

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: P1306022 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

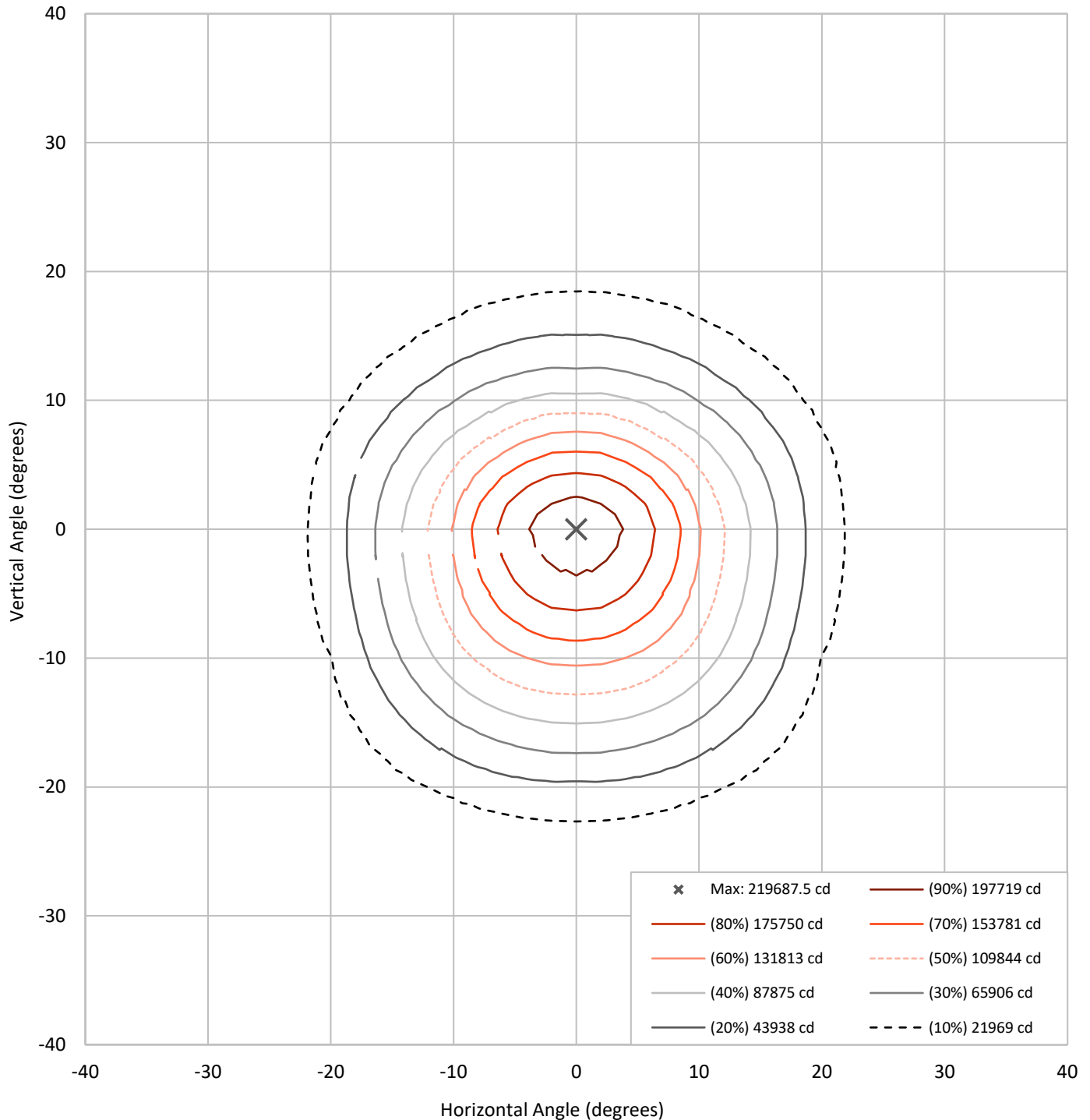
Test Method: LM-79-08
Report Number: P1306022 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-80-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	43363.7 lumens	Max Intensity:	219687.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	19648.7 lumens	Field Lumens:	37183.5 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	334		
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





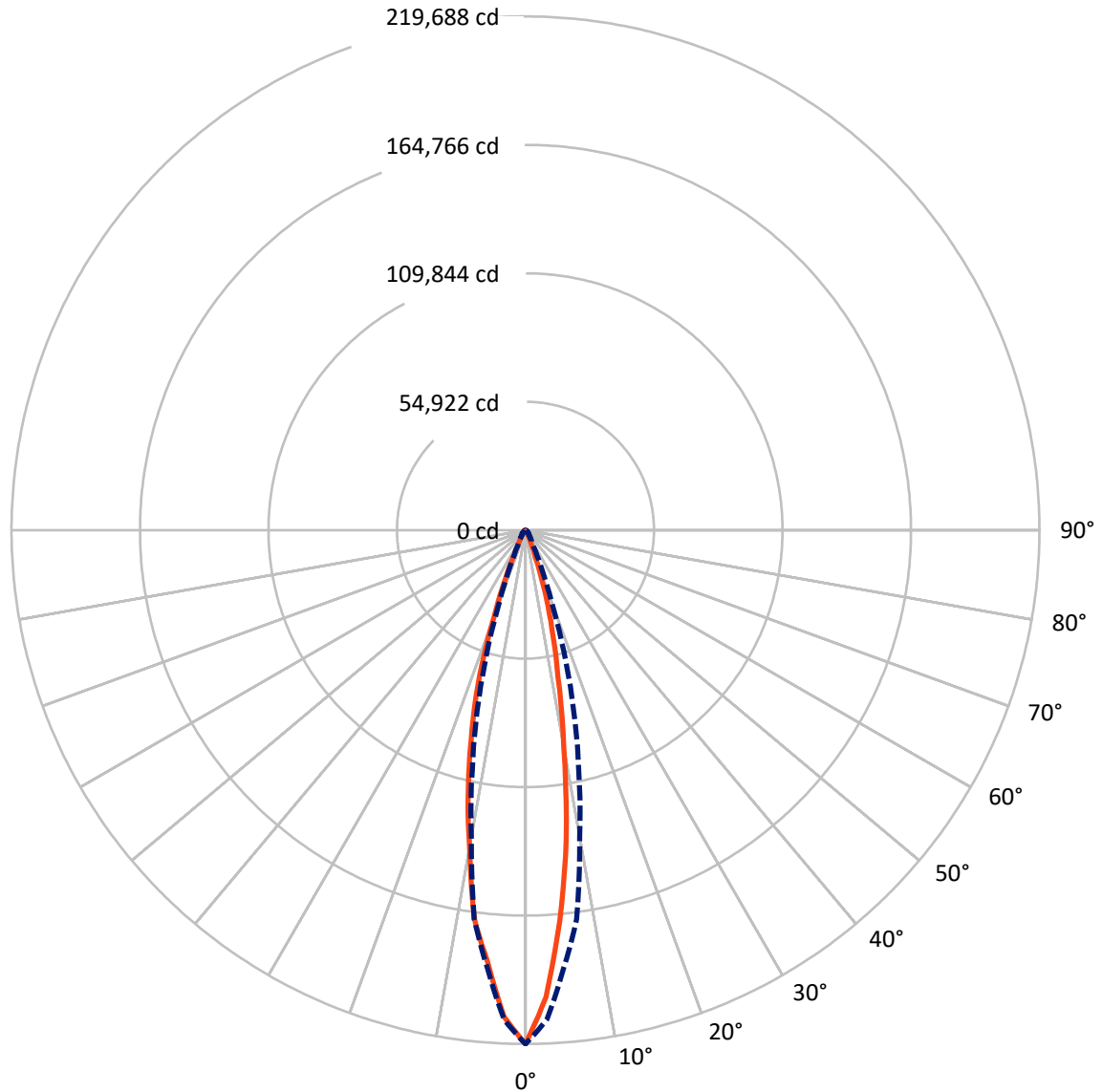
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Lumen Table

90	0.1	0.3		0.4		0.4		0.3		0.4		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.4		0.3		0.4		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.3	0.4	0.5	0.7	0.8	0.8	0.7	0.5	0.4	0.3	0.3	0.1	0.1			
40		0.1	0.5	1.2	2.3	3.6	4.6	5.6	5.6	4.6	3.6	2.3	1.2	0.5	0.1				
30	0.2	0.3	1.8	5.7	15.1	26.0	59.6	124.5	124.5	59.6	26.0	15.1	5.7	1.8	0.3	0.2			
20		0.6	4.3	15.4	38.0	104.1	547.2	1284.8	1284.8	547.2	104.1	38.0	15.4	4.3	0.6				
10	0.2	1.2	7.5	28.8	69.5	313.4	1888.9	4321.0	4321.0	1888.9	313.4	69.5	28.8	7.5	1.2	0.2			
0		1.9	10.0	34.8	79.8	338.2	2179.8	4912.1	4912.1	2179.8	338.2	79.8	34.8	10.0	1.9				
-10	0.4	2.2	10.1	33.1	73.3	197.2	1114.6	2440.3	2440.3	1114.6	197.2	73.3	33.1	10.1	2.2	0.4			
-20		2.1	8.5	21.6	50.5	89.0	204.4	416.4	416.4	204.4	89.0	50.5	21.6	8.5	2.1				
-30	0.3	1.8	6.1	13.3	29.3	52.3	72.4	87.6	87.6	72.4	52.3	29.3	13.3	6.1	1.8	0.3			
-40		1.2	4.3	9.3	16.8	28.9	46.9	61.0	61.0	46.9	28.9	16.8	9.3	4.3	1.2				
-50	0.2	0.6	2.6	6.1	11.0	16.5	21.5	24.7	24.7	21.5	16.5	11.0	6.1	2.6	0.6	0.2			
-60		0.2	1.0	3.1	6.2	9.9	13.6	15.9	15.9	13.6	9.9	6.2	3.1	1.0	0.2				
-70	0.1	0.6		2.2		6.0		8.6		6.0		2.2		0.6		0.1			
-80		0.6		2.2		6.0		8.6		6.0		2.2		0.6					
-90	0.1	0.6		2.2		6.0		8.6		6.0		2.2		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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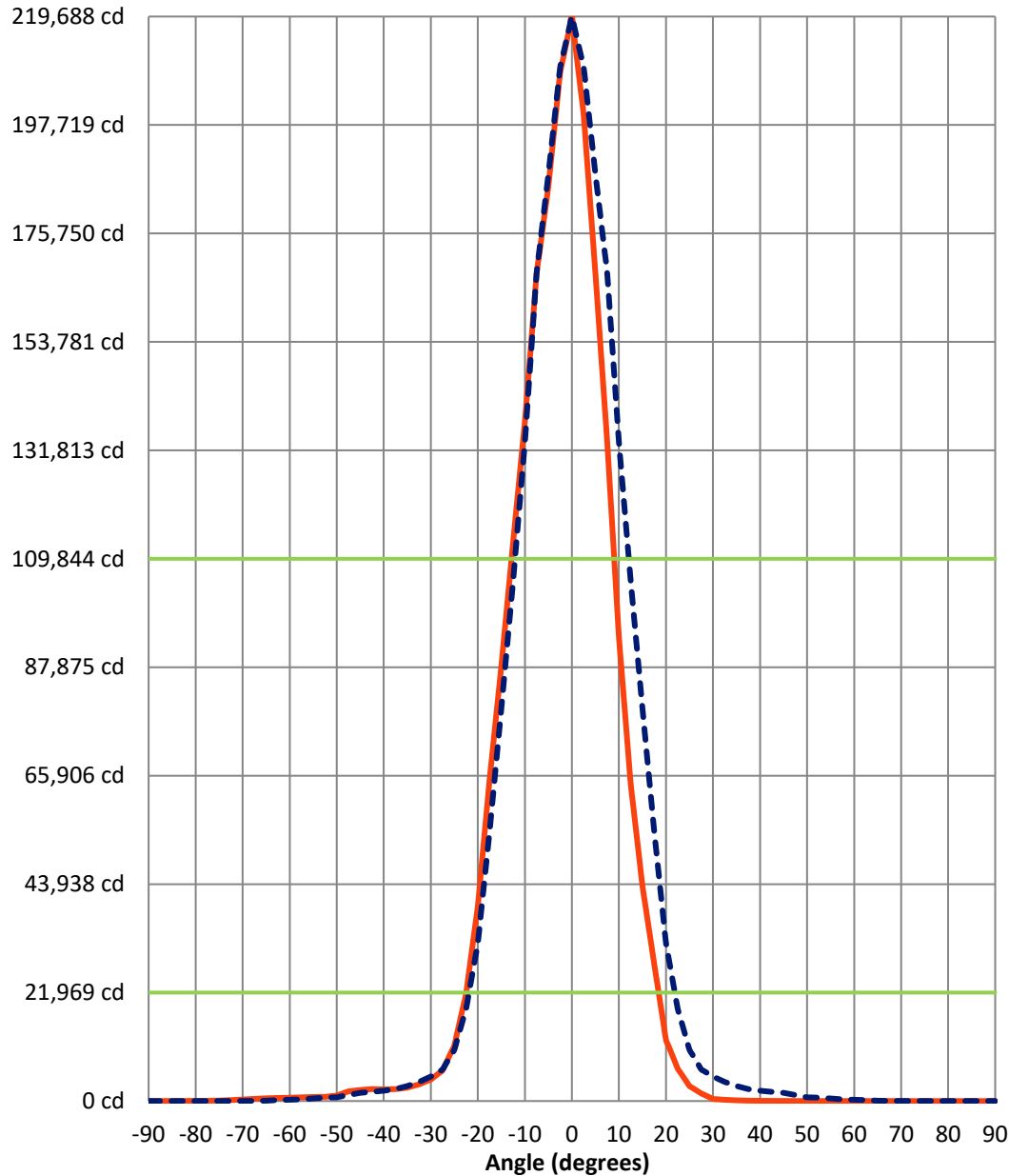
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 19648.7
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 37183.5
 Efficiency: 85.7%

Spill:
 Lumens: 6180.1
 Efficiency: 14.3%

— 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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.8
87.5°	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7
85°	5.7	5.7	5.9	5.9	5.9	5.8	5.7	5.7	5.7	5.7	5.7
82.5°	5.7	5.8	6.0	6.0	6.0	5.9	5.7	5.7	5.7	5.7	5.7
80°	5.7	5.8	6.1	6.1	6.1	6.0	5.8	5.9	5.9	5.9	5.7
77.5°	5.7	5.8	6.2	6.2	6.2	6.1	6.0	6.1	6.1	6.0	5.8
75°	5.7	5.8	6.2	6.4	6.3	6.2	6.3	6.4	6.3	6.1	5.8
72.5°	5.7	5.9	6.3	6.5	6.4	6.4	6.6	6.6	6.3	6.1	5.8
70°	5.7	5.9	6.4	6.6	6.5	6.6	6.8	6.6	6.4	6.1	5.8
67.5°	5.7	5.9	6.5	6.6	6.6	6.7	6.8	6.7	6.4	6.1	5.9
65°	5.7	5.9	6.5	6.7	6.7	6.8	6.8	6.7	6.4	6.2	6.0
62.5°	5.7	5.9	6.6	6.7	6.7	6.8	6.8	6.7	6.5	6.3	6.4
60°	5.7	5.9	6.7	6.7	6.8	6.8	6.8	6.8	6.5	6.5	6.7
57.5°	5.7	5.9	6.6	6.7	6.8	6.8	6.8	6.8	6.6	6.7	6.8
55°	5.7	6.0	6.6	6.8	6.8	6.8	6.8	6.8	6.7	6.8	6.8
52.5°	5.7	6.0	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
50°	5.7	6.0	6.6	6.8	6.8	6.8	6.8	6.9	6.8	6.8	7.3
47.5°	5.7	6.0	6.6	6.8	6.8	6.8	6.8	6.9	6.8	6.8	7.8
45°	5.7	6.0	6.6	6.8	6.8	6.8	6.9	7.0	6.9	7.1	8.2
42.5°	5.7	6.0	6.6	6.8	6.8	6.8	7.0	7.1	6.9	7.4	8.6
40°	5.7	6.0	6.6	6.8	6.8	6.8	7.1	7.2	7.1	7.7	8.9
37.5°	5.7	6.0	6.6	6.8	6.8	6.8	7.3	7.3	7.4	8.1	9.1
35°	5.7	6.0	6.6	6.8	6.8	6.9	7.4	7.3	7.7	8.5	9.1
32.5°	5.7	5.9	6.6	6.8	6.8	7.0	7.5	7.4	8.0	9.1	9.9
30°	5.7	5.9	6.7	6.8	6.8	7.1	7.6	7.5	8.3	9.6	11.0
27.5°	5.7	5.9	6.7	6.8	6.8	7.2	7.7	7.7	8.7	10.3	12.2
25°	5.7	5.9	6.7	6.8	6.8	7.4	7.7	8.0	9.2	11.2	13.8
22.5°	5.7	5.9	6.7	6.8	6.8	7.5	7.8	8.2	9.7	12.3	16.8
20°	5.7	5.9	6.7	6.8	6.8	7.6	7.9	8.4	10.2	13.5	19.7
17.5°	5.7	5.9	6.7	6.8	6.8	7.6	8.0	8.6	10.8	14.8	22.5
15°	5.7	5.8	6.7	6.8	6.8	7.7	8.1	8.8	11.3	16.2	25.2
12.5°	5.7	5.8	6.8	6.8	6.8	7.8	8.2	9.1	12.3	17.6	27.7
10°	5.7	5.8	6.8	6.8	6.8	7.8	8.4	9.3	13.7	20.3	32.1
7.5°	5.7	5.8	6.8	6.8	6.8	7.9	8.5	9.6	15.1	23.2	41.2
5°	5.7	5.7	6.8	6.8	6.8	7.9	8.7	9.8	16.5	26.2	50.6
2.5°	5.7	5.7	6.8	6.8	6.8	7.9	8.8	10.0	17.9	29.0	60.0
0°	5.7	5.7	6.8	6.8	6.8	7.9	9.0	10.2	19.2	31.7	69.0
-2.5°	5.7	5.7	6.8	6.8	6.8	7.9	9.9	13.6	25.5	42.1	83.9
-5°	5.7	5.7	6.8	6.8	6.8	7.9	10.8	16.8	31.5	52.1	97.7
