9	7.1	8.4	10.0	12.5	18.6	31.9
15°	5.3	5.3	5.3	6.3	7.0	7.1	8.5	10.2	13.1	20.4	36.8
12.5°	5.3	5.3	5.3	6.4	7.0	7.1	8.6	10.3	13.6	22.3	41.7
10°	5.3	5.3	5.3	6.6	7.1	7.1	8.7	10.4	14.2	24.4	46.5
7.5°	5.3	5.3	5.3	6.7	7.1	7.1	8.8	10.5	14.7	26.5	51.0
5°	5.3	5.3	5.3	6.8	7.1	7.1	8.9	10.6	15.2	28.5	55.2
2.5°	5.3	5.3	5.3	7.0	7.1	7.1	8.9	10.6	15.6	30.3	58.9
0°	5.3	5.3	5.3	7.1	7.1	7.1	8.9	10.6	16.0	31.9	62.1
-2.5°	5.3	5.3	5.4	7.1	7.1	7.3	9.4	12.5	21.4	41.6	77.4
-5°	5.3	5.3	5.5	7.1	7.1	7.5	9.8	14.4	26.6	50.9	91.8
-7.5°	5.3	5.3	5.5	7.1	7.1	7.7	10.2	16.1	31.3	59.4	105.0
-10°	5.3	5.3	5.6	7.0	7.1	7.8	10.5	17.6	35.5	66.9	116.6
-12.5°	5.3	5.3	5.7	7.0	7.1	8.0	10.8	18.9	38.9	73.5	127.8
-15°	5.3	5.3	5.7	7.0	7.1	8.1	11.0	19.8	42.1	79.8	137.3
-17.5°	5.3	5.3	5.8	7.0	7.1	8.2	11.2	21.2	45.2	84.7	144.2
-20°	5.3	5.3	5.8	6.9	7.1	8.2	11.6	23.0	47.4	87.9	148.3



REPORT NUMBER: P1306149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.3	5.3	5.9	6.9	7.1	8.2	12.6	24.2	48.4	89.3	149.3
-25°	5.3	5.3	5.9	6.9	7.1	8.3	13.2	24.9	48.4	88.7	147.0
-27.5°	5.3	5.3	5.9	6.9	7.1	8.5	13.5	24.9	47.1	87.1	146.0
-30°	5.3	5.3	6.0	6.9	7.1	8.5	13.6	24.3	46.2	85.5	142.5
-32.5°	5.3	5.3	6.0	6.9	7.2	8.4	13.2	24.2	45.5	82.1	136.3
-35°	5.3	5.3	6.0	7.0	7.3	8.2	13.0	23.8	43.8	77.0	127.3
-37.5°	5.3	5.3	5.9	7.0	7.3	8.0	12.7	22.9	41.2	70.2	115.6
-40°	5.3	5.3	5.9	7.1	7.4	8.1	12.2	21.4	37.6	65.0	104.2
-42.5°	5.3	5.3	5.9	7.1	7.4	8.1	11.5	19.4	34.7	59.0	91.3
-45°	5.3	5.3	5.8	7.1	7.4	8.2	10.6	17.5	31.7	52.1	78.1
-47.5°	5.3	5.3	5.8	7.1	7.4	8.1	9.5	16.1	28.0	44.5	69.5
-50°	5.3	5.3	5.7	7.0	7.4	8.1	9.2	14.4	23.5	39.2	60.1
-52.5°	5.3	5.3	5.6	6.8	7.3	8.0	9.1	12.4	20.3	33.4	50.3
-55°	5.3	5.3	5.5	6.7	7.3	7.9	8.9	10.4	17.5	26.9	42.7
-57.5°	5.3	5.3	5.4	6.5	7.2	7.8	8.8	10.1	14.5	22.5	34.5
-60°	5.3	5.3	5.3	6.3	7.1	7.6	8.5	9.8	11.8	18.6	27.0
-62.5°	5.3	5.3	5.3	6.2	6.9	7.4	8.2	9.4	11.1	14.3	21.9
-65°	5.3	5.3	5.3	6.0	6.8	7.2	7.9	8.9	10.4	12.6	16.6
-67.5°	5.3	5.3	5.3	5.9	6.6	7.0	7.5	8.5	9.5	11.3	13.8
-70°	5.3	5.3	5.3	5.7	6.5	6.9	7.2	8.0	9.0	10.0	12.0
-72.5°	5.3	5.3	5.3	5.6	6.3	6.8	7.1	7.5	8.5	9.4	10.3
-75°	5.3	5.3	5.3	5.6	6.2	6.7	7.1	7.4	7.9	8.8	9.6
-77.5°	5.3	5.3	5.3	5.6	6.0	6.6	7.1	7.3	7.7	8.2	9.0
-80°	5.3	5.3	5.3	5.5	5.9	6.4	7.1	7.2	7.4	7.8	8.3
-82.5°	5.3	5.3	5.3	5.5	5.8	6.2	6.7	6.9	7.1	7.3	7.6
-85°	5.3	5.3	5.3	5.4	5.6	5.9	6.2	6.4	6.5	6.7	6.8
-87.5°	5.3	5.3	5.3	5.4	5.5	5.6	5.8	5.8	5.9	6.0	6.1
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.5



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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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	4.0	4.0	3.8	3.5	3.5	3.5	3.5	3.7	3.8	3.8	3.7
80°	4.7	4.5	4.0	3.6	3.7	4.0	4.4	4.9	4.8	4.5	4.2
77.5°	5.0	4.5	4.1	3.6	3.9	4.5	4.9	5.2	5.2	5.2	5.2
75°	5.0	4.6	4.3	4.3	4.7	5.1	5.3	5.7	5.9	5.9	5.8
72.5°	5.1	4.9	5.0	5.3	5.3	5.6	6.1	6.7	7.1	7.0	6.9
70°	5.2	5.3	5.3	5.3	5.4	6.0	7.0	7.9	8.5	8.8	9.7
67.5°	5.3	5.3	5.3	5.4	6.1	7.1	8.0	10.1	12.8	13.8	14.8
65°	5.3	5.3	5.5	6.1	7.0	8.4	10.7	13.8	19.0	21.4	22.6
62.5°	5.3	5.4	5.9	6.9	8.0	9.8	14.3	20.2	26.8	30.4	29.7
60°	5.3	5.5	6.7	8.1	9.5	13.4	19.3	26.1	34.5	40.6	36.4
57.5°	5.5	6.3	8.0	9.7	12.7	16.7	22.6	30.8	39.4	48.5	41.9
55°	6.1	7.7	9.5	11.8	15.1	18.0	24.1	31.7	41.1	47.0	41.3
52.5°	7.4	9.1	10.6	13.4	16.5	18.9	22.5	29.6	35.2	40.0	36.8
50°	8.6	9.7	11.4	14.7	17.4	18.9	18.7	24.1	28.8	30.9	31.3
47.5°	9.4	10.4	12.5	15.7	18.0	18.4	16.7	19.5	23.0	25.1	24.5
45°	10.0	11.6	14.0	16.6	18.3	17.7	17.5	16.5	20.8	22.7	23.1
42.5°	10.5	12.9	15.7	17.8	18.5	19.4	19.9	20.0	22.2	26.6	28.9
40°	11.6	14.3	17.8	19.6	20.0	23.1	26.2	28.6	30.2	36.2	40.4
37.5°	12.7	16.5	20.7	23.9	24.4	29.8	34.6	50.3	53.5	48.9	64.3
35°	13.8	19.0	26.2	33.7	38.0	39.4	61.0	82.2	91.3	89.4	102.4
32.5°	15.6	21.7	33.3	50.4	67.2	71.5	94.5	130.5	162.7	175.7	167.7
30°	18.7	28.4	44.7	71.5	109.6	151.5	158.1	198.0	263.0	315.9	395.2
27.5°	23.3	37.0	65.0	110.4	171.4	257.1	278.2	312.9	409.5	542.4	797.7
