

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: P1306073 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

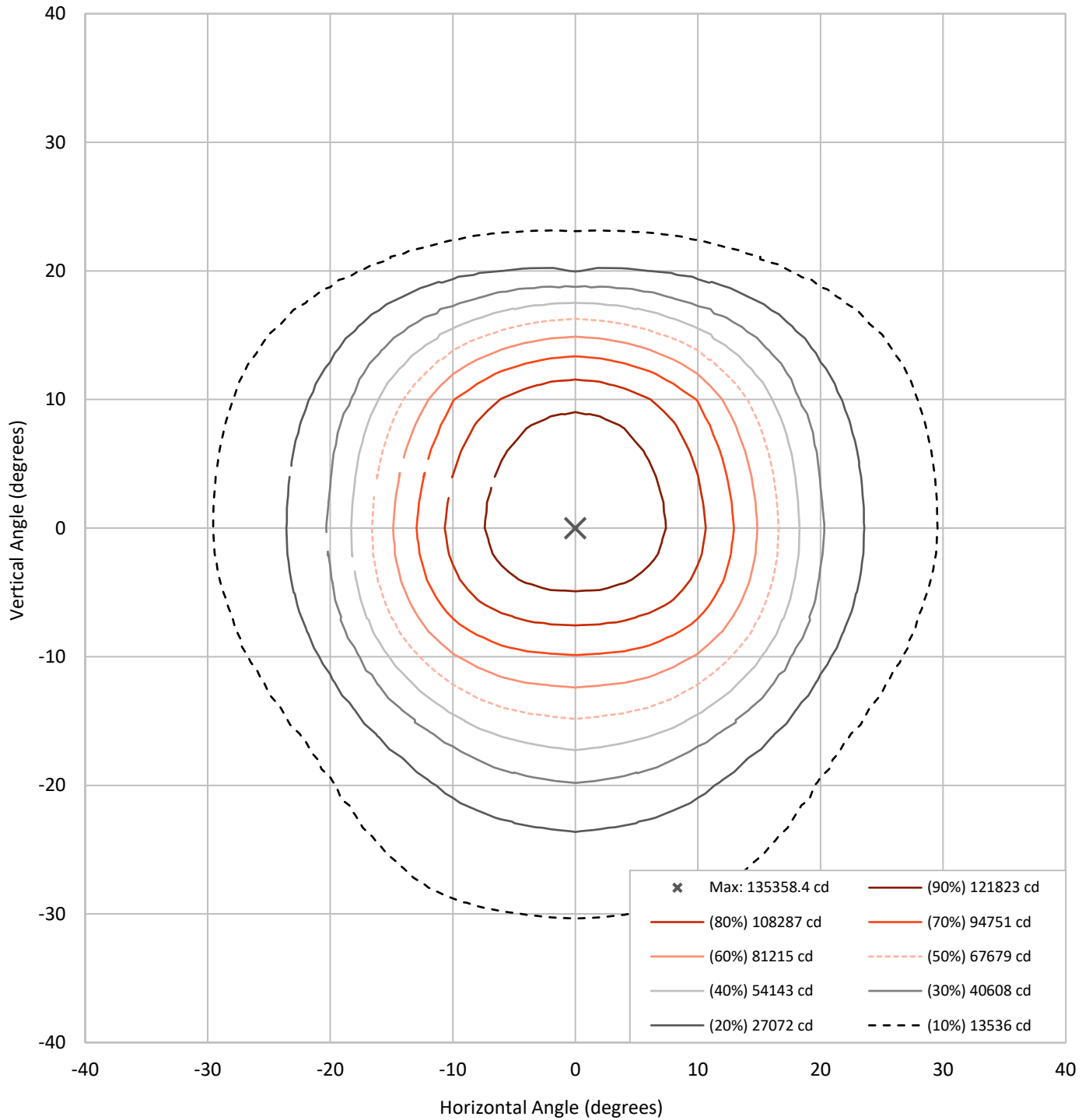
Test Method: LM-79-08
Report Number: P1306073 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	46119.4 lumens	Max Intensity:	135358.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	25206.1 lumens	Field Lumens:	40615.1 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





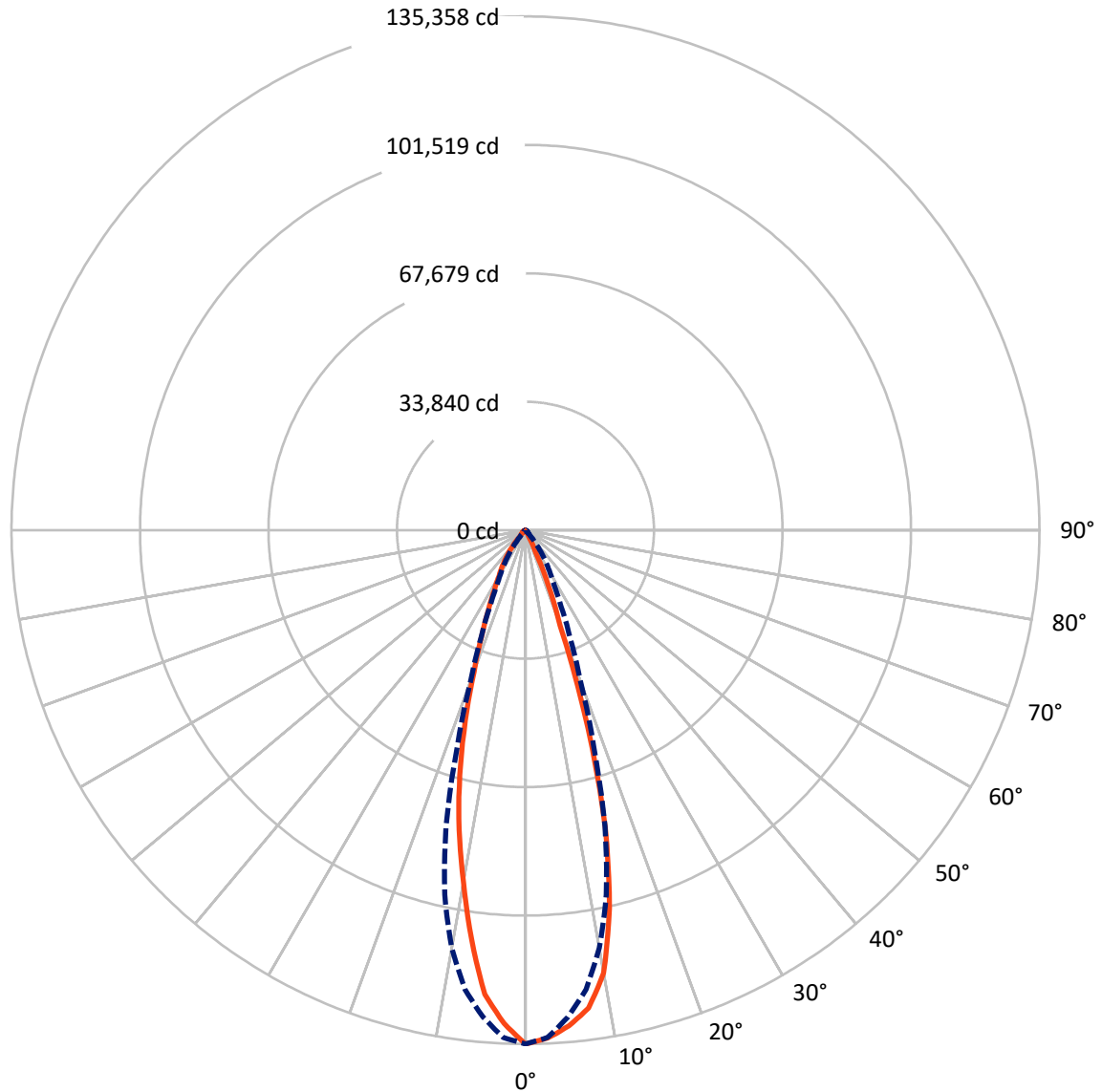
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Lumen Table

90	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0									
80	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0									
70	0.0	0.0	0.1	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0.0	0.0		
60		0.0	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.0			
50	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1		
40		0.1	0.5	1.4	2.5	4.3	6.6	8.1	8.1	6.6	4.3	2.5	1.4	0.5	0.1			
30	0.1	0.3	2.3	6.9	27.4	85.5	171.2	277.9	277.9	171.2	85.5	27.4	6.9	2.3	0.3	0.1		
20		0.7	5.1	16.7	113.1	386.4	1153.3	2150.1	2150.1	1153.3	386.4	113.1	16.7	5.1	0.7			
10	0.1	1.1	7.0	23.9	176.3	627.9	2153.1	3687.7	3687.7	2153.1	627.9	176.3	23.9	7.0	1.1	0.1		
0		1.5	7.5	24.6	174.0	605.7	2084.0	3432.6	3432.6	2084.0	605.7	174.0	24.6	7.5	1.5			
-10	0.3	1.7	7.2	18.9	103.5	342.2	1051.7	1874.6	1874.6	1051.7	342.2	103.5	18.9	7.2	1.7	0.3		
-20		1.8	6.9	14.6	48.7	185.5	427.4	681.8	681.8	427.4	185.5	48.7	14.6	6.9	1.8			
-30	0.2	1.5	6.2	12.5	24.0	68.9	172.6	262.1	262.1	172.6	68.9	24.0	12.5	6.2	1.5	0.2		