-7.5°	5.7	5.7	6.8	6.8	6.8	7.9	11.5	19.8	37.1	61.4	110.4
-10°	5.7	5.7	6.8	6.8	6.8	7.8	12.2	22.5	42.2	69.9	121.5
-12.5°	5.7	5.7	6.7	6.8	6.8	7.8	12.7	24.8	46.6	77.3	129.2
-15°	5.7	5.7	6.7	6.8	6.8	7.7	13.0	26.6	50.6	83.3	134.7
-17.5°	5.7	5.7	6.7	6.8	6.8	7.6	13.2	28.3	54.1	88.3	138.5
-20°	5.7	5.7	6.7	6.8	6.8	7.6	13.4	29.7	56.7	92.3	140.8



REPORT NUMBER: P1306022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.7	5.7	6.6	6.8	6.8	7.5	13.8	30.4	58.3	95.2	141.3
-25°	5.7	5.7	6.6	6.8	6.8	7.6	13.8	30.4	58.7	96.9	140.1
-27.5°	5.7	5.7	6.6	6.8	6.8	7.8	13.4	29.6	58.0	97.4	141.4
-30°	5.7	5.7	6.5	6.8	6.8	7.8	12.6	28.0	56.8	96.4	141.3
-32.5°	5.7	5.7	6.5	6.8	6.9	7.8	11.4	26.8	54.8	93.8	139.7
-35°	5.7	5.7	6.4	6.8	7.0	7.8	11.0	25.3	51.7	89.5	136.5
-37.5°	5.7	5.7	6.3	6.8	7.1	7.7	10.9	23.2	47.3	83.5	126.3
-40°	5.7	5.7	6.3	6.8	7.1	7.8	10.6	20.4	41.6	77.0	114.7
-42.5°	5.7	5.7	6.2	6.8	7.2	7.9	10.2	16.9	36.8	67.8	102.4
-45°	5.7	5.7	6.2	6.8	7.2	7.9	9.7	14.3	32.0	57.5	89.5
-47.5°	5.7	5.7	6.1	6.9	7.2	7.9	9.0	13.5	26.3	46.6	77.1
-50°	5.7	5.7	6.0	6.8	7.3	7.9	8.9	12.5	19.6	38.9	63.8
-52.5°	5.7	5.7	5.9	6.7	7.3	7.9	8.9	11.2	16.4	30.5	50.2
-55°	5.7	5.7	5.9	6.6	7.3	7.9	8.8	10.0	14.6	21.7	40.0
-57.5°	5.7	5.7	5.8	6.5	7.2	7.8	8.7	9.8	12.7	17.8	29.3
-60°	5.7	5.7	5.7	6.4	7.2	7.8	8.6	9.6	10.9	15.3	20.6
-62.5°	5.7	5.7	5.7	6.3	7.1	7.7	8.4	9.3	10.5	12.6	17.4
-65°	5.7	5.7	5.7	6.2	6.9	7.6	8.2	9.0	10.0	11.4	14.0
-67.5°	5.7	5.7	5.7	6.1	6.7	7.4	8.0	8.7	9.4	10.6	12.2
-70°	5.7	5.7	5.7	6.0	6.6	7.2	7.8	8.4	9.0	9.8	11.0
-72.5°	5.7	5.7	5.7	5.9	6.4	7.0	7.6	8.0	8.5	9.1	9.9
-75°	5.7	5.7	5.7	5.9	6.2	6.8	7.3	7.7	8.0	8.4	9.0
-77.5°	5.7	5.7	5.7	5.9	6.2	6.6	7.1	7.3	7.6	7.8	8.1
-80°	5.7	5.7	5.7	5.8	6.1	6.4	6.8	7.0	7.2	7.4	7.6
-82.5°	5.7	5.7	5.7	5.8	6.0	6.2	6.5	6.7	6.8	7.0	7.1
-85°	5.7	5.7	5.7	5.8	5.9	6.1	6.3	6.5	6.6	6.7	6.8
-87.5°	5.7	5.7	5.7	5.7	5.8	5.9	6.0	6.2	6.4	6.6	6.8
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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 CATALOG NUMBER: EPH-08-320N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.8
87.5°	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.5	4.2	4.0	3.7
85°	5.4	5.1	4.9	4.7	4.7	4.7	4.6	4.5	4.2	4.0	3.7
82.5°	5.5	5.4	5.4	5.4	5.3	5.1	4.8	4.5	4.3	4.0	3.7
80°	5.7	5.7	5.7	5.7	5.5	5.2	4.9	4.6	4.3	4.0	3.7
77.5°	5.7	5.7	5.7	5.7	5.5	5.2	4.9	4.6	4.3	4.0	3.7
75°	5.7	5.7	5.7	5.7	5.5	5.2	4.9	4.9	4.8	4.7	4.6
72.5°	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.6	5.8	5.9	5.8
70°	5.7	5.7	5.8	5.8	5.7	5.8	6.3	6.9	7.4	8.0	9.4
67.5°	5.8	6.0	6.1	6.0	6.1	6.7	7.4	10.4	14.1	15.8	16.7
65°	6.2	6.4	6.4	6.5	6.8	8.9	12.2	16.6	21.3	22.5	22.3
62.5°	6.7	6.6	6.7	7.3	9.1	12.1	16.6	21.7	27.0	26.0	22.4
60°	6.8	6.8	7.5	9.2	11.5	15.6	20.8	23.3	25.0	24.9	20.5
57.5°	6.8	7.4	8.9	11.2	14.7	18.1	19.3	20.7	21.9	22.6	17.7
55°	7.1	8.3	10.4	13.6	16.2	15.8	16.4	17.4	18.2	17.2	12.7
52.5°	7.8	9.2	12.0	14.8	15.4	14.2	13.3	14.0	13.4	11.6	9.6
50°	8.5	10.4	13.2	15.0	14.7	12.8	11.0	11.3	10.8	9.4	8.2
47.5°	9.2	11.4	14.2	15.4	13.8	12.5	11.0	10.6	10.1	10.5	9.9
45°	9.9	12.2	15.2	14.8	13.9	13.5	12.8	11.2	12.9	13.6	13.4
42.5°	10.4	12.8	15.1	14.6	15.4	15.8	15.6	16.2	17.3	18.8	19.4
40°	10.8	13.2	15.7	17.4	17.8	19.4	21.5	23.2	23.7	26.0	27.5
37.5°	10.9	14.5	18.0	22.4	21.8	25.0	28.5	34.6	36.5	34.3	38.5
35°	10.9	16.4	24.2	30.2	31.0	32.4	41.6	50.8	56.5	50.9	56.1
32.5°	12.1	18.9	32.1	40.5	46.6	48.1	57.2	76.3	86.0	87.4	88.0
30°	15.0	26.2	41.8	52.9	66.7	77.7	86.5	108.4	124.1	163.0	194.3
27.5°	18.6	35.1	53.5	71.3	92.0	112.6	133.3	150.6	201.3	274.4	355.8
25°	22.2	47.8	66.5	94.1	125.5	155.5	183.5	207.1	306.0	455.7	555.9
22.5°	29.2	62.9	85.2	119.5	162.4	201.9	236.4	298.8	437.2	658.8	766.6
20°	40.5	78.9	108.2	149.9	203.7	249.9	290.2	394.6	596.6	804.5	938.1
17.5°	52.9	95.6	133.3	188.3	257.1	308.1	349.5	487.9	751.2	949.8	1085.9
15°	66.1	112.8	158.0	230.0	315.6	378.9	462.8	632.8	887.7	1092.4	1259.4
12.5°	79.5	130.3	182.2	274.0	377.7	450.3	601.0	847.6	1075.0	1253.5	1503.4
10°	92.9	147.6	205.6	319.1	442.0	521.8	752.9	1059.8	1279.6	1463.2	1750.6
7.5°	119.1	172.0	230.8	363.9	506.8	592.5	912.2	1266.3	1471.1	1658.0	1960.9
5°	147.4	203.3	270.0	419.8	571.1	656.4	1060.3	1463.2	1650.8	1839.0	2139.3
2.5°	174.8	233.6	307.8	474.0	631.4	708.3	1148.7	1572.5	1767.3	1979.5	2291.0
0°	200.2	262.4	343.8	523.7	686.6	756.7	1220.4	1664.9	1865.1	2097.0	2423.9
