

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: P1306175 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

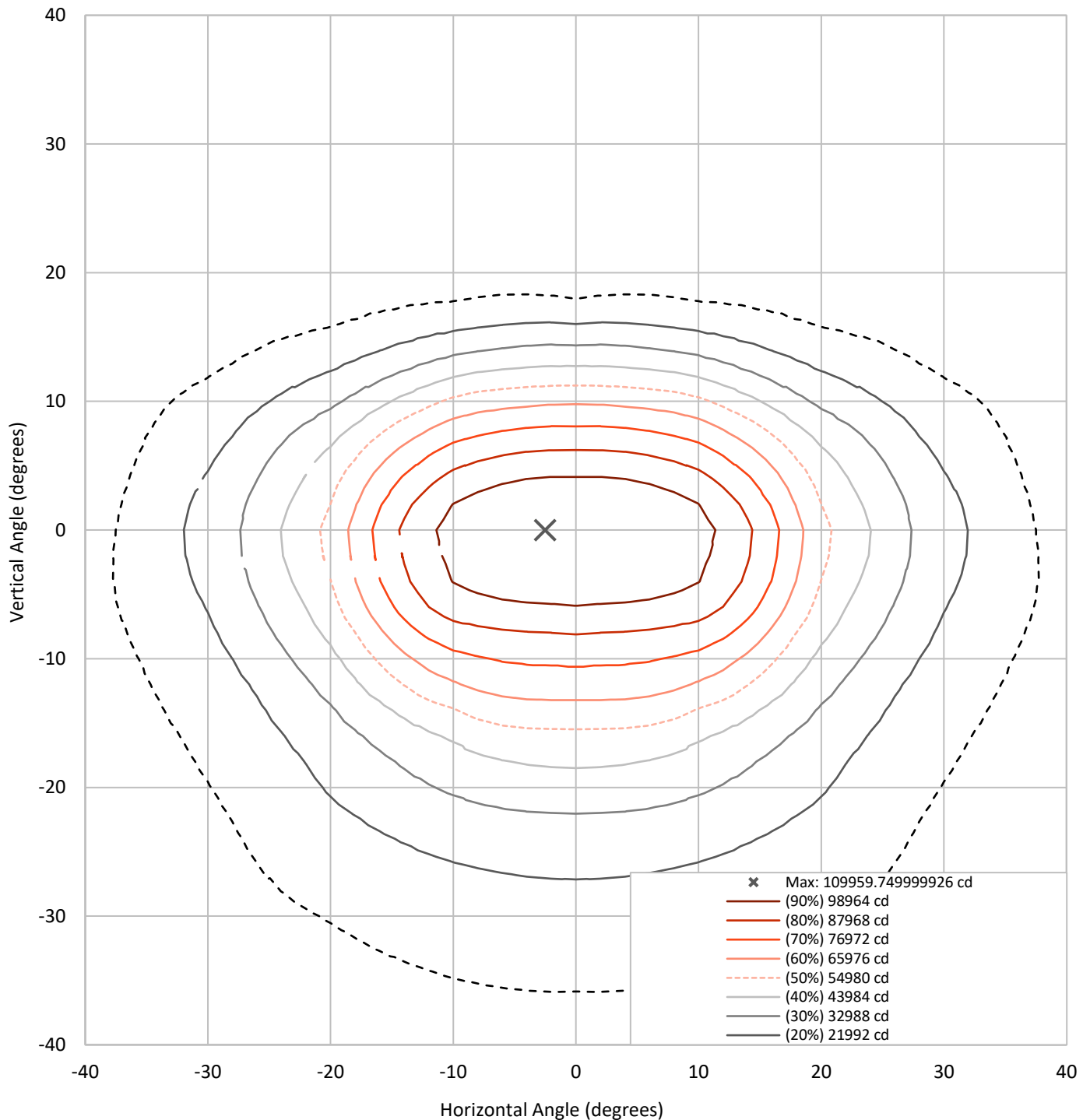
Test Method: LM-79-08
Report Number: P1306175 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	43572.2 lumens	Max Intensity:	109959.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	78.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	21595.4 lumens	Field Lumens:	39059.2 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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





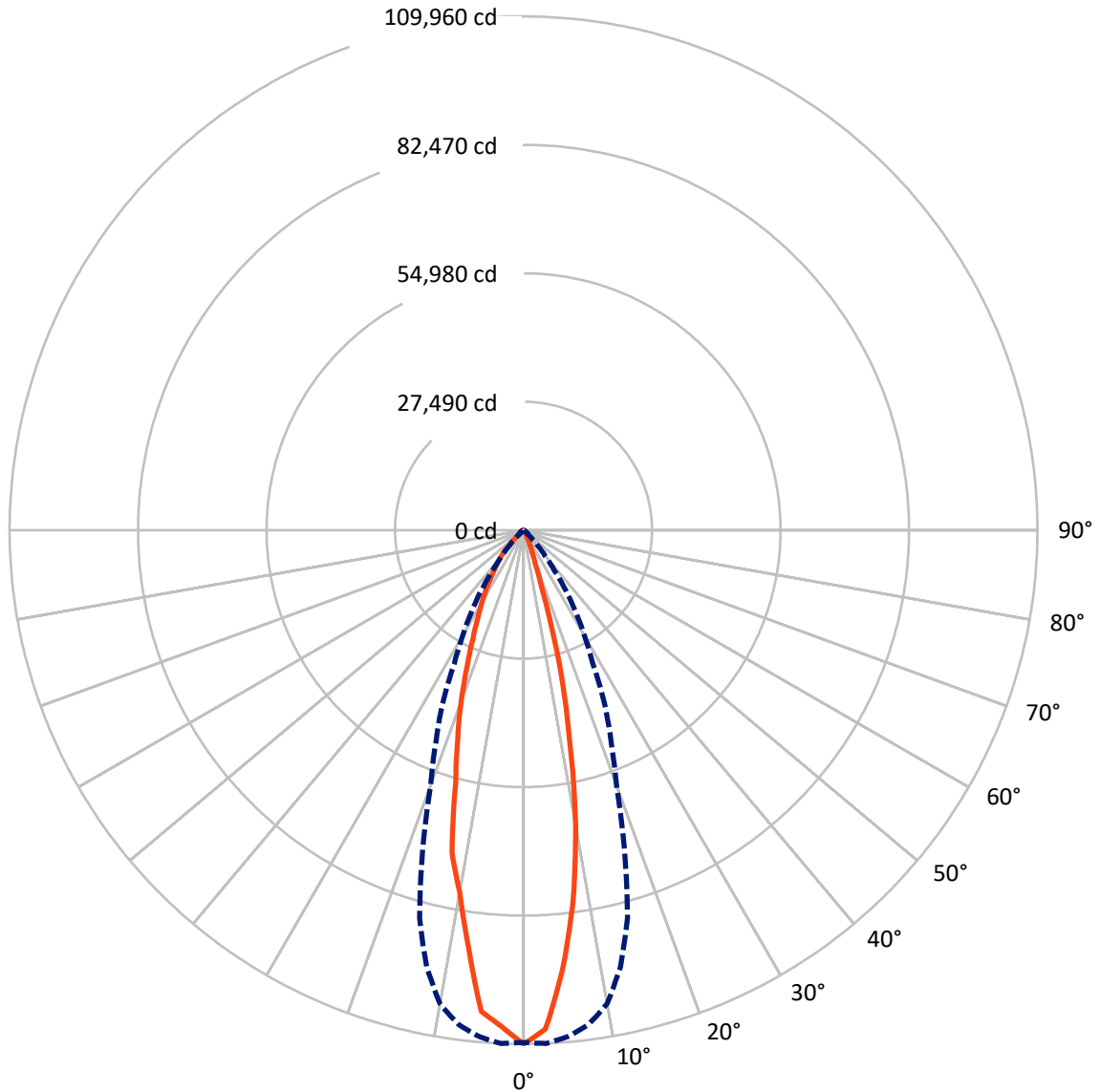
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Lumen Table

90	0.2	0.5	0.7	0.7	0.4	0.7	0.7	0.5	0.2									
80	0.2	0.5	0.7	0.7	0.4	0.7	0.7	0.5	0.2									
70	0.2	0.1	0.2	0.4	0.5	0.4	0.2	0.2	0.2	0.2	0.4	0.5	0.4	0.2	0.1	0.2		
60		0.1	0.2	0.6	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.6	0.6	0.2	0.1			
50	0.2	0.1	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.1	0.2		
40		0.2	0.4	0.8	1.6	3.6	5.7	7.7	7.7	5.7	3.6	1.6	0.8	0.4	0.2			
30	0.2	0.3	1.2	3.1	14.1	32.1	60.3	85.5	85.5	60.3	32.1	14.1	3.1	1.2	0.3	0.2		
20		0.8	4.3	19.1	110.7	294.1	604.3	894.7	894.7	604.3	294.1	110.7	19.1	4.3	0.8			
10	0.3	1.4	9.2	57.3	324.0	922.9	1983.6	2732.4	2732.4	1983.6	922.9	324.0	57.3	9.2	1.4	0.3		
0		1.9	11.3	71.0	370.0	1009.6	2217.6	2945.9	2945.9	2217.6	1009.6	370.0	71.0	11.3	1.9			
-10	0.3	2.0	10.1	45.5	235.2	606.6	1229.2	1711.6	1711.6	1229.2	606.6	235.2	45.5	10.1	2.0	0.3		
-20		1.9	8.4	21.2	123.8	346.6	605.8	784.0	784.0	605.8	346.6	123.8	21.2	8.4	1.9			
-30	0.3	1.5	6.3	13.8	41.3	157.8	281.5	358.7	358.7	281.5	157.8	41.3	13.8	6.3	1.5	0.3		
-40		0.9	4.0	10.3	18.7	33.9	74.4	109.3	109.3	74.4	33.9	18.7	10.3	4.0	0.9			
-50	0.2	0.5	1.9	5.5	11.0	17.4	22.3	25.1	25.1	22.3	17.4	11.0	5.5	1.9	0.5	0.2		
-60		0.2	0.7	1.9	3.9	6.5	9.2	10.8	10.8	9.2	6.5	3.9	1.9	0.7	0.2			
-70	0.2	0.5	1.9	5.5	11.0	17.4	22.3	25.1	25.1	22.3	17.4	11.0	5.5	1.9	0.5	0.2		
-80		0.2	0.7	1.9	3.9	6.5	9.2	10.8	10.8	9.2	6.5	3.9	1.9	0.7	0.2			
-90	0.2	0.6	2.0	5.2	7.0	5.2	2.0	0.6	0.2									

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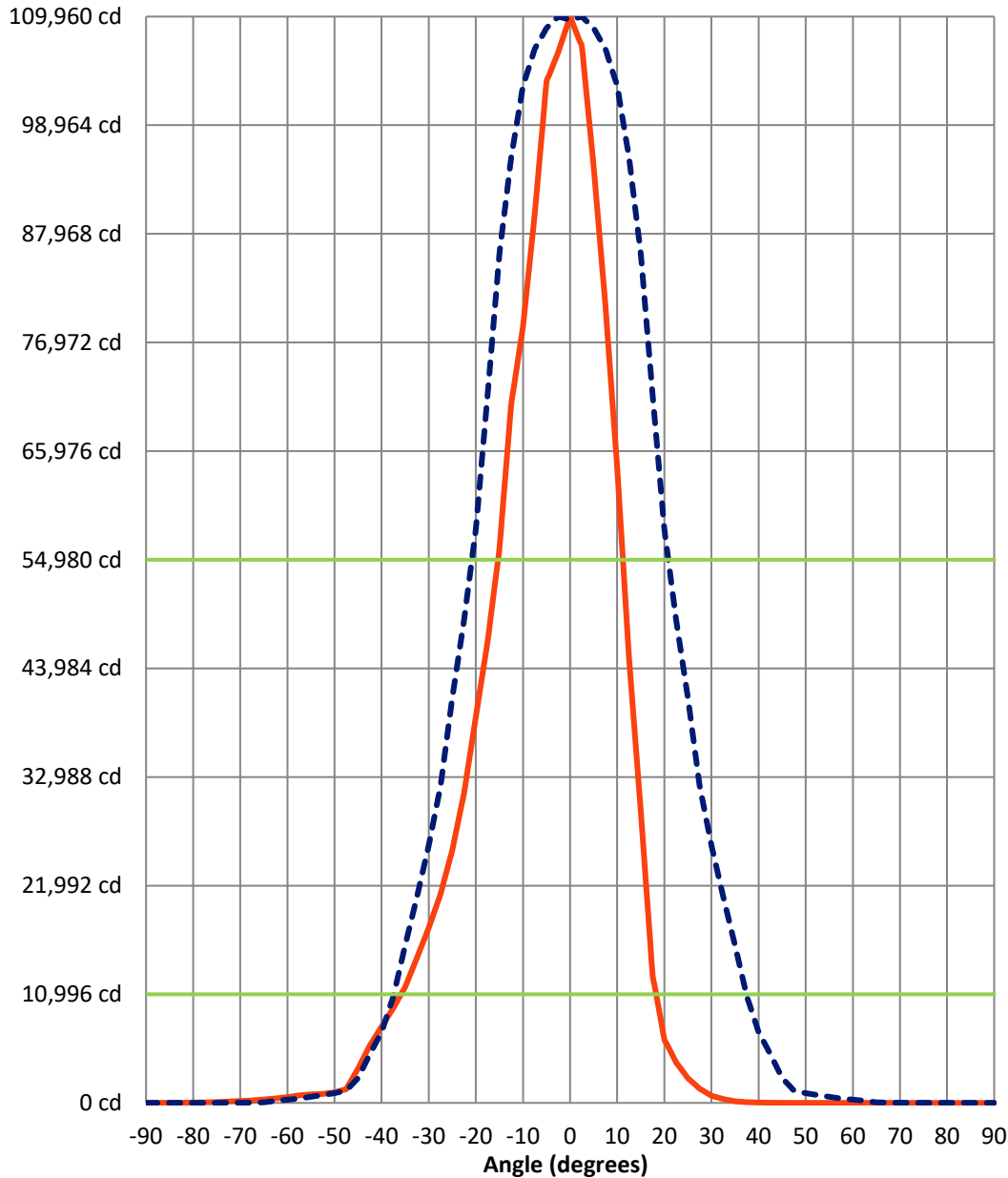
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 21595.4
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 39059.2
 Efficiency: 89.6%

Spill:
 Lumens: 4513
 Efficiency: 10.4%

— 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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1	7.0	6.9	6.7
85°	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.4	7.3	7.0	6.7
82.5°	6.7	6.8	7.1	7.3	7.5	7.7	7.9	7.8	7.5	7.3	7.1
80°	6.7	6.8	7.2	7.5	7.8	8.1	8.3	8.0	7.8	7.8	7.8
77.5°	6.7	6.9	7.4	7.7	8.1	8.3	8.3	8.1	8.1	8.2	8.3
75°	6.7	6.9	7.5	7.9	8.3	8.3	8.3	8.2	8.3	8.3	8.3
72.5°	6.7	6.9	7.6	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3
70°	6.7	7.0	7.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
67.5°	6.7	7.0	7.8	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
65°	6.7	7.0	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
62.5°	6.7	7.0	8.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
60°	6.7	7.0	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
57.5°	6.7	7.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
55°	6.7	7.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
52.5°	6.7	7.1	8.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
50°	6.7	7.1	8.0	8.3	8.3	8.3	8.3	8.4	8.3	8.3	8.8
47.5°	6.7	7.1	8.0	8.3	8.3	8.3	8.3	8.5	8.3	8.3	9.4
45°	6.7	7.1	8.0	8.3	8.3	8.3	8.5	8.7	8.5	8.8	9.9
42.5°	6.7	7.1	8.0	8.3	8.3	8.3	8.6	8.9	8.7	9.2	10.5
40°	6.7	7.1	8.0	8.3	8.3	8.3	8.8	9.1	9.1	9.7	11.1
37.5°	6.7	7.1	8.0	8.3	8.3	8.3	9.0	9.4	9.7	10.4	11.5
35°	6.7	7.1	8.1	8.3	8.3	8.4	9.3	9.7	10.2	11.1	11.9
32.5°	6.7	7.1	8.1	8.3	8.3	8.6	9.5	10.0	10.8	11.9	12.9
30°	6.7	7.0	8.1	8.3	8.3	8.8	9.8	10.4	11.4	12.8	14.1
27.5°	6.7	7.0	8.1	8.3	8.3	9.0	10.1	10.9	12.0	13.6	15.6
25°	6.7	7.0	8.1	8.3	8.3	9.2	10.4	11.3	12.7	14.7	17.3
22.5°	6.7	7.0	8.1	8.3	8.3	9.3	10.7	11.8	13.4	16.0	20.3
20°	6.7	7.0	8.2	8.3	8.3	9.5	11.0	12.2	14.1	17.4	23.7
17.5°	6.7	6.9	8.2	8.3	8.3	9.6	11.2	12.6	14.8	18.8	27.4
15°	6.7	6.9	8.2	8.3	8.3	9.7	11.3	12.9	15.6	20.3	31.4
12.5°	6.7	6.9	8.2	8.3	8.3	9.8	11.5	13.0	16.2	21.8	35.5
10°	6.7	6.8	8.3	8.3	8.3	9.9	11.5	13.1	16.7	23.7	40.0
7.5°	6.7	6.8	8.3	8.3	8.3	9.9	11.6	13.2	17.1	25.8	45.3
5°	6.7	6.8	8.3	8.3	8.3	10.0	11.7	13.3	17.6	27.9	50.5