25°	28.6	58.8	88.2	162.2	275.1	375.7	415.3	480.7	592.8	1022.6	1610.3
22.5°	40.4	88.0	135.7	222.0	396.1	500.0	571.5	681.3	947.7	1634.0	2777.9
20°	61.4	128.5	195.9	297.3	524.0	631.1	727.2	894.2	1489.0	2764.9	4624.3
17.5°	86.2	172.3	258.2	388.2	593.1	739.4	888.2	1112.6	2057.0	4084.0	6554.4
15°	113.8	218.5	316.7	466.9	653.5	810.9	1018.6	1535.7	2958.7	5590.0	8327.3
12.5°	143.4	266.3	371.4	534.1	709.6	878.0	1125.5	1897.2	3898.6	6958.2	10148.7
10°	173.8	314.5	422.5	590.7	761.0	940.2	1222.4	2227.6	4561.3	7471.4	11021.3
7.5°	192.7	344.7	463.8	637.8	807.5	996.9	1308.2	2519.4	5030.3	7730.3	11380.8
5°	206.9	352.4	468.0	651.6	837.1	1042.0	1375.1	2764.1	5321.7	7767.0	11491.7
2.5°	217.8	355.5	468.8	655.8	854.9	1072.6	1398.0	2845.0	5455.3	7838.1	11568.5
0°	225.2	354.7	466.4	654.3	867.1	1095.9	1406.2	2860.3	5458.1	7884.0	11597.2
-2.5°	237.2	367.4	490.1	681.8	880.8	1100.8	1417.7	2940.8	5722.9	8380.3	12472.3
-5°	245.8	376.9	509.9	703.2	889.0	1098.4	1415.8	2945.1	5756.2	8495.4	12507.8
-7.5°	251.0	383.2	524.8	715.9	881.9	1070.8	1367.4	2707.1	5249.7	7974.5	11658.0
-10°	254.2	391.2	535.3	708.5	855.6	1025.5	1298.7	2412.8	4644.0	7304.3	10631.0
-12.5°	260.1	400.6	542.2	699.9	831.1	975.5	1217.9	2070.4	3956.1	6485.0	9440.9
-15°	261.9	406.7	545.7	691.5	810.6	921.8	1125.4	1686.9	3266.8	5765.9	8262.8
-17.5°	259.5	409.6	545.9	684.6	796.1	865.1	1030.8	1355.3	2752.9	5067.6	7371.7
-20°	253.0	409.4	542.9	680.4	787.0	846.5	999.6	1283.1	2311.2	4249.7	6529.7



REPORT NUMBER: P1306149 (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°	242.1	406.0	537.7	673.2	786.1	863.6	973.1	1192.1	1757.1	3305.2	5657.0
-25°	235.0	390.6	529.4	654.6	780.8	882.1	944.6	1094.8	1410.1	2583.8	4480.9
-27.5°	231.6	370.1	504.8	628.0	767.1	892.6	949.9	1059.4	1282.5	1791.4	3242.0
-30°	223.7	335.7	475.2	594.5	735.0	871.4	971.0	1022.8	1167.0	1463.5	2316.8
-32.5°	208.1	300.4	436.1	558.1	690.6	840.1	974.7	1025.8	1119.0	1289.8	1609.5
-35°	190.0	277.8	393.4	516.0	637.3	788.9	931.2	1040.2	1081.1	1204.7	1428.0
-37.5°	174.1	251.4	350.0	468.8	586.2	725.7	882.5	1009.2	1093.3	1147.5	1312.5
-40°	155.7	221.2	313.9	420.7	534.6	661.9	807.0	955.0	1074.3	1176.9	1246.1
-42.5°	135.5	198.0	276.9	372.5	482.5	600.5	726.0	872.6	1025.3	1171.4	1278.2
-45°	119.7	172.0	237.8	327.6	427.1	536.0	653.7	777.4	937.0	1101.8	1251.0
-47.5°	102.3	145.9	206.0	278.8	370.9	470.7	577.5	694.5	826.0	984.6	1155.9
-50°	85.6	124.7	171.0	236.1	313.1	403.7	501.3	603.6	719.9	851.8	1002.5
-52.5°	74.1	101.9	143.2	192.9	259.0	336.0	422.3	512.5	611.8	720.2	844.0
-55°	61.7	85.8	115.7	156.6	206.5	272.2	342.6	422.7	505.1	599.4	694.7
-57.5°	50.9	70.6	93.9	123.9	163.8	209.2	270.3	333.5	406.8	483.0	559.0
-60°	40.5	56.3	75.5	98.4	125.5	162.8	201.6	254.4	313.0	370.4	433.9
-62.5°	30.5	43.3	58.4	76.4	98.4	120.2	151.0	187.1	225.5	272.8	319.3
-65°	24.1	31.3	42.8	57.2	72.9	91.5	110.7	130.2	161.0	191.7	220.8
-67.5°	17.4	23.9	30.5	38.6	51.8	65.0	78.8	95.9	113.0	129.0	147.9
-70°	14.3	16.9	22.1	28.1	33.9	41.0	52.4	64.4	76.6	88.6	102.1
-72.5°	11.9	14.1	16.4	18.9	23.6	28.3	32.8	37.2	44.9	54.8	64.3
-75°	10.4	11.3	13.1	15.1	17.1	19.0	21.2	25.0	28.8	32.6	36.4
-77.5°	9.5	10.1	10.9	11.8	12.9	14.6	16.2	17.8	19.3	20.8	22.2
-80°	8.6	8.9	9.3	9.9	10.6	11.3	12.2	13.2	14.2	15.4	16.7
-82.5°	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.5	10.1	10.7	11.4
-85°	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.8	8.0	8.1	8.2
-87.5°	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7	6.7
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.5	3.5	3.5
87.5°	3.5	3.5	3.5	3.5	3.5	3.1	2.7	2.2	1.8	1.8	1.8
85°	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.0	2.6
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.7
80°	4.0	4.0	3.9	3.8	3.5	3.5	3.5	3.5	3.5	3.1	2.7
77.5°	5.3	5.0	4.5	4.1	3.6	3.5	3.5	3.5	3.5	3.1	2.7
75°	5.5	5.1	4.9	4.7	4.4	4.3	4.1	3.9	3.6	3.4	3.4
72.5°	6.8	6.7	6.6	6.7	6.7	6.5	6.2	5.7	5.1	5.0	5.1
