

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: P1306167 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

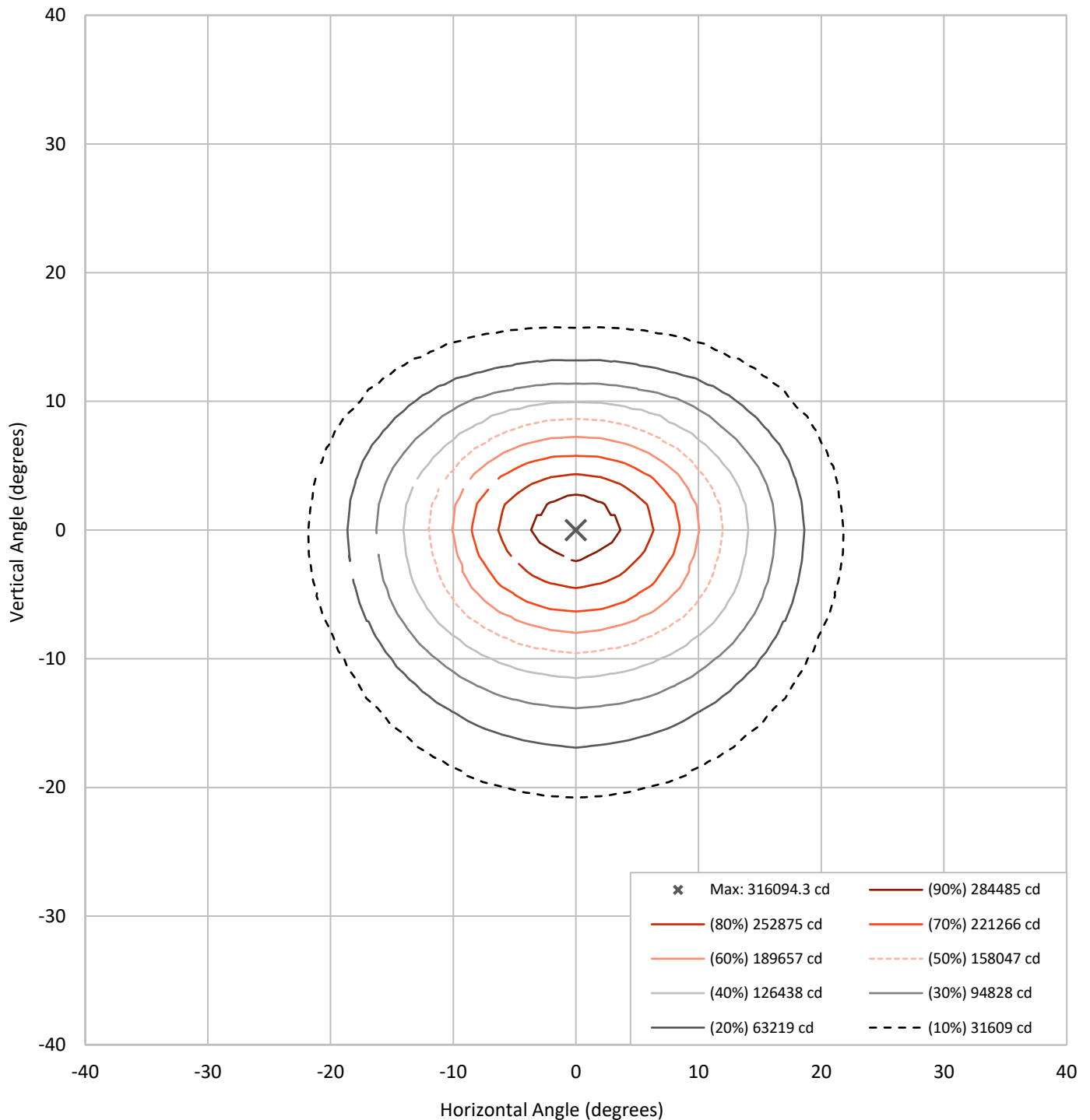
Test Method: LM-79-08
Report Number: P1306167 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	52843.1 lumens	Max Intensity:	316094.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	22605.1 lumens	Field Lumens:	45159.7 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
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





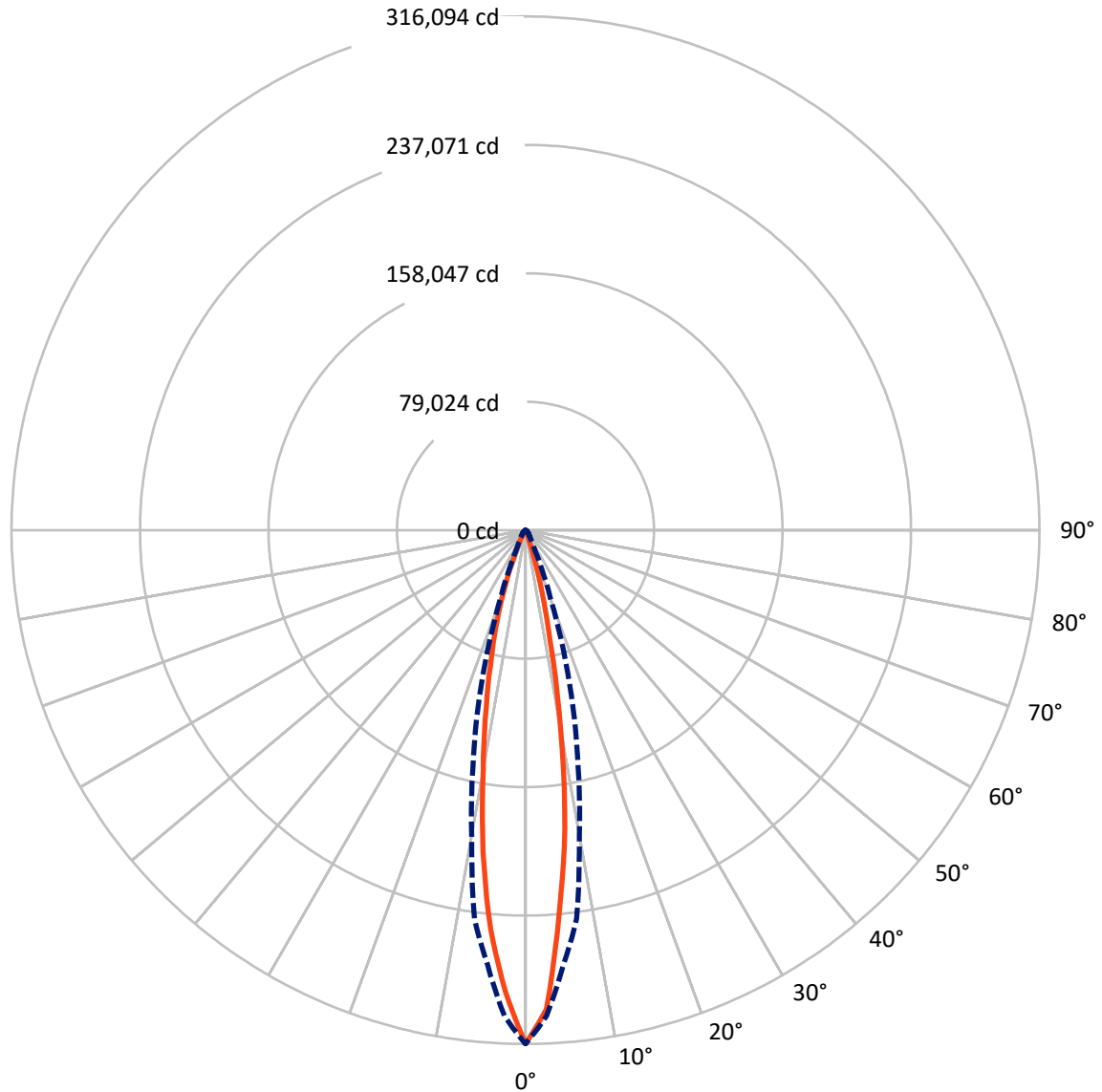
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Lumen Table

90	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
80	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.6	0.2	0.1	0.2
60		0.1	0.4	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.4	0.1	
50	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.2	0.2
40		0.2	0.5	0.8	1.4	2.1	2.6	3.4	3.4	2.6	2.1	1.4	0.8	0.5	0.2	
30	0.2	0.4	1.5	3.7	7.0	10.6	24.0	48.3	48.3	24.0	10.6	7.0	3.7	1.5	0.4	0.2
20		1.0	5.4	17.3	38.1	102.1	566.1	1295.3	1295.3	566.1	102.1	38.1	17.3	5.4	1.0	
10	0.3	1.9	11.4	41.1	95.8	421.5	2643.5	6170.5	6170.5	2643.5	421.5	95.8	41.1	11.4	1.9	0.3
0		2.6	13.6	48.1	107.5	449.2	2819.5	6355.4	6355.4	2819.5	449.2	107.5	48.1	13.6	2.6	
-10	0.5	2.7	11.7	36.5	76.3	193.6	1023.7	2303.8	2303.8	1023.7	193.6	76.3	36.5	11.7	2.7	0.5
-20		2.6	9.5	22.9	53.9	91.3	198.2	398.6	398.6	198.2	91.3	53.9	22.9	9.5	2.6	
-30	0.4	2.4	7.6	16.0	34.9	63.0	85.6	99.8	99.8	85.6	63.0	34.9	16.0	7.6	2.4	0.4
-40		1.7	5.6	12.1	21.7	35.3	54.1	68.1	68.1	54.1	35.3	21.7	12.1	5.6	1.7	
-50	0.2	0.8	3.3	7.7	13.7	20.2	25.6	28.8	28.8	25.6	20.2	13.7	7.7	3.3	0.8	0.2
-60		0.3	1.1	3.3	6.2	9.6	12.8	14.8	14.8	12.8	9.6	6.2	3.3	1.1	0.3	
-70	0.2	0.8	2.5		6.8		10.5		6.8		2.5		0.8		0.2	
-80		0.2	0.8		2.5		6.8		10.5		6.8		2.5			0.2
-90	0.2	0.8		2.5		6.8		10.5		6.8		2.5		0.2		

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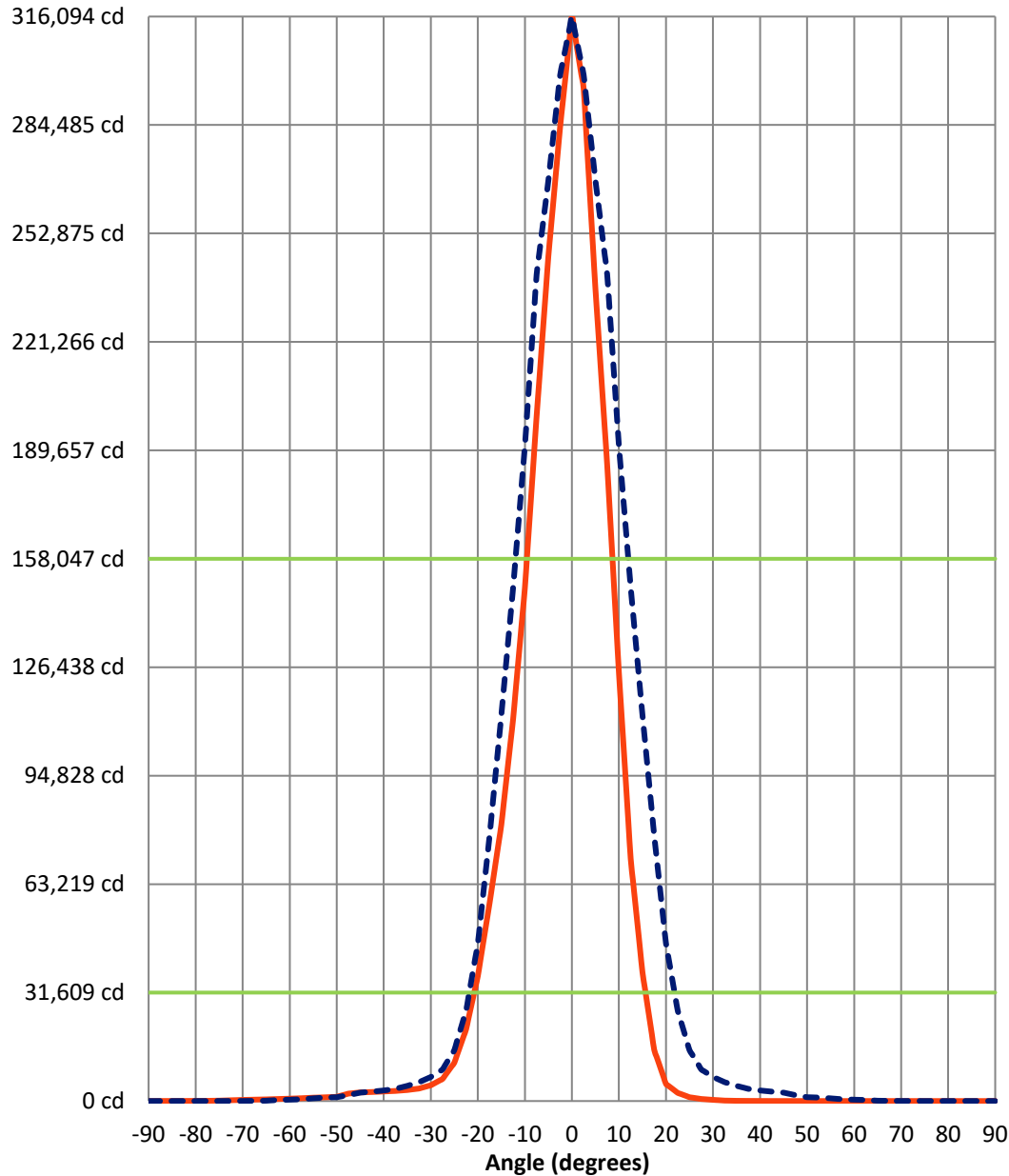
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 22605.1
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 45159.7
 Efficiency: 85.5%

Spill:
 Lumens: 7683.4
 Efficiency: 14.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.2
67.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.3	7.9
65°	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.7	7.2	7.9	8.2
62.5°	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.0	7.7	8.2	7.7
60°	6.7	6.7	6.7	6.7	6.7	7.0	7.0	7.4	8.2	8.0	7.3
57.5°	6.7	6.7	6.7	6.7	6.8	7.2	7.3	7.9	8.2	7.8	7.3
55°	6.7	6.7	6.7	6.7	7.0	7.3	7.6	8.3	8.2	7.7	7.4
52.5°	6.7	6.7	6.8	6.7	7.2	7.5	7.9	8.3	8.2	7.8	7.5
50°	6.7	6.7	6.8	6.7	7.4	7.7	8.1	8.4	8.2	7.9	9.0
47.5°	6.7	6.7	6.8	6.7	7.5	7.9	8.3	8.5	8.3	8.0	10.4
45°	6.7	6.7	6.9	6.9	7.7	8.0	8.5	8.7	8.5	8.8	11.5
42.5°	6.7	6.7	6.9	7.0	7.9	8.1	8.6	8.9	8.7	9.4	12.6
40°	6.7	6.7	7.0	7.2	8.1	8.2	8.8	9.1	9.1	9.7	13.6
37.5°	6.7	6.7	7.1	7.4	8.1	8.3	9.0	9.4	9.8	10.8	14.6
35°	6.7	6.7	7.1	7.5	8.2	8.4	9.3	9.7	10.5	12.5	15.2
32.5°	6.7	6.7	7.2	7.7	8.3	8.6	9.5	10.0	11.3	14.3	16.7
30°	6.7	6.7	7.3	7.8	8.3	8.8	9.8	10.5	12.1	16.2	18.5
27.5°	6.7	6.7	7.4	7.9	8.3	9.0	10.1	11.1	13.2	18.1	20.7
25°	6.7	6.7	7.4	8.0	8.3	9.2	10.4	11.8	14.7	20.0	23.3
22.5°	6.7	6.7	7.5	8.1	8.3	9.3	10.7	12.4	16.3	21.9	28.0
20°	6.7	6.7	7.6	8.1	8.3	9.5	11.0	13.1	17.8	24.0	33.3
17.5°	6.7	6.7	7.7	8.2	8.3	9.6	11.2	13.7	19.3	26.3	38.9
15°	6.7	6.7	7.8	8.2	8.3	9.7	11.3	14.4	20.7	28.6	44.9
12.5°	6.7	6.7	7.9	8.3	8.3	9.8	11.5	15.3	22.4	31.0	50.9
10°	6.7	6.7	8.0	8.3	8.3	9.9	11.5	16.3	24.1	34.9	58.4
7.5°	6.7	6.7	8.1	8.3	8.3	9.9	11.6	17.3	25.8	39.2	68.8
5°	6.7	6.7	8.1	8.3	8.3	10.0	11.7	18.2	27.3	43.5	79.1
2.5°	6.7	6.7	8.2	8.3	8.3	10.0	11.7	19.2	28.7	47.7	89.1
0°	6.7	6.7	8.3	8.3	8.3	10.0	11.7	20.0	30.0	51.7	98.5
-2.5°	6.7	6.7	8.3	8.3	8.4	10.4	13.3	23.9	38.1	63.6	112.8
-5°	6.7	6.7	8.3	8.3	8.6	10.7	14.7	27.6	45.8	74.9	126.0
-7.5°	6.7	6.7	8.3	8.3	8.7	11.0	16.1	30.9	53.0	85.5	138.1
-10°	6.7	6.7	8.3	8.3	8.9	11.3	17.4	33.9	59.5	95.1	148.9
-12.5°	6.7	6.7	8.2	8.3	9.0	11.6	18.4	36.4	65.1	103.7	158.7
-15°	6.7	6.7	8.2	8.3	9.1	11.7	19.3	38.3	70.2	111.6	167.3
-17.5°	6.7	6.7	8.2	8.3	9.1	11.9	19.8	40.4	75.0	118.3	174.1
-20°	6.7	6.7	8.1	8.3	9.2	12.0	20.4	42.5	78.6	123.9	179.1