2.5°	6.7	6.7	8.3	8.3	8.3	10.0	11.7	13.3	18.0	29.9	55.5
0°	6.7	6.7	8.3	8.3	8.3	10.0	11.7	13.3	18.3	31.7	60.0
-2.5°	6.7	6.7	8.3	8.3	8.4	10.2	11.9	14.9	22.8	39.8	73.3
-5°	6.7	6.8	8.3	8.3	8.6	10.3	12.1	16.4	27.1	47.5	85.7
-7.5°	6.7	6.8	8.3	8.3	8.7	10.5	12.3	17.7	31.0	54.6	96.9
-10°	6.7	6.8	8.3	8.3	8.9	10.6	12.4	18.9	34.4	60.9	106.7
-12.5°	6.7	6.9	8.2	8.3	9.0	10.7	12.5	19.8	37.3	66.3	114.3
-15°	6.7	6.9	8.2	8.3	9.1	10.8	12.6	20.4	39.6	70.8	119.8
-17.5°	6.7	6.9	8.2	8.3	9.1	10.9	12.7	21.3	41.6	74.0	123.6
-20°	6.7	7.0	8.2	8.3	9.2	11.0	13.1	22.5	42.8	76.0	125.4



REPORT NUMBER: P1306175 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.7	7.0	8.1	8.3	9.2	11.0	13.9	23.2	43.2	76.4	125.0
-25°	6.7	7.0	8.1	8.3	9.2	11.0	14.4	23.6	42.6	75.4	122.5
-27.5°	6.7	7.0	8.1	8.3	9.2	11.0	14.6	23.6	41.2	73.5	121.0
-30°	6.7	7.0	8.1	8.3	9.1	11.0	14.5	23.1	40.2	71.6	117.5
-32.5°	6.7	7.1	8.1	8.3	9.0	10.8	14.1	22.9	39.6	68.5	111.8
-35°	6.7	7.1	8.1	8.3	8.9	10.6	13.8	22.5	38.3	64.0	103.9
-37.5°	6.7	7.1	8.0	8.3	8.8	10.4	13.5	21.5	36.4	58.1	93.1
-40°	6.7	7.1	8.0	8.3	8.6	10.2	13.1	20.0	33.9	54.2	82.9
-42.5°	6.7	7.1	8.0	8.3	8.6	10.0	12.6	18.0	31.3	49.3	72.0
-45°	6.7	7.1	8.0	8.4	8.7	9.9	12.0	16.2	28.4	43.7	61.1
-47.5°	6.7	7.1	8.0	8.4	8.7	9.6	11.2	15.3	24.6	37.6	54.2
-50°	6.7	7.1	8.0	8.4	8.8	9.4	10.8	14.2	19.9	32.1	46.6
-52.5°	6.7	7.1	8.0	8.4	8.8	9.2	10.6	12.9	17.2	26.4	38.6
-55°	6.7	7.1	8.1	8.4	8.8	9.2	10.3	11.6	15.4	20.3	31.7
-57.5°	6.7	7.1	8.1	8.4	8.9	9.3	10.0	11.2	13.6	17.3	24.5
-60°	6.7	7.0	8.1	8.4	8.9	9.3	9.7	10.8	12.0	15.2	18.7
-62.5°	6.7	7.0	8.0	8.4	8.9	9.3	9.7	10.4	11.6	13.0	16.2
-65°	6.7	7.0	7.9	8.4	8.8	9.4	9.8	10.1	11.1	12.1	13.7
-67.5°	6.7	7.0	7.8	8.3	8.7	9.3	9.8	10.1	10.6	11.6	12.6
-70°	6.7	7.0	7.7	8.3	8.6	9.1	9.9	10.1	10.5	11.1	12.0
-72.5°	6.7	6.9	7.6	8.1	8.5	8.9	9.5	10.0	10.3	10.7	11.4
-75°	6.7	6.9	7.5	7.9	8.3	8.6	9.2	9.6	10.0	10.3	10.8
-77.5°	6.7	6.9	7.4	7.7	8.1	8.4	8.8	9.1	9.5	9.8	10.2
-80°	6.7	6.8	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.5
-82.5°	6.7	6.8	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.8
-85°	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9	8.1
-87.5°	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.4
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7



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 CATALOG NUMBER: EPH-08-530N-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
82.5°	7.2	7.1	7.0	6.7	6.7	6.7	6.7	6.9	7.0	6.9	6.9
80°	7.8	7.6	7.3	7.2	7.4	7.6	7.8	8.0	7.9	7.6	7.2
77.5°	8.1	7.9	7.9	8.1	8.3	8.3	8.3	8.3	8.0	7.6	7.2
75°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.6	8.7	8.6	8.5
72.5°	8.3	8.3	8.3	8.3	8.3	8.6	9.0	9.6	10.0	9.9	9.8
70°	8.3	8.3	8.3	8.3	8.4	9.0	9.9	10.7	11.3	11.5	12.2
67.5°	8.3	8.3	8.3	8.4	9.0	10.0	10.9	12.5	14.4	15.3	16.4
65°	8.3	8.3	8.5	9.1	9.9	11.1	12.9	15.1	19.5	22.0	23.0
62.5°	8.3	8.4	8.9	9.7	10.8	12.3	15.6	20.5	26.7	30.3	30.0
60°	8.3	8.5	9.4	10.5	11.8	14.3	19.0	25.5	33.9	40.0	36.1
57.5°	8.3	8.9	10.1	11.5	13.4	15.7	21.7	29.8	38.1	47.3	40.4
55°	8.5	9.5	11.0	13.1	15.0	17.0	22.8	29.9	39.3	44.3	37.7
52.5°	9.2	10.3	12.4	14.4	16.3	17.6	20.3	27.1	32.1	35.8	32.2
50°	9.8	11.6	13.6	15.3	16.6	16.6	15.9	21.1	25.1	26.4	26.1
47.5°	10.7	12.7	14.2	15.7	16.0	15.6	14.0	16.5	19.3	20.6	19.7
45°	11.6	13.3	14.8	15.3	15.6	15.0	14.4	13.7	16.8	17.4	16.6
42.5°	12.3	13.8	14.9	15.1	15.7	16.0	15.9	15.4	15.8	16.3	16.1
40°	12.7	14.2	15.2	16.5	16.8	18.2	19.3	19.1	16.3	18.0	18.3
37.5°	13.1	14.7	16.5	19.9	19.4	21.8	23.6	26.0	23.7	22.3	24.9
35°	13.4	15.4	21.0	25.1	25.2	26.7	32.5	35.4	33.6	31.8	35.1
32.5°	13.9	16.3	26.9	31.2	33.5	35.9	44.1	45.7	47.2	48.1	50.7
30°	15.4	21.7	33.6	38.0	43.2	52.1	56.5	57.9	64.0	72.2	94.4
27.5°	18.6	28.7	40.1	46.8	55.1	70.4	76.2	76.9	87.1	108.4	161.9
25°	22.4	45.5	46.9	56.9	72.3	90.7	102.6	114.1	117.9	182.2	309.8
22.5°	31.5	67.0	74.6	67.7	90.8	114.4	139.7	172.0	220.9	295.0	484.4
20°	47.3	90.5	108.9	113.7	119.4	141.3	182.8	247.8	400.6	664.3	915.9
17.5°	65.6	117.7	147.4	171.5	198.8	207.6	234.5	338.3	627.3	1190.8	1850.1
15°	85.8	147.7	189.0	236.4	286.6	325.2	381.5	543.7	1009.7	1918.0	3050.2
12.5°	107.1	179.8	232.9	306.5	380.8	449.9	555.6	902.3	1686.2	2946.1	4663.5
10°	128.9	213.3	278.3	380.3	479.7	579.6	736.1	1312.8	2486.2	4041.7	6133.2
7.5°	152.8	246.1	323.5	455.9	581.0	712.0	919.4	1754.3	3314.7	5053.7	7406.5
5°	176.2	276.7	363.6	516.6	663.9	826.9	1085.9	2202.0	4136.7	5977.0	8560.8