-2.5°	220.7	290.6	377.6	551.9	705.7	784.2	1235.1	1698.9	1915.6	2164.0	2487.7
-5°	237.9	316.8	408.7	575.2	720.6	808.5	1232.2	1711.0	1958.0	2214.8	2545.8
-7.5°	251.2	340.6	437.0	592.1	728.3	820.1	1228.5	1727.2	2004.5	2249.5	2592.9
-10°	258.6	350.4	443.0	589.8	726.4	822.6	1201.7	1717.5	2042.5	2274.6	2607.6
-12.5°	250.9	347.3	441.4	582.4	721.3	822.1	1143.3	1680.2	2072.8	2291.8	2579.7
-15°	241.8	342.2	435.4	569.8	713.4	818.7	1050.2	1614.1	2057.6	2229.1	2498.0
-17.5°	231.9	335.0	424.4	552.0	703.1	812.3	913.9	1446.5	1902.1	2121.9	2409.5
-20°	221.7	326.0	408.3	529.1	688.4	781.1	849.7	1234.6	1679.9	1989.7	2254.8



REPORT NUMBER: P1306022 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	211.5	314.9	391.0	507.9	635.2	729.5	802.3	1018.5	1449.7	1826.2	2023.9
-25°	206.1	298.8	376.6	468.9	578.6	676.4	747.4	824.3	1209.2	1570.9	1819.8
-27.5°	203.6	284.3	355.2	430.0	524.8	620.4	688.0	760.5	972.1	1313.8	1612.3
-30°	198.9	264.5	332.9	394.9	479.2	561.9	628.3	703.1	788.2	1064.2	1339.9
-32.5°	187.8	244.3	309.5	369.2	436.4	508.8	582.5	655.6	728.4	828.8	1081.5
-35°	174.7	227.5	286.2	342.8	396.3	465.7	539.3	611.4	673.1	737.3	877.1
-37.5°	164.2	209.3	263.1	316.7	367.2	426.6	494.4	564.4	627.5	685.4	765.1
-40°	152.6	189.8	241.3	292.0	339.6	390.6	451.1	514.2	579.3	647.1	709.4
-42.5°	139.9	175.8	218.7	267.7	312.3	359.3	407.6	466.0	530.1	601.6	666.3
-45°	125.4	160.8	196.1	241.1	284.0	327.2	372.5	418.7	481.6	545.8	613.5
-47.5°	110.1	144.6	178.6	214.5	255.4	294.8	336.2	383.5	432.9	491.6	551.3
-50°	94.3	127.1	160.0	192.6	227.5	263.2	299.8	347.5	394.5	440.4	491.7
-52.5°	78.5	108.7	140.1	171.4	202.4	234.6	269.6	311.6	356.0	399.0	441.6
-55°	61.7	89.9	119.2	149.0	178.5	207.8	241.7	279.1	317.5	358.5	398.1
-57.5°	47.5	70.0	97.2	125.5	153.4	181.9	215.2	247.4	282.3	318.5	354.0
-60°	34.6	51.9	73.7	99.9	127.1	155.1	188.0	219.9	249.7	278.7	312.1
-62.5°	22.9	36.3	52.7	72.5	97.3	125.3	154.8	186.2	220.0	246.4	272.5
-65°	18.8	23.2	34.4	49.8	66.2	90.0	116.9	146.0	175.3	201.6	229.4
-67.5°	14.6	18.7	22.6	28.4	42.6	58.4	75.3	99.3	124.8	146.9	169.3
-70°	12.7	14.5	17.8	21.3	24.6	31.1	45.0	59.8	74.4	88.6	106.9
-72.5°	11.2	12.8	14.6	16.4	19.3	22.3	25.5	28.9	37.2	48.1	58.3
-75°	9.9	11.0	12.5	14.1	15.6	17.0	18.7	21.4	24.1	26.6	29.1
-77.5°	8.9	9.7	10.7	11.8	12.8	13.9	15.1	16.4	17.6	19.0	20.4
-80°	7.9	8.4	9.1	9.9	10.4	11.0	11.7	12.5	13.3	14.0	14.8
-82.5°	7.3	7.6	8.0	8.4	8.4	8.4	8.3	8.6	9.1	9.6	10.1
-85°	6.8	6.8	6.9	7.1	7.2	7.3	7.3	7.3	7.2	7.1	7.1
-87.5°	6.7	6.5	6.4	6.3	6.4	6.4	6.4	6.5	6.2	6.0	5.7
-90°	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.5	4.2	4.0	3.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.5	4.5	4.5	4.5	4.5	4.8	5.1	5.4	5.7	6.5	7.4
87.5°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	1.1	1.1
85°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	1.1	1.1
82.5°	3.4	3.3	3.2	3.1	3.1	2.9	2.7	2.4	2.2	1.9	1.7
80°	3.4	3.4	3.4	3.4	3.4	3.2	2.9	2.6	2.3	2.0	1.7
77.5°	3.6	3.6	3.6	3.5	3.4	3.2	2.9	2.6	2.3	2.0	1.7
75°	4.5	4.4	4.2	3.9	3.5	3.2	2.9	2.6	2.4	2.3	2.2
72.5°	5.6	5.3	5.1	5.3	5.2	5.1	5.0	4.6	4.2	4.1	4.3
70°	10.4	10.9	10.9	10.4	9.3	8.3	7.5	6.7	5.7	5.5	5.5
67.5°	16.5	15.7	14.7	13.5	11.5	9.8	8.8	7.8	6.9	6.6	6.6
65°	20.5	17.0	14.6	12.7	11.2	9.8	8.7	7.6	6.6	6.0	5.9
62.5°	18.7	14.7	12.2	10.6	9.5	8.7	7.3	6.2	5.4	4.9	5.1
60°	16.2	11.8	9.2	7.9	6.8	5.8	5.2	4.9	4.6	4.5	4.6
57.5°	12.8	9.0	6.7	6.3	5.7	4.9	4.6	4.7	4.7	4.5	4.5
55°	9.4	7.7	6.8	6.5	6.2	5.9	5.6	5.5	5.4	5.3	5.4
52.5°	7.6	7.6	7.7	7.6	7.3	7.0	6.7	6.7	6.8	7.0	7.3
50°	8.4	8.6	8.8	8.7	8.5	8.2	7.8	8.2	8.7	9.2	9.5
47.5°	9.8	10.2	10.8	10.0	10.2	10.8	10.4	10.5	12.2	13.2	13.9
45°	12.5	14.4	14.9	15.4	15.6	16.7	17.2	17.6	20.8	22.2	22.3
42.5°	19.8	21.7	23.3	24.7	24.5	28.1	33.1	35.9	35.8	35.2	35.7
40°	30.0	32.0	36.6	40.1	45.5	50.3	50.7	46.0	46.5	51.9	52.3
37.5°	45.1	51.4	60.5	70.6	73.4	70.3	72.1	75.5	79.0	84.0	89.8
35°	71.8	92.9	97.1	104.9	110.0	104.9	106.9	115.9	116.0	132.0	140.8
32.5°	127.4	159.7	169.7	162.7	176.2	184.4	159.2	191.0	197.0	213.4	233.6
30°	207.8	275.1	295.9	286.2	322.9	334.5	312.3	376.0	413.5	412.7	507.3
27.5°	394.9	428.5	467.5	527.1	534.8	554.8	680.5	777.7	901.2	1018.0	1169.5
25°	604.2	623.2	735.1	808.8	845.2	978.1	1164.5	1316.5	1578.5	1823.1	2332.1
22.5°	796.9	868.1	1004.6	1122.6	1255.2	1469.2	1726.3	2008.3	2704.5	3561.1	4635.8
