

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: P1306151 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

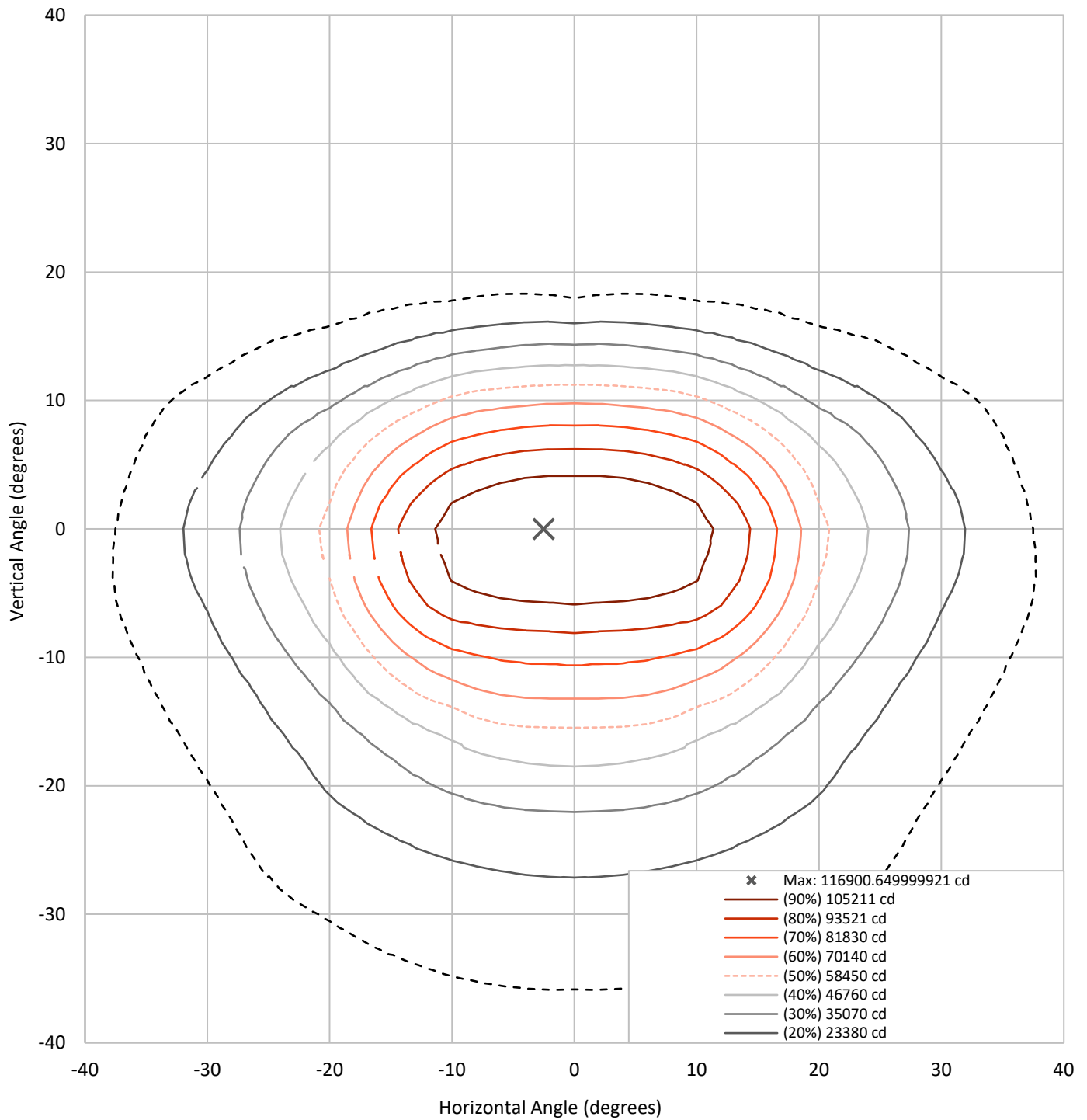
Test Method: LM-79-08
Report Number: P1306151 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 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:	46322.6 lumens	Max Intensity:	116900.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	83.6 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:	22958.5 lumens	Field Lumens:	41524.7 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





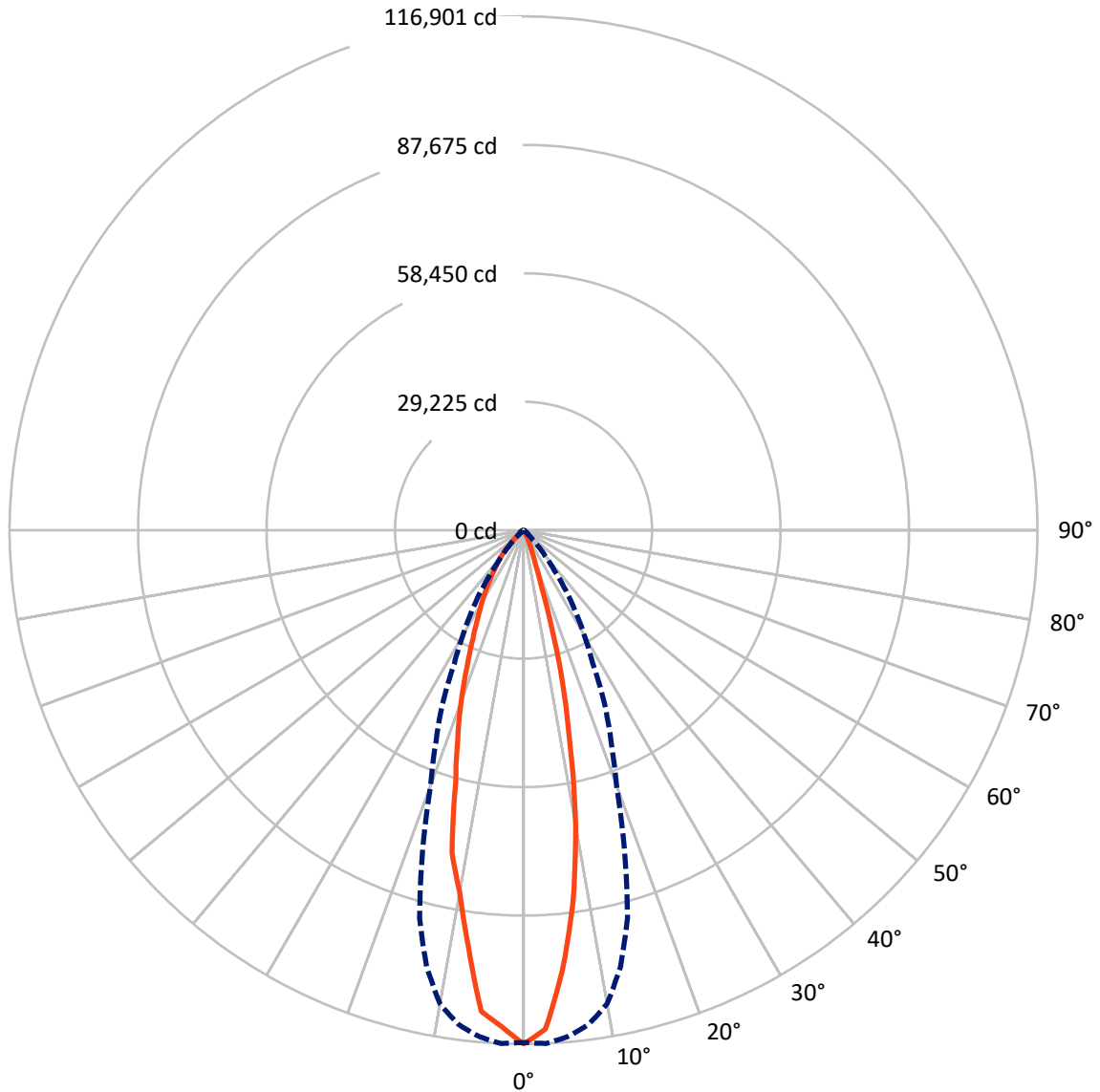
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Lumen Table

90	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2									
80	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2									
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2		
60		0.1	0.2	0.6	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.6	0.2	0.1			
50	0.2	0.1	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.1	0.2		
40		0.2	0.5	0.8	1.7	3.9	6.0	8.2	8.2	6.0	3.9	1.7	0.8	0.5	0.2			
30	0.2	0.3	1.2	3.3	14.9	34.1	64.1	90.9	90.9	64.1	34.1	14.9	3.3	1.2	0.3	0.2		
20		0.8	4.5	20.3	117.7	312.7	642.5	951.1	951.1	642.5	312.7	117.7	20.3	4.5	0.8			
10	0.3	1.5	9.8	60.9	344.4	981.2	2108.8	2904.9	2904.9	2108.8	981.2	344.4	60.9	9.8	1.5	0.3		
0		2.0	12.0	75.5	393.3	1073.3	2357.6	3131.8	3131.8	2357.6	1073.3	393.3	75.5	12.0	2.0			
-10	0.4	2.2	10.7	48.4	250.1	644.9	1306.8	1819.6	1819.6	1306.8	644.9	250.1	48.4	10.7	2.2	0.4		
-20		2.0	9.0	22.5	131.6	368.4	644.0	833.5	833.5	644.0	368.4	131.6	22.5	9.0	2.0			
-30	0.3	1.6	6.7	14.7	43.9	167.7	299.3	381.3	381.3	299.3	167.7	43.9	14.7	6.7	1.6	0.3		
-40		1.0	4.2	10.9	19.9	36.0	79.1	116.2	116.2	79.1	36.0	19.9	10.9	4.2	1.0			
-50	0.2	0.5	2.1	5.8	11.7	18.5	23.8	26.7	26.7	23.8	18.5	11.7	5.8	2.1	0.5	0.2		
-60		0.2	0.7	2.1	4.2	6.9	9.8	11.5	11.5	9.8	6.9	4.2	2.1	0.7	0.2			
-70	0.2	0.5	2.1	5.8	11.7	18.5	23.8	26.7	26.7	23.8	18.5	11.7	5.8	2.1	0.5	0.2		
-80		0.2	0.7	2.1	4.2	6.9	9.8	11.5	11.5	9.8	6.9	4.2	2.1	0.7	0.2			
-90	0.2	0.7	2.1	5.5	7.4	5.5	2.1	0.7	0.2									

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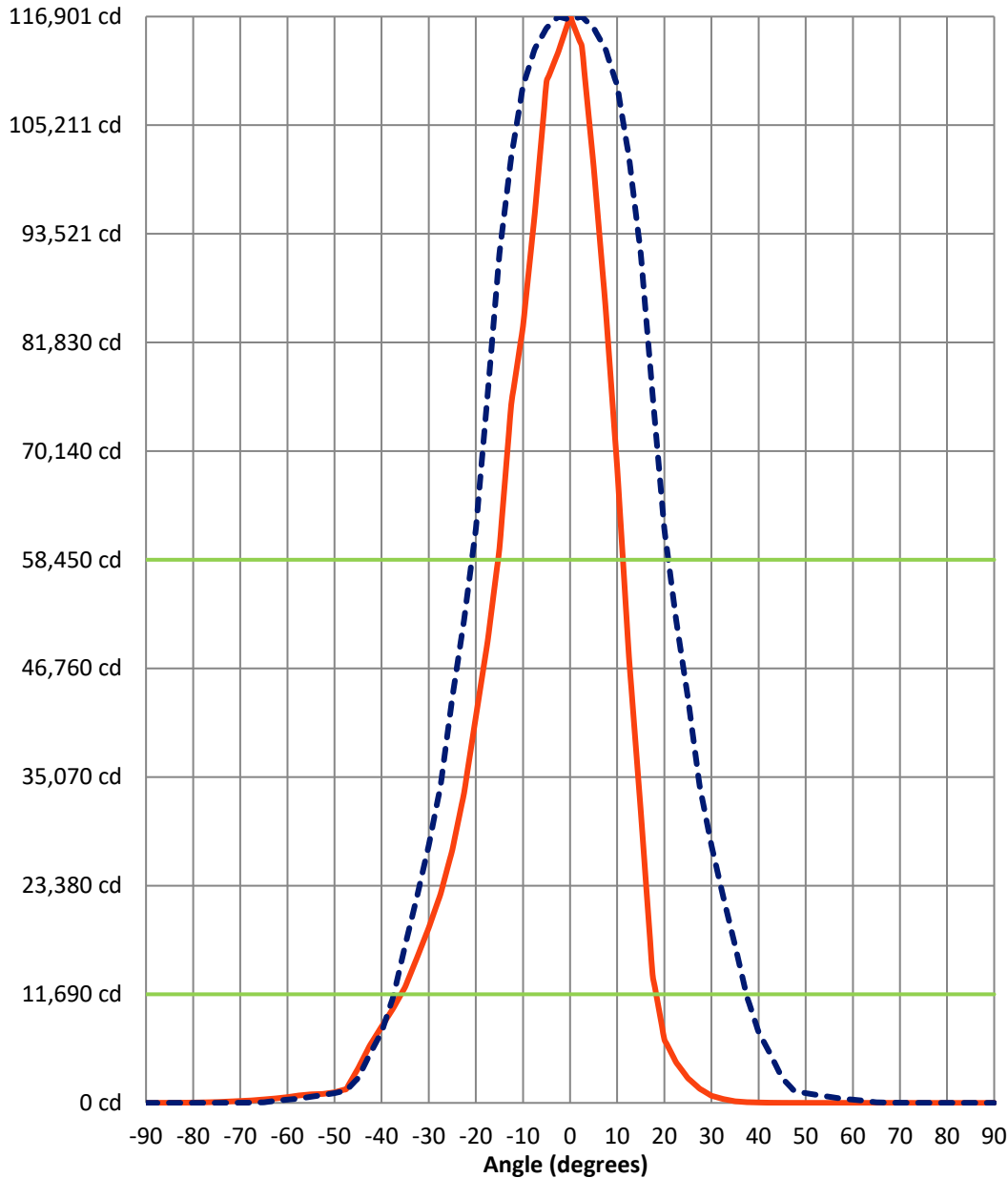
Luminous Intensity Polar Plot



— 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: 22958.5
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 41524.7
 Efficiency: 89.6%

Spill:
 Lumens: 4797.9
 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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.3	7.3	7.4	7.5	7.6	7.5	7.4	7.3	7.1
85°	7.1	7.2	7.4	7.6	7.7	7.9	8.0	7.9	7.7	7.5	7.1
82.5°	7.1	7.2	7.6	7.8	8.0	8.3	8.5	8.3	8.0	7.8	7.6
80°	7.1	7.3	7.7	8.0	8.3	8.7	8.9	8.6	8.4	8.3	8.3
77.5°	7.1	7.3	7.9	8.3	8.7	8.9	8.9	8.7	8.7	8.8	8.9
75°	7.1	7.3	8.0	8.5	8.9	8.9	8.9	8.8	8.9	8.9	8.9
72.5°	7.1	7.4	8.1	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	7.1	7.4	8.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
67.5°	7.1	7.4	8.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
65°	7.1	7.4	8.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
60°	7.1	7.5	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
57.5°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
55°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
52.5°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
50°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	9.0	8.9	8.9	9.4
47.5°	7.1	7.5	8.6	8.9	8.9	8.9	8.9	9.1	8.9	8.9	10.0
45°	7.1	7.6	8.6	8.9	8.9	8.9	9.1	9.3	9.1	9.4	10.5
42.5°	7.1	7.5	8.6	8.9	8.9	8.9	9.2	9.5	9.3	9.8	11.2
40°	7.1	7.5	8.6	8.9	8.9	8.9	9.4	9.7	9.7	10.3	11.8
37.5°	7.1	7.5	8.6	8.9	8.9	8.9	9.6	10.0	10.3	11.0	12.2
35°	7.1	7.5	8.6	8.9	8.9	9.0	9.9	10.3	10.9	11.8	12.6
32.5°	7.1	7.5	8.6	8.9	8.9	9.2	10.1	10.7	11.5	12.7	13.7
30°	7.1	7.5	8.7	8.9	8.9	9.4	10.4	11.1	12.1	13.5	15.0
27.5°	7.1	7.5	8.7	8.9	8.9	9.6	10.7	11.6	12.7	14.5	16.6
25°	7.1	7.4	8.7	8.9	8.9	9.8	11.0	12.1	13.5	15.6	18.4
22.5°	7.1	7.4	8.7	8.9	8.9	9.9	11.3	12.5	14.3	17.0	21.6
20°	7.1	7.4	8.8	8.9	8.9	10.1	11.7	13.0	15.0	18.4	25.2
17.5°	7.1	7.4	8.8	8.9	8.9	10.2	11.9	13.5	15.8	20.0	29.1
15°	7.1	7.3	8.8	8.9	8.9	10.3	12.0	13.8	16.5	21.5	33.3
12.5°	7.1	7.3	8.8	8.9	8.9	10.4	12.1	13.9	17.2	23.1	37.7
10°	7.1	7.3	8.9	8.9	8.9	10.5	12.2	14.0	17.7	25.2	42.5
7.5°	7.1	7.2	8.9	8.9	8.9	10.5	12.3	14.1	18.2	27.4	48.1
5°	7.1	7.2	8.9	8.9	8.9	10.6	12.4	14.2	18.7	29.6	53.7