-40		0.9	4.5	10.7	18.0	27.4	41.7	56.6	56.6	41.7	27.4	18.0	10.7	4.5	0.9			
-50	0.1	0.5	2.3	6.9	13.5	19.5	25.0	28.6	28.6	25.0	19.5	13.5	6.9	2.3	0.5	0.1		
-60		0.2	0.8	2.5	5.4	9.1	12.8	14.8	14.8	12.8	9.1	5.4	2.5	0.8	0.2			
-70	0.1	0.2	0.8	2.5	5.4	9.1	12.8	14.8	14.8	12.8	9.1	5.4	2.5	0.8	0.2	0.1		
-80		0.1	0.4	1.7	4.3	5.8	4.3	1.7	0.4	0.1								
-90	0.1	0.4	1.7	4.3	5.8	4.3	1.7	0.4	0.1									

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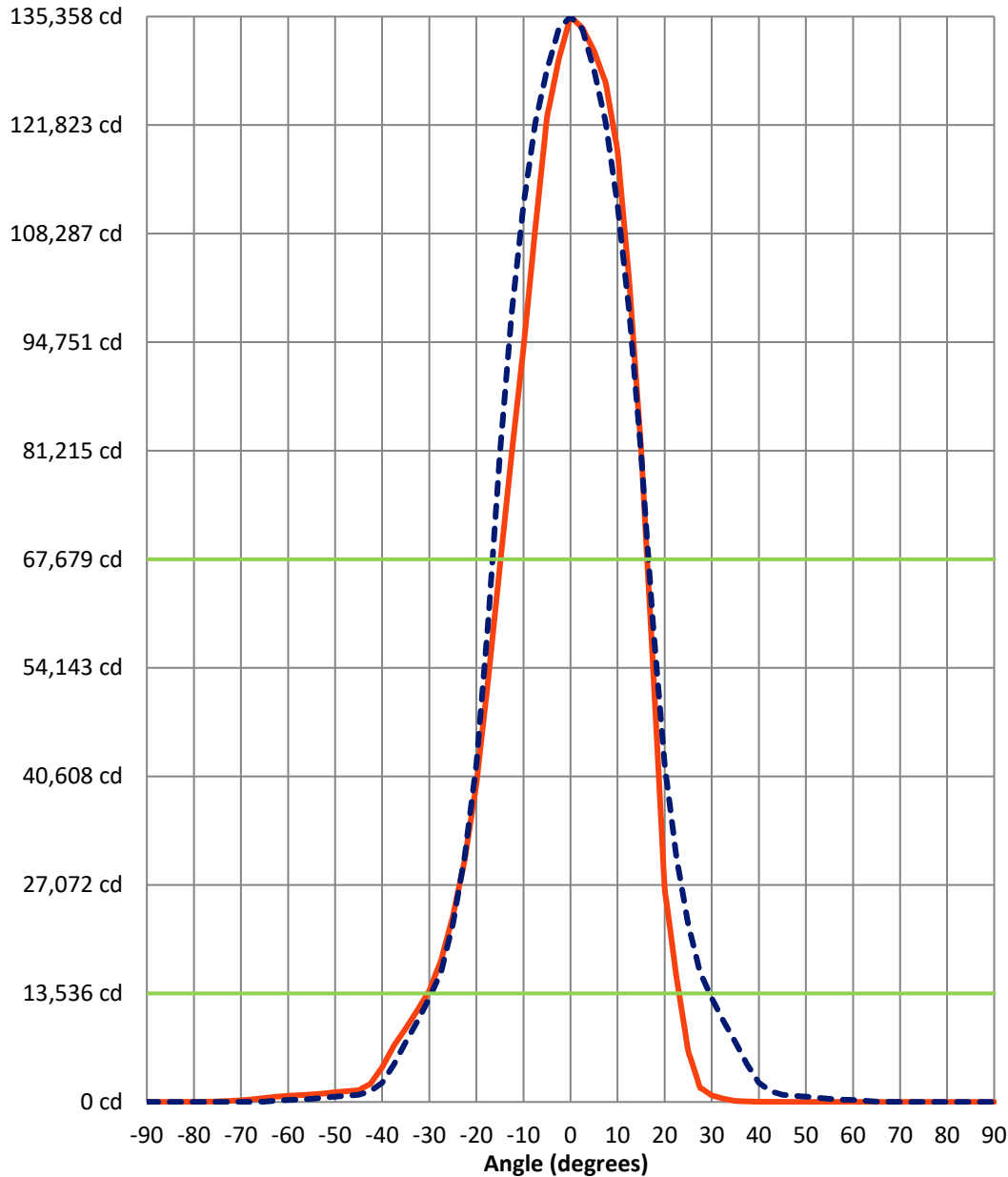
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 25206.1
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 40615.1
 Efficiency: 88.1%

Spill:
 Lumens: 5504.2
 Efficiency: 11.9%

— 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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	2.3	1.8	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
85°	2.3	1.8	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2
82.5°	2.3	1.8	1.5	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2
80°	2.3	1.9	1.6	1.6	1.6	1.5	1.3	1.4	1.4	1.4	1.2
77.5°	2.3	1.9	1.7	1.7	1.7	1.6	1.5	1.6	1.6	1.5	1.4
75°	2.3	1.9	1.8	1.9	1.8	1.7	1.8	1.9	1.8	1.8	1.8
72.5°	2.3	1.9	1.9	2.0	1.9	1.9	2.1	2.1	2.0	2.0	2.2
70°	2.3	2.0	2.0	2.1	2.0	2.1	2.3	2.2	2.2	2.3	2.3
67.5°	2.3	2.0	2.1	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.3
65°	2.3	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	2.3	2.0	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3
60°	2.3	2.1	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.1	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
52.5°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