20°	986.0	1079.8	1242.8	1455.0	1666.6	1957.8	2299.5	3193.2	4562.2	6637.0	8879.4
17.5°	1199.6	1289.7	1512.0	1811.7	2133.6	2570.0	3618.1	5325.7	8232.9	12291.9	16207.7
15°	1476.8	1631.9	1877.9	2320.6	2936.8	3965.2	5673.9	9885.7	15689.9	22002.1	28769.4
12.5°	1801.1	2056.8	2457.2	3029.2	3916.6	6346.2	10640.3	17403.5	26077.1	34942.4	46065.0
10°	2115.1	2542.8	3155.4	4056.9	5822.0	9651.4	16048.9	25809.8	39099.4	52806.5	65090.2
7.5°	2390.7	2956.8	3781.1	5044.5	7846.8	13381.3	22584.6	36186.0	52750.7	69689.1	86206.8
5°	2672.3	3345.4	4306.0	5784.2	9081.6	16081.2	27894.3	45685.2	65698.5	86214.0	107772.8
2.5°	2903.5	3671.6	4744.2	6397.4	9811.3	17532.2	31187.0	52301.3	75425.0	98912.3	125738.4
0°	3042.6	3873.9	4960.9	6416.6	10384.4	18675.2	32000.4	54643.3	79531.5	105355.1	133431.7
-2.5°	3046.9	3831.8	4855.3	6355.7	10261.8	18362.7	32057.1	54584.9	79310.7	104181.1	131888.3
-5°	3037.4	3735.7	4697.0	6137.4	9527.7	16732.6	29597.8	51048.4	75402.3	98939.0	124175.4
-7.5°	3022.9	3608.7	4472.0	5788.3	8588.2	14765.0	26765.2	46401.6	69379.4	91302.7	113893.6
-10°	3006.1	3477.3	4265.0	5488.8	7737.1	12424.6	21530.8	39413.7	60492.3	80722.7	99247.8
-12.5°	2991.7	3423.3	4098.2	5076.2	6702.5	10411.4	18177.6	32209.8	49279.3	66361.7	82772.1
-15°	2936.5	3351.8	3962.1	4769.8	6088.3	8682.2	13569.8	23269.2	37285.6	50779.7	63806.6
-17.5°	2823.4	3250.1	3634.1	4262.8	5213.9	6905.3	10107.6	15952.3	24951.9	35500.1	44690.4
-20°	2601.9	2894.3	3212.9	3746.9	4478.9	5369.4	6829.7	10160.1	14439.2	21319.6	26138.2



REPORT NUMBER: P1306022 (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°	2273.0	2519.0	2787.0	3142.8	3657.5	4286.0	5065.2	6296.4	8529.3	11181.2	14112.2
-25°	1973.0	2149.8	2398.1	2703.8	2979.3	3389.3	3935.4	4413.0	5377.5	6157.6	7769.7
-27.5°	1745.6	1892.6	2117.5	2354.6	2557.9	2777.6	3157.6	3495.2	3964.5	4374.2	5029.5
-30°	1581.1	1731.7	1912.5	2092.2	2285.4	2471.6	2641.7	2897.7	3179.1	3446.4	3793.1
-32.5°	1378.2	1615.7	1746.6	1898.6	2070.4	2233.3	2363.1	2524.9	2679.8	2856.8	3047.0
-35°	1166.2	1425.7	1626.6	1743.4	1871.0	2026.6	2159.5	2270.2	2372.9	2482.8	2583.2
-37.5°	916.4	1203.3	1432.1	1604.9	1721.4	1830.0	1972.6	2079.0	2146.9	2238.0	2306.7
-40°	787.6	902.5	1162.6	1397.5	1547.6	1718.7	1851.3	1964.0	2088.3	2185.4	2241.3
-42.5°	724.9	791.5	860.6	1052.5	1287.5	1492.9	1663.9	1849.2	2015.5	2147.8	2270.9
-45°	676.3	723.6	773.0	836.6	902.4	1094.6	1305.4	1522.2	1716.3	1897.7	2053.3
-47.5°	611.6	667.0	712.0	752.2	792.7	851.7	914.8	1002.7	1189.3	1378.4	1558.8
-50°	544.9	595.9	645.6	692.3	730.2	759.9	783.8	822.6	878.8	934.7	989.6
-52.5°	482.2	529.5	574.5	619.8	664.1	703.4	738.2	765.6	788.2	807.4	820.5
-55°	437.3	474.5	509.6	552.7	595.3	634.8	671.5	705.1	735.8	763.7	783.0
-57.5°	390.6	427.1	463.4	499.7	534.9	568.9	603.0	636.3	667.6	696.0	715.1
-60°	344.3	375.5	411.5	449.0	484.1	516.9	548.6	578.5	606.4	630.3	645.7
-62.5°	300.7	330.1	361.2	394.9	430.4	465.1	496.9	527.2	555.8	579.0	593.9
-65°	256.5	281.3	307.9	335.8	364.6	394.1	424.4	455.3	486.4	511.3	527.7
-67.5°	192.7	217.5	243.6	270.9	295.4	317.9	339.8	362.3	385.1	404.0	418.8
-70°	125.4	143.9	162.1	180.7	201.1	221.7	241.5	260.0	277.2	290.9	302.1
-72.5°	67.8	76.7	86.8	101.0	114.6	128.3	141.9	154.7	166.7	175.6	182.7
-75°	31.4	35.5	43.1	50.2	56.7	63.4	69.8	75.7	81.1	84.9	87.8
-77.5°	22.3	24.1	25.9	27.8	29.6	32.1	34.8	37.5	40.0	42.5	44.9
-80°	15.7	16.7	17.7	18.7	19.6	21.0	22.5	24.1	25.6	27.2	28.7
-82.5°	10.5	11.2	11.8	12.5	13.1	13.9	14.8	15.6	16.4	17.7	18.9
-85°	7.1	7.4	7.7	8.0	8.4	9.0	9.7	10.4	11.1	12.0	12.9
-87.5°	5.5	5.5	5.5	5.6	5.6	6.1	6.7	7.3	7.8	8.7	9.6
-90°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.8	0.6



REPORT NUMBER: P1306022 (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°	8.2	9.0	9.6	10.2	9.6	9.0	8.2	7.4	6.5	5.7	5.4
87.5°	1.1	1.1	0.5	0.0	0.5	1.1	1.1	1.1	1.1	1.1	1.4
85°	1.1	1.1	0.6	0.0	0.6	1.1	1.1	1.1	1.1	1.1	1.4
82.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	1.9	2.2	2.4
80°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
77.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.4	2.6
72.5°	4.4	4.4	4.5	4.5	4.5	4.4	4.4	4.3	4.1	4.2	4.6
70°	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.7	6.7
67.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.9	7.8
65°	5.8	5.7	5.7	5.7	5.7	5.7	5.8	5.9	6.0	6.6	7.6