2.5°	7.1	7.1	8.9	8.9	8.9	10.6	12.4	14.2	19.1	31.7	59.0
0°	7.1	7.1	8.9	8.9	8.9	10.6	12.4	14.2	19.1	31.7	59.0
-2.5°	7.1	7.1	8.9	8.9	9.0	10.8	12.6	15.8	24.3	42.4	77.9
-5°	7.1	7.2	8.9	8.9	9.2	11.0	12.8	17.4	28.8	50.6	91.1
-7.5°	7.1	7.2	8.9	8.9	9.3	11.1	13.0	18.8	33.0	58.1	103.1
-10°	7.1	7.3	8.9	8.9	9.5	11.3	13.2	20.0	36.6	64.8	113.5
-12.5°	7.1	7.3	8.8	8.9	9.6	11.4	13.3	21.0	39.6	70.5	121.5
-15°	7.1	7.3	8.8	8.9	9.7	11.5	13.5	21.6	42.1	75.3	127.4
-17.5°	7.1	7.4	8.8	8.9	9.7	11.6	13.5	22.6	44.2	78.7	131.4
-20°	7.1	7.4	8.8	8.9	9.8	11.6	14.0	23.9	45.5	80.7	133.3



REPORT NUMBER: P1306151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	7.4	8.7	8.9	9.8	11.7	14.8	24.7	45.9	81.3	132.9
-25°	7.1	7.4	8.7	8.9	9.8	11.7	15.3	25.1	45.3	80.1	130.2
-27.5°	7.1	7.5	8.7	8.9	9.8	11.7	15.5	25.1	43.7	78.1	128.6
-30°	7.1	7.5	8.7	8.9	9.7	11.6	15.4	24.6	42.8	76.1	124.9
-32.5°	7.1	7.5	8.6	8.9	9.6	11.5	15.0	24.4	42.1	72.8	118.8
-35°	7.1	7.5	8.6	8.9	9.5	11.3	14.7	23.9	40.7	68.0	110.4
-37.5°	7.1	7.5	8.6	8.9	9.4	11.0	14.4	22.9	38.7	61.8	98.9
-40°	7.1	7.5	8.6	8.9	9.2	10.8	13.9	21.3	36.0	57.6	88.1
-42.5°	7.1	7.5	8.6	8.9	9.2	10.7	13.4	19.1	33.3	52.4	76.6
-45°	7.1	7.6	8.6	9.0	9.3	10.5	12.7	17.3	30.2	46.4	65.0
-47.5°	7.1	7.5	8.6	9.0	9.3	10.3	11.9	16.2	26.2	39.9	57.6
-50°	7.1	7.5	8.6	9.0	9.4	10.0	11.5	15.1	21.2	34.2	49.5
-52.5°	7.1	7.5	8.6	9.0	9.4	9.8	11.2	13.7	18.3	28.1	41.0
-55°	7.1	7.5	8.6	9.0	9.4	9.8	10.9	12.3	16.4	21.7	33.7
-57.5°	7.1	7.5	8.6	9.0	9.5	9.9	10.6	11.9	14.4	18.5	26.1
-60°	7.1	7.5	8.7	9.0	9.5	9.9	10.3	11.5	12.7	16.2	19.9
-62.5°	7.1	7.5	8.6	9.0	9.5	9.9	10.3	11.1	12.3	13.8	17.3
-65°	7.1	7.4	8.5	9.0	9.4	10.0	10.4	10.8	11.8	12.9	14.6
-67.5°	7.1	7.4	8.4	8.9	9.3	9.9	10.4	10.7	11.3	12.3	13.4
-70°	7.1	7.4	8.3	8.9	9.2	9.7	10.5	10.7	11.1	11.7	12.7
-72.5°	7.1	7.4	8.1	8.7	9.1	9.5	10.1	10.6	10.9	11.4	12.1
-75°	7.1	7.3	8.0	8.5	8.9	9.2	9.8	10.2	10.6	10.9	11.5
-77.5°	7.1	7.3	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8
-80°	7.1	7.3	7.7	8.0	8.3	8.7	9.0	9.2	9.5	9.8	10.1
-82.5°	7.1	7.2	7.6	7.8	8.0	8.3	8.5	8.7	8.9	9.1	9.4
-85°	7.1	7.2	7.4	7.6	7.7	7.9	8.0	8.2	8.3	8.5	8.6
-87.5°	7.1	7.1	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.6	7.6	7.4	7.1	7.1	7.1	7.1	7.3	7.4	7.4	7.3
80°	8.3	8.1	7.8	7.7	7.9	8.1	8.4	8.6	8.4	8.1	7.6
77.5°	8.7	8.5	8.5	8.7	8.9	8.9	8.9	8.9	8.6	8.1	7.7
75°	8.8	8.9	8.9	8.9	8.9	8.9	8.9	9.2	9.3	9.2	9.0
72.5°	8.9	8.9	8.9	8.9	8.9	9.2	9.6	10.2	10.6	10.6	10.5
70°	8.9	8.9	8.9	8.9	9.0	9.6	10.5	11.4	12.0	12.2	13.0
67.5°	8.9	8.9	8.9	9.0	9.6	10.6	11.5	13.3	15.3	16.3	17.4
65°	8.9	8.9	9.1	9.7	10.5	11.8	13.6	16.0	20.7	23.3	24.4
62.5°	8.9	9.0	9.5	10.3	11.4	13.1	16.5	21.7	28.3	32.2	31.9
60°	8.9	9.1	10.0	11.1	12.5	15.2	20.2	27.1	36.0	42.4	38.3
57.5°	8.9	9.5	10.7	12.2	14.3	16.7	23.1	31.6	40.5	50.3	42.9
55°	9.1	10.1	11.7	13.9	16.0	18.1	24.2	31.8	41.8	47.1	40.0
52.5°	9.8	10.9	13.2	15.4	17.4	18.7	21.5	28.8	34.1	38.1	34.1
50°	10.4	12.3	14.5	16.3	17.7	17.6	16.9	22.5	26.7	28.1	27.7
47.5°	11.4	13.5	15.2	16.8	17.0	16.6	14.9	17.6	20.5	21.9	21.0
45°	12.3	14.2	15.7	16.3	16.6	15.9	15.4	14.6	17.8	18.5	17.7
42.5°	13.1	14.7	15.9	16.1	16.7	17.0	17.0	16.5	16.9	17.3	17.1
40°	13.5	15.2	16.2	17.6	17.8	19.4	20.5	20.3	17.3	19.1	19.5
37.5°	13.9	15.7	17.6	21.1	20.7	23.2	25.1	27.6	25.2	23.6	26.5
35°	14.3	16.4	22.3	26.6	26.8	28.4	34.6	37.6	35.7	33.8	37.3
32.5°	14.9	17.3	28.5	33.1	35.7	38.1	46.9	48.5	50.2	51.1	53.9
30°	16.4	23.0	35.7	40.4	45.9	55.4	60.1	61.6	68.0	76.7	100.4
27.5°	19.7	30.5	42.6	49.8	58.6	74.8	81.0	81.8	92.5	115.3	172.2
25°	23.8	48.4	49.9	60.5	76.9	96.4	109.1	121.3	125.4	193.7	329.4
22.5°	33.4	71.2	79.3	72.0	96.5	121.6	148.6	182.8	234.8	313.7	514.9
20°	50.3	96.3	115.8	120.9	126.9	150.2	194.3	263.4	425.9	706.3	973.6
17.5°	69.7	125.1	156.7	182.4	211.3	220.7	249.3	359.6	666.8	1266.0	1966.8
15°	91.2	157.0	200.9	251.3	304.6	345.7	405.6	577.9	1073.4	2039.1	3242.7
12.5°	113.8	191.2	247.6	325.8	404.8	478.3	590.7	959.2	1792.6	3132.0	4957.8
10°	137.1	226.8	295.8	404.3	509.9	616.2	782.6	1395.6	2643.1	4296.8	6520.4
7.5°	162.5	261.7	343.9	484.7	617.6	757.0	977.5	1865.0	3523.9	5372.7	7874.0
5°	187.3	294.2	386.5	549.2	705.8	879.1	1154.4	2341.0	4397.8	6354.3	9101.2
2.5°	210.3	324.8	427.7	607.7	778.4	968.4	1251.7	2537.3	4900.9	7078.6	10310.9
0°	230.5	352.9	466.4	661.4	845.9	1051.6	1337.1	2679.4	5247.1	7634.0	11490.8
-2.5°	239.3	363.6	485.6	677.7	843.2	1038.3	1337.5	2726.6	5543.8	8293.7	12086.7