REPORT NUMBER: P1306167 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-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	6.7	8.1	8.3	9.2	12.0	21.0	43.6	80.9	128.2	182.3
-25°	6.7	6.7	8.0	8.3	9.2	12.1	21.1	43.7	81.8	131.1	183.6
-27.5°	6.7	6.7	7.9	8.3	9.2	12.2	20.7	42.7	81.2	132.4	186.1
-30°	6.7	6.7	7.9	8.3	9.1	12.2	19.6	40.6	79.8	131.5	187.0
-32.5°	6.7	6.7	7.8	8.3	9.1	12.1	17.9	39.0	77.3	128.5	186.1
-35°	6.7	6.7	7.7	8.3	9.1	11.9	17.2	37.0	73.1	123.5	183.4
-37.5°	6.7	6.7	7.6	8.3	9.0	11.7	16.9	34.1	67.3	116.3	171.1
-40°	6.7	6.7	7.6	8.3	8.9	11.6	16.5	30.2	59.8	107.9	156.0
-42.5°	6.7	6.7	7.5	8.3	8.9	11.4	15.9	25.3	53.1	94.8	139.3
-45°	6.7	6.7	7.4	8.3	8.9	11.2	15.2	21.5	46.3	80.1	121.3
-47.5°	6.7	6.7	7.3	8.3	8.9	10.9	14.3	20.5	38.2	64.5	103.6
-50°	6.7	6.7	7.2	8.2	8.8	10.5	13.8	19.2	28.3	53.2	84.8
-52.5°	6.7	6.7	7.0	8.0	8.7	10.1	13.2	17.8	23.8	41.4	65.5
-55°	6.7	6.7	6.9	7.9	8.6	9.8	12.5	16.2	21.6	29.1	51.7
-57.5°	6.7	6.7	6.8	7.8	8.5	9.6	11.8	15.2	19.3	24.3	37.3
-60°	6.7	6.7	6.7	7.6	8.3	9.3	11.0	14.1	17.2	21.7	26.4
-62.5°	6.7	6.7	6.7	7.5	8.1	8.9	10.4	12.9	15.8	19.0	23.4
-65°	6.7	6.7	6.7	7.3	8.0	8.5	9.8	11.7	14.4	17.2	20.3
-67.5°	6.7	6.7	6.7	7.2	7.9	8.2	9.1	10.9	12.9	15.5	18.1
-70°	6.7	6.7	6.7	7.1	7.7	8.1	8.4	10.0	11.9	13.8	16.2
-72.5°	6.7	6.7	6.7	7.0	7.6	8.1	8.3	9.1	10.9	12.7	14.4
-75°	6.7	6.7	6.7	7.0	7.5	8.0	8.3	8.8	9.9	11.5	13.1
-77.5°	6.7	6.7	6.7	6.9	7.4	7.9	8.3	8.7	9.4	10.4	11.9
-80°	6.7	6.7	6.7	6.9	7.2	7.7	8.3	8.5	8.9	9.6	10.5
-82.5°	6.7	6.7	6.7	6.9	7.1	7.5	7.9	8.1	8.3	8.7	9.2
-85°	6.7	6.7	6.7	6.8	7.0	7.2	7.5	7.7	7.8	7.9	8.1
-87.5°	6.7	6.7	6.7	6.8	6.8	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-40-80-3S-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	7.1	7.5	7.9
87.5°	6.5	6.3	6.1	6.0	5.8	5.5	5.3	5.0	5.0	5.0	5.0
85°	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.0	5.0	5.0	5.0
82.5°	6.7	6.7	6.7	6.7	6.3	5.9	5.5	5.2	5.3	5.3	5.2
80°	6.7	6.7	6.7	6.7	6.5	6.4	6.3	6.4	6.3	5.9	5.5
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.0	5.5
75°	6.7	6.7	6.8	6.8	6.7	6.7	6.7	6.7	6.5	6.4	6.4
72.5°	7.0	7.2	7.1	6.9	6.7	6.7	6.7	6.7	7.9	9.6	10.8
70°	7.6	7.7	7.2	6.8	6.7	7.1	9.2	12.0	14.9	17.1	19.8
67.5°	8.1	7.4	6.9	6.9	8.1	10.3	13.5	20.6	28.6	31.7	32.6
65°	7.5	6.8	7.1	8.2	9.8	15.8	23.6	32.9	39.6	39.1	37.1
62.5°	6.9	6.9	7.8	10.5	15.8	23.2	30.4	36.8	43.3	41.5	35.6
60°	6.8	7.1	10.2	15.7	21.3	26.7	33.4	37.1	40.0	39.8	31.5
57.5°	6.9	9.0	14.5	19.8	24.3	28.5	30.6	33.1	34.1	34.2	25.6
55°	8.0	12.4	17.7	22.2	25.6	25.0	25.8	26.1	26.3	24.5	17.4
52.5°	10.6	15.2	19.6	23.6	24.4	22.0	19.1	19.3	18.0	15.2	12.6
50°	12.8	16.9	21.2	23.9	22.8	18.2	14.1	14.1	12.8	11.1	9.6
47.5°	14.4	18.5	22.6	24.1	20.3	16.5	13.1	11.4	10.2	9.8	8.7
45°	15.7	19.8	24.1	22.5	19.1	16.4	13.5	10.0	10.5	10.4	10.7
42.5°	17.0	20.6	23.0	21.5	19.6	17.5	14.9	12.9	12.0	13.2	13.7
40°	17.6	21.2	22.3	22.6	20.8	19.7	19.3	17.8	15.4	17.5	18.3
37.5°	17.8	21.1	23.2	26.0	23.5	24.1	25.1	25.5	24.1	23.5	26.5
35°	17.8	21.7	28.0	31.3	29.2	30.7	33.6	34.9	34.9	34.3	39.3
32.5°	18.2	22.9	34.6	37.4	39.6	41.4	43.3	46.4	49.2	52.5	60.8
30°	20.6	29.1	42.1	44.3	52.2	60.4	58.1	59.6	66.2	87.1	105.3
27.5°	25.7	37.4	48.7	55.5	68.3	85.5	90.8	80.3	99.3	131.7	162.7
25°	31.7	60.6	55.9	69.2	92.9	118.8	133.1	131.6	150.2	191.2	227.9
22.5°	44.5	90.9	88.1	84.1	121.6	159.5	184.1	226.9	287.1	286.8	300.2
20°	66.8	119.9	128.8	139.9	164.1	206.4	241.7	354.8	480.2	522.8	476.4
17.5°	92.9	151.8	175.2	212.8	266.6	293.9	314.0	507.7	719.7	803.7	830.1
15°	122.0	186.1	224.7	294.4	380.1	428.6	514.1	735.5	985.9	1128.3	1234.2
12.5°	153.0	222.3	276.6	382.6	501.8	565.9	755.6	1076.0	1325.4	1497.2	1766.4
10°	184.9	259.6	330.0	475.1	629.1	704.9	1014.0	1426.6	1687.2	1886.1	2254.3
7.5°	220.0	296.8	383.0	569.5	759.2	844.5	1281.1	1780.0	2039.9	2261.4	2677.5
5°	254.3	332.5	430.5	649.8	863.4	962.2	1521.8	2126.8	2382.4	2622.8	3059.7
2.5°	285.9	366.7	476.2	723.7	946.1	1044.6	1637.7	2303.3	2582.0	2880.3	3348.4
0°	313.8	399.0	519.2	791.3	1021.6	1123.5	1729.4	2455.6	2744.4	3083.2	3559.0
-2.5°	319.7	411.8	534.5	790.3	1011.5	1121.5	1738.3	2462.3	2800.3	3158.5	3624.1
-5°	321.2	422.1	546.3	782.4	994.7	1115.0	1720.4	2437.4	2809.5	3140.1	3559.5
-7.5°	319.0	429.5	554.4	766.9	962.0	1078.0	1619.0	2286.3	2662.6	2950.7	3345.0