2.5°	197.8	305.5	402.3	571.7	732.1	910.9	1177.3	2386.7	4610.0	6658.3	9698.7
0°	216.8	331.9	438.7	622.2	795.6	989.1	1257.7	2520.3	4935.6	7180.7	10808.6
-2.5°	225.1	342.0	456.8	637.5	793.0	976.6	1258.1	2564.6	5214.6	7801.2	11369.1
-5°	230.1	349.2	471.2	647.5	786.7	958.1	1245.9	2545.1	5260.4	7944.6	11147.7
-7.5°	232.3	353.3	481.5	649.7	770.6	921.6	1190.1	2359.2	4761.8	7286.7	10109.4
-10°	231.6	352.2	477.3	629.4	741.3	872.8	1115.7	2114.2	4184.5	6544.1	9005.8
-12.5°	227.4	346.5	467.9	607.1	712.7	821.5	1030.1	1812.7	3551.7	5739.3	7949.4
-15°	221.5	338.6	455.5	583.9	686.2	768.8	933.8	1456.6	2892.3	5017.2	7101.2
-17.5°	214.1	328.6	440.1	560.7	663.1	715.7	830.8	1100.3	2302.5	4243.8	6247.1
-20°	205.6	316.7	421.9	538.3	641.7	680.7	776.0	992.1	1820.6	3381.9	5320.0



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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°	196.4	303.0	402.9	514.8	610.7	662.5	728.0	877.5	1298.3	2438.3	4318.7
-25°	190.7	288.5	384.4	483.9	579.8	645.1	678.8	767.6	981.6	1839.9	3262.5
-27.5°	187.0	274.2	359.4	450.6	549.3	623.7	651.4	712.5	862.7	1219.2	2269.5
-30°	180.4	252.2	332.2	416.6	512.0	589.5	634.0	669.9	760.6	955.8	1556.7
-32.5°	167.0	228.7	305.0	384.7	470.9	556.8	620.9	655.5	714.2	815.1	1016.9
-35°	151.1	209.4	277.1	350.8	428.4	516.7	592.0	649.0	676.8	746.4	875.7
-37.5°	136.4	188.6	247.9	316.9	389.7	471.1	558.9	623.3	669.2	701.2	793.5
-40°	120.2	166.6	222.2	283.9	350.6	425.2	506.7	586.4	647.6	700.7	741.8
-42.5°	103.4	147.2	196.8	249.8	312.7	380.2	452.2	531.6	610.5	682.3	737.7
-45°	90.5	126.4	170.8	220.2	273.8	334.5	400.8	470.1	552.4	635.0	706.8
-47.5°	76.8	106.1	146.2	188.7	236.7	290.1	348.1	413.3	482.9	562.7	647.0
-50°	63.8	90.2	119.6	158.8	200.4	246.7	298.0	355.2	417.6	483.9	557.2
-52.5°	54.6	73.5	99.2	128.8	165.7	205.3	250.0	299.2	353.2	409.6	469.1
-55°	44.6	60.8	79.4	103.7	132.0	166.5	204.0	246.9	290.2	340.4	385.9
-57.5°	35.6	48.8	63.5	81.2	104.1	129.2	162.2	196.4	235.2	274.4	308.0
-60°	27.2	37.9	50.3	63.7	78.6	100.2	122.3	150.8	182.2	212.2	241.1
-62.5°	19.5	28.2	38.2	49.2	61.4	73.8	92.0	112.0	132.0	157.3	180.5
-65°	16.7	20.0	27.3	36.5	45.8	57.5	69.0	79.8	96.7	113.0	128.3
-67.5°	13.8	16.5	19.7	24.3	32.8	42.3	51.8	62.0	71.7	80.1	89.6
-70°	12.7	13.2	15.4	18.3	22.1	28.0	36.5	45.0	53.3	61.4	68.9
-72.5°	12.0	12.4	12.9	13.3	16.2	20.3	24.7	29.4	35.2	41.7	48.4
-75°	11.3	11.7	12.0	12.4	13.3	14.8	16.9	20.7	24.3	27.6	30.7
-77.5°	10.5	10.8	11.1	11.4	12.1	13.0	14.2	15.7	17.5	19.5	21.5
-80°	9.7	10.0	10.2	10.5	10.9	11.4	12.0	12.7	13.8	15.2	16.7
-82.5°	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.4	10.8	11.5	12.2
-85°	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.0	9.1	9.2	9.3
-87.5°	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.7	7.1	7.5	7.9	8.3	9.5	10.8	12.0	13.3	12.9	12.5
87.5°	6.7	6.3	5.9	5.4	5.0	4.6	4.2	3.7	3.3	2.9	2.5
85°	6.7	6.6	6.5	6.4	6.4	6.0	5.7	5.3	4.9	4.1	3.3
82.5°	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.0	4.2	3.4
80°	6.8	6.7	6.7	6.7	6.7	6.3	5.9	5.5	5.0	4.2	3.4
77.5°	6.9	7.0	7.0	6.9	6.7	6.4	5.9	5.5	5.1	4.3	3.4
75°	8.3	8.1	7.8	7.4	6.9	6.4	6.0	5.5	5.1	4.6	4.1
72.5°	9.7	9.4	8.9	8.6	8.2	7.8	7.5	7.0	6.5	6.1	5.7
70°	12.8	13.1	12.8	12.2	11.2	10.2	9.6	8.9	8.2	7.5	6.7
67.5°	17.3	17.4	16.5	15.2	13.2	11.4	10.5	9.6	8.7	8.2	8.1
65°	22.7	20.7	18.7	16.4	13.9	11.6	10.6	9.7	8.8	8.3	8.3
62.5°	27.7	22.4	18.0	15.3	13.2	11.5	10.3	9.1	8.0	7.2	7.0
60°	29.8	21.2	15.2	13.3	11.6	10.2	9.0	8.0	7.2	6.6	6.2
57.5°	29.8	20.1	12.8	11.1	9.8	8.7	8.0	7.6	7.1	6.7	6.2
55°	27.1	17.9	10.6	9.6	9.1	8.6	8.1	7.7	7.2	6.7	6.2
52.5°	22.2	15.8	11.3	9.7	9.2	8.7	8.2	7.8	7.3	6.8	6.3
50°	19.2	14.4	11.5	9.9	9.4	8.9	8.4	8.2	8.2	7.9	7.5
47.5°	16.6	13.2	11.4	10.1	9.9	10.5	11.1	11.2	11.0	10.6	10.2
45°	14.6	12.7	11.8	12.3	12.9	13.9	14.5	14.6	14.5	14.6	14.5
42.5°	14.5	14.5	15.5	17.2	17.0	19.2	20.3	17.9	20.5	22.0	20.7
40°	19.2	19.6	24.3	28.0	31.4	32.0	37.4	38.2	38.9	41.2	41.7
37.5°	28.1	33.0	47.3	57.9	62.4	62.8	70.7	72.3	70.0	79.7	82.5
35°	43.0	65.3	88.3	101.7	109.2	114.8	125.5	137.8	132.0	153.2	160.6
32.5°	77.2	117.9	159.8	158.3	172.5	210.6	224.7	247.1	270.4	306.2	345.4
30°	129.9	239.9	288.4	270.8	310.8	365.1	365.5	427.8	514.8	588.6	699.8
27.5°	292.7	415.8	479.3	507.7	538.1	606.7	691.7	771.1	992.3	1143.4	1302.4
25°	496.8	666.9	734.8	840.4	936.2	999.8	1256.8	1444.3	1762.3	1993.0	2231.9