-5°	244.6	371.2	501.0	688.4	836.4	1018.7	1324.5	2705.8	5592.5	8446.1	11851.4
-7.5°	246.9	375.5	511.9	690.7	819.3	979.8	1265.2	2508.1	5062.4	7746.7	10747.5
-10°	246.3	374.4	507.4	669.1	788.1	927.9	1186.1	2247.7	4448.7	6957.2	9574.2
-12.5°	241.8	368.4	497.5	645.5	757.7	873.4	1095.1	1927.2	3776.0	6101.6	8451.2
-15°	235.5	359.9	484.2	620.8	729.6	817.4	992.7	1548.6	3074.9	5334.0	7549.5
-17.5°	227.6	349.3	467.9	596.1	705.0	760.9	883.2	1169.8	2447.9	4511.7	6641.5
-20°	218.6	336.6	448.5	572.2	682.2	723.7	825.0	1054.7	1935.6	3595.4	5655.8



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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°	208.8	322.1	428.3	547.2	649.2	704.4	773.9	932.9	1380.2	2592.3	4591.4
-25°	202.7	306.7	408.7	514.4	616.4	685.9	721.7	816.0	1043.5	1956.1	3468.4
-27.5°	198.8	291.5	382.1	479.0	584.0	663.1	692.6	757.4	917.2	1296.2	2412.8
-30°	191.8	268.1	353.2	442.8	544.3	626.7	674.1	712.2	808.6	1016.1	1654.9
-32.5°	177.5	243.2	324.2	409.0	500.6	592.0	660.1	696.9	759.3	866.6	1081.1
-35°	160.5	222.6	294.6	373.0	455.4	549.3	629.3	690.0	719.5	793.5	931.0
-37.5°	145.0	200.5	263.5	336.8	414.3	500.8	594.2	662.6	711.5	745.5	843.6
-40°	127.8	177.1	236.2	301.8	372.7	452.1	538.7	623.4	688.5	744.9	788.6
-42.5°	109.9	156.5	209.3	265.6	332.4	404.2	480.7	565.1	649.0	725.3	784.3
-45°	96.2	134.4	181.6	234.1	291.1	355.6	426.1	499.8	587.2	675.0	751.5
-47.5°	81.6	112.8	155.4	200.6	251.6	308.4	370.2	439.4	513.4	598.2	687.8
-50°	67.8	95.9	127.2	168.8	213.1	262.3	316.8	377.6	444.0	514.5	592.4
-52.5°	58.0	78.1	105.4	136.9	176.1	218.3	265.8	318.1	375.5	435.5	498.8
-55°	47.4	64.6	84.4	110.3	140.4	177.0	216.9	262.5	308.5	361.9	410.3
-57.5°	37.9	51.9	67.5	86.3	110.7	137.4	172.5	208.8	250.0	291.7	327.4
-60°	28.9	40.3	53.4	67.7	83.5	106.5	130.0	160.3	193.7	225.7	256.3
-62.5°	20.7	30.0	40.7	52.3	65.3	78.5	97.8	119.1	140.3	167.2	192.0
-65°	17.8	21.3	29.0	38.8	48.7	61.2	73.3	84.9	102.8	120.2	136.4
-67.5°	14.7	17.6	20.9	25.8	34.8	44.9	55.1	66.0	76.2	85.2	95.3
-70°	13.5	14.1	16.4	19.5	23.4	29.7	38.8	47.8	56.7	65.2	73.3
-72.5°	12.7	13.2	13.7	14.2	17.3	21.6	26.3	31.3	37.5	44.3	51.5
-75°	11.9	12.4	12.8	13.1	14.1	15.8	18.0	22.0	25.9	29.4	32.6
-77.5°	11.1	11.5	11.8	12.1	12.8	13.8	15.1	16.7	18.6	20.7	22.8
-80°	10.3	10.6	10.9	11.1	11.5	12.1	12.7	13.5	14.7	16.2	17.8
-82.5°	9.5	9.7	9.9	10.1	10.3	10.5	10.7	11.0	11.5	12.2	12.9
-85°	8.8	8.9	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.8	9.9
-87.5°	7.9	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.5	8.5
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.1	7.6	8.0	8.5	8.9	10.2	11.5	12.9	14.2	13.7	13.3
87.5°	7.1	6.7	6.2	5.8	5.3	4.9	4.4	4.0	3.5	3.1	2.7
85°	7.1	7.0	6.9	6.8	6.8	6.4	6.0	5.6	5.2	4.4	3.5
82.5°	7.1	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.3	4.5	3.6
80°	7.2	7.1	7.1	7.1	7.1	6.7	6.3	5.8	5.3	4.5	3.6
77.5°	7.4	7.4	7.4	7.3	7.2	6.7	6.3	5.8	5.4	4.5	3.6
75°	8.9	8.7	8.3	7.9	7.3	6.8	6.3	5.9	5.4	4.9	4.4
72.5°	10.3	10.0	9.4	9.2	8.7	8.3	7.9	7.5	6.9	6.4	6.1
70°	13.6	14.0	13.6	13.0	11.9	10.8	10.2	9.4	8.7	8.0	7.2
67.5°	18.5	18.5	17.5	16.1	14.0	12.1	11.2	10.2	9.3	8.8	8.7
65°	24.2	22.1	19.9	17.4	14.8	12.2	11.3	10.4	9.4	8.9	8.9
62.5°	29.4	23.8	19.2	16.2	14.0	12.2	10.9	9.7	8.5	7.6	7.4
60°	31.7	22.5	16.1	14.1	12.3	10.8	9.6	8.5	7.7	7.0	6.6
57.5°	31.7	21.4	13.7	11.9	10.4	9.3	8.6	8.1	7.6	7.1	6.5
55°	28.8	19.0	11.3	10.2	9.7	9.2	8.7	8.2	7.7	7.1	6.6
52.5°	23.5	16.8	12.0	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.7
50°	20.5	15.4	12.2	10.5	10.0	9.5	9.0	8.8	8.8	8.4	8.0
47.5°	17.7	14.1	12.1	10.7	10.5	11.2	11.8	11.9	11.7	11.3	10.8
45°	15.6	13.6	12.6	13.2	13.7	14.8	15.4	15.5	15.5	15.5	15.4
42.5°	15.4	15.5	16.5	18.3	18.2	20.5	21.6	19.1	21.8	23.3	22.0
40°	20.4	20.9	25.8	29.8	33.4	34.0	39.8	40.6	41.4	43.8	44.2
37.5°	29.9	35.1	50.3	61.6	66.4	66.8	75.2	76.9	74.5	84.7	87.6
35°	45.7	69.5	94.0	108.1	116.1	122.1	133.4	146.5	140.3	162.8	170.7
32.5°	82.1	125.4	170.0	168.3	183.4	223.8	238.9	262.7	287.5	325.5	367.2
30°	138.1	255.1	306.6	287.8	330.4	388.1	388.6	454.9	547.3	625.8	744.0
27.5°	311.2	442.0	509.5	539.7	572.0	644.9	735.3	819.7	1054.9	1215.6	1384.7
25°	528.1	708.9	781.2	893.4	995.3	1062.9	1336.1	1535.5	1873.5	2118.9	2372.8
22.5°	851.6	1090.7	1240.4	1341.9	1685.0	1990.1	2282.0	2716.2	3051.9	3472.8	3789.9
20°	1256.7	1579.5	2129.2	2560.6	2776.2	3424.2	3952.1	4400.9	4996.3	5518.3	5982.5
17.5°	2371.3	2552.6	3701.2	4825.3	5279.7	6117.6	7635.4	8208.1	9922.3	11177.5	11855.3