-10°	313.2	428.4	545.3	732.0	909.9	1021.8	1480.1	2112.1	2509.7	2757.6	3101.2
-12.5°	303.2	420.4	530.9	694.6	857.1	964.4	1318.4	1919.0	2354.7	2566.4	2844.3
-15°	292.0	410.9	514.0	656.0	805.5	906.6	1134.8	1710.8	2207.0	2422.7	2629.2
-17.5°	280.4	400.1	494.6	617.3	756.7	849.3	936.6	1489.5	2020.2	2276.0	2475.6
-20°	268.9	388.4	473.2	579.7	710.8	804.9	876.6	1265.2	1757.7	2113.6	2313.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	258.2	375.8	452.8	550.6	670.4	769.6	842.2	1045.8	1480.7	1936.9	2153.5
-25°	254.3	357.8	436.3	525.1	631.7	733.9	808.7	859.7	1219.1	1670.6	2000.5
-27.5°	254.4	342.7	420.4	497.6	593.0	695.9	770.6	823.1	1020.2	1408.9	1828.1
-30°	252.2	324.6	402.9	471.0	559.1	652.2	731.1	803.5	865.9	1177.2	1547.1
-32.5°	242.6	305.4	381.7	450.1	525.1	609.9	698.7	776.3	843.9	945.2	1280.4
-35°	229.8	289.6	358.8	427.7	490.5	572.3	659.6	744.4	816.2	879.1	1032.0
-37.5°	218.0	271.7	335.1	402.9	464.7	534.9	617.5	702.6	779.7	854.4	923.5
-40°	204.6	251.7	312.5	376.4	437.9	499.3	574.0	654.2	735.6	821.7	904.9
-42.5°	189.2	235.1	288.4	348.6	407.0	467.1	528.4	603.8	685.7	776.7	863.5
-45°	169.0	216.8	263.1	317.4	372.7	431.1	490.1	551.0	630.0	714.0	804.8
-47.5°	147.0	195.6	240.6	284.1	336.2	390.6	448.0	507.8	570.2	646.8	728.2
-50°	124.0	169.2	215.0	254.2	297.8	348.0	400.8	460.2	519.7	579.8	649.2
-52.5°	101.5	141.0	183.9	224.7	262.3	304.3	353.3	407.1	463.9	521.6	575.3
-55°	77.9	113.7	150.7	190.6	228.7	264.3	303.8	352.0	403.0	456.5	505.6
-57.5°	58.7	85.7	118.7	153.4	190.3	226.5	261.0	295.9	339.8	387.1	429.2
-60°	42.2	61.9	87.1	117.7	149.2	183.3	218.0	250.6	282.7	313.7	351.3
-62.5°	27.7	43.0	60.8	82.2	110.2	139.0	169.7	201.1	232.3	259.2	284.0
-65°	24.3	27.8	39.8	55.9	71.8	97.8	123.8	148.8	176.2	200.9	224.8
-67.5°	20.7	24.0	27.2	32.8	47.2	63.3	80.2	103.0	124.8	142.5	160.2
-70°	18.4	20.3	23.0	25.8	28.8	35.4	49.5	64.2	78.8	92.4	107.6
-72.5°	16.2	17.9	19.7	21.3	24.0	27.0	30.2	33.5	41.7	52.6	63.0
-75°	14.4	15.6	17.1	18.6	20.2	22.1	24.1	26.8	29.4	31.8	33.8
-77.5°	12.8	13.7	14.7	15.9	17.2	18.6	20.1	21.7	23.4	25.1	27.0
-80°	11.2	11.7	12.3	13.1	14.2	15.3	16.4	17.4	18.4	19.6	20.9
-82.5°	9.6	10.0	10.4	10.7	11.4	12.2	13.1	13.9	14.2	14.5	15.0
-85°	8.2	8.3	8.6	8.8	9.1	9.5	9.9	10.4	10.5	10.6	10.6
-87.5°	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	8.0	8.1	8.2
-90°	6.3	5.9	5.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.3	8.7	9.1	9.6	10.0	13.7	17.5	21.2	25.0	31.3	37.5
87.5°	5.0	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.7	1.7	1.7
85°	5.0	4.6	4.2	3.7	3.3	3.2	3.2	3.2	3.2	2.9	2.5
82.5°	5.0	4.6	4.2	3.8	3.3	3.3	3.3	3.3	3.3	2.9	2.5
80°	5.1	4.8	4.6	4.4	4.4	4.2	4.0	3.7	3.3	3.3	3.3
77.5°	5.2	5.3	5.3	5.2	5.0	4.7	4.2	3.8	3.4	3.3	3.3
75°	6.5	6.7	6.8	6.6	6.0	5.6	5.3	5.0	4.7	4.5	4.1
72.5°	11.7	11.8	11.3	10.8	9.8	9.4	9.4	9.3	9.0	8.8	8.7
70°	21.4	21.8	20.9	18.9	16.0	14.1	13.1	11.9	10.5	9.9	9.9
67.5°	30.5	27.9	25.2	22.3	18.7	15.7	13.9	12.2	10.7	9.8	9.4
65°	33.4	27.3	22.8	19.2	16.5	14.1	12.3	10.4	8.6	7.5	7.1
62.5°	29.0	21.7	17.3	14.6	12.7	11.4	9.5	7.9	6.4	5.6	5.8
60°	23.6	16.0	11.9	10.4	9.2	8.3	7.3	6.3	5.5	5.0	5.1
57.5°	17.7	11.6	8.3	8.1	7.7	7.0	6.4	5.9	5.4	5.0	5.0
55°	12.2	9.6	8.3	7.9	7.4	7.0	6.5	6.0	5.5	5.0	5.0
52.5°	9.5	8.7	8.3	8.0	7.6	7.1	6.6	6.1	5.6	5.1	5.0
50°	8.7	8.4	8.5	8.2	7.7	7.2	6.8	6.5	6.3	6.1	6.2
47.5°	8.9	9.2	9.0	8.4	8.0	8.1	8.1	8.1	8.2	7.9	7.8
45°	10.2	10.3	10.1	10.0	9.6	10.6	11.1	11.2	13.0	12.4	10.4
42.5°	12.7	13.4	14.1	14.9	13.7	17.6	23.6	27.7	23.7	18.7	15.8
40°	19.3	19.8	24.0	26.2	31.1	36.6	33.3	27.8	24.8	26.5	27.5
37.5°	30.4	35.5	42.5	50.2	48.3	40.0	41.0	40.9	39.5	42.9	43.1
35°	49.6	62.1	68.0	69.9	66.4	63.8	66.2	68.4	63.3	71.4	74.0
32.5°	81.1	96.3	99.8	96.2	96.6	102.2	106.4	114.0	121.6	133.8	148.3
30°	119.5	136.0	143.9	136.6	138.2	151.5	160.1	177.4	205.1	236.8	276.1
27.5°	177.1	189.3	203.4	205.4	198.8	218.2	248.7	267.0	341.4	390.7	479.4
25°	253.1	272.1	284.4	305.3	316.6	340.1	398.6	454.8	569.1	680.4	869.3
22.5°	352.9	413.7	436.1	433.0	498.7	562.0	611.9	769.4	994.6	1324.2	1695.2
20°	484.6	609.8	716.0	750.6	774.0	941.0	1112.8	1601.8	2162.4	3097.9	3825.3
17.5°	873.5	914.6	1148.2	1338.3	1428.7	1782.4	2584.4	3815.4	5931.1	8825.9	10605.8
15°	1458.3	1575.8	1810.0	2212.1	2709.7	3647.5	4986.2	8910.5	14336.6	20266.2	25911.6