50°	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.0
47.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.8
45°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.0	4.6
42.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.6	5.5
40°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.7	4.3	6.5
37.5°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.6	3.3	5.0	7.5
35°	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.7	3.9	6.0	8.4
32.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.9	4.4	6.8	9.3
30°	2.3	2.3	2.3	2.3	2.3	2.3	2.5	3.1	5.0	7.7	10.3
27.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.6	3.5	5.5	8.5	11.5
25°	2.3	2.3	2.3	2.3	2.3	2.3	2.7	3.9	6.2	9.4	12.9
22.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.9	4.3	6.8	10.4	15.6
20°	2.3	2.3	2.3	2.3	2.3	2.4	3.0	4.7	7.4	11.4	18.6
17.5°	2.3	2.3	2.3	2.3	2.3	2.5	3.3	5.0	7.9	12.5	21.8
15°	2.3	2.3	2.3	2.3	2.3	2.6	3.5	5.4	8.3	13.7	25.0
12.5°	2.3	2.3	2.3	2.3	2.3	2.8	3.7	5.9	9.1	14.8	28.4
10°	2.3	2.3	2.3	2.3	2.3	2.9	3.9	6.4	10.1	16.7	31.8
7.5°	2.3	2.3	2.3	2.3	2.3	3.1	4.2	6.9	11.2	18.8	35.4
5°	2.3	2.3	2.3	2.3	2.3	3.2	4.4	7.4	12.2	20.8	38.7
2.5°	2.3	2.3	2.3	2.3	2.3	3.4	4.5	7.8	13.1	22.7	41.8
0°	2.3	2.3	2.3	2.3	2.3	3.5	4.7	8.2	14.0	24.5	44.4
-2.5°	2.3	2.3	2.3	2.3	2.4	3.9	5.8	10.4	18.8	33.1	57.2
-5°	2.3	2.3	2.3	2.3	2.5	4.2	6.8	12.5	23.4	41.3	69.4
-7.5°	2.3	2.3	2.3	2.3	2.6	4.6	7.8	14.4	27.7	48.9	80.8
-10°	2.3	2.3	2.3	2.3	2.7	4.9	8.7	16.2	31.5	55.8	91.0
-12.5°	2.3	2.3	2.3	2.3	2.8	5.1	9.5	17.8	34.8	61.7	100.1
-15°	2.3	2.3	2.3	2.3	2.8	5.3	10.2	19.1	37.4	66.3	107.5