15°	4293.6	5170.7	6380.5	8254.5	10333.3	11975.5	13414.2	16360.5	19631.3	22530.7	25583.4
12.5°	6789.5	8504.8	10540.9	12833.3	16578.7	19550.9	22734.3	26944.9	32228.6	36827.2	42237.1
10°	9289.9	12188.2	15002.7	18574.7	23305.8	27894.7	32480.0	39148.9	46910.2	54362.0	60805.0
7.5°	11357.4	15286.6	19100.6	24038.9	30483.0	36876.6	43285.2	52105.7	62370.5	70875.2	78186.5
5°	13461.5	18382.3	22856.3	28551.6	36135.9	43922.9	51942.8	62941.2	75065.7	84695.9	92239.4
2.5°	15393.7	20969.6	26148.1	32498.6	40944.5	48563.3	57692.5	71194.4	85641.7	96030.6	104346.7
0°	16954.3	22180.2	27712.8	34103.7	43587.2	51985.4	61768.6	76247.4	91364.6	101744.4	109418.3
-2.5°	16618.3	21904.2	27077.0	33570.2	43091.1	50822.7	60727.0	74972.6	89908.3	100454.2	107346.5
-5°	15569.7	20248.0	24892.5	30990.7	39363.1	46897.1	56596.4	71239.7	85566.3	96320.4	104251.0
-7.5°	14019.1	17991.3	22203.9	27760.6	35048.3	42255.3	50691.6	62361.6	75733.3	85460.7	91209.0
-10°	12386.6	15675.4	19620.5	24316.4	30331.1	36804.3	43810.4	53159.0	64584.8	73115.4	78568.7
-12.5°	10955.5	13805.1	17324.5	20797.6	25704.9	31470.1	37691.3	45341.5	52880.9	61876.5	66591.2
-15°	9637.4	12012.6	15036.8	18366.9	22444.8	26975.9	31433.6	37161.6	42071.3	47690.4	51772.9
-17.5°	8534.6	10431.5	13111.1	16338.3	19408.9	23310.6	27564.5	31444.6	35595.5	39651.8	43037.2
-20°	7538.0	9103.0	11387.8	14229.2	17254.5	20572.4	24326.1	27484.4	30876.3	33958.6	36606.6



REPORT NUMBER: P1306151 (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°	6405.3	7992.2	9761.7	12192.8	15222.6	18197.2	20976.9	23363.7	25926.7	28417.5	30297.7
-25°	5226.4	6749.6	8443.7	10738.0	13219.9	15722.8	17691.4	19371.9	21372.6	23167.3	24780.9
-27.5°	4007.5	5631.4	7458.6	9374.9	11533.8	13124.3	14781.0	16300.8	17821.3	19028.9	20391.5
-30°	2786.0	4558.0	6355.1	8168.8	9647.5	10917.2	12152.8	13546.6	14922.3	16070.0	17031.8
-32.5°	1913.2	3191.4	5004.9	6691.6	7955.5	9034.6	9988.9	11177.4	12243.5	13188.1	14029.6
-35°	1149.1	2049.6	3294.8	4897.8	6280.7	7330.6	8302.6	9203.8	9999.6	10795.1	11428.1
-37.5°	984.5	1183.9	1939.2	3005.1	4321.2	5591.7	6590.4	7433.9	8175.4	8788.1	9325.2
-40°	886.5	1004.4	1169.5	1533.2	2502.4	3472.7	4562.6	5524.1	6306.2	6881.7	7349.1
-42.5°	828.7	904.3	985.0	1114.6	1258.7	1719.2	2553.2	3349.7	4037.1	4674.6	5221.8
-45°	818.8	850.8	894.3	967.3	1033.8	1153.2	1283.5	1410.8	1951.5	2463.9	2884.3
-47.5°	757.5	822.7	862.6	895.4	930.2	986.6	1041.7	1100.7	1199.0	1291.3	1370.5
-50°	667.9	738.2	798.5	857.4	888.3	911.2	933.9	963.3	1001.6	1036.7	1068.9
-52.5°	558.2	625.8	693.4	756.1	805.2	850.3	890.9	909.9	924.4	937.5	947.9
-55°	460.7	514.1	567.3	624.7	681.4	735.3	781.9	812.7	840.4	865.0	885.9
-57.5°	368.7	410.4	453.7	500.4	545.7	589.2	630.7	668.5	702.1	731.4	755.9
-60°	285.7	313.7	349.9	386.9	422.2	455.5	489.2	519.8	547.4	571.8	590.8
-62.5°	214.4	237.7	265.2	291.2	314.4	339.3	370.7	397.0	418.5	436.0	451.4
-65°	154.0	173.5	195.6	217.5	238.9	260.2	282.2	303.3	323.5	339.6	351.1
-67.5°	109.3	123.1	138.7	152.2	168.3	187.0	206.8	225.0	241.6	253.0	259.9
-70°	80.6	88.7	99.9	112.9	126.4	138.8	151.5	164.1	176.5	185.3	191.9
-72.5°	58.8	66.8	75.1	83.5	92.5	101.7	110.9	120.2	129.6	135.4	139.4
-75°	35.6	40.3	47.5	54.6	61.4	67.8	73.8	79.4	84.6	87.4	89.1
-77.5°	25.5	28.8	32.4	36.1	39.8	43.6	47.3	51.1	54.8	56.5	57.7
-80°	19.5	21.3	23.4	25.5	27.7	30.0	32.3	34.6	36.9	37.3	37.3
-82.5°	13.8	15.2	16.6	17.9	19.2	20.5	21.7	22.9	24.0	24.3	24.5
-85°	10.0	10.8	11.7	12.6	13.5	14.4	15.4	16.4	17.3	17.4	17.5
-87.5°	8.6	9.0	9.5	10.0	10.4	11.0	11.5	12.0	12.5	12.4	12.4
-90°	7.1	6.7	6.2	5.8	5.3	4.9	4.4	4.0	3.5	3.1	2.7



REPORT NUMBER: P1306151 (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°
90°	12.9	12.4	12.4	12.4	12.4	12.4	12.9	13.3	13.7	14.2	12.9
87.5°	2.2	1.8	0.9	0.0	0.9	1.8	2.2	2.7	3.1	3.5	4.0
85°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.5	4.4	5.2	5.6
82.5°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.3	5.8
80°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.3	5.8
77.5°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.4	5.8
75°	3.9	3.5	2.7	1.8	2.7	3.5	3.9	4.4	4.9	5.4	5.9
72.5°	5.7	5.3	5.3	5.3	5.3	5.3	5.7	6.1	6.4	6.9	7.5
70°	6.3	5.4	5.3	5.3	5.3	5.4	6.3	7.2	8.0	8.7	9.4
67.5°	8.7	8.8	8.0	7.1	8.0	8.8	8.7	8.7	8.8	9.3	10.2
65°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.4	10.4
62.5°	7.3	7.2	7.1	7.1	7.1	7.2	7.3	7.4	7.6	8.5	9.7