12.5°	2104.1	2349.3	2778.2	3370.4	4160.5	6836.1	11156.6	18539.8	28585.2	38858.6	51961.1
10°	2703.5	3196.4	3900.4	4900.0	6928.5	11499.6	18771.9	31322.2	49115.9	67669.6	86205.4
7.5°	3192.3	3897.6	4927.2	6424.4	10060.1	17398.8	29325.5	47816.7	70631.0	94501.3	119633.1
5°	3686.1	4578.8	5818.9	7630.5	12112.1	21956.5	37820.3	63135.4	92577.4	122654.7	154326.2
2.5°	4114.1	5158.4	6594.1	8710.7	13492.1	24423.3	42944.9	74116.9	108684.9	144677.3	185016.1
0°	4430.4	5493.7	7019.5	9221.3	14851.9	26343.6	45944.7	77363.0	112522.3	149680.5	190908.6
-2.5°	4386.3	5348.0	6731.0	8916.1	14379.4	25997.1	44070.9	74690.4	109101.1	143933.5	180703.5
-5°	4185.9	5022.3	6261.5	8217.3	12747.7	22555.8	39548.7	67767.8	99765.3	131596.3	164312.6
-7.5°	3880.5	4604.0	5690.2	7370.4	10866.3	18589.4	32711.4	54785.8	82295.1	109499.9	134737.5
-10°	3565.0	4154.4	5034.7	6362.3	8856.0	14252.5	24239.0	40741.3	63618.6	86022.6	105362.8
-12.5°	3268.4	3707.3	4333.4	5257.8	6794.8	10669.7	18210.1	30250.0	45531.3	62756.5	79503.2
-15°	2991.7	3316.3	3765.9	4511.5	5741.5	8039.9	12133.5	20157.1	30905.8	42929.3	54505.7
-17.5°	2738.2	3005.7	3356.6	3881.5	4643.7	6065.0	8932.7	13520.0	20009.6	28562.0	36556.4
-20°	2510.9	2753.2	3015.7	3409.0	3994.2	4830.9	6242.6	9090.4	12835.3	18225.9	23512.8



REPORT NUMBER: P1306167 (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°	2333.0	2523.3	2727.2	3028.1	3516.0	4109.2	4811.1	5977.8	8039.0	10803.9	13935.3
-25°	2170.3	2311.3	2522.9	2846.7	3180.9	3576.6	4002.1	4470.1	5384.7	6273.9	7913.3
-27.5°	2015.7	2164.4	2384.9	2677.1	2982.0	3166.7	3438.9	3727.9	4165.4	4551.6	5204.6
-30°	1886.7	2042.8	2230.1	2476.6	2733.4	2907.4	3049.0	3258.1	3500.7	3742.8	4023.8
-32.5°	1644.4	1942.2	2071.9	2260.0	2491.2	2674.3	2799.7	2955.0	3084.6	3235.1	3387.8
-35°	1379.2	1707.8	1976.2	2097.7	2257.6	2461.2	2639.4	2764.2	2864.6	2957.4	3044.9
-37.5°	1079.2	1420.9	1713.9	1960.5	2106.8	2243.3	2432.2	2600.1	2720.9	2784.8	2841.7
-40°	965.0	1063.7	1373.2	1656.1	1876.3	2089.9	2237.2	2401.8	2541.4	2629.6	2695.7
-42.5°	945.5	996.2	1036.2	1250.6	1517.8	1746.6	1941.6	2133.5	2304.1	2430.7	2532.8
-45°	892.7	953.0	1009.2	1048.9	1090.0	1292.3	1510.0	1721.9	1914.5	2086.8	2237.3
-47.5°	807.4	879.4	939.5	997.0	1041.7	1076.9	1117.8	1185.3	1365.6	1542.6	1710.8
-50°	714.8	780.0	845.2	907.0	955.6	998.2	1037.4	1071.0	1104.8	1140.2	1173.9
-52.5°	623.2	681.5	739.4	793.8	845.4	894.1	939.4	972.7	1001.2	1026.3	1045.2
-55°	551.2	594.4	636.7	682.8	728.7	771.7	811.0	847.0	879.8	909.1	931.6
-57.5°	471.6	514.1	554.4	588.9	622.4	654.8	688.2	720.2	748.4	772.9	792.7
-60°	388.4	424.7	460.6	494.6	526.9	557.4	584.7	609.9	632.7	652.2	666.8
-62.5°	308.1	336.8	369.1	398.6	424.6	449.5	477.7	503.1	525.6	544.3	558.3
-65°	247.4	268.0	291.2	314.1	336.5	360.7	385.3	407.1	426.3	442.0	454.4
-67.5°	180.3	200.5	223.1	243.6	262.6	283.0	306.5	328.1	347.9	363.8	376.7
-70°	121.6	135.9	153.7	172.9	191.4	210.9	232.4	253.0	272.8	287.9	300.2
-72.5°	73.0	82.3	91.9	104.3	117.5	133.5	151.5	169.6	187.5	200.5	210.7
-75°	35.7	39.5	47.3	54.6	61.2	69.8	78.9	87.5	95.5	101.4	106.2
-77.5°	28.9	30.7	32.5	34.3	35.9	39.7	44.2	48.9	53.6	57.4	61.0
-80°	22.2	23.4	24.6	25.9	27.2	30.1	33.2	36.3	39.4	41.8	44.0
-82.5°	15.5	16.1	16.6	17.2	17.7	19.7	21.9	23.9	25.9	27.8	29.7
-85°	10.5	10.6	10.8	10.9	11.1	13.1	15.3	17.4	19.6	21.4	23.2
-87.5°	8.3	8.4	8.4	8.4	8.5	10.2	12.0	13.7	15.3	17.0	18.6
-90°	5.0	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.7	1.3	0.9



REPORT NUMBER: P1306167 (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°	43.8	50.1	45.9	41.7	45.9	50.1	43.8	37.5	31.3	25.0	21.2
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.2	3.2
82.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.7
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.8
75°	3.7	3.3	4.1	5.0	4.1	3.3	3.7	4.1	4.5	4.7	5.0
72.5°	8.5	8.2	8.3	8.3	8.3	8.2	8.5	8.7	8.8	9.0	9.3
70°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.9	9.9	10.5	11.9
67.5°	8.9	8.4	8.3	8.3	8.3	8.4	8.9	9.4	9.8	10.7	12.2
65°	6.9	6.8	6.7	6.7	6.7	6.8	6.9	7.1	7.5	8.6	10.4
62.5°	6.2	6.6	6.7	6.7	6.7	6.6	6.2	5.8	5.6	6.4	7.9
60°	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.5	6.3
57.5°	5.0	5.0	5.7	6.7	5.7	5.0	5.0	5.0	5.0	5.4	5.9
55°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.5	6.0