70°	10.3	10.6	10.7	10.5	9.9	9.1	8.4	7.7	6.9	6.7	6.9
67.5°	15.7	15.9	15.4	14.3	12.4	10.8	9.9	8.8	7.7	7.3	7.7
65°	22.3	19.6	17.5	15.7	14.0	12.5	11.4	10.2	9.0	8.8	9.9
62.5°	26.6	20.9	17.7	16.1	15.1	14.0	12.4	11.0	9.7	9.0	9.1
60°	30.2	22.2	16.8	15.4	14.0	12.6	11.0	9.6	8.5	7.7	7.5
57.5°	32.0	22.8	15.5	13.4	11.5	9.6	8.8	8.4	7.8	7.1	7.5
55°	30.9	21.1	13.1	11.6	11.0	10.7	10.2	9.4	8.8	8.3	8.6
52.5°	26.4	19.2	13.9	12.1	11.6	11.1	10.5	10.4	10.2	10.0	10.1
50°	23.5	18.0	14.3	12.3	12.2	12.2	12.2	12.4	12.6	12.8	12.9
47.5°	21.0	16.9	16.0	14.0	14.3	15.5	15.7	16.0	16.9	16.8	16.3
45°	20.9	22.5	22.1	20.8	20.1	27.9	28.4	23.8	28.3	27.7	24.3
42.5°	30.7	32.9	33.4	41.1	55.5	54.8	53.4	60.4	55.6	48.6	43.7
40°	47.6	47.6	56.5	69.4	68.9	66.2	75.1	76.2	75.6	79.6	78.4
37.5°	75.8	76.7	80.8	88.5	102.1	95.6	114.9	127.2	129.2	146.3	159.6
35°	126.1	147.8	128.5	174.5	204.7	198.2	226.2	276.1	229.0	350.7	372.6
32.5°	236.4	285.1	322.5	375.1	443.2	543.5	550.9	906.5	977.6	1187.5	1474.4
30°	407.1	548.2	819.4	890.2	999.5	1415.6	1907.6	2523.2	3095.4	3504.1	4041.7
27.5°	980.0	1213.2	1797.4	2432.1	2395.1	3172.5	4932.1	5473.4	6959.1	7453.4	8707.6
25°	2192.0	2750.4	4164.4	5424.7	6066.9	8115.3	10436.8	11483.7	13440.9	14481.6	16017.0
22.5°	4286.6	5818.5	7694.1	9629.3	12040.9	15177.3	18047.1	20141.8	22777.2	24892.9	26145.1
20°	6938.2	9057.9	11946.2	14952.4	18682.6	22802.9	25798.2	30042.2	34005.8	37769.6	39467.3
17.5°	9463.1	13004.7	16499.1	20127.5	25020.6	30410.3	35292.2	41499.2	48071.4	53125.5	57245.6
15°	11602.6	15543.3	20585.1	24921.5	30522.1	37243.2	44500.9	52436.3	61887.9	69071.6	76807.8
12.5°	13577.5	17528.9	22999.2	28178.3	35719.5	43310.5	51780.1	61640.0	72565.9	83192.5	93160.8
10°	14849.0	19403.0	25265.0	31557.1	39282.0	48096.6	57731.0	68776.7	82778.3	94927.1	106157.4
7.5°	15618.2	21112.2	27182.2	33891.5	42161.1	51231.7	61378.2	74399.6	89111.0	101800.8	111889.9
5°	16374.7	22512.5	28419.8	35016.9	44035.1	53265.3	63162.1	76223.8	91397.3	104099.3	113159.2
2.5°	17133.3	23476.5	29099.6	35464.7	45099.2	54414.5	64892.8	78808.4	94060.3	105725.9	113595.9
0°	17826.7	23820.4	29344.1	35577.2	45562.4	54916.5	65584.5	79325.5	96340.1	107559.6	115179.3
-2.5°	18078.2	23801.8	29079.7	35259.6	45175.7	54229.4	64846.8	79655.4	95533.4	106949.8	114687.0
-5°	17313.4	22507.4	27643.7	33903.4	43121.2	52466.6	63155.2	77839.2	92911.5	104730.3	112108.4
-7.5°	15875.3	20568.3	25620.3	31823.3	40198.6	49229.5	58959.6	71785.7	86624.1	97634.5	103445.5
-10°	14370.2	18395.5	23168.0	28909.1	36289.7	44865.9	52931.3	63844.9	77559.3	87320.7	93267.7
-12.5°	12649.6	15916.0	20321.1	25339.1	31927.1	39403.9	46780.8	56011.8	66485.7	76525.5	82716.8
-15°	10843.2	13472.0	17299.5	22114.6	27317.4	32909.8	39731.6	47209.1	55560.7	63698.5	70751.6
-17.5°	9397.4	11426.0	14938.3	19265.6	23232.8	27769.7	34418.6	40497.3	46609.5	53172.7	59048.4
-20°	8467.5	10371.7	13208.7	16821.8	20757.4	25330.7	30468.8	35785.4	41467.1	46506.2	51684.9



REPORT NUMBER: P1306149 (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°	7725.3	9682.4	11871.5	14882.6	19071.6	23273.2	27225.8	31294.4	36008.2	41155.3	45493.7
-25°	6761.1	8813.6	10893.3	13757.4	17284.2	20997.9	23907.9	26804.8	31057.9	35435.2	39021.7
-27.5°	5420.4	7740.9	10169.1	12500.3	15506.7	18147.9	20705.0	23330.5	27039.0	30734.0	33413.7
-30°	3867.9	6548.2	9069.9	11451.9	13516.1	15595.9	17734.5	20422.1	23522.3	26495.3	28773.2
-32.5°	2830.2	4838.6	7565.7	9996.8	12016.8	13757.9	15400.5	17791.8	20217.2	22601.2	24778.4
-35°	1806.0	3273.9	5398.9	7874.6	10246.1	12094.5	13880.4	15613.2	17436.0	19467.8	21351.8
-37.5°	1555.0	1949.7	3255.2	5102.2	7375.0	9790.4	11546.2	13271.2	15131.9	16658.4	18242.3
-40°	1409.3	1615.4	1946.2	2601.3	4317.5	6021.5	7994.2	9839.1	11617.6	13184.5	14632.0
-42.5°	1345.6	1469.0	1602.6	1851.1	2128.1	2945.1	4383.3	5726.6	7309.6	8882.3	10256.1
-45°	1377.9	1420.3	1488.2	1610.4	1723.7	1953.9	2196.3	2449.5	3531.2	4665.4	5637.3