62.5°	5.3	5.6	5.7	5.7	5.7	5.6	5.3	5.1	4.9	5.4	6.2
60°	4.6	4.6	4.5	4.5	4.5	4.6	4.6	4.6	4.5	4.6	4.9
57.5°	4.5	4.5	5.0	5.7	5.0	4.5	4.5	4.5	4.5	4.7	4.7
55°	5.5	5.6	6.1	6.8	6.1	5.6	5.5	5.4	5.3	5.4	5.5
52.5°	7.6	7.8	7.9	7.9	7.9	7.8	7.6	7.3	7.0	6.8	6.7
50°	9.8	10.0	10.2	10.2	10.2	10.0	9.8	9.5	9.2	8.7	8.2
47.5°	14.4	14.5	14.6	14.7	14.6	14.5	14.4	13.9	13.2	12.2	10.5
45°	23.1	23.4	23.6	23.8	23.6	23.4	23.1	22.3	22.2	20.8	17.6
42.5°	37.2	37.9	37.8	37.3	37.8	37.9	37.2	35.7	35.2	35.8	35.9
40°	53.1	53.2	52.6	52.0	52.6	53.2	53.1	52.3	51.9	46.5	46.0
37.5°	92.4	89.1	83.1	80.3	83.1	89.1	92.4	89.8	84.0	79.0	75.5
35°	143.1	145.2	145.8	144.8	145.8	145.2	143.1	140.8	132.0	116.0	115.9
32.5°	239.2	250.7	254.4	261.3	254.4	250.7	239.2	233.6	213.4	197.0	191.0
30°	492.4	489.0	446.2	427.5	446.2	489.0	492.4	507.3	412.7	413.5	376.0
27.5°	1326.7	1479.4	1552.2	1546.2	1552.2	1479.4	1326.7	1169.5	1018.0	901.2	777.7
25°	2732.2	2977.6	3140.4	3033.5	3140.4	2977.6	2732.2	2332.1	1823.1	1578.5	1316.5
22.5°	5636.8	6171.9	6463.5	6568.2	6463.5	6171.9	5636.8	4635.8	3561.1	2704.5	2008.3
20°	11296.1	12306.5	13044.4	12428.2	13044.4	12306.5	11296.1	8879.4	6637.0	4562.2	3193.2
17.5°	20971.3	24114.1	26894.4	27763.4	26894.4	24114.1	20971.3	16207.7	12291.9	8232.9	5325.7
15°	35293.7	40601.4	43756.3	43572.4	43756.3	40601.4	35293.7	28769.4	22002.1	15689.9	9885.7
12.5°	54303.3	60853.3	65223.7	64251.9	65223.7	60853.3	54303.3	46065.0	34942.4	26077.1	17403.5
10°	77144.9	87066.0	94274.5	93942.5	94274.5	87066.0	77144.9	65090.2	52806.5	39099.4	25809.8
7.5°	100826.6	117113.4	131249.8	133628.6	131249.8	117113.4	100826.6	86206.8	69689.1	52750.7	36186.0
5°	131366.0	152832.7	166871.4	167673.9	166871.4	152832.7	131366.0	107772.8	86214.0	65698.5	45685.2
2.5°	156138.6	180764.5	192612.0	199790.2	192612.0	180764.5	156138.6	125738.4	98912.3	75425.0	52301.3
0°	167744.6	187764.0	209424.7	219687.5	209424.7	187764.0	167744.6	133431.7	105355.1	79531.5	54643.3
-2.5°	162983.1	184435.4	197431.9	208308.9	197431.9	184435.4	162983.1	131888.3	104181.1	79310.7	54584.9
-5°	152184.5	173440.3	184343.3	185360.5	184343.3	173440.3	152184.5	124175.4	98939.0	75402.3	51048.4
-7.5°	134555.4	152579.2	164026.3	167588.0	164026.3	152579.2	134555.4	113893.6	91302.7	69379.4	46401.6
-10°	115820.3	128782.3	136180.3	137598.6	136180.3	128782.3	115820.3	99247.8	80722.7	60492.3	39413.7
-12.5°	96342.3	106954.2	112058.9	113174.2	112058.9	106954.2	96342.3	82772.1	66361.7	49279.3	32209.8
-15°	74765.6	82750.8	87347.1	88146.9	87347.1	82750.8	74765.6	63806.6	50779.7	37285.6	23269.2
-17.5°	53366.2	59854.9	64510.9	65129.5	64510.9	59854.9	53366.2	44690.4	35500.1	24951.9	15952.3
-20°	32782.7	37197.7	39921.5	39522.0	39921.5	37197.7	32782.7	26138.2	21319.6	14439.2	10160.1



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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°	17649.8	20029.6	21180.7	21775.4	21180.7	20029.6	17649.8	14112.2	11181.2	8529.3	6296.4
-25°	9329.6	10337.5	10854.6	11259.8	10854.6	10337.5	9329.6	7769.7	6157.6	5377.5	4413.0
-27.5°	5551.2	5897.8	6090.3	6196.0	6090.3	5897.8	5551.2	5029.5	4374.2	3964.5	3495.2
-30°	4069.6	4235.7	4323.4	4367.1	4323.4	4235.7	4069.6	3793.1	3446.4	3179.1	2897.7
-32.5°	3199.6	3298.2	3358.8	3380.8	3358.8	3298.2	3199.6	3047.0	2856.8	2679.8	2524.9
-35°	2654.2	2687.2	2699.0	2720.2	2699.0	2687.2	2654.2	2583.2	2482.8	2372.9	2270.2
-37.5°	2359.0	2389.7	2404.7	2417.1	2404.7	2389.7	2359.0	2306.7	2238.0	2146.9	2079.0
-40°	2267.1	2299.7	2333.1	2357.2	2333.1	2299.7	2267.1	2241.3	2185.4	2088.3	1964.0
-42.5°	2324.6	2377.7	2414.3	2419.4	2414.3	2377.7	2324.6	2270.9	2147.8	2015.5	1849.2
-45°	2141.7	2202.3	2235.3	2246.3	2235.3	2202.3	2141.7	2053.3	1897.7	1716.3	1522.2
-47.5°	1718.6	1857.1	1939.7	1957.9	1939.7	1857.1	1718.6	1558.8	1378.4	1189.3	1002.7
-50°	1043.0	1092.4	1119.5	1123.2	1119.5	1092.4	1043.0	989.6	934.7	878.8	822.6
-52.5°	830.8	839.6	845.1	848.3	845.1	839.6	830.8	820.5	807.4	788.2	765.6
-55°	799.8	814.7	823.0	826.8	823.0	814.7	799.8	783.0	763.7	735.8	705.1
-57.5°	732.1	747.1	753.8	755.6	753.8	747.1	732.1	715.1	696.0	667.6	636.3
-60°	659.7	672.4	676.4	676.4	676.4	672.4	659.7	645.7	630.3	606.4	578.5
-62.5°	608.1	621.4	627.8	631.1	627.8	621.4	608.1	593.9	579.0	555.8	527.2
-65°	542.0	554.2	559.3	561.0	559.3	554.2	542.0	527.7	511.3	486.4	455.3