52.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.6	6.1
50°	6.4	6.6	6.7	6.7	6.7	6.6	6.4	6.2	6.1	6.3	6.5
47.5°	8.0	8.2	7.8	6.7	7.8	8.2	8.0	7.8	7.9	8.2	8.1
45°	10.4	10.2	10.0	10.0	10.0	10.2	10.4	10.4	12.4	13.0	11.2
42.5°	16.3	16.5	16.5	16.7	16.5	16.5	16.3	15.8	18.7	23.7	27.7
40°	28.9	29.5	29.7	30.0	29.7	29.5	28.9	27.5	26.5	24.8	27.8
37.5°	43.7	44.4	44.7	45.1	44.7	44.4	43.7	43.1	42.9	39.5	40.9
35°	73.7	73.5	71.0	71.8	71.0	73.5	73.7	74.0	71.4	63.3	68.4
32.5°	158.3	159.4	151.2	138.6	151.2	159.4	158.3	148.3	133.8	121.6	114.0
30°	305.8	331.9	349.6	350.6	349.6	331.9	305.8	276.1	236.8	205.1	177.4
27.5°	538.7	579.4	596.8	606.0	596.8	579.4	538.7	479.4	390.7	341.4	267.0
25°	1017.8	1111.1	1161.5	1123.5	1161.5	1111.1	1017.8	869.3	680.4	569.1	454.8
22.5°	2048.0	2226.5	2378.7	2387.1	2378.7	2226.5	2048.0	1695.2	1324.2	994.6	769.4
20°	4836.5	4795.9	5180.6	4987.9	5180.6	4795.9	4836.5	3825.3	3097.9	2162.4	1601.8
17.5°	13718.5	15235.9	16074.6	14927.1	16074.6	15235.9	13718.5	10605.8	8825.9	5931.1	3815.4
15°	31538.3	35323.8	37885.1	37558.1	37885.1	35323.8	31538.3	25911.6	20266.2	14336.6	8910.5
12.5°	59300.1	65520.7	70823.1	70600.6	70823.1	65520.7	59300.1	51961.1	38858.6	28585.2	18539.8
10°	102719.4	113564.7	123672.0	124725.0	123672.0	113564.7	102719.4	86205.4	67669.6	49115.9	31322.2
7.5°	142722.1	167144.5	181702.4	185437.4	181702.4	167144.5	142722.1	119633.1	94501.3	70631.0	47816.7
5°	192812.5	221094.7	236394.9	236803.2	236394.9	221094.7	192812.5	154326.2	122654.7	92577.4	63135.4
2.5°	229893.3	261751.2	280537.8	295073.4	280537.8	261751.2	229893.3	185016.1	144677.3	108684.9	74116.9
0°	240921.4	268395.1	299050.5	316094.3	299050.5	268395.1	240921.4	190908.6	149680.5	112522.3	77363.0
-2.5°	226144.4	254908.9	270126.5	283989.9	270126.5	254908.9	226144.4	180703.5	143933.5	109101.1	74690.4
-5°	198071.6	228537.9	243159.0	246280.0	243159.0	228537.9	198071.6	164312.6	131596.3	99765.3	67767.8
-7.5°	157605.9	179049.2	193851.4	199656.6	193851.4	179049.2	157605.9	134737.5	109499.9	82295.1	54785.8
-10°	123348.2	137194.8	144602.3	149527.8	144602.3	137194.8	123348.2	105362.8	86022.6	63618.6	40741.3
-12.5°	93001.0	103010.5	108819.9	111348.7	108819.9	103010.5	93001.0	79503.2	62756.5	45531.3	30250.0
-15°	66197.5	74118.0	78051.7	80556.4	78051.7	74118.0	66197.5	54505.7	42929.3	30905.8	20157.1
-17.5°	45354.0	51722.7	55352.7	57713.4	55352.7	51722.7	45354.0	36556.4	28562.0	20009.6	13520.0
-20°	29018.7	32810.8	35604.0	36417.9	35604.0	32810.8	29018.7	23512.8	18225.9	12835.3	9090.4



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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°	16954.7	19187.4	20594.1	20913.3	20594.1	19187.4	16954.7	13935.3	10803.9	8039.0	5977.8
-25°	9218.6	10191.4	10929.4	11179.4	10929.4	10191.4	9218.6	7913.3	6273.9	5384.7	4470.1
-27.5°	5661.2	6037.3	6309.9	6450.3	6309.9	6037.3	5661.2	5204.6	4551.6	4165.4	3727.9
-30°	4258.0	4429.6	4532.1	4600.6	4532.1	4429.6	4258.0	4023.8	3742.8	3500.7	3258.1
-32.5°	3496.0	3572.8	3619.1	3650.8	3619.1	3572.8	3496.0	3387.8	3235.1	3084.6	2955.0
-35°	3114.1	3163.9	3198.2	3215.1	3198.2	3163.9	3114.1	3044.9	2957.4	2864.6	2764.2
-37.5°	2884.0	2915.4	2938.2	2951.4	2938.2	2915.4	2884.0	2841.7	2784.8	2720.9	2600.1
-40°	2727.1	2749.2	2767.4	2787.8	2767.4	2749.2	2727.1	2695.7	2629.6	2541.4	2401.8
-42.5°	2584.1	2616.8	2633.3	2637.5	2633.3	2616.8	2584.1	2532.8	2430.7	2304.1	2133.5
-45°	2352.7	2443.6	2499.4	2517.3	2499.4	2443.6	2352.7	2237.3	2086.8	1914.5	1721.9
-47.5°	1865.4	2001.4	2104.1	2166.8	2104.1	2001.4	1865.4	1710.8	1542.6	1365.6	1185.3
-50°	1205.3	1234.1	1245.4	1238.6	1245.4	1234.1	1205.3	1173.9	1140.2	1104.8	1071.0
-52.5°	1060.2	1071.8	1081.4	1088.4	1081.4	1071.8	1060.2	1045.2	1026.3	1001.2	972.7
-55°	949.2	962.2	974.5	984.9	974.5	962.2	949.2	931.6	909.1	879.8	847.0
-57.5°	809.3	822.5	827.4	826.3	827.4	822.5	809.3	792.7	772.9	748.4	720.2
-60°	678.8	688.1	695.1	699.4	695.1	688.1	678.8	666.8	652.2	632.7	609.9
-62.5°	569.2	577.4	586.5	594.3	586.5	577.4	569.2	558.3	544.3	525.6	503.1
-65°	464.8	473.5	480.4	485.8	480.4	473.5	464.8	454.4	442.0	426.3	407.1
-67.5°	388.3	398.5	406.2	412.3	406.2	398.5	388.3	376.7	363.8	347.9	328.1
-70°	311.5	321.7	327.9	332.2	327.9	321.7	311.5	300.2	287.9	272.8	253.0