-47.5°	1289.7	1413.3	1479.1	1532.2	1590.5	1690.6	1794.3	1935.3	2179.2	2426.3	2622.2
-50°	1143.3	1275.0	1390.5	1504.6	1559.6	1599.7	1642.4	1725.1	1838.2	1954.6	2040.3
-52.5°	961.2	1088.6	1215.8	1331.3	1425.4	1516.4	1606.3	1673.9	1733.1	1791.6	1819.8
-55°	798.3	904.6	1007.1	1111.1	1213.7	1311.0	1410.7	1512.0	1606.2	1693.2	1736.2
-57.5°	645.3	734.3	822.5	901.8	983.6	1066.8	1159.1	1257.6	1355.0	1446.0	1493.1
-60°	500.0	568.4	640.5	705.2	766.0	822.9	902.6	983.4	1060.7	1126.7	1161.7
-62.5°	365.6	418.6	473.4	524.8	573.5	621.9	681.9	740.3	796.5	841.8	868.3
-65°	253.4	292.9	329.7	365.2	399.7	440.9	486.4	530.1	571.6	602.7	620.2
-67.5°	172.9	196.4	217.0	236.1	260.9	289.9	321.8	351.7	379.7	400.0	413.4
-70°	115.6	128.3	139.6	152.6	168.3	184.2	201.4	218.4	234.9	246.3	253.4
-72.5°	73.3	81.4	89.1	98.1	106.5	114.9	123.3	131.0	138.2	144.8	150.8
-75°	40.3	44.5	50.6	56.3	61.5	67.2	72.6	77.5	81.7	84.5	86.7
-77.5°	24.6	27.4	29.9	32.1	34.1	36.6	39.4	42.3	45.2	47.1	48.6
-80°	17.9	18.7	19.6	20.5	21.4	22.2	22.9	23.4	23.8	24.5	25.2
-82.5°	12.1	12.6	13.1	13.6	14.0	14.8	15.5	16.3	16.9	17.6	18.2
-85°	8.2	8.2	8.2	8.2	8.2	8.7	9.2	9.7	10.2	10.3	10.4
-87.5°	6.8	6.4	6.1	5.7	5.3	5.3	5.2	5.2	5.2	5.3	5.3
-90°	3.5	3.5	3.5	3.5	3.5	3.1	2.7	2.2	1.8	1.8	1.8



REPORT NUMBER: P1306149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.6	3.0	3.4	3.4
82.5°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
80°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.1	3.5	3.5
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	3.9
72.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	5.1	5.7
70°	7.0	7.0	7.1	7.1	7.1	7.0	7.0	6.9	6.7	6.9	7.7
67.5°	8.2	8.8	8.9	8.9	8.9	8.8	8.2	7.7	7.3	7.7	8.8
65°	11.0	12.1	11.6	10.6	11.6	12.1	11.0	9.9	8.8	9.0	10.2
62.5°	9.1	9.0	8.9	8.9	8.9	9.0	9.1	9.1	9.0	9.7	11.0
60°	7.3	7.2	7.1	7.1	7.1	7.2	7.3	7.5	7.7	8.5	9.6
57.5°	8.1	8.6	8.9	8.9	8.9	8.6	8.1	7.5	7.1	7.8	8.4
55°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.3	8.8	9.4
52.5°	10.3	10.5	10.6	10.6	10.6	10.5	10.3	10.1	10.0	10.2	10.4
50°	12.8	12.5	12.4	12.4	12.4	12.5	12.8	12.9	12.8	12.6	12.4
47.5°	16.2	16.0	15.9	16.0	15.9	16.0	16.2	16.3	16.8	16.9	16.0
45°	24.3	23.5	22.9	23.1	22.9	23.5	24.3	24.3	27.7	28.3	23.8
42.5°	46.4	48.0	50.0	53.2	50.0	48.0	46.4	43.7	48.6	55.6	60.4
40°	79.1	76.8	73.9	74.5	73.9	76.8	79.1	78.4	79.6	75.6	76.2
37.5°	164.5	158.3	146.4	138.3	146.4	158.3	164.5	159.6	146.3	129.2	127.2
35°	338.1	330.0	310.6	305.0	310.6	330.0	338.1	372.6	350.7	229.0	276.1
32.5°	1591.2	1773.7	1831.0	1833.6	1831.0	1773.7	1591.2	1474.4	1187.5	977.6	906.5
30°	4083.6	4039.2	3645.2	3239.8	3645.2	4039.2	4083.6	4041.7	3504.1	3095.4	2523.2
27.5°	9827.9	11028.5	11895.7	11614.9	11895.7	11028.5	9827.9	8707.6	7453.4	6959.1	5473.4
25°	17701.0	18550.7	18829.5	18415.4	18829.5	18550.7	17701.0	16017.0	14481.6	13440.9	11483.7
22.5°	27790.2	28300.5	28256.0	27324.3	28256.0	28300.5	27790.2	26145.1	24892.9	22777.2	20141.8
20°	41849.8	41768.4	42186.5	40290.5	42186.5	41768.4	41849.8	39467.3	37769.6	34005.8	30042.2
17.5°	61735.1	65001.1	67487.8	67249.6	67487.8	65001.1	61735.1	57245.6	53125.5	48071.4	41499.2
15°	82858.6	87793.5	91166.6	91385.6	91166.6	87793.5	82858.6	76807.8	69071.6	61887.9	52436.3
12.5°	101220.7	106498.2	109362.9	108927.7	109362.9	106498.2	101220.7	93160.8	83192.5	72565.9	61640.0
10°	112917.8	116980.0	119994.9	120743.8	119994.9	116980.0	112917.8	106157.4	94927.1	82778.3	68776.7
7.5°	117608.3	121410.1	124038.2	123998.7	124038.2	121410.1	117608.3	111889.9	101800.8	89111.0	74399.6
5°	118476.2	122219.5	123707.0	123988.9	123707.0	122219.5	118476.2	113159.2	104099.3	91397.3	76223.8
2.5°	119329.8	122433.3	124050.1	123435.7	124050.1	122433.3	119329.8	113595.9	105725.9	94060.3	78808.4
0°	119663.9	122151.8	123415.3	123024.3	123415.3	122151.8	119663.9	115179.3	107559.6	96340.1	79325.5
-2.5°	119549.5	121186.1	122255.5	121885.8	122255.5	121186.1	119549.5	114687.0	106949.8	95533.4	79655.4