-67.5°	432.1	443.6	446.8	446.8	446.8	443.6	432.1	418.8	404.0	385.1	362.3
-70°	311.5	319.1	320.4	319.0	320.4	319.1	311.5	302.1	290.9	277.2	260.0
-72.5°	188.4	192.8	194.4	194.5	194.4	192.8	188.4	182.7	175.6	166.7	154.7
-75°	90.1	91.7	93.0	93.9	93.0	91.7	90.1	87.8	84.9	81.1	75.7
-77.5°	47.2	49.4	50.2	50.9	50.2	49.4	47.2	44.9	42.5	40.0	37.5
-80°	30.1	31.5	31.7	31.7	31.7	31.5	30.1	28.7	27.2	25.6	24.1
-82.5°	20.2	21.4	21.5	21.5	21.5	21.4	20.2	18.9	17.7	16.4	15.6
-85°	13.8	14.7	15.2	15.8	15.2	14.7	13.8	12.9	12.0	11.1	10.4
-87.5°	10.4	11.3	11.3	11.3	11.3	11.3	10.4	9.6	8.7	7.8	7.3
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.1	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.1	5.4	5.7
87.5°	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.2	4.5
85°	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.2	4.5
82.5°	2.7	2.9	3.1	3.1	3.2	3.3	3.4	3.7	4.0	4.3	4.5
80°	2.9	3.2	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.3	4.6
77.5°	2.9	3.2	3.4	3.5	3.6	3.6	3.6	3.7	4.0	4.3	4.6
75°	2.9	3.2	3.5	3.9	4.2	4.4	4.5	4.6	4.7	4.8	4.9
72.5°	5.0	5.1	5.2	5.3	5.1	5.3	5.6	5.8	5.9	5.8	5.6
70°	7.5	8.3	9.3	10.4	10.9	10.9	10.4	9.4	8.0	7.4	6.9
67.5°	8.8	9.8	11.5	13.5	14.7	15.7	16.5	16.7	15.8	14.1	10.4
65°	8.7	9.8	11.2	12.7	14.6	17.0	20.5	22.3	22.5	21.3	16.6
62.5°	7.3	8.7	9.5	10.6	12.2	14.7	18.7	22.4	26.0	27.0	21.7
60°	5.2	5.8	6.8	7.9	9.2	11.8	16.2	20.5	24.9	25.0	23.3
57.5°	4.6	4.9	5.7	6.3	6.7	9.0	12.8	17.7	22.6	21.9	20.7
55°	5.6	5.9	6.2	6.5	6.8	7.7	9.4	12.7	17.2	18.2	17.4
52.5°	6.7	7.0	7.3	7.6	7.7	7.6	7.6	9.6	11.6	13.4	14.0
50°	7.8	8.2	8.5	8.7	8.8	8.6	8.4	8.2	9.4	10.8	11.3
47.5°	10.4	10.8	10.2	10.0	10.8	10.2	9.8	9.9	10.5	10.1	10.6
45°	17.2	16.7	15.6	15.4	14.9	14.4	12.5	13.4	13.6	12.9	11.2
42.5°	33.1	28.1	24.5	24.7	23.3	21.7	19.8	19.4	18.8	17.3	16.2
40°	50.7	50.3	45.5	40.1	36.6	32.0	30.0	27.5	26.0	23.7	23.2
37.5°	72.1	70.3	73.4	70.6	60.5	51.4	45.1	38.5	34.3	36.5	34.6
35°	106.9	104.9	110.0	104.9	97.1	92.9	71.8	56.1	50.9	56.5	50.8
32.5°	159.2	184.4	176.2	162.7	169.7	159.7	127.4	88.0	87.4	86.0	76.3
30°	312.3	334.5	322.9	286.2	295.9	275.1	207.8	194.3	163.0	124.1	108.4
27.5°	680.5	554.8	534.8	527.1	467.5	428.5	394.9	355.8	274.4	201.3	150.6
25°	1164.5	978.1	845.2	808.8	735.1	623.2	604.2	555.9	455.7	306.0	207.1
22.5°	1726.3	1469.2	1255.2	1122.6	1004.6	868.1	796.9	766.6	658.8	437.2	298.8
20°	2299.5	1957.8	1666.6	1455.0	1242.8	1079.8	986.0	938.1	804.5	596.6	394.6
17.5°	3618.1	2570.0	2133.6	1811.7	1512.0	1289.7	1199.6	1085.9	949.8	751.2	487.9
15°	5673.9	3965.2	2936.8	2320.6	1877.9	1631.9	1476.8	1259.4	1092.4	887.7	632.8
12.5°	10640.3	6346.2	3916.6	3029.2	2457.2	2056.8	1801.1	1503.4	1253.5	1075.0	847.6
10°	16048.9	9651.4	5822.0	4056.9	3155.4	2542.8	2115.1	1750.6	1463.2	1279.6	1059.8
7.5°	22584.6	13381.3	7846.8	5044.5	3781.1	2956.8	2390.7	1960.9	1658.0	1471.1	1266.3
5°	27894.3	16081.2	9081.6	5784.2	4306.0	3345.4	2672.3	2139.3	1839.0	1650.8	1463.2
2.5°	31187.0	17532.2	9811.3	6397.4	4744.2	3671.6	2903.5	2291.0	1979.5	1767.3	1572.5
0°	32000.4	18675.2	10384.4	6416.6	4960.9	3873.9	3042.6	2423.9	2097.0	1865.1	1664.9
-2.5°	32057.1	18362.7	10261.8	6355.7	4855.3	3831.8	3046.9	2487.7	2164.0	1915.6	1698.9
-5°	29597.8	16732.6	9527.7	6137.4	4697.0	3735.7	3037.4	2545.8	2214.8	1958.0	1711.0
-7.5°	26765.2	14765.0	8588.2	5788.3	4472.0	3608.7	3022.9	2592.9	2249.5	2004.5	1727.2
-10°	21530.8	12424.6	7737.1	5488.8	4265.0	3477.3	3006.1	2607.6	2274.6	2042.5	1717.5
-12.5°	18177.6	10411.4	6702.5	5076.2	4098.2	3423.3	2991.7	2579.7	2291.8	2072.8	1680.2
-15°	13569.8	8682.2	6088.3	4769.8	3962.1	3351.8	2936.5	2498.0	2229.1	2057.6	1614.1
-17.5°	10107.6	6905.3	5213.9	4262.8	3634.1	3250.1	2823.4	2409.5	2121.9	1902.1	1446.5
-20°	6829.7	5369.4	4478.9	3746.9	3212.9	2894.3	2601.9	2254.8	1989.7	1679.9	1234.6



REPORT NUMBER: P1306022 (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°	5065.2	4286.0	3657.5	3142.8	2787.0	2519.0	2273.0	2023.9	1826.2	1449.7	1018.5
-25°	3935.4	3389.3	2979.3	2703.8	2398.1	2149.8	1973.0	1819.8	1570.9	1209.2	824.3
-27.5°	3157.6	2777.6	2557.9	2354.6	2117.5	1892.6	1745.6	1612.3	1313.8	972.1	760.5
-30°	2641.7	2471.6	2285.4	2092.2	1912.5	1731.7	1581.1	1339.9	1064.2	788.2	703.1
-32.5°	2363.1	2233.3	2070.4	1898.6	1746.6	1615.7	1378.2	1081.5	828.8	728.4	655.6
-35°	2159.5	2026.6	1871.0	1743.4	1626.6	1425.7	1166.2	877.1	737.3	673.1	611.4