-72.5°	219.5	226.9	230.4	232.0	230.4	226.9	219.5	210.7	200.5	187.5	169.6
-75°	110.4	114.0	117.3	120.2	117.3	114.0	110.4	106.2	101.4	95.5	87.5
-77.5°	64.5	67.9	70.0	71.8	70.0	67.9	64.5	61.0	57.4	53.6	48.9
-80°	46.1	48.1	50.0	51.7	50.0	48.1	46.1	44.0	41.8	39.4	36.3
-82.5°	31.5	33.3	34.2	35.1	34.2	33.3	31.5	29.7	27.8	25.9	23.9
-85°	24.9	26.6	27.5	28.4	27.5	26.6	24.9	23.2	21.4	19.6	17.4
-87.5°	20.2	21.8	22.6	23.4	22.6	21.8	20.2	18.6	17.0	15.3	13.7
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.5	13.7	10.0	9.6	9.1	8.7	8.3	7.9	7.5	7.1	6.7
87.5°	2.5	2.9	3.3	3.7	4.2	4.6	5.0	5.0	5.0	5.0	5.0
85°	3.2	3.2	3.3	3.7	4.2	4.6	5.0	5.0	5.0	5.0	5.0
82.5°	3.3	3.3	3.3	3.8	4.2	4.6	5.0	5.2	5.3	5.3	5.2
80°	4.0	4.2	4.4	4.4	4.6	4.8	5.1	5.5	5.9	6.3	6.4
77.5°	4.2	4.7	5.0	5.2	5.3	5.3	5.2	5.5	6.0	6.4	6.7
75°	5.3	5.6	6.0	6.6	6.8	6.7	6.5	6.4	6.4	6.5	6.7
72.5°	9.4	9.4	9.8	10.8	11.3	11.8	11.7	10.8	9.6	7.9	6.7
70°	13.1	14.1	16.0	18.9	20.9	21.8	21.4	19.8	17.1	14.9	12.0
67.5°	13.9	15.7	18.7	22.3	25.2	27.9	30.5	32.6	31.7	28.6	20.6
65°	12.3	14.1	16.5	19.2	22.8	27.3	33.4	37.1	39.1	39.6	32.9
62.5°	9.5	11.4	12.7	14.6	17.3	21.7	29.0	35.6	41.5	43.3	36.8
60°	7.3	8.3	9.2	10.4	11.9	16.0	23.6	31.5	39.8	40.0	37.1
57.5°	6.4	7.0	7.7	8.1	8.3	11.6	17.7	25.6	34.2	34.1	33.1
55°	6.5	7.0	7.4	7.9	8.3	9.6	12.2	17.4	24.5	26.3	26.1
52.5°	6.6	7.1	7.6	8.0	8.3	8.7	9.5	12.6	15.2	18.0	19.3
50°	6.8	7.2	7.7	8.2	8.5	8.4	8.7	9.6	11.1	12.8	14.1
47.5°	8.1	8.1	8.0	8.4	9.0	9.2	8.9	8.7	9.8	10.2	11.4
45°	11.1	10.6	9.6	10.0	10.1	10.3	10.2	10.7	10.4	10.5	10.0
42.5°	23.6	17.6	13.7	14.9	14.1	13.4	12.7	13.7	13.2	12.0	12.9
40°	33.3	36.6	31.1	26.2	24.0	19.8	19.3	18.3	17.5	15.4	17.8
37.5°	41.0	40.0	48.3	50.2	42.5	35.5	30.4	26.5	23.5	24.1	25.5
35°	66.2	63.8	66.4	69.9	68.0	62.1	49.6	39.3	34.3	34.9	34.9
32.5°	106.4	102.2	96.6	96.2	99.8	96.3	81.1	60.8	52.5	49.2	46.4
30°	160.1	151.5	138.2	136.6	143.9	136.0	119.5	105.3	87.1	66.2	59.6
27.5°	248.7	218.2	198.8	205.4	203.4	189.3	177.1	162.7	131.7	99.3	80.3
25°	398.6	340.1	316.6	305.3	284.4	272.1	253.1	227.9	191.2	150.2	131.6
22.5°	611.9	562.0	498.7	433.0	436.1	413.7	352.9	300.2	286.8	287.1	226.9
20°	1112.8	941.0	774.0	750.6	716.0	609.8	484.6	476.4	522.8	480.2	354.8
17.5°	2584.4	1782.4	1428.7	1338.3	1148.2	914.6	873.5	830.1	803.7	719.7	507.7
15°	4986.2	3647.5	2709.7	2212.1	1810.0	1575.8	1458.3	1234.2	1128.3	985.9	735.5
12.5°	11156.6	6836.1	4160.5	3370.4	2778.2	2349.3	2104.1	1766.4	1497.2	1325.4	1076.0
10°	18771.9	11499.6	6928.5	4900.0	3900.4	3196.4	2703.5	2254.3	1886.1	1687.2	1426.6
7.5°	29325.5	17398.8	10060.1	6424.4	4927.2	3897.6	3192.3	2677.5	2261.4	2039.9	1780.0
5°	37820.3	21956.5	12112.1	7630.5	5818.9	4578.8	3686.1	3059.7	2622.8	2382.4	2126.8
2.5°	42944.9	24423.3	13492.1	8710.7	6594.1	5158.4	4114.1	3348.4	2880.3	2582.0	2303.3
0°	45944.7	26343.6	14851.9	9221.3	7019.5	5493.7	4430.4	3559.0	3083.2	2744.4	2455.6
-2.5°	44070.9	25997.1	14379.4	8916.1	6731.0	5348.0	4386.3	3624.1	3158.5	2800.3	2462.3
-5°	39548.7	22555.8	12747.7	8217.3	6261.5	5022.3	4185.9	3559.5	3140.1	2809.5	2437.4
-7.5°	32711.4	18589.4	10866.3	7370.4	5690.2	4604.0	3880.5	3345.0	2950.7	2662.6	2286.3
-10°	24239.0	14252.5	8856.0	6362.3	5034.7	4154.4	3565.0	3101.2	2757.6	2509.7	2112.1
-12.5°	18210.1	10669.7	6794.8	5257.8	4333.4	3707.3	3268.4	2844.3	2566.4	2354.7	1919.0
-15°	12133.5	8039.9	5741.5	4511.5	3765.9	3316.3	2991.7	2629.2	2422.7	2207.0	1710.8
-17.5°	8932.7	6065.0	4643.7	3881.5	3356.6	3005.7	2738.2	2475.6	2276.0	2020.2	1489.5
-20°	6242.6	4830.9	3994.2	3409.0	3015.7	2753.2	2510.9	2313.9	2113.6	1757.7	1265.2



REPORT NUMBER: P1306167 (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°	4811.1	4109.2	3516.0	3028.1	2727.2	2523.3	2333.0	2153.5	1936.9	1480.7	1045.8
-25°	4002.1	3576.6	3180.9	2846.7	2522.9	2311.3	2170.3	2000.5	1670.6	1219.1	859.7
-27.5°	3438.9	3166.7	2982.0	2677.1	2384.9	2164.4	2015.7	1828.1	1408.9	1020.2	823.1
-30°	3049.0	2907.4	2733.4	2476.6	2230.1	2042.8	1886.7	1547.1	1177.2	865.9	803.5
-32.5°	2799.7	2674.3	2491.2	2260.0	2071.9	1942.2	1644.4	1280.4	945.2	843.9	776.3
-35°	2639.4	2461.2	2257.6	2097.7	1976.2	1707.8	1379.2	1032.0	879.1	816.2	744.4
-37.5°	2432.2	2243.3	2106.8	1960.5	1713.9	1420.9	1079.2	923.5	854.4	779.7	702.6