-5°	116490.2	117899.6	118397.9	118670.9	118397.9	117899.6	116490.2	112108.4	104730.3	92911.5	77839.2
-7.5°	106658.9	108511.3	107915.6	108814.1	107915.6	108511.3	106658.9	103445.5	97634.5	86624.1	71785.7
-10°	96933.0	98735.7	98117.2	98696.8	98117.2	98735.7	96933.0	93267.7	87320.7	77559.3	63844.9
-12.5°	87761.8	90029.4	89995.7	90818.1	89995.7	90029.4	87761.8	82716.8	76525.5	66485.7	56011.8
-15°	76735.8	79623.7	81196.5	82205.3	81196.5	79623.7	76735.8	70751.6	63698.5	55560.7	47209.1
-17.5°	65088.5	68802.2	71448.0	71854.7	71448.0	68802.2	65088.5	59048.4	53172.7	46609.5	40497.3
-20°	56134.1	59482.2	61972.4	62775.6	61972.4	59482.2	56134.1	51684.9	46506.2	41467.1	35785.4



REPORT NUMBER: P1306149 (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°	48632.9	51395.9	53196.4	53639.7	53196.4	51395.9	48632.9	45493.7	41155.3	36008.2	31294.4
-25°	41371.5	42916.3	43861.4	44218.3	43861.4	42916.3	41371.5	39021.7	35435.2	31057.9	26804.8
-27.5°	35461.6	36563.5	37035.3	37221.0	37035.3	36563.5	35461.6	33413.7	30734.0	27039.0	23330.5
-30°	30514.4	31360.6	31879.0	32071.4	31879.0	31360.6	30514.4	28773.2	26495.3	23522.3	20422.1
-32.5°	26442.1	27284.2	27830.6	28026.6	27830.6	27284.2	26442.1	24778.4	22601.2	20217.2	17791.8
-35°	22629.0	23325.2	23822.9	24054.4	23822.9	23325.2	22629.0	21351.8	19467.8	17436.0	15613.2
-37.5°	19258.6	19886.7	20301.2	20429.9	20301.2	19886.7	19258.6	18242.3	16658.4	15131.9	13271.2
-40°	15447.4	16014.2	16329.5	16314.1	16329.5	16014.2	15447.4	14632.0	13184.5	11617.6	9839.1
-42.5°	11067.8	11640.2	12044.9	12349.1	12044.9	11640.2	11067.8	10256.1	8882.3	7309.6	5726.6
-45°	6287.8	6758.2	7061.0	7203.0	7061.0	6758.2	6287.8	5637.3	4665.4	3531.2	2449.5
-47.5°	2738.6	2823.9	2866.9	2867.4	2866.9	2823.9	2738.6	2622.2	2426.3	2179.2	1935.3
-50°	2102.4	2156.1	2187.1	2195.3	2187.1	2156.1	2102.4	2040.3	1954.6	1838.2	1725.1
-52.5°	1839.6	1858.2	1866.5	1867.3	1866.5	1858.2	1839.6	1819.8	1791.6	1733.1	1673.9
-55°	1772.6	1803.5	1815.9	1814.1	1815.9	1803.5	1772.6	1736.2	1693.2	1606.2	1512.0
-57.5°	1532.4	1563.2	1581.1	1587.1	1581.1	1563.2	1532.4	1493.1	1446.0	1355.0	1257.6
-60°	1188.9	1208.2	1225.0	1236.0	1225.0	1208.2	1188.9	1161.7	1126.7	1060.7	983.4
-62.5°	889.8	906.1	921.7	932.7	921.7	906.1	889.8	868.3	841.8	796.5	740.3
-65°	632.9	641.0	654.0	665.0	654.0	641.0	632.9	620.2	602.7	571.6	530.1
-67.5°	424.0	431.7	436.5	438.0	436.5	431.7	424.0	413.4	400.0	379.7	351.7
-70°	258.3	261.1	266.7	271.3	266.7	261.1	258.3	253.4	246.3	234.9	218.4
-72.5°	156.2	160.9	160.9	159.6	160.9	160.9	156.2	150.8	144.8	138.2	131.0
-75°	88.3	89.5	90.2	90.4	90.2	89.5	88.3	86.7	84.5	81.7	77.5
-77.5°	49.9	50.9	50.5	49.7	50.5	50.9	49.9	48.6	47.1	45.2	42.3
-80°	25.9	26.5	26.6	26.6	26.6	26.5	25.9	25.2	24.5	23.8	23.4
-82.5°	18.8	19.4	18.6	17.7	18.6	19.4	18.8	18.2	17.6	16.9	16.3
-85°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.4	10.3	10.2	9.7
-87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2
-90°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.4	4.9	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	2.7	3.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.8	3.8	3.7
80°	3.5	3.5	3.5	3.8	3.9	4.0	4.0	4.2	4.5	4.8	4.9
77.5°	3.5	3.5	3.6	4.1	4.5	5.0	5.3	5.2	5.2	5.2	5.2
75°	4.1	4.3	4.4	4.7	4.9	5.1	5.5	5.8	5.9	5.9	5.7
72.5°	6.2	6.5	6.7	6.7	6.6	6.7	6.8	6.9	7.0	7.1	6.7
70°	8.4	9.1	9.9	10.5	10.7	10.6	10.3	9.7	8.8	8.5	7.9
67.5°	9.9	10.8	12.4	14.3	15.4	15.9	15.7	14.8	13.8	12.8	10.1
65°	11.4	12.5	14.0	15.7	17.5	19.6	22.3	22.6	21.4	19.0	13.8
62.5°	12.4	14.0	15.1	16.1	17.7	20.9	26.6	29.7	30.4	26.8	20.2
60°	11.0	12.6	14.0	15.4	16.8	22.2	30.2	36.4	40.6	34.5	26.1
57.5°	8.8	9.6	11.5	13.4	15.5	22.8	32.0	41.9	48.5	39.4	30.8
55°	10.2	10.7	11.0	11.6	13.1	21.1	30.9	41.3	47.0	41.1	31.7
52.5°	10.5	11.1	11.6	12.1	13.9	19.2	26.4	36.8	40.0	35.2	29.6
50°	12.2	12.2	12.2	12.3	14.3	18.0	23.5	31.3	30.9	28.8	24.1
47.5°	15.7	15.5	14.3	14.0	16.0	16.9	21.0	24.5	25.1	23.0	19.5