22.5°	801.1	1025.9	1166.7	1262.2	1585.0	1871.9	2146.5	2554.9	2870.7	3266.6	3564.9
20°	1182.1	1485.7	2002.8	2408.6	2611.3	3220.9	3717.5	4139.6	4699.7	5190.6	5627.3
17.5°	2230.5	2401.1	3481.5	4538.8	4966.2	5754.4	7182.0	7720.7	9333.1	10513.8	11151.4
15°	4038.7	4863.7	6001.7	7764.4	9719.8	11264.5	12617.7	15389.1	18465.7	21193.0	24064.4
12.5°	6386.4	7999.9	9915.0	12071.3	15594.4	18390.0	21384.5	25345.1	30315.1	34640.7	39729.3
10°	8738.4	11464.6	14111.9	17471.9	21922.1	26238.5	30551.5	36824.4	44125.0	51134.3	57194.8
7.5°	10683.0	14378.9	17966.6	22611.6	28673.2	34687.1	40715.2	49012.0	58667.3	66667.0	73544.2
5°	12662.3	17290.8	21499.3	26856.4	33990.4	41315.0	48858.8	59204.1	70608.8	79667.2	86762.7
2.5°	14479.8	19724.5	24595.6	30569.0	38513.5	45679.9	54267.1	66967.3	80556.8	90328.9	98151.2
0°	15947.7	20863.2	26067.4	32078.8	40999.2	48898.8	58101.1	71720.2	85939.9	95703.4	102921.7
-2.5°	15631.7	20603.7	25469.3	31576.9	40532.6	47805.1	57121.4	70521.2	84570.1	94489.8	100972.9
-5°	14645.3	19045.9	23414.5	29150.6	37025.9	44112.6	53236.1	67009.9	80485.9	90601.4	98061.2
-7.5°	13186.7	16923.1	20885.6	26112.3	32967.4	39746.5	47681.8	58659.0	71236.7	80386.6	85793.6
-10°	11651.1	14744.7	18455.6	22872.7	28530.3	34619.1	41209.2	50002.7	60750.2	68774.3	73903.8
-12.5°	10305.1	12985.4	16295.9	19562.8	24178.7	29601.7	35453.5	42649.4	49741.1	58202.6	62637.4
-15°	9065.2	11299.3	14144.0	17276.3	21112.1	25374.3	29567.3	34955.2	39573.4	44858.8	48698.9
-17.5°	8027.9	9812.1	12332.6	15368.2	18256.5	21926.6	25927.9	29577.6	33482.1	37297.4	40481.9
-20°	7090.4	8562.5	10711.6	13384.3	16230.0	19350.9	22881.8	25852.6	29043.0	31942.3	34433.1



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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°	6024.9	7517.7	9182.1	11468.9	14318.8	17116.8	19731.4	21976.5	24387.4	26730.2	28498.9
-25°	4916.1	6348.8	7942.3	10100.4	12435.0	14789.3	16641.0	18221.7	20103.6	21791.8	23309.5
-27.5°	3769.5	5297.0	7015.8	8818.3	10848.9	12345.1	13903.4	15332.9	16763.1	17899.0	19180.8
-30°	2620.6	4287.4	5977.8	7683.8	9074.7	10269.0	11431.2	12742.2	14036.3	15115.9	16020.6
-32.5°	1799.6	3001.9	4707.7	6294.2	7483.1	8498.1	9395.8	10513.7	11516.5	12405.1	13196.6
-35°	1080.9	1927.9	3099.1	4606.9	5907.8	6895.3	7809.6	8657.3	9405.8	10154.2	10749.6
-37.5°	926.0	1113.6	1824.0	2826.6	4064.6	5259.6	6199.1	6992.5	7690.0	8266.3	8771.5
-40°	833.8	944.8	1100.1	1442.2	2353.8	3266.4	4291.7	5196.1	5931.8	6473.1	6912.7
-42.5°	779.5	850.6	926.6	1048.4	1183.9	1617.2	2401.6	3150.9	3797.4	4397.0	4911.7
-45°	770.2	800.3	841.2	909.9	972.4	1084.7	1207.3	1327.1	1835.6	2317.6	2713.0
-47.5°	712.4	773.9	811.4	842.2	874.9	928.0	979.8	1035.3	1127.8	1214.6	1289.1
-50°	628.3	694.4	751.0	806.5	835.6	857.1	878.5	906.1	942.1	975.1	1005.4
-52.5°	525.0	588.6	652.2	711.2	757.4	799.8	838.0	855.8	869.5	881.8	891.6
-55°	433.3	483.5	533.6	587.6	640.9	691.7	735.5	764.5	790.5	813.6	833.3
-57.5°	346.9	386.0	426.8	470.7	513.3	554.2	593.3	628.8	660.5	688.0	711.1
-60°	268.7	295.1	329.2	364.0	397.1	428.6	460.2	488.9	515.0	537.8	555.8
-62.5°	201.6	223.5	249.4	273.9	295.7	319.1	348.7	373.4	393.7	410.1	424.6
-65°	144.8	163.1	183.9	204.5	224.7	244.8	265.4	285.3	304.3	319.5	330.2
-67.5°	102.8	115.8	130.4	143.2	158.3	175.9	194.5	211.7	227.3	238.0	244.5
-70°	75.8	83.4	94.0	106.2	118.8	130.5	142.4	154.3	166.0	174.3	180.5
-72.5°	55.3	62.8	70.6	78.5	87.0	95.6	104.3	113.1	121.9	127.3	131.1
-75°	33.5	37.9	44.7	51.3	57.7	63.7	69.3	74.6	79.6	82.1	83.8
-77.5°	24.1	27.2	30.5	33.9	37.4	41.0	44.5	48.0	51.5	53.1	54.3
-80°	18.4	20.1	22.0	24.0	26.0	28.2	30.3	32.5	34.7	35.1	35.1
-82.5°	13.0	14.3	15.6	16.8	18.0	19.3	20.4	21.6	22.7	22.9	23.1
-85°	9.4	10.1	11.0	11.8	12.7	13.6	14.5	15.4	16.3	16.5	16.5
-87.5°	8.0	8.5	8.9	9.4	9.8	10.4	10.8	11.3	11.8	11.7	11.7
-90°	6.7	6.3	5.9	5.4	5.0	4.6	4.2	3.7	3.3	2.9	2.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	12.1	11.7	11.7	11.7	11.7	11.7	12.1	12.5	12.9	13.3	12.0
87.5°	2.1	1.7	0.9	0.0	0.9	1.7	2.1	2.5	2.9	3.3	3.7
85°	2.5	1.7	1.7	1.7	1.7	1.7	2.5	3.3	4.1	4.9	5.3
82.5°	2.5	1.7	1.7	1.7	1.7	1.7	2.5	3.4	4.2	5.0	5.4
80°	2.6	1.7	1.7	1.7	1.7	1.7	2.6	3.4	4.2	5.0	5.5
77.5°	2.6	1.7	1.7	1.7	1.7	1.7	2.6	3.4	4.3	5.1	5.5
75°	3.7	3.3	2.5	1.7	2.5	3.3	3.7	4.1	4.6	5.1	5.5
72.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.7	6.1	6.5	7.0
70°	5.9	5.1	5.0	5.0	5.0	5.1	5.9	6.7	7.5	8.2	8.9
67.5°	8.1	8.2	7.5	6.7	7.5	8.2	8.1	8.1	8.2	8.7	9.6