-40°	2237.2	2089.9	1876.3	1656.1	1373.2	1063.7	965.0	904.9	821.7	735.6	654.2
-42.5°	1941.6	1746.6	1517.8	1250.6	1036.2	996.2	945.5	863.5	776.7	685.7	603.8
-45°	1510.0	1292.3	1090.0	1048.9	1009.2	953.0	892.7	804.8	714.0	630.0	551.0
-47.5°	1117.8	1076.9	1041.7	997.0	939.5	879.4	807.4	728.2	646.8	570.2	507.8
-50°	1037.4	998.2	955.6	907.0	845.2	780.0	714.8	649.2	579.8	519.7	460.2
-52.5°	939.4	894.1	845.4	793.8	739.4	681.5	623.2	575.3	521.6	463.9	407.1
-55°	811.0	771.7	728.7	682.8	636.7	594.4	551.2	505.6	456.5	403.0	352.0
-57.5°	688.2	654.8	622.4	588.9	554.4	514.1	471.6	429.2	387.1	339.8	295.9
-60°	584.7	557.4	526.9	494.6	460.6	424.7	388.4	351.3	313.7	282.7	250.6
-62.5°	477.7	449.5	424.6	398.6	369.1	336.8	308.1	284.0	259.2	232.3	201.1
-65°	385.3	360.7	336.5	314.1	291.2	268.0	247.4	224.8	200.9	176.2	148.8
-67.5°	306.5	283.0	262.6	243.6	223.1	200.5	180.3	160.2	142.5	124.8	103.0
-70°	232.4	210.9	191.4	172.9	153.7	135.9	121.6	107.6	92.4	78.8	64.2
-72.5°	151.5	133.5	117.5	104.3	91.9	82.3	73.0	63.0	52.6	41.7	33.5
-75°	78.9	69.8	61.2	54.6	47.3	39.5	35.7	33.8	31.8	29.4	26.8
-77.5°	44.2	39.7	35.9	34.3	32.5	30.7	28.9	27.0	25.1	23.4	21.7
-80°	33.2	30.1	27.2	25.9	24.6	23.4	22.2	20.9	19.6	18.4	17.4
-82.5°	21.9	19.7	17.7	17.2	16.6	16.1	15.5	15.0	14.5	14.2	13.9
-85°	15.3	13.1	11.1	10.9	10.8	10.6	10.5	10.6	10.6	10.5	10.4
-87.5°	12.0	10.2	8.5	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.8
-90°	2.5	2.9	3.3	3.7	4.2	4.6	5.0	5.0	5.0	5.0	5.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	5.3	5.5	5.8	6.0	6.1	6.3	6.5	6.7	6.7	6.7	6.7
85°	5.4	5.9	6.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
82.5°	5.5	5.9	6.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.3	6.4	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.9	7.1	7.2	7.0	6.7	6.7	6.7	6.7
70°	9.2	7.1	6.7	6.8	7.2	7.7	7.6	7.2	6.7	6.7	6.7
67.5°	13.5	10.3	8.1	6.9	6.9	7.4	8.1	7.9	7.3	6.7	6.7
65°	23.6	15.8	9.8	8.2	7.1	6.8	7.5	8.2	7.9	7.2	6.7
62.5°	30.4	23.2	15.8	10.5	7.8	6.9	6.9	7.7	8.2	7.7	7.0
60°	33.4	26.7	21.3	15.7	10.2	7.1	6.8	7.3	8.0	8.2	7.4
57.5°	30.6	28.5	24.3	19.8	14.5	9.0	6.9	7.3	7.8	8.2	7.9
55°	25.8	25.0	25.6	22.2	17.7	12.4	8.0	7.4	7.7	8.2	8.3
52.5°	19.1	22.0	24.4	23.6	19.6	15.2	10.6	7.5	7.8	8.2	8.3
50°	14.1	18.2	22.8	23.9	21.2	16.9	12.8	9.0	7.9	8.2	8.4
47.5°	13.1	16.5	20.3	24.1	22.6	18.5	14.4	10.4	8.0	8.3	8.5
45°	13.5	16.4	19.1	22.5	24.1	19.8	15.7	11.5	8.8	8.5	8.7
42.5°	14.9	17.5	19.6	21.5	23.0	20.6	17.0	12.6	9.4	8.7	8.9
40°	19.3	19.7	20.8	22.6	22.3	21.2	17.6	13.6	9.7	9.1	9.1
37.5°	25.1	24.1	23.5	26.0	23.2	21.1	17.8	14.6	10.8	9.8	9.4
35°	33.6	30.7	29.2	31.3	28.0	21.7	17.8	15.2	12.5	10.5	9.7
32.5°	43.3	41.4	39.6	37.4	34.6	22.9	18.2	16.7	14.3	11.3	10.0
30°	58.1	60.4	52.2	44.3	42.1	29.1	20.6	18.5	16.2	12.1	10.5
27.5°	90.8	85.5	68.3	55.5	48.7	37.4	25.7	20.7	18.1	13.2	11.1
25°	133.1	118.8	92.9	69.2	55.9	60.6	31.7	23.3	20.0	14.7	11.8
22.5°	184.1	159.5	121.6	84.1	88.1	90.9	44.5	28.0	21.9	16.3	12.4
20°	241.7	206.4	164.1	139.9	128.8	119.9	66.8	33.3	24.0	17.8	13.1
17.5°	314.0	293.9	266.6	212.8	175.2	151.8	92.9	38.9	26.3	19.3	13.7
15°	514.1	428.6	380.1	294.4	224.7	186.1	122.0	44.9	28.6	20.7	14.4
12.5°	755.6	565.9	501.8	382.6	276.6	222.3	153.0	50.9	31.0	22.4	15.3
10°	1014.0	704.9	629.1	475.1	330.0	259.6	184.9	58.4	34.9	24.1	16.3
7.5°	1281.1	844.5	759.2	569.5	383.0	296.8	220.0	68.8	39.2	25.8	17.3
5°	1521.8	962.2	863.4	649.8	430.5	332.5	254.3	79.1	43.5	27.3	18.2
2.5°	1637.7	1044.6	946.1	723.7	476.2	366.7	285.9	89.1	47.7	28.7	19.2
0°	1729.4	1123.5	1021.6	791.3	519.2	399.0	313.8	98.5	51.7	30.0	20.0
-2.5°	1738.3	1121.5	1011.5	790.3	534.5	411.8	319.7	112.8	63.6	38.1	23.9
-5°	1720.4	1115.0	994.7	782.4	546.3	422.1	321.2	126.0	74.9	45.8	27.6
-7.5°	1619.0	1078.0	962.0	766.9	554.4	429.5	319.0	138.1	85.5	53.0	30.9
-10°	1480.1	1021.8	909.9	732.0	545.3	428.4	313.2	148.9	95.1	59.5	33.9
-12.5°	1318.4	964.4	857.1	694.6	530.9	420.4	303.2	158.7	103.7	65.1	36.4
-15°	1134.8	906.6	805.5	656.0	514.0	410.9	292.0	167.3	111.6	70.2	38.3
-17.5°	936.6	849.3	756.7	617.3	494.6	400.1	280.4	174.1	118.3	75.0	40.4
-20°	876.6	804.9	710.8	579.7	473.2	388.4	268.9	179.1	123.9	78.6	42.5



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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°	842.2	769.6	670.4	550.6	452.8	375.8	258.2	182.3	128.2	80.9	43.6