-17.5°	2.3	2.3	2.3	2.3	2.9	5.5	10.7	20.3	39.5	69.7	113.0
-20°	2.3	2.3	2.3	2.3	2.9	5.6	11.1	21.4	40.7	71.8	116.4



REPORT NUMBER: P1306073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.3	2.3	2.3	2.3	2.9	5.6	11.5	22.1	41.2	72.6	117.4
-25°	2.3	2.3	2.3	2.3	2.9	5.6	11.7	22.5	40.7	71.9	116.0
-27.5°	2.3	2.3	2.3	2.3	2.9	5.6	11.6	22.3	39.4	70.4	114.9
-30°	2.3	2.3	2.3	2.3	2.9	5.5	11.3	21.8	38.5	68.7	112.0
-32.5°	2.3	2.3	2.3	2.3	2.9	5.3	10.8	21.3	37.7	65.7	106.9
-35°	2.3	2.3	2.3	2.3	2.9	5.0	10.3	20.5	36.3	61.4	99.8
-37.5°	2.3	2.3	2.3	2.3	2.9	4.7	9.9	19.4	34.3	55.8	90.9
-40°	2.3	2.3	2.3	2.3	2.9	4.7	9.3	17.9	31.6	51.8	82.0
-42.5°	2.3	2.3	2.3	2.3	2.9	4.6	8.6	16.0	29.0	47.2	71.8
-45°	2.3	2.3	2.3	2.3	3.0	4.5	7.7	14.2	26.4	42.0	61.1
-47.5°	2.3	2.3	2.3	2.4	3.0	4.4	6.6	12.9	23.2	36.3	54.6
-50°	2.3	2.3	2.3	2.4	3.0	4.3	6.3	11.4	19.1	31.6	47.5
-52.5°	2.3	2.3	2.3	2.4	2.9	4.1	6.0	9.7	16.2	26.4	40.0
-55°	2.3	2.3	2.3	2.4	2.9	4.0	5.7	7.9	13.7	20.7	33.3
-57.5°	2.3	2.3	2.3	2.4	2.8	3.8	5.4	7.5	11.2	17.0	26.0
-60°	2.3	2.3	2.3	2.4	2.7	3.7	5.1	7.0	8.9	13.9	19.6
-62.5°	2.3	2.3	2.3	2.4	2.7	3.4	4.7	6.4	8.2	10.7	15.9
-65°	2.3	2.3	2.3	2.4	2.6	3.2	4.4	5.8	7.5	9.3	12.2
-67.5°	2.3	2.3	2.3	2.3	2.6	3.0	3.9	5.3	6.7	8.4	10.2
-70°	2.3	2.3	2.3	2.3	2.5	2.9	3.5	4.7	6.0	7.3	9.0
-72.5°	2.3	2.3	2.3	2.3	2.4	2.7	3.2	4.1	5.3	6.5	7.8
-75°	2.3	2.3	2.3	2.3	2.3	2.5	2.9	3.6	4.6	5.7	6.9
-77.5°	2.3	2.3	2.3	2.3	2.3	2.4	2.6	3.3	4.0	4.9	5.9
-80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.9	3.5	4.2	5.0
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.5	4.1