45°	28.4	27.9	20.1	20.8	22.1	22.5	20.9	23.1	22.7	20.8	16.5
42.5°	53.4	54.8	55.5	41.1	33.4	32.9	30.7	28.9	26.6	22.2	20.0
40°	75.1	66.2	68.9	69.4	56.5	47.6	47.6	40.4	36.2	30.2	28.6
37.5°	114.9	95.6	102.1	88.5	80.8	76.7	75.8	64.3	48.9	53.5	50.3
35°	226.2	198.2	204.7	174.5	128.5	147.8	126.1	102.4	89.4	91.3	82.2
32.5°	550.9	543.5	443.2	375.1	322.5	285.1	236.4	167.7	175.7	162.7	130.5
30°	1907.6	1415.6	999.5	890.2	819.4	548.2	407.1	395.2	315.9	263.0	198.0
27.5°	4932.1	3172.5	2395.1	2432.1	1797.4	1213.2	980.0	797.7	542.4	409.5	312.9
25°	10436.8	8115.3	6066.9	5424.7	4164.4	2750.4	2192.0	1610.3	1022.6	592.8	480.7
22.5°	18047.1	15177.3	12040.9	9629.3	7694.1	5818.5	4286.6	2777.9	1634.0	947.7	681.3
20°	25798.2	22802.9	18682.6	14952.4	11946.2	9057.9	6938.2	4624.3	2764.9	1489.0	894.2
17.5°	35292.2	30410.3	25020.6	20127.5	16499.1	13004.7	9463.1	6554.4	4084.0	2057.0	1112.6
15°	44500.9	37243.2	30522.1	24921.5	20585.1	15543.3	11602.6	8327.3	5590.0	2958.7	1535.7
12.5°	51780.1	43310.5	35719.5	28178.3	22999.2	17528.9	13577.5	10148.7	6958.2	3898.6	1897.2
10°	57731.0	48096.6	39282.0	31557.1	25265.0	19403.0	14849.0	11021.3	7471.4	4561.3	2227.6
7.5°	61378.2	51231.7	42161.1	33891.5	27182.2	21112.2	15618.2	11380.8	7730.3	5030.3	2519.4
5°	63162.1	53265.3	44035.1	35016.9	28419.8	22512.5	16374.7	11491.7	7767.0	5321.7	2764.1
2.5°	64892.8	54414.5	45099.2	35464.7	29099.6	23476.5	17133.3	11568.5	7838.1	5455.3	2845.0
0°	65584.5	54916.5	45562.4	35577.2	29344.1	23820.4	17826.7	11597.2	7884.0	5458.1	2860.3
-2.5°	64846.8	54229.4	45175.7	35259.6	29079.7	23801.8	18078.2	12472.3	8380.3	5722.9	2940.8
-5°	63155.2	52466.6	43121.2	33903.4	27643.7	22507.4	17313.4	12507.8	8495.4	5756.2	2945.1
-7.5°	58959.6	49229.5	40198.6	31823.3	25620.3	20568.3	15875.3	11658.0	7974.5	5249.7	2707.1
-10°	52931.3	44865.9	36289.7	28909.1	23168.0	18395.5	14370.2	10631.0	7304.3	4644.0	2412.8
-12.5°	46780.8	39403.9	31927.1	25339.1	20321.1	15916.0	12649.6	9440.9	6485.0	3956.1	2070.4
-15°	39731.6	32909.8	27317.4	22114.6	17299.5	13472.0	10843.2	8262.8	5765.9	3266.8	1686.9
-17.5°	34418.6	27769.7	23232.8	19265.6	14938.3	11426.0	9397.4	7371.7	5067.6	2752.9	1355.3
-20°	30468.8	25330.7	20757.4	16821.8	13208.7	10371.7	8467.5	6529.7	4249.7	2311.2	1283.1



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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°	27225.8	23273.2	19071.6	14882.6	11871.5	9682.4	7725.3	5657.0	3305.2	1757.1	1192.1
-25°	23907.9	20997.9	17284.2	13757.4	10893.3	8813.6	6761.1	4480.9	2583.8	1410.1	1094.8
-27.5°	20705.0	18147.9	15506.7	12500.3	10169.1	7740.9	5420.4	3242.0	1791.4	1282.5	1059.4
-30°	17734.5	15595.9	13516.1	11451.9	9069.9	6548.2	3867.9	2316.8	1463.5	1167.0	1022.8
-32.5°	15400.5	13757.9	12016.8	9996.8	7565.7	4838.6	2830.2	1609.5	1289.8	1119.0	1025.8
-35°	13880.4	12094.5	10246.1	7874.6	5398.9	3273.9	1806.0	1428.0	1204.7	1081.1	1040.2
-37.5°	11546.2	9790.4	7375.0	5102.2	3255.2	1949.7	1555.0	1312.5	1147.5	1093.3	1009.2
-40°	7994.2	6021.5	4317.5	2601.3	1946.2	1615.4	1409.3	1246.1	1176.9	1074.3	955.0
-42.5°	4383.3	2945.1	2128.1	1851.1	1602.6	1469.0	1345.6	1278.2	1171.4	1025.3	872.6
-45°	2196.3	1953.9	1723.7	1610.4	1488.2	1420.3	1377.9	1251.0	1101.8	937.0	777.4
-47.5°	1794.3	1690.6	1590.5	1532.2	1479.1	1413.3	1289.7	1155.9	984.6	826.0	694.5
-50°	1642.4	1599.7	1559.6	1504.6	1390.5	1275.0	1143.3	1002.5	851.8	719.9	603.6
-52.5°	1606.3	1516.4	1425.4	1331.3	1215.8	1088.6	961.2	844.0	720.2	611.8	512.5
-55°	1410.7	1311.0	1213.7	1111.1	1007.1	904.6	798.3	694.7	599.4	505.1	422.7
-57.5°	1159.1	1066.8	983.6	901.8	822.5	734.3	645.3	559.0	483.0	406.8	333.5
-60°	902.6	822.9	766.0	705.2	640.5	568.4	500.0	433.9	370.4	313.0	254.4
-62.5°	681.9	621.9	573.5	524.8	473.4	418.6	365.6	319.3	272.8	225.5	187.1
-65°	486.4	440.9	399.7	365.2	329.7	292.9	253.4	220.8	191.7	161.0	130.2
-67.5°	321.8	289.9	260.9	236.1	217.0	196.4	172.9	147.9	129.0	113.0	95.9