-25°	808.7	733.9	631.7	525.1	436.3	357.8	254.3	183.6	131.1	81.8	43.7
-27.5°	770.6	695.9	593.0	497.6	420.4	342.7	254.4	186.1	132.4	81.2	42.7
-30°	731.1	652.2	559.1	471.0	402.9	324.6	252.2	187.0	131.5	79.8	40.6
-32.5°	698.7	609.9	525.1	450.1	381.7	305.4	242.6	186.1	128.5	77.3	39.0
-35°	659.6	572.3	490.5	427.7	358.8	289.6	229.8	183.4	123.5	73.1	37.0
-37.5°	617.5	534.9	464.7	402.9	335.1	271.7	218.0	171.1	116.3	67.3	34.1
-40°	574.0	499.3	437.9	376.4	312.5	251.7	204.6	156.0	107.9	59.8	30.2
-42.5°	528.4	467.1	407.0	348.6	288.4	235.1	189.2	139.3	94.8	53.1	25.3
-45°	490.1	431.1	372.7	317.4	263.1	216.8	169.0	121.3	80.1	46.3	21.5
-47.5°	448.0	390.6	336.2	284.1	240.6	195.6	147.0	103.6	64.5	38.2	20.5
-50°	400.8	348.0	297.8	254.2	215.0	169.2	124.0	84.8	53.2	28.3	19.2
-52.5°	353.3	304.3	262.3	224.7	183.9	141.0	101.5	65.5	41.4	23.8	17.8
-55°	303.8	264.3	228.7	190.6	150.7	113.7	77.9	51.7	29.1	21.6	16.2
-57.5°	261.0	226.5	190.3	153.4	118.7	85.7	58.7	37.3	24.3	19.3	15.2
-60°	218.0	183.3	149.2	117.7	87.1	61.9	42.2	26.4	21.7	17.2	14.1
-62.5°	169.7	139.0	110.2	82.2	60.8	43.0	27.7	23.4	19.0	15.8	12.9
-65°	123.8	97.8	71.8	55.9	39.8	27.8	24.3	20.3	17.2	14.4	11.7
-67.5°	80.2	63.3	47.2	32.8	27.2	24.0	20.7	18.1	15.5	12.9	10.9
-70°	49.5	35.4	28.8	25.8	23.0	20.3	18.4	16.2	13.8	11.9	10.0
-72.5°	30.2	27.0	24.0	21.3	19.7	17.9	16.2	14.4	12.7	10.9	9.1
-75°	24.1	22.1	20.2	18.6	17.1	15.6	14.4	13.1	11.5	9.9	8.8
-77.5°	20.1	18.6	17.2	15.9	14.7	13.7	12.8	11.9	10.4	9.4	8.7
-80°	16.4	15.3	14.2	13.1	12.3	11.7	11.2	10.5	9.6	8.9	8.5
-82.5°	13.1	12.2	11.4	10.7	10.4	10.0	9.6	9.2	8.7	8.3	8.1
-85°	9.9	9.5	9.1	8.8	8.6	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°	5.0	5.0	5.0	5.0	5.4	5.9	6.3	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°	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
82.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
67.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
65°	6.8	6.8	6.7	6.7	6.7	6.7	6.7
62.5°	6.9	6.9	6.7	6.7	6.7	6.7	6.7
60°	7.0	7.0	6.7	6.7	6.7	6.7	6.7
57.5°	7.3	7.2	6.8	6.7	6.7	6.7	6.7
55°	7.6	7.3	7.0	6.7	6.7	6.7	6.7
52.5°	7.9	7.5	7.2	6.7	6.8	6.7	6.7
50°	8.1	7.7	7.4	6.7	6.8	6.7	6.7
47.5°	8.3	7.9	7.5	6.7	6.8	6.7	6.7
45°	8.5	8.0	7.7	6.9	6.9	6.7	6.7
42.5°	8.6	8.1	7.9	7.0	6.9	6.7	6.7
40°	8.8	8.2	8.1	7.2	7.0	6.7	6.7
37.5°	9.0	8.3	8.1	7.4	7.1	6.7	6.7
35°	9.3	8.4	8.2	7.5	7.1	6.7	6.7
32.5°	9.5	8.6	8.3	7.7	7.2	6.7	6.7
30°	9.8	8.8	8.3	7.8	7.3	6.7	6.7
27.5°	10.1	9.0	8.3	7.9	7.4	6.7	6.7
25°	10.4	9.2	8.3	8.0	7.4	6.7	6.7
22.5°	10.7	9.3	8.3	8.1	7.5	6.7	6.7
20°	11.0	9.5	8.3	8.1	7.6	6.7	6.7
17.5°	11.2	9.6	8.3	8.2	7.7	6.7	6.7
15°	11.3	9.7	8.3	8.2	7.8	6.7	6.7
12.5°	11.5	9.8	8.3	8.3	7.9	6.7	6.7
10°	11.5	9.9	8.3	8.3	8.0	6.7	6.7
7.5°	11.6	9.9	8.3	8.3	8.1	6.7	6.7
5°	11.7	10.0	8.3	8.3	8.1	6.7	6.7
2.5°	11.7	10.0	8.3	8.3	8.2	6.7	6.7
0°	11.7	10.0	8.3	8.3	8.3	6.7	6.7
-2.5°	13.3	10.4	8.4	8.3	8.3	6.7	6.7
-5°	14.7	10.7	8.6	8.3	8.3	6.7	6.7
-7.5°	16.1	11.0	8.7	8.3	8.3	6.7	6.7
-10°	17.4	11.3	8.9	8.3	8.3	6.7	6.7
-12.5°	18.4	11.6	9.0	8.3	8.2	6.7	6.7
-15°	19.3	11.7	9.1	8.3	8.2	6.7	6.7
-17.5°	19.8	11.9	9.1	8.3	8.2	6.7	6.7
-20°	20.4	12.0	9.2	8.3	8.1	6.7	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.0	12.0	9.2	8.3	8.1	6.7	6.7
-25°	21.1	12.1	9.2	8.3	8.0	6.7	6.7
-27.5°	20.7	12.2	9.2	8.3	7.9	6.7	6.7
-30°	19.6	12.2	9.1	8.3	7.9	6.7	6.7
-32.5°	17.9	12.1	9.1	8.3	7.8	6.7	6.7
-35°	17.2	11.9	9.1	8.3	7.7	6.7	6.7
-37.5°	16.9	11.7	9.0	8.3	7.6	6.7	6.7
-40°	16.5	11.6	8.9	8.3	7.6	6.7	6.7
-42.5°	15.9	11.4	8.9	8.3	7.5	6.7	6.7
-45°	15.2	11.2	8.9	8.3	7.4	6.7	6.7
-47.5°	14.3	10.9	8.9	8.3	7.3	6.7	6.7
-50°	13.8	10.5	8.8	8.2	7.2	6.7	6.7
-52.5°	13.2	10.1	8.7	8.0	7.0	6.7	6.7
-55°	12.5	9.8	8.6	7.9	6.9	6.7	6.7
-57.5°	11.8	9.6	8.5	7.8	6.8	6.7	6.7
-60°	11.0	9.3	8.3	7.6	6.7	6.7	6.7
-62.5°	10.4	8.9	8.1	7.5	6.7	6.7	6.7
-65°	9.8	8.5	8.0	7.3	6.7	6.7	6.7
-67.5°	9.1	8.2	7.9	7.2	6.7	6.7	6.7
-70°	8.4	8.1	7.7	7.1	6.7	6.7	6.7
-72.5°	8.3	8.1	7.6	7.0	6.7	6.7	6.7
-75°	8.3	8.0	7.5	7.0	6.7	6.7	6.7
-77.5°	8.3	7.9	7.4	6.9	6.7	6.7	6.7
-80°	8.3	7.7	7.2	6.9	6.7	6.7	6.7
-82.5°	7.9	7.5	7.1	6.9	6.7	6.7	6.7
-85°	7.5	7.2	7.0	6.8	6.7	6.7	6.7
-87.5°	7.1	7.0	6.8	6.8	6.7	6.7	6.7
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7

(END OF REPORT)