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.7	3.0	3.3
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.6	2.8
-90°	2.3	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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 CATALOG NUMBER: EPH-08-320N-50-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.5	1.6
80°	1.2	1.2	1.2	1.2	1.3	1.5	1.7	2.1	2.2	2.3	2.3
77.5°	1.5	1.5	1.4	1.3	1.4	1.7	1.9	2.2	2.3	2.3	2.3
75°	1.9	1.8	1.6	1.3	1.4	1.6	1.9	2.2	2.3	2.3	2.3
72.5°	2.1	1.9	1.6	1.3	1.5	1.9	2.2	2.3	2.8	3.6	4.0
70°	2.2	1.9	1.8	1.9	2.1	2.6	3.6	4.9	6.1	6.6	7.1
67.5°	2.2	2.1	2.1	2.4	3.3	4.4	5.9	7.7	9.6	10.2	10.9
65°	2.3	2.3	2.6	3.4	4.6	6.4	8.4	10.5	13.7	15.3	16.0
62.5°	2.3	2.5	3.1	4.4	6.3	8.4	11.1	14.6	18.8	21.5	21.4
60°	2.3	2.6	3.9	5.9	8.0	10.5	14.0	18.8	24.8	29.1	26.2
57.5°	2.3	3.1	5.0	7.2	9.5	12.3	17.1	23.1	28.6	34.3	29.4
55°	2.6	4.0	6.1	8.4	11.1	14.5	19.2	23.9	29.8	32.0	26.8
52.5°	3.6	4.9	6.9	9.6	13.0	15.7	18.2	22.4	24.6	25.7	22.1
50°	4.5	5.9	7.8	11.0	13.9	15.5	15.8	18.4	19.4	18.6	16.8
47.5°	5.5	7.0	8.9	12.1	14.1	14.8	14.2	14.7	14.6	14.4	12.2
45°	6.5	8.2	10.3	12.5	14.0	13.8	13.5	11.9	13.5	13.0	12.0
42.5°	7.6	9.4	11.5	13.0	13.4	14.1	14.0	14.4	14.5	15.2	16.4
40°	8.6	10.5	12.9	14.0	13.6	15.7	18.9	20.5	18.4	22.2	25.5
37.5°	9.4	12.0	15.1	17.4	16.1	20.8	26.0	34.2	35.4	32.9	42.0
35°	10.2	13.7	20.0	25.5	26.9	29.1	43.5	56.7	64.8	60.0	66.9
32.5°	11.5	15.5	26.7	38.8	48.4	51.1	66.3	93.8	109.8	112.5	107.9
30°	13.5	21.8	36.7	55.5	77.0	96.3	109.6	141.0	167.2	195.8	212.8
27.5°	16.5	29.9	52.8	82.0	114.3	150.3	180.2	204.5	252.5	301.1	343.0