-37.5°	1972.6	1830.0	1721.4	1604.9	1432.1	1203.3	916.4	765.1	685.4	627.5	564.4
-40°	1851.3	1718.7	1547.6	1397.5	1162.6	902.5	787.6	709.4	647.1	579.3	514.2
-42.5°	1663.9	1492.9	1287.5	1052.5	860.6	791.5	724.9	666.3	601.6	530.1	466.0
-45°	1305.4	1094.6	902.4	836.6	773.0	723.6	676.3	613.5	545.8	481.6	418.7
-47.5°	914.8	851.7	792.7	752.2	712.0	667.0	611.6	551.3	491.6	432.9	383.5
-50°	783.8	759.9	730.2	692.3	645.6	595.9	544.9	491.7	440.4	394.5	347.5
-52.5°	738.2	703.4	664.1	619.8	574.5	529.5	482.2	441.6	399.0	356.0	311.6
-55°	671.5	634.8	595.3	552.7	509.6	474.5	437.3	398.1	358.5	317.5	279.1
-57.5°	603.0	568.9	534.9	499.7	463.4	427.1	390.6	354.0	318.5	282.3	247.4
-60°	548.6	516.9	484.1	449.0	411.5	375.5	344.3	312.1	278.7	249.7	219.9
-62.5°	496.9	465.1	430.4	394.9	361.2	330.1	300.7	272.5	246.4	220.0	186.2
-65°	424.4	394.1	364.6	335.8	307.9	281.3	256.5	229.4	201.6	175.3	146.0
-67.5°	339.8	317.9	295.4	270.9	243.6	217.5	192.7	169.3	146.9	124.8	99.3
-70°	241.5	221.7	201.1	180.7	162.1	143.9	125.4	106.9	88.6	74.4	59.8
-72.5°	141.9	128.3	114.6	101.0	86.8	76.7	67.8	58.3	48.1	37.2	28.9
-75°	69.8	63.4	56.7	50.2	43.1	35.5	31.4	29.1	26.6	24.1	21.4
-77.5°	34.8	32.1	29.6	27.8	25.9	24.1	22.3	20.4	19.0	17.6	16.4
-80°	22.5	21.0	19.6	18.7	17.7	16.7	15.7	14.8	14.0	13.3	12.5
-82.5°	14.8	13.9	13.1	12.5	11.8	11.2	10.5	10.1	9.6	9.1	8.6
-85°	9.7	9.0	8.4	8.0	7.7	7.4	7.1	7.1	7.1	7.2	7.3
-87.5°	6.7	6.1	5.6	5.6	5.5	5.5	5.5	5.7	6.0	6.2	6.5
-90°	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.2	4.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.8	6.5	6.3	6.0
87.5°	4.5	4.5	4.5	4.5	4.8	5.1	5.4	5.7	5.7	5.7	5.7
85°	4.6	4.7	4.7	4.7	4.9	5.1	5.4	5.7	5.7	5.7	5.7
82.5°	4.8	5.1	5.3	5.4	5.4	5.4	5.5	5.7	5.7	5.7	5.7
80°	4.9	5.2	5.5	5.7	5.7	5.7	5.7	5.7	5.9	5.9	5.9
77.5°	4.9	5.2	5.5	5.7	5.7	5.7	5.7	5.8	6.0	6.1	6.1
75°	4.9	5.2	5.5	5.7	5.7	5.7	5.7	5.8	6.1	6.3	6.4
72.5°	5.5	5.5	5.6	5.7	5.7	5.7	5.7	5.8	6.1	6.3	6.6
70°	6.3	5.8	5.7	5.8	5.8	5.7	5.7	5.8	6.1	6.4	6.6
67.5°	7.4	6.7	6.1	6.0	6.1	6.0	5.8	5.9	6.1	6.4	6.7
65°	12.2	8.9	6.8	6.5	6.4	6.4	6.2	6.0	6.2	6.4	6.7
62.5°	16.6	12.1	9.1	7.3	6.7	6.6	6.7	6.4	6.3	6.5	6.7
60°	20.8	15.6	11.5	9.2	7.5	6.8	6.8	6.7	6.5	6.5	6.8
57.5°	19.3	18.1	14.7	11.2	8.9	7.4	6.8	6.8	6.7	6.6	6.8
55°	16.4	15.8	16.2	13.6	10.4	8.3	7.1	6.8	6.8	6.7	6.8
52.5°	13.3	14.2	15.4	14.8	12.0	9.2	7.8	6.8	6.8	6.8	6.8
50°	11.0	12.8	14.7	15.0	13.2	10.4	8.5	7.3	6.8	6.8	6.9
47.5°	11.0	12.5	13.8	15.4	14.2	11.4	9.2	7.8	6.8	6.8	6.9
45°	12.8	13.5	13.9	14.8	15.2	12.2	9.9	8.2	7.1	6.9	7.0
42.5°	15.6	15.8	15.4	14.6	15.1	12.8	10.4	8.6	7.4	6.9	7.1
40°	21.5	19.4	17.8	17.4	15.7	13.2	10.8	8.9	7.7	7.1	7.2
37.5°	28.5	25.0	21.8	22.4	18.0	14.5	10.9	9.1	8.1	7.4	7.3
35°	41.6	32.4	31.0	30.2	24.2	16.4	10.9	9.1	8.5	7.7	7.3
32.5°	57.2	48.1	46.6	40.5	32.1	18.9	12.1	9.9	9.1	8.0	7.4
30°	86.5	77.7	66.7	52.9	41.8	26.2	15.0	11.0	9.6	8.3	7.5
27.5°	133.3	112.6	92.0	71.3	53.5	35.1	18.6	12.2	10.3	8.7	7.7
25°	183.5	155.5	125.5	94.1	66.5	47.8	22.2	13.8	11.2	9.2	8.0
22.5°	236.4	201.9	162.4	119.5	85.2	62.9	29.2	16.8	12.3	9.7	8.2
20°	290.2	249.9	203.7	149.9	108.2	78.9	40.5	19.7	13.5	10.2	8.4
17.5°	349.5	308.1	257.1	188.3	133.3	95.6	52.9	22.5	14.8	10.8	8.6
15°	462.8	378.9	315.6	230.0	158.0	112.8	66.1	25.2	16.2	11.3	8.8
12.5°	601.0	450.3	377.7	274.0	182.2	130.3	79.5	27.7	17.6	12.3	9.1
10°	752.9	521.8	442.0	319.1	205.6	147.6	92.9	32.1	20.3	13.7	9.3
7.5°	912.2	592.5	506.8	363.9	230.8	172.0	119.1	41.2	23.2	15.1	9.6
5°	1060.3	656.4	571.1	419.8	270.0	203.3	147.4	50.6	26.2	16.5	9.8
2.5°	1148.7	708.3	631.4	474.0	307.8	233.6	174.8	60.0	29.0	17.9	10.0
0°	1220.4	756.7	686.6	523.7	343.8	262.4	200.2	69.0	31.7	19.2	10.2
-2.5°	1235.1	784.2	705.7	551.9	377.6	290.6	220.7	83.9	42.1	25.5	13.6
-5°	1232.2	808.5	720.6	575.2	408.7	316.8	237.9	97.7	52.1	31.5	16.8
-7.5°	1228.5	820.1	728.3	592.1	437.0	340.6	251.2	110.4	61.4	37.1	19.8
-10°	1201.7	822.6	726.4	589.8	443.0	350.4	258.6	121.5	69.9	42.2	22.5
-12.5°	1143.3	822.1	721.3	582.4	441.4	347.3	250.9	129.2	77.3	46.6	24.8
-15°	1050.2	818.7	713.4	569.8	435.4	342.2	241.8	134.7	83.3	50.6	26.6
-17.5°	913.9	812.3	703.1	552.0	424.4	335.0	231.9	138.5	88.3	54.1	28.3
-20°	849.7	781.1	688.4	529.1	408.3	326.0	221.7	140.8	92.3	56.7	29.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	802.3	729.5	635.2	507.9	391.0	314.9	211.5	141.3	95.2	58.3	30.4