-70°	201.4	184.2	168.3	152.6	139.6	128.3	115.6	102.1	88.6	76.6	64.4
-72.5°	123.3	114.9	106.5	98.1	89.1	81.4	73.3	64.3	54.8	44.9	37.2
-75°	72.6	67.2	61.5	56.3	50.6	44.5	40.3	36.4	32.6	28.8	25.0
-77.5°	39.4	36.6	34.1	32.1	29.9	27.4	24.6	22.2	20.8	19.3	17.8
-80°	22.9	22.2	21.4	20.5	19.6	18.7	17.9	16.7	15.4	14.2	13.2
-82.5°	15.5	14.8	14.0	13.6	13.1	12.6	12.1	11.4	10.7	10.1	9.5
-85°	9.2	8.7	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.8
-87.5°	5.2	5.3	5.3	5.7	6.1	6.4	6.8	6.7	6.7	6.6	6.6
-90°	2.7	3.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



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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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.9
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.9
82.5°	3.5	3.5	3.5	3.5	3.8	4.0	4.0	4.0	4.2	4.4	4.9
80°	4.4	4.0	3.7	3.6	4.0	4.5	4.7	4.7	4.7	4.8	5.0
77.5°	4.9	4.5	3.9	3.6	4.1	4.5	5.0	5.3	5.2	5.1	5.1
75°	5.3	5.1	4.7	4.3	4.3	4.6	5.0	5.3	5.3	5.3	5.2
72.5°	6.1	5.6	5.3	5.3	5.0	4.9	5.1	5.3	5.3	5.3	5.3
70°	7.0	6.0	5.4	5.3	5.3	5.3	5.2	5.3	5.3	5.3	5.3
67.5°	8.0	7.1	6.1	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	10.7	8.4	7.0	6.1	5.5	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	14.3	9.8	8.0	6.9	5.9	5.4	5.3	5.3	5.3	5.3	5.3
60°	19.3	13.4	9.5	8.1	6.7	5.5	5.3	5.3	5.3	5.3	5.3
57.5°	22.6	16.7	12.7	9.7	8.0	6.3	5.5	5.5	5.3	5.3	5.3
55°	24.1	18.0	15.1	11.8	9.5	7.7	6.1	5.8	5.4	5.3	5.4
52.5°	22.5	18.9	16.5	13.4	10.6	9.1	7.4	6.1	5.8	5.3	5.5
50°	18.7	18.9	17.4	14.7	11.4	9.7	8.6	7.1	6.2	5.4	5.6
47.5°	16.7	18.4	18.0	15.7	12.5	10.4	9.4	8.0	6.7	5.9	5.6
45°	17.5	17.7	18.3	16.6	14.0	11.6	10.0	8.8	7.4	6.5	5.7
42.5°	19.9	19.4	18.5	17.8	15.7	12.9	10.5	9.3	8.0	7.0	6.1
40°	26.2	23.1	20.0	19.6	17.8	14.3	11.6	9.8	8.6	7.6	6.5
37.5°	34.6	29.8	24.4	23.9	20.7	16.5	12.7	10.3	9.2	8.1	7.0
35°	61.0	39.4	38.0	33.7	26.2	19.0	13.8	11.0	9.8	8.6	7.4
32.5°	94.5	71.5	67.2	50.4	33.3	21.7	15.6	12.4	10.5	9.1	7.8
30°	158.1	151.5	109.6	71.5	44.7	28.4	18.7	14.2	11.2	9.5	8.3
27.5°	278.2	257.1	171.4	110.4	65.0	37.0	23.3	16.1	11.9	10.0	8.6
25°	415.3	375.7	275.1	162.2	88.2	58.8	28.6	18.4	13.3	10.6	9.0
22.5°	571.5	500.0	396.1	222.0	135.7	88.0	40.4	22.6	15.0	11.2	9.3
20°	727.2	631.1	524.0	297.3	195.9	128.5	61.4	27.1	16.7	11.8	9.7
17.5°	888.2	739.4	593.1	388.2	258.2	172.3	86.2	31.9	18.6	12.5	10.0
15°	1018.6	810.9	653.5	466.9	316.7	218.5	113.8	36.8	20.4	13.1	10.2
12.5°	1125.5	878.0	709.6	534.1	371.4	266.3	143.4	41.7	22.3	13.6	10.3
10°	1222.4	940.2	761.0	590.7	422.5	314.5	173.8	46.5	24.4	14.2	10.4
7.5°	1308.2	996.9	807.5	637.8	463.8	344.7	192.7	51.0	26.5	14.7	10.5
5°	1375.1	1042.0	837.1	651.6	468.0	352.4	206.9	55.2	28.5	15.2	10.6
2.5°	1398.0	1072.6	854.9	655.8	468.8	355.5	217.8	58.9	30.3	15.6	10.6
0°	1406.2	1095.9	867.1	654.3	466.4	354.7	225.2	62.1	31.9	16.0	10.6
-2.5°	1417.7	1100.8	880.8	681.8	490.1	367.4	237.2	77.4	41.6	21.4	12.5
-5°	1415.8	1098.4	889.0	703.2	509.9	376.9	245.8	91.8	50.9	26.6	14.4
-7.5°	1367.4	1070.8	881.9	715.9	524.8	383.2	251.0	105.0	59.4	31.3	16.1
-10°	1298.7	1025.5	855.6	708.5	535.3	391.2	254.2	116.6	66.9	35.5	17.6
-12.5°	1217.9	975.5	831.1	699.9	542.2	400.6	260.1	127.8	73.5	38.9	18.9
-15°	1125.4	921.8	810.6	691.5	545.7	406.7	261.9	137.3	79.8	42.1	19.8
-17.5°	1030.8	865.1	796.1	684.6	545.9	409.6	259.5	144.2	84.7	45.2	21.2
-20°	999.6	846.5	787.0	680.4	542.9	409.4	253.0	148.3	87.9	47.4	23.0



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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°	973.1	863.6	786.1	673.2	537.7	406.0	242.1	149.3	89.3	48.4	24.2
-25°	944.6	882.1	780.8	654.6	529.4	390.6	235.0	147.0	88.7	48.4	24.9
-27.5°	949.9	892.6	767.1	628.0	504.8	370.1	231.6	146.0	87.1	47.1	24.9
-30°	971.0	871.4	735.0	594.5	475.2	335.7	223.7	142.5	85.5	46.2	24.3
-32.5°	974.7	840.1	690.6	558.1	436.1	300.4	208.1	136.3	82.1	45.5	24.2
-35°	931.2	788.9	637.3	516.0	393.4	277.8	190.0	127.3	77.0	43.8	23.8