25°	20.0	46.4	71.2	115.0	166.4	216.1	257.7	294.9	358.1	434.1	561.2
22.5°	28.7	67.6	102.0	152.2	224.4	287.3	343.4	401.2	478.4	580.8	846.7
20°	44.1	94.1	137.0	190.5	284.2	361.4	432.7	505.4	602.1	816.5	1399.9
17.5°	62.0	121.8	170.7	232.7	328.8	427.0	524.7	604.8	721.9	1038.4	2009.0
15°	81.6	150.3	201.1	271.3	371.0	477.9	587.1	701.7	880.3	1334.1	2587.2
12.5°	102.3	179.1	228.6	306.3	410.7	526.3	637.1	761.2	1023.3	1782.7	3322.8
10°	123.4	207.7	253.3	337.8	447.5	571.7	681.8	811.4	1135.2	2069.9	3836.5
7.5°	136.9	228.0	273.6	365.9	481.2	613.7	721.3	852.7	1230.1	2252.2	4195.6
5°	147.2	238.4	280.2	378.5	503.3	644.2	751.9	885.8	1306.6	2341.3	4443.7
2.5°	154.9	246.6	285.6	386.1	516.7	658.5	761.0	898.3	1338.3	2395.2	4615.7
0°	160.2	252.5	289.9	390.5	526.1	667.5	765.7	904.8	1343.2	2410.5	4699.5
-2.5°	169.0	257.1	298.6	398.4	531.1	670.4	769.6	909.9	1362.8	2482.6	4827.6
-5°	175.4	259.9	306.1	403.2	531.8	668.3	769.6	908.7	1351.5	2457.6	4665.9
-7.5°	179.7	261.0	311.9	404.8	524.7	653.7	754.0	882.8	1280.6	2299.5	4227.1
-10°	182.9	264.8	319.3	402.3	509.2	629.9	731.9	851.4	1189.2	2077.4	3718.7
-12.5°	187.8	271.0	326.5	398.7	492.9	602.6	706.2	814.8	1078.5	1791.4	3143.9
-15°	190.3	276.2	333.2	394.5	476.9	572.3	677.1	773.7	954.4	1446.3	2505.8
-17.5°	190.3	280.4	339.6	390.3	462.2	539.4	648.0	743.8	866.9	1234.1	2061.0
-20°	187.9	284.0	345.7	386.4	450.0	519.0	624.2	722.7	831.1	1075.3	1619.7



REPORT NUMBER: P1306073 (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°	183.1	287.1	349.7	389.5	445.5	510.5	597.1	697.5	793.9	905.6	1282.8
-25°	179.9	279.4	350.2	392.6	440.8	501.4	567.8	667.9	759.2	866.7	1105.3