65°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.8	9.7
62.5°	6.9	6.8	6.7	6.7	6.7	6.8	6.9	7.0	7.2	8.0	9.1
60°	5.7	5.2	5.0	5.0	5.0	5.2	5.7	6.2	6.6	7.2	8.0
57.5°	5.7	5.2	5.0	5.0	5.0	5.2	5.7	6.2	6.7	7.1	7.6
55°	5.7	5.2	5.0	5.0	5.0	5.2	5.7	6.2	6.7	7.2	7.7
52.5°	5.8	5.2	5.6	6.7	5.6	5.2	5.8	6.3	6.8	7.3	7.8
50°	7.2	6.8	6.7	6.7	6.7	6.8	7.2	7.5	7.9	8.2	8.2
47.5°	9.6	8.7	8.3	8.3	8.3	8.7	9.6	10.2	10.6	11.0	11.2
45°	13.6	12.4	11.6	11.7	11.6	12.4	13.6	14.5	14.6	14.5	14.6
42.5°	20.5	20.1	19.8	20.0	19.8	20.1	20.5	20.7	22.0	20.5	17.9
40°	44.0	44.6	44.4	45.0	44.4	44.6	44.0	41.7	41.2	38.9	38.2
37.5°	82.8	80.0	75.8	76.7	75.8	80.0	82.8	82.5	79.7	70.0	72.3
35°	161.5	165.7	165.4	166.8	165.4	165.7	161.5	160.6	153.2	132.0	137.8
32.5°	373.7	393.5	394.0	402.0	394.0	393.5	373.7	345.4	306.2	270.4	247.1
30°	734.2	750.0	726.2	737.3	726.2	750.0	734.2	699.8	588.6	514.8	427.8
27.5°	1385.1	1443.4	1442.9	1417.8	1442.9	1443.4	1385.1	1302.4	1143.4	992.3	771.1
25°	2432.9	2523.0	2506.4	2477.0	2506.4	2523.0	2432.9	2231.9	1993.0	1762.3	1444.3
22.5°	3835.8	3984.8	4104.1	4026.5	4104.1	3984.8	3835.8	3564.9	3266.6	2870.7	2554.9
20°	6269.7	6312.3	6438.9	6393.4	6438.9	6312.3	6269.7	5627.3	5190.6	4699.7	4139.6
17.5°	12878.9	13341.0	13019.6	12041.2	13019.6	13341.0	12878.9	11151.4	10513.8	9333.1	7720.7
15°	26081.3	28017.9	29521.6	28696.1	29521.6	28017.9	26081.3	24064.4	21193.0	18465.7	15389.1
12.5°	42711.5	44140.4	45096.4	45166.7	45096.4	44140.4	42711.5	39729.3	34640.7	30315.1	25345.1
10°	61304.5	62567.1	64258.5	64496.2	64258.5	62567.1	61304.5	57194.8	51134.3	44125.0	36824.4
7.5°	76957.3	79517.7	80703.2	80543.9	80703.2	79517.7	76957.3	73544.2	66667.0	58667.3	49012.0
5°	90956.1	93608.7	94770.6	94963.7	94770.6	93608.7	90956.1	86762.7	79667.2	70608.8	59204.1
2.5°	102836.7	105514.8	106910.7	106527.9	106910.7	105514.8	102836.7	98151.2	90328.9	80556.8	66967.3
0°	106680.5	108789.7	109959.7	109638.7	109959.7	108789.7	106680.5	102921.7	95703.4	85939.9	71720.2
-2.5°	104237.0	105508.0	106389.8	106049.1	106389.8	105508.0	104237.0	100972.9	94489.8	84570.1	70521.2
-5°	101529.1	103037.2	103367.1	103770.7	103367.1	103037.2	101529.1	98061.2	90601.4	80485.9	67009.9
-7.5°	87850.3	89463.6	89996.4	90803.7	89996.4	89463.6	87850.3	85793.6	80386.6	71236.7	58659.0
-10°	76695.1	78504.4	78591.6	79089.4	78591.6	78504.4	76695.1	73903.8	68774.3	60750.2	50002.7
-12.5°	67351.0	69840.8	70667.0	70469.3	70667.0	69840.8	67351.0	62637.4	58202.6	49741.1	42649.4
-15°	53811.4	55938.3	56090.1	56189.6	56090.1	55938.3	53811.4	48698.9	44858.8	39573.4	34955.2
-17.5°	43861.1	45927.9	46724.7	46972.3	46724.7	45927.9	43861.1	40481.9	37297.4	33482.1	29577.6
-20°	36571.2	38109.9	39083.1	39486.3	39083.1	38109.9	36571.2	34433.1	31942.3	29043.0	25852.6



REPORT NUMBER: P1306175 (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°	30044.7	31020.1	31375.9	31465.0	31375.9	31020.1	30044.7	28498.9	26730.2	24387.4	21976.5
-25°	24375.7	25150.4	25600.8	25788.8	25600.8	25150.4	24375.7	23309.5	21791.8	20103.6	18221.7
-27.5°	20012.1	20701.6	21135.2	21201.8	21135.2	20701.6	20012.1	19180.8	17899.0	16763.1	15332.9
-30°	16713.2	17318.8	17723.9	17834.2	17723.9	17318.8	16713.2	16020.6	15115.9	14036.3	12742.2
-32.5°	13848.6	14366.9	14684.7	14821.8	14684.7	14366.9	13848.6	13196.6	12405.1	11516.5	10513.7
-35°	11194.1	11542.4	11746.0	11679.3	11746.0	11542.4	11194.1	10749.6	10154.2	9405.8	8657.3
-37.5°	9176.7	9456.9	9609.5	9617.6	9609.5	9456.9	9176.7	8771.5	8266.3	7690.0	6992.5
-40°	7276.9	7561.6	7733.1	7742.8	7733.1	7561.6	7276.9	6912.7	6473.1	5931.8	5196.1
-42.5°	5321.1	5612.6	5811.7	5941.4	5811.7	5612.6	5321.1	4911.7	4397.0	3797.4	3150.9
-45°	3042.9	3294.7	3486.8	3626.2	3486.8	3294.7	3042.9	2713.0	2317.6	1835.6	1327.1
-47.5°	1344.8	1385.6	1403.5	1397.8	1403.5	1385.6	1344.8	1289.1	1214.6	1127.8	1035.3
-50°	1033.2	1057.3	1069.5	1069.2	1069.5	1057.3	1033.2	1005.4	975.1	942.1	906.1
-52.5°	899.3	905.4	909.0	910.7	909.0	905.4	899.3	891.6	881.8	869.5	855.8
-55°	849.5	862.3	867.1	865.7	867.1	862.3	849.5	833.3	813.6	790.5	764.5
-57.5°	730.7	746.4	756.9	762.3	756.9	746.4	730.7	711.1	688.0	660.5	628.8
-60°	569.3	578.7	584.5	587.1	584.5	578.7	569.3	555.8	537.8	515.0	488.9
-62.5°	437.2	447.9	453.3	455.4	453.3	447.9	437.2	424.6	410.1	393.7	373.4
-65°	339.6	347.4	351.7	353.6	351.7	347.4	339.6	330.2	319.5	304.3	285.3
-67.5°	249.4	252.9	254.7	255.2	254.7	252.9	249.4	244.5	238.0	227.3	211.7