60°	6.1	5.5	5.3	5.3	5.3	5.5	6.1	6.6	7.0	7.7	8.5
57.5°	6.0	5.5	5.3	5.3	5.3	5.5	6.0	6.5	7.1	7.6	8.1
55°	6.0	5.5	5.3	5.3	5.3	5.5	6.0	6.6	7.1	7.7	8.2
52.5°	6.1	5.5	6.0	7.1	6.0	5.5	6.1	6.7	7.2	7.8	8.3
50°	7.7	7.2	7.1	7.1	7.1	7.2	7.7	8.0	8.4	8.8	8.8
47.5°	10.2	9.4	8.9	8.9	8.9	9.4	10.2	10.8	11.3	11.7	11.9
45°	14.5	13.2	12.3	12.4	12.3	13.2	14.5	15.4	15.5	15.5	15.5
42.5°	21.7	21.3	21.1	21.3	21.1	21.3	21.7	22.0	23.3	21.8	19.1
40°	46.7	47.4	47.2	47.9	47.2	47.4	46.7	44.2	43.8	41.4	40.6
37.5°	88.0	85.1	80.6	81.6	80.6	85.1	88.0	87.6	84.7	74.5	76.9
35°	171.7	176.1	175.8	177.3	175.8	176.1	171.7	170.7	162.8	140.3	146.5
32.5°	397.3	418.4	418.9	427.4	418.9	418.4	397.3	367.2	325.5	287.5	262.7
30°	780.6	797.4	772.1	783.8	772.1	797.4	780.6	744.0	625.8	547.3	454.9
27.5°	1472.6	1534.6	1533.9	1507.3	1533.9	1534.6	1472.6	1384.7	1215.6	1054.9	819.7
25°	2586.5	2682.3	2664.6	2633.3	2664.6	2682.3	2586.5	2372.8	2118.9	1873.5	1535.5
22.5°	4077.9	4236.3	4363.1	4280.7	4363.1	4236.3	4077.9	3789.9	3472.8	3051.9	2716.2
20°	6665.4	6710.6	6845.3	6797.0	6845.3	6710.6	6665.4	5982.5	5518.3	4996.3	4400.9
17.5°	13691.9	14183.1	13841.4	12801.3	13841.4	14183.1	13691.9	11855.3	11177.5	9922.3	8208.1
15°	27727.6	29786.4	31385.0	30507.5	31385.0	29786.4	27727.6	25583.4	22530.7	19631.3	16360.5
12.5°	45407.6	46926.7	47943.0	48017.7	47943.0	46926.7	45407.6	42237.1	36827.2	32228.6	26944.9
10°	65174.2	66516.5	68314.6	68567.3	68314.6	66516.5	65174.2	60805.0	54362.0	46910.2	39148.9
7.5°	81815.0	84537.1	85797.3	85628.0	85797.3	84537.1	81815.0	78186.5	70875.2	62370.5	52105.7
5°	96697.4	99517.5	100752.8	100958.0	100752.8	99517.5	96697.4	92239.4	84695.9	75065.7	62941.2
2.5°	109327.9	112175.1	113659.2	113252.1	113659.2	112175.1	109327.9	104346.7	96030.6	85641.7	71194.4
0°	113414.3	115656.7	116900.6	116559.3	116900.6	115656.7	113414.3	109418.3	101744.4	91364.6	76247.4
-2.5°	110816.7	112167.8	113105.3	112743.2	113105.3	112167.8	110816.7	107346.5	100454.2	89908.3	74972.6
-5°	107937.8	109541.1	109891.8	110320.9	109891.8	109541.1	107937.8	104251.0	96320.4	85566.3	71239.7
-7.5°	93395.7	95110.7	95677.1	96535.4	95677.1	95110.7	93395.7	91209.0	85460.7	75733.3	62361.6
-10°	81536.2	83459.7	83552.4	84081.7	83552.4	83459.7	81536.2	78568.7	73115.4	64584.8	53159.0
-12.5°	71602.3	74249.4	75127.6	74917.5	75127.6	74249.4	71602.3	66591.2	61876.5	52880.9	45341.5
-15°	57208.1	59469.3	59630.6	59736.4	59630.6	59469.3	57208.1	51772.9	47690.4	42071.3	37161.6
-17.5°	46629.7	48827.0	49674.1	49937.3	49674.1	48827.0	46629.7	43037.2	39651.8	35595.5	31444.6
-20°	38879.6	40515.5	41550.2	41978.8	41550.2	40515.5	38879.6	36606.6	33958.6	30876.3	27484.4



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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°	31941.2	32978.2	33356.3	33451.1	33356.3	32978.2	31941.2	30297.7	28417.5	25926.7	23363.7
-25°	25914.3	26738.0	27216.8	27416.6	27216.8	26738.0	25914.3	24780.9	23167.3	21372.6	19371.9
-27.5°	21275.3	22008.3	22469.2	22540.1	22469.2	22008.3	21275.3	20391.5	19028.9	17821.3	16300.8
-30°	17768.2	18411.9	18842.6	18959.9	18842.6	18411.9	17768.2	17031.8	16070.0	14922.3	13546.6
-32.5°	14722.8	15273.8	15611.7	15757.3	15611.7	15273.8	14722.8	14029.6	13188.1	12243.5	11177.4
-35°	11900.7	12271.0	12487.4	12416.5	12487.4	12271.0	11900.7	11428.1	10795.1	9999.6	9203.8
-37.5°	9755.9	10053.9	10216.0	10224.7	10216.0	10053.9	9755.9	9325.2	8788.1	8175.4	7433.9
-40°	7736.2	8038.8	8221.3	8231.6	8221.3	8038.8	7736.2	7349.1	6881.7	6306.2	5524.1
-42.5°	5657.0	5966.9	6178.6	6316.4	6178.6	5966.9	5657.0	5221.8	4674.6	4037.1	3349.7
-45°	3235.0	3502.7	3706.9	3855.1	3706.9	3502.7	3235.0	2884.3	2463.9	1951.5	1410.8
-47.5°	1429.7	1473.1	1492.0	1486.0	1492.0	1473.1	1429.7	1370.5	1291.3	1199.0	1100.7
-50°	1098.4	1124.1	1137.0	1136.7	1137.0	1124.1	1098.4	1068.9	1036.7	1001.6	963.3
-52.5°	956.0	962.5	966.3	968.2	966.3	962.5	956.0	947.9	937.5	924.4	909.9
-55°	903.2	916.8	921.8	920.3	921.8	916.8	903.2	885.9	865.0	840.4	812.7
-57.5°	776.8	793.6	804.7	810.4	804.7	793.6	776.8	755.9	731.4	702.1	668.5
-60°	605.2	615.1	621.4	624.2	621.4	615.1	605.2	590.8	571.8	547.4	519.8
-62.5°	464.8	476.2	481.9	484.1	481.9	476.2	464.8	451.4	436.0	418.5	397.0
-65°	361.0	369.4	373.9	375.9	373.9	369.4	361.0	351.1	339.6	323.5	303.3
-67.5°	265.1	268.8	270.7	271.3	270.7	268.8	265.1	259.9	253.0	241.6	225.0
-70°	198.0	203.5	206.9	209.2	206.9	203.5	198.0	191.9	185.3	176.5	164.1