-37.5°	882.5	725.7	586.2	468.8	350.0	251.4	174.1	115.6	70.2	41.2	22.9
-40°	807.0	661.9	534.6	420.7	313.9	221.2	155.7	104.2	65.0	37.6	21.4
-42.5°	726.0	600.5	482.5	372.5	276.9	198.0	135.5	91.3	59.0	34.7	19.4
-45°	653.7	536.0	427.1	327.6	237.8	172.0	119.7	78.1	52.1	31.7	17.5
-47.5°	577.5	470.7	370.9	278.8	206.0	145.9	102.3	69.5	44.5	28.0	16.1
-50°	501.3	403.7	313.1	236.1	171.0	124.7	85.6	60.1	39.2	23.5	14.4
-52.5°	422.3	336.0	259.0	192.9	143.2	101.9	74.1	50.3	33.4	20.3	12.4
-55°	342.6	272.2	206.5	156.6	115.7	85.8	61.7	42.7	26.9	17.5	10.4
-57.5°	270.3	209.2	163.8	123.9	93.9	70.6	50.9	34.5	22.5	14.5	10.1
-60°	201.6	162.8	125.5	98.4	75.5	56.3	40.5	27.0	18.6	11.8	9.8
-62.5°	151.0	120.2	98.4	76.4	58.4	43.3	30.5	21.9	14.3	11.1	9.4
-65°	110.7	91.5	72.9	57.2	42.8	31.3	24.1	16.6	12.6	10.4	8.9
-67.5°	78.8	65.0	51.8	38.6	30.5	23.9	17.4	13.8	11.3	9.5	8.5
-70°	52.4	41.0	33.9	28.1	22.1	16.9	14.3	12.0	10.0	9.0	8.0
-72.5°	32.8	28.3	23.6	18.9	16.4	14.1	11.9	10.3	9.4	8.5	7.5
-75°	21.2	19.0	17.1	15.1	13.1	11.3	10.4	9.6	8.8	7.9	7.4
-77.5°	16.2	14.6	12.9	11.8	10.9	10.1	9.5	9.0	8.2	7.7	7.3
-80°	12.2	11.3	10.6	9.9	9.3	8.9	8.6	8.3	7.8	7.4	7.2
-82.5°	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.9
-85°	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.8	6.7	6.5	6.4
-87.5°	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9	5.8
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
85°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
82.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
80°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
77.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
72.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
70°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
67.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3
55°	5.5	5.3	5.3	5.3	5.3	5.3	5.3
52.5°	5.6	5.3	5.3	5.3	5.3	5.3	5.3
50°	5.8	5.5	5.3	5.3	5.3	5.3	5.3
47.5°	6.0	5.7	5.3	5.3	5.3	5.3	5.3
45°	6.1	5.9	5.3	5.3	5.3	5.3	5.3
42.5°	6.2	6.1	5.3	5.3	5.3	5.3	5.3
40°	6.2	6.3	5.4	5.3	5.3	5.3	5.3
37.5°	6.3	6.6	5.6	5.4	5.3	5.3	5.3
35°	6.4	6.7	5.8	5.4	5.3	5.3	5.3
32.5°	6.6	6.8	5.9	5.5	5.3	5.3	5.3
30°	7.0	6.9	6.1	5.6	5.3	5.3	5.3
27.5°	7.3	6.9	6.3	5.7	5.3	5.3	5.3
25°	7.6	7.0	6.5	5.8	5.3	5.3	5.3
22.5°	7.9	7.1	6.7	5.9	5.3	5.3	5.3
20°	8.2	7.1	6.8	6.0	5.3	5.3	5.3
17.5°	8.4	7.1	6.9	6.1	5.3	5.3	5.3
15°	8.5	7.1	7.0	6.3	5.3	5.3	5.3
12.5°	8.6	7.1	7.0	6.4	5.3	5.3	5.3
10°	8.7	7.1	7.1	6.6	5.3	5.3	5.3
7.5°	8.8	7.1	7.1	6.7	5.3	5.3	5.3
5°	8.9	7.1	7.1	6.8	5.3	5.3	5.3
2.5°	8.9	7.1	7.1	7.0	5.3	5.3	5.3
0°	8.9	7.1	7.1	7.1	5.3	5.3	5.3
-2.5°	9.4	7.3	7.1	7.1	5.4	5.3	5.3
-5°	9.8	7.5	7.1	7.1	5.5	5.3	5.3
-7.5°	10.2	7.7	7.1	7.1	5.5	5.3	5.3
-10°	10.5	7.8	7.1	7.0	5.6	5.3	5.3
-12.5°	10.8	8.0	7.1	7.0	5.7	5.3	5.3
-15°	11.0	8.1	7.1	7.0	5.7	5.3	5.3
-17.5°	11.2	8.2	7.1	7.0	5.8	5.3	5.3
-20°	11.6	8.2	7.1	6.9	5.8	5.3	5.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.6	8.2	7.1	6.9	5.9	5.3	5.3
-25°	13.2	8.3	7.1	6.9	5.9	5.3	5.3
-27.5°	13.5	8.5	7.1	6.9	5.9	5.3	5.3
-30°	13.6	8.5	7.1	6.9	6.0	5.3	5.3
-32.5°	13.2	8.4	7.2	6.9	6.0	5.3	5.3
-35°	13.0	8.2	7.3	7.0	6.0	5.3	5.3
-37.5°	12.7	8.0	7.3	7.0	5.9	5.3	5.3
-40°	12.2	8.1	7.4	7.1	5.9	5.3	5.3
-42.5°	11.5	8.1	7.4	7.1	5.9	5.3	5.3
-45°	10.6	8.2	7.4	7.1	5.8	5.3	5.3
-47.5°	9.5	8.1	7.4	7.1	5.8	5.3	5.3
-50°	9.2	8.1	7.4	7.0	5.7	5.3	5.3
-52.5°	9.1	8.0	7.3	6.8	5.6	5.3	5.3
-55°	8.9	7.9	7.3	6.7	5.5	5.3	5.3
-57.5°	8.8	7.8	7.2	6.5	5.4	5.3	5.3
-60°	8.5	7.6	7.1	6.3	5.3	5.3	5.3
-62.5°	8.2	7.4	6.9	6.2	5.3	5.3	5.3
-65°	7.9	7.2	6.8	6.0	5.3	5.3	5.3
-67.5°	7.5	7.0	6.6	5.9	5.3	5.3	5.3
-70°	7.2	6.9	6.5	5.7	5.3	5.3	5.3
-72.5°	7.1	6.8	6.3	5.6	5.3	5.3	5.3
-75°	7.1	6.7	6.2	5.6	5.3	5.3	5.3
-77.5°	7.1	6.6	6.0	5.6	5.3	5.3	5.3
-80°	7.1	6.4	5.9	5.5	5.3	5.3	5.3
-82.5°	6.7	6.2	5.8	5.5	5.3	5.3	5.3
-85°	6.2	5.9	5.6	5.4	5.3	5.3	5.3
-87.5°	5.8	5.6	5.5	5.4	5.3	5.3	5.3
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3

(END OF REPORT)