-70°	186.3	191.4	194.6	196.8	194.6	191.4	186.3	180.5	174.3	166.0	154.3
-72.5°	134.3	136.9	138.8	140.1	138.8	136.9	134.3	131.1	127.3	121.9	113.1
-75°	85.1	86.0	86.5	86.7	86.5	86.0	85.1	83.8	82.1	79.6	74.6
-77.5°	55.3	56.3	57.4	58.4	57.4	56.3	55.3	54.3	53.1	51.5	48.0
-80°	35.0	34.8	35.0	35.0	35.0	34.8	35.0	35.1	35.1	34.7	32.5
-82.5°	23.2	23.3	23.4	23.4	23.4	23.3	23.2	23.1	22.9	22.7	21.6
-85°	16.6	16.7	16.7	16.7	16.7	16.7	16.6	16.5	16.5	16.3	15.4
-87.5°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.3
-90°	2.1	1.7	0.8	0.0	0.8	1.7	2.1	2.5	2.9	3.3	3.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.8	9.5	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.7	6.7
87.5°	4.2	4.6	5.0	5.4	5.9	6.3	6.7	6.7	6.7	6.7	6.7
85°	5.7	6.0	6.4	6.4	6.5	6.6	6.7	6.7	6.7	6.7	6.7
82.5°	5.9	6.3	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.0	6.9
80°	5.9	6.3	6.7	6.7	6.7	6.7	6.8	7.2	7.6	7.9	8.0
77.5°	5.9	6.4	6.7	6.9	7.0	7.0	6.9	7.2	7.6	8.0	8.3
75°	6.0	6.4	6.9	7.4	7.8	8.1	8.3	8.5	8.6	8.7	8.6
72.5°	7.5	7.8	8.2	8.6	8.9	9.4	9.7	9.8	9.9	10.0	9.6
70°	9.6	10.2	11.2	12.2	12.8	13.1	12.8	12.2	11.5	11.3	10.7
67.5°	10.5	11.4	13.2	15.2	16.5	17.4	17.3	16.4	15.3	14.4	12.5
65°	10.6	11.6	13.9	16.4	18.7	20.7	22.7	23.0	22.0	19.5	15.1
62.5°	10.3	11.5	13.2	15.3	18.0	22.4	27.7	30.0	30.3	26.7	20.5
60°	9.0	10.2	11.6	13.3	15.2	21.2	29.8	36.1	40.0	33.9	25.5
57.5°	8.0	8.7	9.8	11.1	12.8	20.1	29.8	40.4	47.3	38.1	29.8
55°	8.1	8.6	9.1	9.6	10.6	17.9	27.1	37.7	44.3	39.3	29.9
52.5°	8.2	8.7	9.2	9.7	11.3	15.8	22.2	32.2	35.8	32.1	27.1
50°	8.4	8.9	9.4	9.9	11.5	14.4	19.2	26.1	26.4	25.1	21.1
47.5°	11.1	10.5	9.9	10.1	11.4	13.2	16.6	19.7	20.6	19.3	16.5
45°	14.5	13.9	12.9	12.3	11.8	12.7	14.6	16.6	17.4	16.8	13.7
42.5°	20.3	19.2	17.0	17.2	15.5	14.5	14.5	16.1	16.3	15.8	15.4
40°	37.4	32.0	31.4	28.0	24.3	19.6	19.2	18.3	18.0	16.3	19.1
37.5°	70.7	62.8	62.4	57.9	47.3	33.0	28.1	24.9	22.3	23.7	26.0
35°	125.5	114.8	109.2	101.7	88.3	65.3	43.0	35.1	31.8	33.6	35.4
32.5°	224.7	210.6	172.5	158.3	159.8	117.9	77.2	50.7	48.1	47.2	45.7
30°	365.5	365.1	310.8	270.8	288.4	239.9	129.9	94.4	72.2	64.0	57.9
27.5°	691.7	606.7	538.1	507.7	479.3	415.8	292.7	161.9	108.4	87.1	76.9
25°	1256.8	999.8	936.2	840.4	734.8	666.9	496.8	309.8	182.2	117.9	114.1
22.5°	2146.5	1871.9	1585.0	1262.2	1166.7	1025.9	801.1	484.4	295.0	220.9	172.0
20°	3717.5	3220.9	2611.3	2408.6	2002.8	1485.7	1182.1	915.9	664.3	400.6	247.8
17.5°	7182.0	5754.4	4966.2	4538.8	3481.5	2401.1	2230.5	1850.1	1190.8	627.3	338.3
15°	12617.7	11264.5	9719.8	7764.4	6001.7	4863.7	4038.7	3050.2	1918.0	1009.7	543.7
12.5°	21384.5	18390.0	15594.4	12071.3	9915.0	7999.9	6386.4	4663.5	2946.1	1686.2	902.3
10°	30551.5	26238.5	21922.1	17471.9	14111.9	11464.6	8738.4	6133.2	4041.7	2486.2	1312.8
7.5°	40715.2	34687.1	28673.2	22611.6	17966.6	14378.9	10683.0	7406.5	5053.7	3314.7	1754.3
5°	48858.8	41315.0	33990.4	26856.4	21499.3	17290.8	12662.3	8560.8	5977.0	4136.7	2202.0
2.5°	54267.1	45679.9	38513.5	30569.0	24595.6	19724.5	14479.8	9698.7	6658.3	4610.0	2386.7
0°	58101.1	48898.8	40999.2	32078.8	26067.4	20863.2	15947.7	10808.6	7180.7	4935.6	2520.3
-2.5°	57121.4	47805.1	40532.6	31576.9	25469.3	20603.7	15631.7	11369.1	7801.2	5214.6	2564.6
-5°	53236.1	44112.6	37025.9	29150.6	23414.5	19045.9	14645.3	11147.7	7944.6	5260.4	2545.1
-7.5°	47681.8	39746.5	32967.4	26112.3	20885.6	16923.1	13186.7	10109.4	7286.7	4761.8	2359.2
-10°	41209.2	34619.1	28530.3	22872.7	18455.6	14744.7	11651.1	9005.8	6544.1	4184.5	2114.2
-12.5°	35453.5	29601.7	24178.7	19562.8	16295.9	12985.4	10305.1	7949.4	5739.3	3551.7	1812.7
-15°	29567.3	25374.3	21112.1	17276.3	14144.0	11299.3	9065.2	7101.2	5017.2	2892.3	1456.6
-17.5°	25927.9	21926.6	18256.5	15368.2	12332.6	9812.1	8027.9	6247.1	4243.8	2302.5	1100.3
-20°	22881.8	19350.9	16230.0	13384.3	10711.6	8562.5	7090.4	5320.0	3381.9	1820.6	992.1



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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°	19731.4	17116.8	14318.8	11468.9	9182.1	7517.7	6024.9	4318.7	2438.3	1298.3	877.5
-25°	16641.0	14789.3	12435.0	10100.4	7942.3	6348.8	4916.1	3262.5	1839.9	981.6	767.6
-27.5°	13903.4	12345.1	10848.9	8818.3	7015.8	5297.0	3769.5	2269.5	1219.2	862.7	712.5
-30°	11431.2	10269.0	9074.7	7683.8	5977.8	4287.4	2620.6	1556.7	955.8	760.6	669.9
-32.5°	9395.8	8498.1	7483.1	6294.2	4707.7	3001.9	1799.6	1016.9	815.1	714.2	655.5