-25°	747.4	676.4	578.6	468.9	376.6	298.8	206.1	140.1	96.9	58.7	30.4
-27.5°	688.0	620.4	524.8	430.0	355.2	284.3	203.6	141.4	97.4	58.0	29.6
-30°	628.3	561.9	479.2	394.9	332.9	264.5	198.9	141.3	96.4	56.8	28.0
-32.5°	582.5	508.8	436.4	369.2	309.5	244.3	187.8	139.7	93.8	54.8	26.8
-35°	539.3	465.7	396.3	342.8	286.2	227.5	174.7	136.5	89.5	51.7	25.3
-37.5°	494.4	426.6	367.2	316.7	263.1	209.3	164.2	126.3	83.5	47.3	23.2
-40°	451.1	390.6	339.6	292.0	241.3	189.8	152.6	114.7	77.0	41.6	20.4
-42.5°	407.6	359.3	312.3	267.7	218.7	175.8	139.9	102.4	67.8	36.8	16.9
-45°	372.5	327.2	284.0	241.1	196.1	160.8	125.4	89.5	57.5	32.0	14.3
-47.5°	336.2	294.8	255.4	214.5	178.6	144.6	110.1	77.1	46.6	26.3	13.5
-50°	299.8	263.2	227.5	192.6	160.0	127.1	94.3	63.8	38.9	19.6	12.5
-52.5°	269.6	234.6	202.4	171.4	140.1	108.7	78.5	50.2	30.5	16.4	11.2
-55°	241.7	207.8	178.5	149.0	119.2	89.9	61.7	40.0	21.7	14.6	10.0
-57.5°	215.2	181.9	153.4	125.5	97.2	70.0	47.5	29.3	17.8	12.7	9.8
-60°	188.0	155.1	127.1	99.9	73.7	51.9	34.6	20.6	15.3	10.9	9.6
-62.5°	154.8	125.3	97.3	72.5	52.7	36.3	22.9	17.4	12.6	10.5	9.3
-65°	116.9	90.0	66.2	49.8	34.4	23.2	18.8	14.0	11.4	10.0	9.0
-67.5°	75.3	58.4	42.6	28.4	22.6	18.7	14.6	12.2	10.6	9.4	8.7
-70°	45.0	31.1	24.6	21.3	17.8	14.5	12.7	11.0	9.8	9.0	8.4
-72.5°	25.5	22.3	19.3	16.4	14.6	12.8	11.2	9.9	9.1	8.5	8.0
-75°	18.7	17.0	15.6	14.1	12.5	11.0	9.9	9.0	8.4	8.0	7.7
-77.5°	15.1	13.9	12.8	11.8	10.7	9.7	8.9	8.1	7.8	7.6	7.3
-80°	11.7	11.0	10.4	9.9	9.1	8.4	7.9	7.6	7.4	7.2	7.0
-82.5°	8.3	8.4	8.4	8.4	8.0	7.6	7.3	7.1	7.0	6.8	6.7
-85°	7.3	7.3	7.2	7.1	6.9	6.8	6.8	6.8	6.7	6.6	6.5
-87.5°	6.4	6.4	6.4	6.3	6.4	6.5	6.7	6.8	6.6	6.4	6.2
-90°	4.5	4.5	4.5	4.5	4.8	5.1	5.4	5.7	5.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7
87.5°	5.7	5.8	5.8	5.8	5.8	5.7	5.7
85°	5.7	5.8	5.9	5.9	5.9	5.7	5.7
82.5°	5.7	5.9	6.0	6.0	6.0	5.8	5.7
80°	5.8	6.0	6.1	6.1	6.1	5.8	5.7
77.5°	6.0	6.1	6.2	6.2	6.2	5.8	5.7
75°	6.3	6.2	6.3	6.4	6.2	5.8	5.7
72.5°	6.6	6.4	6.4	6.5	6.3	5.9	5.7
70°	6.8	6.6	6.5	6.6	6.4	5.9	5.7
67.5°	6.8	6.7	6.6	6.6	6.5	5.9	5.7
65°	6.8	6.8	6.7	6.7	6.5	5.9	5.7
62.5°	6.8	6.8	6.7	6.7	6.6	5.9	5.7
60°	6.8	6.8	6.8	6.7	6.7	5.9	5.7
57.5°	6.8	6.8	6.8	6.7	6.6	5.9	5.7
55°	6.8	6.8	6.8	6.8	6.6	6.0	5.7
52.5°	6.8	6.8	6.8	6.8	6.6	6.0	5.7
50°	6.8	6.8	6.8	6.8	6.6	6.0	5.7
47.5°	6.8	6.8	6.8	6.8	6.6	6.0	5.7
45°	6.9	6.8	6.8	6.8	6.6	6.0	5.7
42.5°	7.0	6.8	6.8	6.8	6.6	6.0	5.7
40°	7.1	6.8	6.8	6.8	6.6	6.0	5.7
37.5°	7.3	6.8	6.8	6.8	6.6	6.0	5.7
35°	7.4	6.9	6.8	6.8	6.6	6.0	5.7
32.5°	7.5	7.0	6.8	6.8	6.6	5.9	5.7
30°	7.6	7.1	6.8	6.8	6.7	5.9	5.7
27.5°	7.7	7.2	6.8	6.8	6.7	5.9	5.7
25°	7.7	7.4	6.8	6.8	6.7	5.9	5.7
22.5°	7.8	7.5	6.8	6.8	6.7	5.9	5.7
20°	7.9	7.6	6.8	6.8	6.7	5.9	5.7
17.5°	8.0	7.6	6.8	6.8	6.7	5.9	5.7
15°	8.1	7.7	6.8	6.8	6.7	5.8	5.7
12.5°	8.2	7.8	6.8	6.8	6.8	5.8	5.7
10°	8.4	7.8	6.8	6.8	6.8	5.8	5.7
7.5°	8.5	7.9	6.8	6.8	6.8	5.8	5.7
5°	8.7	7.9	6.8	6.8	6.8	5.7	5.7
2.5°	8.8	7.9	6.8	6.8	6.8	5.7	5.7
0°	9.0	7.9	6.8	6.8	6.8	5.7	5.7
-2.5°	9.9	7.9	6.8	6.8	6.8	5.7	5.7
-5°	10.8	7.9	6.8	6.8	6.8	5.7	5.7
-7.5°	11.5	7.9	6.8	6.8	6.8	5.7	5.7
-10°	12.2	7.8	6.8	6.8	6.8	5.7	5.7
-12.5°	12.7	7.8	6.8	6.8	6.7	5.7	5.7
-15°	13.0	7.7	6.8	6.8	6.7	5.7	5.7
-17.5°	13.2	7.6	6.8	6.8	6.7	5.7	5.7
-20°	13.4	7.6	6.8	6.8	6.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.8	7.5	6.8	6.8	6.6	5.7	5.7
-25°	13.8	7.6	6.8	6.8	6.6	5.7	5.7
-27.5°	13.4	7.8	6.8	6.8	6.6	5.7	5.7
-30°	12.6	7.8	6.8	6.8	6.5	5.7	5.7
-32.5°	11.4	7.8	6.9	6.8	6.5	5.7	5.7
-35°	11.0	7.8	7.0	6.8	6.4	5.7	5.7
-37.5°	10.9	7.7	7.1	6.8	6.3	5.7	5.7
-40°	10.6	7.8	7.1	6.8	6.3	5.7	5.7
-42.5°	10.2	7.9	7.2	6.8	6.2	5.7	5.7
-45°	9.7	7.9	7.2	6.8	6.2	5.7	5.7
-47.5°	9.0	7.9	7.2	6.9	6.1	5.7	5.7
-50°	8.9	7.9	7.3	6.8	6.0	5.7	5.7
-52.5°	8.9	7.9	7.3	6.7	5.9	5.7	5.7
-55°	8.8	7.9	7.3	6.6	5.9	5.7	5.7
-57.5°	8.7	7.8	7.2	6.5	5.8	5.7	5.7
-60°	8.6	7.8	7.2	6.4	5.7	5.7	5.7
-62.5°	8.4	7.7	7.1	6.3	5.7	5.7	5.7
-65°	8.2	7.6	6.9	6.2	5.7	5.7	5.7
-67.5°	8.0	7.4	6.7	6.1	5.7	5.7	5.7
-70°	7.8	7.2	6.6	6.0	5.7	5.7	5.7
-72.5°	7.6	7.0	6.4	5.9	5.7	5.7	5.7
-75°	7.3	6.8	6.2	5.9	5.7	5.7	5.7
-77.5°	7.1	6.6	6.2	5.9	5.7	5.7	5.7
-80°	6.8	6.4	6.1	5.8	5.7	5.7	5.7
-82.5°	6.5	6.2	6.0	5.8	5.7	5.7	5.7
-85°	6.3	6.1	5.9	5.8	5.7	5.7	5.7
-87.5°	6.0	5.9	5.8	5.7	5.7	5.7	5.7
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7

(END OF REPORT)