-27.5°	177.8	268.8	343.8	393.4	434.9	492.6	550.9	633.1	732.7	832.5	941.6
-30°	172.3	249.6	334.9	389.8	432.6	484.4	539.4	601.3	702.1	798.9	899.4
-32.5°	161.3	229.5	315.2	378.1	428.7	475.5	527.7	583.5	663.3	763.1	855.4
-35°	148.6	213.8	290.8	363.3	421.2	466.6	514.4	567.0	625.8	716.5	819.1
-37.5°	136.8	195.6	265.9	341.6	402.3	457.3	499.0	548.9	603.5	666.1	768.6
-40°	122.8	174.9	242.4	313.7	381.7	442.2	489.1	529.1	579.5	643.1	706.7
-42.5°	107.3	157.1	217.1	285.1	352.4	416.8	477.5	516.6	561.2	620.5	681.3
-45°	94.4	136.8	190.0	252.9	317.8	384.9	446.6	507.6	550.3	597.9	655.7
-47.5°	80.0	115.9	164.6	218.2	280.1	343.9	410.0	473.3	538.5	584.1	629.4
-50°	66.3	98.1	136.4	185.7	239.6	299.8	362.0	431.5	497.1	560.6	613.2
-52.5°	57.6	78.7	113.0	152.8	200.8	253.1	312.5	376.7	444.4	511.8	569.6
-55°	48.2	66.0	89.6	123.6	162.8	208.8	259.7	318.6	380.0	444.5	505.7
-57.5°	39.1	54.5	72.0	95.8	129.0	165.2	209.5	258.0	313.0	370.2	421.3
-60°	30.0	43.1	58.2	75.4	96.4	127.5	159.2	199.3	245.2	291.3	335.9
-62.5°	21.3	32.0	44.6	58.8	75.4	92.2	117.5	146.8	177.2	214.7	251.7
-65°	17.1	22.1	31.4	43.3	56.0	70.5	85.6	101.0	125.8	150.6	174.3
-67.5°	12.6	17.0	21.8	28.0	38.8	49.6	61.4	74.8	88.3	100.9	116.1
-70°	10.7	12.3	15.9	20.2	24.4	29.5	39.0	49.1	59.6	69.5	80.0
-72.5°	9.2	10.7	12.2	13.6	16.9	20.1	23.1	25.8	31.8	40.1	48.1
-75°	7.9	9.1	10.4	11.7	12.8	13.8	15.1	17.7	20.2	22.6	24.8
-77.5°	6.6	7.5	8.5	9.7	10.6	11.3	12.1	12.9	14.0	15.2	16.5
-80°	5.4	5.8	6.4	7.1	8.0	8.7	9.3	9.9	10.5	11.3	12.3
-82.5°	4.4	4.6	4.9	5.2	5.6	6.2	6.8	7.4	7.8	8.2	8.7