-72.5°	142.8	145.6	147.7	149.0	147.7	145.6	142.8	139.4	135.4	129.6	120.2
-75°	90.5	91.5	92.0	92.2	92.0	91.5	90.5	89.1	87.4	84.6	79.4
-77.5°	58.9	59.8	61.1	62.1	61.1	59.8	58.9	57.7	56.5	54.8	51.1
-80°	37.2	37.0	37.2	37.2	37.2	37.0	37.2	37.3	37.3	36.9	34.6
-82.5°	24.6	24.7	24.8	24.8	24.8	24.7	24.6	24.5	24.3	24.0	22.9
-85°	17.6	17.7	17.7	17.7	17.7	17.7	17.6	17.5	17.4	17.3	16.4
-87.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.0
-90°	2.2	1.8	0.9	0.0	0.9	1.8	2.2	2.7	3.1	3.5	4.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.5	10.2	8.9	8.5	8.0	7.6	7.1	7.1	7.1	7.1	7.1
87.5°	4.4	4.9	5.3	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1
85°	6.0	6.4	6.8	6.8	6.9	7.0	7.1	7.1	7.1	7.1	7.1
82.5°	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.3	7.4	7.4	7.3
80°	6.3	6.7	7.1	7.1	7.1	7.1	7.2	7.6	8.1	8.4	8.6
77.5°	6.3	6.7	7.2	7.3	7.4	7.4	7.4	7.7	8.1	8.6	8.9
75°	6.3	6.8	7.3	7.9	8.3	8.7	8.9	9.0	9.2	9.3	9.2
72.5°	7.9	8.3	8.7	9.2	9.4	10.0	10.3	10.5	10.6	10.6	10.2
70°	10.2	10.8	11.9	13.0	13.6	14.0	13.6	13.0	12.2	12.0	11.4
67.5°	11.2	12.1	14.0	16.1	17.5	18.5	18.5	17.4	16.3	15.3	13.3
65°	11.3	12.2	14.8	17.4	19.9	22.1	24.2	24.4	23.3	20.7	16.0
62.5°	10.9	12.2	14.0	16.2	19.2	23.8	29.4	31.9	32.2	28.3	21.7
60°	9.6	10.8	12.3	14.1	16.1	22.5	31.7	38.3	42.4	36.0	27.1
57.5°	8.6	9.3	10.4	11.9	13.7	21.4	31.7	42.9	50.3	40.5	31.6
55°	8.7	9.2	9.7	10.2	11.3	19.0	28.8	40.0	47.1	41.8	31.8
52.5°	8.8	9.3	9.8	10.3	12.0	16.8	23.5	34.1	38.1	34.1	28.8
50°	9.0	9.5	10.0	10.5	12.2	15.4	20.5	27.7	28.1	26.7	22.5
47.5°	11.8	11.2	10.5	10.7	12.1	14.1	17.7	21.0	21.9	20.5	17.6
45°	15.4	14.8	13.7	13.2	12.6	13.6	15.6	17.7	18.5	17.8	14.6
42.5°	21.6	20.5	18.2	18.3	16.5	15.5	15.4	17.1	17.3	16.9	16.5
40°	39.8	34.0	33.4	29.8	25.8	20.9	20.4	19.5	19.1	17.3	20.3
37.5°	75.2	66.8	66.4	61.6	50.3	35.1	29.9	26.5	23.6	25.2	27.6
35°	133.4	122.1	116.1	108.1	94.0	69.5	45.7	37.3	33.8	35.7	37.6
32.5°	238.9	223.8	183.4	168.3	170.0	125.4	82.1	53.9	51.1	50.2	48.5
30°	388.6	388.1	330.4	287.8	306.6	255.1	138.1	100.4	76.7	68.0	61.6
27.5°	735.3	644.9	572.0	539.7	509.5	442.0	311.2	172.2	115.3	92.5	81.8
25°	1336.1	1062.9	995.3	893.4	781.2	708.9	528.1	329.4	193.7	125.4	121.3
22.5°	2282.0	1990.1	1685.0	1341.9	1240.4	1090.7	851.6	514.9	313.7	234.8	182.8
20°	3952.1	3424.2	2776.2	2560.6	2129.2	1579.5	1256.7	973.6	706.3	425.9	263.4
17.5°	7635.4	6117.6	5279.7	4825.3	3701.2	2552.6	2371.3	1966.8	1266.0	666.8	359.6
15°	13414.2	11975.5	10333.3	8254.5	6380.5	5170.7	4293.6	3242.7	2039.1	1073.4	577.9
12.5°	22734.3	19550.9	16578.7	12833.3	10540.9	8504.8	6789.5	4957.8	3132.0	1792.6	959.2
10°	32480.0	27894.7	23305.8	18574.7	15002.7	12188.2	9289.9	6520.4	4296.8	2643.1	1395.6
7.5°	43285.2	36876.6	30483.0	24038.9	19100.6	15286.6	11357.4	7874.0	5372.7	3523.9	1865.0
5°	51942.8	43922.9	36135.9	28551.6	22856.3	18382.3	13461.5	9101.2	6354.3	4397.8	2341.0
2.5°	57692.5	48563.3	40944.5	32498.6	26148.1	20969.6	15393.7	10310.9	7078.6	4900.9	2537.3
0°	61768.6	51985.4	43587.2	34103.7	27712.8	22180.2	16954.3	11490.8	7634.0	5247.1	2679.4
-2.5°	60727.0	50822.7	43091.1	33570.2	27077.0	21904.2	16618.3	12086.7	8293.7	5543.8	2726.6
-5°	56596.4	46897.1	39363.1	30990.7	24892.5	20248.0	15569.7	11851.4	8446.1	5592.5	2705.8
-7.5°	50691.6	42255.3	35048.3	27760.6	22203.9	17991.3	14019.1	10747.5	7746.7	5062.4	2508.1
-10°	43810.4	36804.3	30331.1	24316.4	19620.5	15675.4	12386.6	9574.2	6957.2	4448.7	2247.7
-12.5°	37691.3	31470.1	25704.9	20797.6	17324.5	13805.1	10955.5	8451.2	6101.6	3776.0	1927.2
-15°	31433.6	26975.9	22444.8	18366.9	15036.8	12012.6	9637.4	7549.5	5334.0	3074.9	1548.6
-17.5°	27564.5	23310.6	19408.9	16338.3	13111.1	10431.5	8534.6	6641.5	4511.7	2447.9	1169.8
-20°	24326.1	20572.4	17254.5	14229.2	11387.8	9103.0	7538.0	5655.8	3595.4	1935.6	1054.7



REPORT NUMBER: P1306151 (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°	20976.9	18197.2	15222.6	12192.8	9761.7	7992.2	6405.3	4591.4	2592.3	1380.2	932.9
-25°	17691.4	15722.8	13219.9	10738.0	8443.7	6749.6	5226.4	3468.4	1956.1	1043.5	816.0
-27.5°	14781.0	13124.3	11533.8	9374.9	7458.6	5631.4	4007.5	2412.8	1296.2	917.2	757.4
-30°	12152.8	10917.2	9647.5	8168.8	6355.1	4558.0	2786.0	1654.9	1016.1	808.6	712.2
-32.5°	9988.9	9034.6	7955.5	6691.6	5004.9	3191.4	1913.2	1081.1	866.6	759.3	696.9
-35°	8302.6	7330.6	6280.7	4897.8	3294.8	2049.6	1149.1	931.0	793.5	719.5	690.0