-35°	7809.6	6895.3	5907.8	4606.9	3099.1	1927.9	1080.9	875.7	746.4	676.8	649.0
-37.5°	6199.1	5259.6	4064.6	2826.6	1824.0	1113.6	926.0	793.5	701.2	669.2	623.3
-40°	4291.7	3266.4	2353.8	1442.2	1100.1	944.8	833.8	741.8	700.7	647.6	586.4
-42.5°	2401.6	1617.2	1183.9	1048.4	926.6	850.6	779.5	737.7	682.3	610.5	531.6
-45°	1207.3	1084.7	972.4	909.9	841.2	800.3	770.2	706.8	635.0	552.4	470.1
-47.5°	979.8	928.0	874.9	842.2	811.4	773.9	712.4	647.0	562.7	482.9	413.3
-50°	878.5	857.1	835.6	806.5	751.0	694.4	628.3	557.2	483.9	417.6	355.2
-52.5°	838.0	799.8	757.4	711.2	652.2	588.6	525.0	469.1	409.6	353.2	299.2
-55°	735.5	691.7	640.9	587.6	533.6	483.5	433.3	385.9	340.4	290.2	246.9
-57.5°	593.3	554.2	513.3	470.7	426.8	386.0	346.9	308.0	274.4	235.2	196.4
-60°	460.2	428.6	397.1	364.0	329.2	295.1	268.7	241.1	212.2	182.2	150.8
-62.5°	348.7	319.1	295.7	273.9	249.4	223.5	201.6	180.5	157.3	132.0	112.0
-65°	265.4	244.8	224.7	204.5	183.9	163.1	144.8	128.3	113.0	96.7	79.8
-67.5°	194.5	175.9	158.3	143.2	130.4	115.8	102.8	89.6	80.1	71.7	62.0
-70°	142.4	130.5	118.8	106.2	94.0	83.4	75.8	68.9	61.4	53.3	45.0
-72.5°	104.3	95.6	87.0	78.5	70.6	62.8	55.3	48.4	41.7	35.2	29.4
-75°	69.3	63.7	57.7	51.3	44.7	37.9	33.5	30.7	27.6	24.3	20.7
-77.5°	44.5	41.0	37.4	33.9	30.5	27.2	24.1	21.5	19.5	17.5	15.7
-80°	30.3	28.2	26.0	24.0	22.0	20.1	18.4	16.7	15.2	13.8	12.7
-82.5°	20.4	19.3	18.0	16.8	15.6	14.3	13.0	12.2	11.5	10.8	10.4
-85°	14.5	13.6	12.7	11.8	11.0	10.1	9.4	9.3	9.2	9.1	9.0
-87.5°	10.8	10.4	9.8	9.4	8.9	8.5	8.0	8.0	7.9	7.9	7.8
-90°	4.2	4.6	5.0	5.4	5.9	6.3	6.7	6.7	6.7	6.7	6.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.9	7.0	7.1
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.0	7.3	7.4
82.5°	6.7	6.7	6.7	6.7	7.0	7.1	7.2	7.1	7.3	7.5	7.8
80°	7.8	7.6	7.4	7.2	7.3	7.6	7.8	7.8	7.8	7.8	8.0
77.5°	8.3	8.3	8.3	8.1	7.9	7.9	8.1	8.3	8.2	8.1	8.1
75°	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.3	8.3	8.3	8.2
72.5°	9.0	8.6	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
70°	9.9	9.0	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
67.5°	10.9	10.0	9.0	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3
65°	12.9	11.1	9.9	9.1	8.5	8.3	8.3	8.3	8.3	8.3	8.3
62.5°	15.6	12.3	10.8	9.7	8.9	8.4	8.3	8.3	8.3	8.3	8.3
60°	19.0	14.3	11.8	10.5	9.4	8.5	8.3	8.3	8.3	8.3	8.3
57.5°	21.7	15.7	13.4	11.5	10.1	8.9	8.3	8.3	8.3	8.3	8.3
55°	22.8	17.0	15.0	13.1	11.0	9.5	8.5	8.3	8.3	8.3	8.3
52.5°	20.3	17.6	16.3	14.4	12.4	10.3	9.2	8.3	8.3	8.3	8.3
50°	15.9	16.6	16.6	15.3	13.6	11.6	9.8	8.8	8.3	8.3	8.4
47.5°	14.0	15.6	16.0	15.7	14.2	12.7	10.7	9.4	8.3	8.3	8.5
45°	14.4	15.0	15.6	15.3	14.8	13.3	11.6	9.9	8.8	8.5	8.7
42.5°	15.9	16.0	15.7	15.1	14.9	13.8	12.3	10.5	9.2	8.7	8.9
40°	19.3	18.2	16.8	16.5	15.2	14.2	12.7	11.1	9.7	9.1	9.1
37.5°	23.6	21.8	19.4	19.9	16.5	14.7	13.1	11.5	10.4	9.7	9.4
35°	32.5	26.7	25.2	25.1	21.0	15.4	13.4	11.9	11.1	10.2	9.7
32.5°	44.1	35.9	33.5	31.2	26.9	16.3	13.9	12.9	11.9	10.8	10.0
30°	56.5	52.1	43.2	38.0	33.6	21.7	15.4	14.1	12.8	11.4	10.4
27.5°	76.2	70.4	55.1	46.8	40.1	28.7	18.6	15.6	13.6	12.0	10.9
25°	102.6	90.7	72.3	56.9	46.9	45.5	22.4	17.3	14.7	12.7	11.3
22.5°	139.7	114.4	90.8	67.7	74.6	67.0	31.5	20.3	16.0	13.4	11.8
20°	182.8	141.3	119.4	113.7	108.9	90.5	47.3	23.7	17.4	14.1	12.2
17.5°	234.5	207.6	198.8	171.5	147.4	117.7	65.6	27.4	18.8	14.8	12.6
15°	381.5	325.2	286.6	236.4	189.0	147.7	85.8	31.4	20.3	15.6	12.9
12.5°	555.6	449.9	380.8	306.5	232.9	179.8	107.1	35.5	21.8	16.2	13.0
10°	736.1	579.6	479.7	380.3	278.3	213.3	128.9	40.0	23.7	16.7	13.1
7.5°	919.4	712.0	581.0	455.9	323.5	246.1	152.8	45.3	25.8	17.1	13.2
5°	1085.9	826.9	663.9	516.6	363.6	276.7	176.2	50.5	27.9	17.6	13.3
2.5°	1177.3	910.9	732.1	571.7	402.3	305.5	197.8	55.5	29.9	18.0	13.3
0°	1257.7	989.1	795.6	622.2	438.7	331.9	216.8	60.0	31.7	18.3	13.3
-2.5°	1258.1	976.6	793.0	637.5	456.8	342.0	225.1	73.3	39.8	22.8	14.9
-5°	1245.9	958.1	786.7	647.5	471.2	349.2	230.1	85.7	47.5	27.1	16.4
-7.5°	1190.1	921.6	770.6	649.7	481.5	353.3	232.3	96.9	54.6	31.0	17.7
-10°	1115.7	872.8	741.3	629.4	477.3	352.2	231.6	106.7	60.9	34.4	18.9
-12.5°	1030.1	821.5	712.7	607.1	467.9	346.5	227.4	114.3	66.3	37.3	19.8
-15°	933.8	768.8	686.2	583.9	455.5	338.6	221.5	119.8	70.8	39.6	20.4
-17.5°	830.8	715.7	663.1	560.7	440.1	328.6	214.1	123.6	74.0	41.6	21.3
-20°	776.0	680.7	641.7	538.3	421.9	316.7	205.6	125.4	76.0	42.8	22.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	728.0	662.5	610.7	514.8	402.9	303.0	196.4	125.0	76.4	43.2	23.2