-37.5°	6590.4	5591.7	4321.2	3005.1	1939.2	1183.9	984.5	843.6	745.5	711.5	662.6
-40°	4562.6	3472.7	2502.4	1533.2	1169.5	1004.4	886.5	788.6	744.9	688.5	623.4
-42.5°	2553.2	1719.2	1258.7	1114.6	985.0	904.3	828.7	784.3	725.3	649.0	565.1
-45°	1283.5	1153.2	1033.8	967.3	894.3	850.8	818.8	751.5	675.0	587.2	499.8
-47.5°	1041.7	986.6	930.2	895.4	862.6	822.7	757.5	687.8	598.2	513.4	439.4
-50°	933.9	911.2	888.3	857.4	798.5	738.2	667.9	592.4	514.5	444.0	377.6
-52.5°	890.9	850.3	805.2	756.1	693.4	625.8	558.2	498.8	435.5	375.5	318.1
-55°	781.9	735.3	681.4	624.7	567.3	514.1	460.7	410.3	361.9	308.5	262.5
-57.5°	630.7	589.2	545.7	500.4	453.7	410.4	368.7	327.4	291.7	250.0	208.8
-60°	489.2	455.5	422.2	386.9	349.9	313.7	285.7	256.3	225.7	193.7	160.3
-62.5°	370.7	339.3	314.4	291.2	265.2	237.7	214.4	192.0	167.2	140.3	119.1
-65°	282.2	260.2	238.9	217.5	195.6	173.5	154.0	136.4	120.2	102.8	84.9
-67.5°	206.8	187.0	168.3	152.2	138.7	123.1	109.3	95.3	85.2	76.2	66.0
-70°	151.5	138.8	126.4	112.9	99.9	88.7	80.6	73.3	65.2	56.7	47.8
-72.5°	110.9	101.7	92.5	83.5	75.1	66.8	58.8	51.5	44.3	37.5	31.3
-75°	73.8	67.8	61.4	54.6	47.5	40.3	35.6	32.6	29.4	25.9	22.0
-77.5°	47.3	43.6	39.8	36.1	32.4	28.8	25.5	22.8	20.7	18.6	16.7
-80°	32.3	30.0	27.7	25.5	23.4	21.3	19.5	17.8	16.2	14.7	13.5
-82.5°	21.7	20.5	19.2	17.9	16.6	15.2	13.8	12.9	12.2	11.5	11.0
-85°	15.4	14.4	13.5	12.6	11.7	10.8	10.0	9.9	9.8	9.7	9.6
-87.5°	11.5	11.0	10.4	10.0	9.5	9.0	8.6	8.5	8.5	8.4	8.4
-90°	4.4	4.9	5.3	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.4	7.5
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.5	7.7	7.9
82.5°	7.1	7.1	7.1	7.1	7.4	7.6	7.6	7.6	7.8	8.0	8.3
80°	8.4	8.1	7.9	7.7	7.8	8.1	8.3	8.3	8.3	8.4	8.6
77.5°	8.9	8.9	8.9	8.7	8.5	8.5	8.7	8.9	8.8	8.7	8.7
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.9	8.9	8.9	8.8
72.5°	9.6	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	10.5	9.6	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
67.5°	11.5	10.6	9.6	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9
65°	13.6	11.8	10.5	9.7	9.1	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	16.5	13.1	11.4	10.3	9.5	9.0	8.9	8.9	8.9	8.9	8.9
60°	20.2	15.2	12.5	11.1	10.0	9.1	8.9	8.9	8.9	8.9	8.9
57.5°	23.1	16.7	14.3	12.2	10.7	9.5	8.9	8.9	8.9	8.9	8.9
55°	24.2	18.1	16.0	13.9	11.7	10.1	9.1	8.9	8.9	8.9	8.9
52.5°	21.5	18.7	17.4	15.4	13.2	10.9	9.8	8.9	8.9	8.9	8.9
50°	16.9	17.6	17.7	16.3	14.5	12.3	10.4	9.4	8.9	8.9	9.0
47.5°	14.9	16.6	17.0	16.8	15.2	13.5	11.4	10.0	8.9	8.9	9.1
45°	15.4	15.9	16.6	16.3	15.7	14.2	12.3	10.5	9.4	9.1	9.3
42.5°	17.0	17.0	16.7	16.1	15.9	14.7	13.1	11.2	9.8	9.3	9.5
40°	20.5	19.4	17.8	17.6	16.2	15.2	13.5	11.8	10.3	9.7	9.7
37.5°	25.1	23.2	20.7	21.1	17.6	15.7	13.9	12.2	11.0	10.3	10.0
35°	34.6	28.4	26.8	26.6	22.3	16.4	14.3	12.6	11.8	10.9	10.3
32.5°	46.9	38.1	35.7	33.1	28.5	17.3	14.9	13.7	12.7	11.5	10.7
30°	60.1	55.4	45.9	40.4	35.7	23.0	16.4	15.0	13.5	12.1	11.1
27.5°	81.0	74.8	58.6	49.8	42.6	30.5	19.7	16.6	14.5	12.7	11.6
25°	109.1	96.4	76.9	60.5	49.9	48.4	23.8	18.4	15.6	13.5	12.1
22.5°	148.6	121.6	96.5	72.0	79.3	71.2	33.4	21.6	17.0	14.3	12.5
20°	194.3	150.2	126.9	120.9	115.8	96.3	50.3	25.2	18.4	15.0	13.0
17.5°	249.3	220.7	211.3	182.4	156.7	125.1	69.7	29.1	20.0	15.8	13.5
15°	405.6	345.7	304.6	251.3	200.9	157.0	91.2	33.3	21.5	16.5	13.8
12.5°	590.7	478.3	404.8	325.8	247.6	191.2	113.8	37.7	23.1	17.2	13.9
10°	782.6	616.2	509.9	404.3	295.8	226.8	137.1	42.5	25.2	17.7	14.0
7.5°	977.5	757.0	617.6	484.7	343.9	261.7	162.5	48.1	27.4	18.2	14.1
5°	1154.4	879.1	705.8	549.2	386.5	294.2	187.3	53.7	29.6	18.7	14.2
2.5°	1251.7	968.4	778.4	607.7	427.7	324.8	210.3	59.0	31.7	19.1	14.2
0°	1337.1	1051.6	845.9	661.4	466.4	352.9	230.5	63.8	33.7	19.5	14.2
-2.5°	1337.5	1038.3	843.2	677.7	485.6	363.6	239.3	77.9	42.4	24.3	15.8
-5°	1324.5	1018.7	836.4	688.4	501.0	371.2	244.6	91.1	50.6	28.8	17.4
-7.5°	1265.2	979.8	819.3	690.7	511.9	375.5	246.9	103.1	58.1	33.0	18.8
-10°	1186.1	927.9	788.1	669.1	507.4	374.4	246.3	113.5	64.8	36.6	20.0
-12.5°	1095.1	873.4	757.7	645.5	497.5	368.4	241.8	121.5	70.5	39.6	21.0
-15°	992.7	817.4	729.6	620.8	484.2	359.9	235.5	127.4	75.3	42.1	21.6
-17.5°	883.2	760.9	705.0	596.1	467.9	349.3	227.6	131.4	78.7	44.2	22.6
-20°	825.0	723.7	682.2	572.2	448.5	336.6	218.6	133.3	80.7	45.5	23.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	773.9	704.4	649.2	547.2	428.3	322.1	208.8	132.9	81.3	45.9	24.7
-25°	721.7	685.9	616.4	514.4	408.7	306.7	202.7	130.2	80.1	45.3	25.1
-27.5°	692.6	663.1	584.0	479.0	382.1	291.5	198.8	128.6	78.1	43.7	25.1
-30°	674.1	626.7	544.3	442.8	353.2	268.1	191.8	124.9	76.1	42.8	24.6
-32.5°	660.1	592.0	500.6	409.0	324.2	243.2	177.5	118.8	72.8	42.1	24.4
-35°	629.3	549.3	455.4	373.0	294.6	222.6	160.5	110.4	68.0	40.7	23.9
-37.5°	594.2	500.8	414.3	336.8	263.5	200.5	145.0	98.9	61.8	38.7	22.9
-40°	538.7	452.1	372.7	301.8	236.2	177.1	127.8	88.1	57.6	36.0	21.3
-42.5°	480.7	404.2	332.4	265.6	209.3	156.5	109.9	76.6	52.4	33.3	19.1
-45°	426.1	355.6	291.1	234.1	181.6	134.4	96.2	65.0	46.4	30.2	17.3
-47.5°	370.2	308.4	251.6	200.6	155.4	112.8	81.6	57.6	39.9	26.2	16.2
-50°	316.8	262.3	213.1	168.8	127.2	95.9	67.8	49.5	34.2	21.2	15.1
-52.5°	265.8	218.3	176.1	136.9	105.4	78.1	58.0	41.0	28.1	18.3	13.7
-55°	216.9	177.0	140.4	110.3	84.4	64.6	47.4	33.7	21.7	16.4	12.3
-57.5°	172.5	137.4	110.7	86.3	67.5	51.9	37.9	26.1	18.5	14.4	11.9
-60°	130.0	106.5	83.5	67.7	53.4	40.3	28.9	19.9	16.2	12.7	11.5
-62.5°	97.8	78.5	65.3	52.3	40.7	30.0	20.7	17.3	13.8	12.3	11.1
-65°	73.3	61.2	48.7	38.8	29.0	21.3	17.8	14.6	12.9	11.8	10.8
-67.5°	55.1	44.9	34.8	25.8	20.9	17.6	14.7	13.4	12.3	11.3	10.7
-70°	38.8	29.7	23.4	19.5	16.4	14.1	13.5	12.7	11.7	11.1	10.7
-72.5°	26.3	21.6	17.3	14.2	13.7	13.2	12.7	12.1	11.4	10.9	10.6
-75°	18.0	15.8	14.1	13.1	12.8	12.4	11.9	11.5	10.9	10.6	10.2
-77.5°	15.1	13.8	12.8	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7
-80°	12.7	12.1	11.5	11.1	10.9	10.6	10.3	10.1	9.8	9.5	9.2
-82.5°	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.4	9.1	8.9	8.7
-85°	9.5	9.4	9.3	9.1	9.0	8.9	8.8	8.6	8.5	8.3	8.2
-87.5°	8.3	8.3	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.6	7.5	7.4	7.3	7.3	7.1	7.1
85°	8.0	7.9	7.7	7.6	7.4	7.2	7.1
82.5°	8.5	8.3	8.0	7.8	7.6	7.2	7.1
80°	8.9	8.7	8.3	8.0	7.7	7.3	7.1
77.5°	8.9	8.9	8.7	8.3	7.9	7.3	7.1
75°	8.9	8.9	8.9	8.5	8.0	7.3	7.1
72.5°	8.9	8.9	8.9	8.7	8.1	7.4	7.1
70°	8.9	8.9	8.9	8.9	8.3	7.4	7.1
67.5°	8.9	8.9	8.9	8.9	8.4	7.4	7.1
65°	8.9	8.9	8.9	8.9	8.5	7.4	7.1
62.5°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
60°	8.9	8.9	8.9	8.9	8.7	7.5	7.1
57.5°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
55°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
52.5°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
50°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
47.5°	8.9	8.9	8.9	8.9	8.6	7.5	7.1
45°	9.1	8.9	8.9	8.9	8.6	7.6	7.1
42.5°	9.2	8.9	8.9	8.9	8.6	7.5	7.1
40°	9.4	8.9	8.9	8.9	8.6	7.5	7.1
37.5°	9.6	8.9	8.9	8.9	8.6	7.5	7.1
35°	9.9	9.0	8.9	8.9	8.6	7.5	7.1
32.5°	10.1	9.2	8.9	8.9	8.6	7.5	7.1
30°	10.4	9.4	8.9	8.9	8.7	7.5	7.1
27.5°	10.7	9.6	8.9	8.9	8.7	7.5	7.1
25°	11.0	9.8	8.9	8.9	8.7	7.4	7.1
22.5°	11.3	9.9	8.9	8.9	8.7	7.4	7.1
20°	11.7	10.1	8.9	8.9	8.8	7.4	7.1
17.5°	11.9	10.2	8.9	8.9	8.8	7.4	7.1
15°	12.0	10.3	8.9	8.9	8.8	7.3	7.1
12.5°	12.1	10.4	8.9	8.9	8.8	7.3	7.1
10°	12.2	10.5	8.9	8.9	8.9	7.3	7.1
7.5°	12.3	10.5	8.9	8.9	8.9	7.2	7.1
5°	12.4	10.6	8.9	8.9	8.9	7.2	7.1
2.5°	12.4	10.6	8.9	8.9	8.9	7.1	7.1
0°	12.4	10.6	8.9	8.9	8.9	7.1	7.1
-2.5°	12.6	10.8	9.0	8.9	8.9	7.1	7.1
-5°	12.8	11.0	9.2	8.9	8.9	7.2	7.1
-7.5°	13.0	11.1	9.3	8.9	8.9	7.2	7.1
-10°	13.2	11.3	9.5	8.9	8.9	7.3	7.1
-12.5°	13.3	11.4	9.6	8.9	8.8	7.3	7.1
-15°	13.5	11.5	9.7	8.9	8.8	7.3	7.1
-17.5°	13.5	11.6	9.7	8.9	8.8	7.4	7.1
-20°	14.0	11.6	9.8	8.9	8.8	7.4	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.8	11.7	9.8	8.9	8.7	7.4	7.1
-25°	15.3	11.7	9.8	8.9	8.7	7.4	7.1
-27.5°	15.5	11.7	9.8	8.9	8.7	7.5	7.1
-30°	15.4	11.6	9.7	8.9	8.7	7.5	7.1
-32.5°	15.0	11.5	9.6	8.9	8.6	7.5	7.1
-35°	14.7	11.3	9.5	8.9	8.6	7.5	7.1
-37.5°	14.4	11.0	9.4	8.9	8.6	7.5	7.1
-40°	13.9	10.8	9.2	8.9	8.6	7.5	7.1
-42.5°	13.4	10.7	9.2	8.9	8.6	7.5	7.1
-45°	12.7	10.5	9.3	9.0	8.6	7.6	7.1
-47.5°	11.9	10.3	9.3	9.0	8.6	7.5	7.1
-50°	11.5	10.0	9.4	9.0	8.6	7.5	7.1
-52.5°	11.2	9.8	9.4	9.0	8.6	7.5	7.1
-55°	10.9	9.8	9.4	9.0	8.6	7.5	7.1
-57.5°	10.6	9.9	9.5	9.0	8.6	7.5	7.1
-60°	10.3	9.9	9.5	9.0	8.7	7.5	7.1
-62.5°	10.3	9.9	9.5	9.0	8.6	7.5	7.1
-65°	10.4	10.0	9.4	9.0	8.5	7.4	7.1
-67.5°	10.4	9.9	9.3	8.9	8.4	7.4	7.1
-70°	10.5	9.7	9.2	8.9	8.3	7.4	7.1
-72.5°	10.1	9.5	9.1	8.7	8.1	7.4	7.1
-75°	9.8	9.2	8.9	8.5	8.0	7.3	7.1
-77.5°	9.4	9.0	8.7	8.3	7.9	7.3	7.1
-80°	9.0	8.7	8.3	8.0	7.7	7.3	7.1
-82.5°	8.5	8.3	8.0	7.8	7.6	7.2	7.1
-85°	8.0	7.9	7.7	7.6	7.4	7.2	7.1
-87.5°	7.6	7.5	7.4	7.3	7.3	7.1	7.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1

(END OF REPORT)