-25°	678.8	645.1	579.8	483.9	384.4	288.5	190.7	122.5	75.4	42.6	23.6
-27.5°	651.4	623.7	549.3	450.6	359.4	274.2	187.0	121.0	73.5	41.2	23.6
-30°	634.0	589.5	512.0	416.6	332.2	252.2	180.4	117.5	71.6	40.2	23.1
-32.5°	620.9	556.8	470.9	384.7	305.0	228.7	167.0	111.8	68.5	39.6	22.9
-35°	592.0	516.7	428.4	350.8	277.1	209.4	151.1	103.9	64.0	38.3	22.5
-37.5°	558.9	471.1	389.7	316.9	247.9	188.6	136.4	93.1	58.1	36.4	21.5
-40°	506.7	425.2	350.6	283.9	222.2	166.6	120.2	82.9	54.2	33.9	20.0
-42.5°	452.2	380.2	312.7	249.8	196.8	147.2	103.4	72.0	49.3	31.3	18.0
-45°	400.8	334.5	273.8	220.2	170.8	126.4	90.5	61.1	43.7	28.4	16.2
-47.5°	348.1	290.1	236.7	188.7	146.2	106.1	76.8	54.2	37.6	24.6	15.3
-50°	298.0	246.7	200.4	158.8	119.6	90.2	63.8	46.6	32.1	19.9	14.2
-52.5°	250.0	205.3	165.7	128.8	99.2	73.5	54.6	38.6	26.4	17.2	12.9
-55°	204.0	166.5	132.0	103.7	79.4	60.8	44.6	31.7	20.3	15.4	11.6
-57.5°	162.2	129.2	104.1	81.2	63.5	48.8	35.6	24.5	17.3	13.6	11.2
-60°	122.3	100.2	78.6	63.7	50.3	37.9	27.2	18.7	15.2	12.0	10.8
-62.5°	92.0	73.8	61.4	49.2	38.2	28.2	19.5	16.2	13.0	11.6	10.4
-65°	69.0	57.5	45.8	36.5	27.3	20.0	16.7	13.7	12.1	11.1	10.1
-67.5°	51.8	42.3	32.8	24.3	19.7	16.5	13.8	12.6	11.6	10.6	10.1
-70°	36.5	28.0	22.1	18.3	15.4	13.2	12.7	12.0	11.1	10.5	10.1
-72.5°	24.7	20.3	16.2	13.3	12.9	12.4	12.0	11.4	10.7	10.3	10.0
-75°	16.9	14.8	13.3	12.4	12.0	11.7	11.3	10.8	10.3	10.0	9.6
-77.5°	14.2	13.0	12.1	11.4	11.1	10.8	10.5	10.2	9.8	9.5	9.1
-80°	12.0	11.4	10.9	10.5	10.2	10.0	9.7	9.5	9.2	8.9	8.6
-82.5°	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.8	8.5	8.3	8.1
-85°	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.7
-87.5°	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.2
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	7.1	7.0	7.0	6.9	6.8	6.7	6.7
85°	7.5	7.4	7.3	7.1	7.0	6.8	6.7
82.5°	7.9	7.7	7.5	7.3	7.1	6.8	6.7
80°	8.3	8.1	7.8	7.5	7.2	6.8	6.7
77.5°	8.3	8.3	8.1	7.7	7.4	6.9	6.7
75°	8.3	8.3	8.3	7.9	7.5	6.9	6.7
72.5°	8.3	8.3	8.3	8.1	7.6	6.9	6.7
70°	8.3	8.3	8.3	8.3	7.7	7.0	6.7
67.5°	8.3	8.3	8.3	8.3	7.8	7.0	6.7
65°	8.3	8.3	8.3	8.3	7.9	7.0	6.7
62.5°	8.3	8.3	8.3	8.3	8.0	7.0	6.7
60°	8.3	8.3	8.3	8.3	8.1	7.0	6.7
57.5°	8.3	8.3	8.3	8.3	8.1	7.1	6.7
55°	8.3	8.3	8.3	8.3	8.1	7.1	6.7
52.5°	8.3	8.3	8.3	8.3	8.0	7.1	6.7
50°	8.3	8.3	8.3	8.3	8.0	7.1	6.7
47.5°	8.3	8.3	8.3	8.3	8.0	7.1	6.7
45°	8.5	8.3	8.3	8.3	8.0	7.1	6.7
42.5°	8.6	8.3	8.3	8.3	8.0	7.1	6.7
40°	8.8	8.3	8.3	8.3	8.0	7.1	6.7
37.5°	9.0	8.3	8.3	8.3	8.0	7.1	6.7
35°	9.3	8.4	8.3	8.3	8.1	7.1	6.7
32.5°	9.5	8.6	8.3	8.3	8.1	7.1	6.7
30°	9.8	8.8	8.3	8.3	8.1	7.0	6.7
27.5°	10.1	9.0	8.3	8.3	8.1	7.0	6.7
25°	10.4	9.2	8.3	8.3	8.1	7.0	6.7
22.5°	10.7	9.3	8.3	8.3	8.1	7.0	6.7
20°	11.0	9.5	8.3	8.3	8.2	7.0	6.7
17.5°	11.2	9.6	8.3	8.3	8.2	6.9	6.7
15°	11.3	9.7	8.3	8.3	8.2	6.9	6.7
12.5°	11.5	9.8	8.3	8.3	8.2	6.9	6.7
10°	11.5	9.9	8.3	8.3	8.3	6.8	6.7
7.5°	11.6	9.9	8.3	8.3	8.3	6.8	6.7
5°	11.7	10.0	8.3	8.3	8.3	6.8	6.7
2.5°	11.7	10.0	8.3	8.3	8.3	6.7	6.7
0°	11.7	10.0	8.3	8.3	8.3	6.7	6.7
-2.5°	11.9	10.2	8.4	8.3	8.3	6.7	6.7
-5°	12.1	10.3	8.6	8.3	8.3	6.8	6.7
-7.5°	12.3	10.5	8.7	8.3	8.3	6.8	6.7
-10°	12.4	10.6	8.9	8.3	8.3	6.8	6.7
-12.5°	12.5	10.7	9.0	8.3	8.2	6.9	6.7
-15°	12.6	10.8	9.1	8.3	8.2	6.9	6.7
-17.5°	12.7	10.9	9.1	8.3	8.2	6.9	6.7
-20°	13.1	11.0	9.2	8.3	8.2	7.0	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.9	11.0	9.2	8.3	8.1	7.0	6.7
-25°	14.4	11.0	9.2	8.3	8.1	7.0	6.7
-27.5°	14.6	11.0	9.2	8.3	8.1	7.0	6.7
-30°	14.5	11.0	9.1	8.3	8.1	7.0	6.7
-32.5°	14.1	10.8	9.0	8.3	8.1	7.1	6.7
-35°	13.8	10.6	8.9	8.3	8.1	7.1	6.7
-37.5°	13.5	10.4	8.8	8.3	8.0	7.1	6.7
-40°	13.1	10.2	8.6	8.3	8.0	7.1	6.7
-42.5°	12.6	10.0	8.6	8.3	8.0	7.1	6.7
-45°	12.0	9.9	8.7	8.4	8.0	7.1	6.7
-47.5°	11.2	9.6	8.7	8.4	8.0	7.1	6.7
-50°	10.8	9.4	8.8	8.4	8.0	7.1	6.7
-52.5°	10.6	9.2	8.8	8.4	8.0	7.1	6.7
-55°	10.3	9.2	8.8	8.4	8.1	7.1	6.7
-57.5°	10.0	9.3	8.9	8.4	8.1	7.1	6.7
-60°	9.7	9.3	8.9	8.4	8.1	7.0	6.7
-62.5°	9.7	9.3	8.9	8.4	8.0	7.0	6.7
-65°	9.8	9.4	8.8	8.4	7.9	7.0	6.7
-67.5°	9.8	9.3	8.7	8.3	7.8	7.0	6.7
-70°	9.9	9.1	8.6	8.3	7.7	7.0	6.7
-72.5°	9.5	8.9	8.5	8.1	7.6	6.9	6.7
-75°	9.2	8.6	8.3	7.9	7.5	6.9	6.7
-77.5°	8.8	8.4	8.1	7.7	7.4	6.9	6.7
-80°	8.4	8.1	7.8	7.5	7.2	6.8	6.7
-82.5°	7.9	7.7	7.5	7.3	7.1	6.8	6.7
-85°	7.5	7.4	7.3	7.1	7.0	6.8	6.7
-87.5°	7.1	7.0	7.0	6.9	6.8	6.7	6.7
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7

(END OF REPORT)