-85°	3.4	3.5	3.7	3.8	4.1	4.3	4.6	4.9	5.3	5.6	5.9
-87.5°	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.4	3.7	4.0
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306073 (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°
90°	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.7	4.7
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.7	1.6	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.3	2.2	2.0	1.9	1.9	1.8	1.6	1.4	1.2	1.2	1.2
77.5°	2.3	2.3	2.3	2.3	2.3	2.1	1.8	1.5	1.2	1.2	1.2
75°	2.3	2.4	2.6	2.5	2.4	2.2	2.1	2.1	2.1	1.9	1.7
72.5°	4.2	4.1	3.9	3.9	3.7	3.7	3.7	3.6	3.3	3.3	3.3
70°	7.5	7.7	7.7	7.4	6.7	6.0	5.5	5.1	4.6	4.3	4.1
67.5°	11.6	11.6	11.0	9.9	8.3	6.8	6.2	5.6	5.0	4.8	5.0
65°	16.0	14.5	12.8	10.9	8.8	6.9	6.4	6.0	5.6	5.7	6.1
62.5°	19.7	16.0	12.8	10.6	8.7	6.9	6.3	5.8	5.4	5.0	5.0
60°	21.8	16.0	11.5	9.5	7.7	6.1	5.4	5.0	4.8	4.7	4.7
57.5°	21.8	15.1	10.0	8.2	6.6	5.2	4.7	4.7	4.7	4.7	4.7
55°	19.4	13.2	8.6	7.1	6.0	5.2	4.7	4.9	4.9	4.7	4.9
52.5°	15.2	10.9	8.0	6.6	6.1	5.9	5.7	5.7	5.6	5.4	5.6
50°	12.1	9.1	7.7	6.9	6.9	6.9	6.9	7.0	7.2	7.3	7.3
47.5°	10.1	8.5	8.7	8.0	8.3	9.0	9.2	9.3	9.6	9.7	9.5
45°	10.4	12.1	12.4	12.3	12.1	13.8	13.7	12.5	14.0	14.4	14.1
42.5°	17.2	18.6	19.6	20.5	21.5	22.8	23.5	23.0	24.4	24.4	22.9
40°	29.1	27.7	29.9	32.5	34.9	35.8	38.0	40.3	41.2	40.7	39.2
37.5°	47.6	45.6	45.8	51.7	57.2	50.7	60.3	64.0	61.6	70.1	71.9
35°	79.1	87.5	75.4	96.7	107.3	102.1	113.5	136.0	118.6	150.5	158.3
32.5°	140.7	160.8	173.4	191.4	217.9	252.7	261.5	317.0	334.8	360.5	388.2
30°	229.9	286.7	391.3	410.8	436.0	556.0	589.0	619.2	682.3	731.0	813.8
27.5°	417.8	570.9	789.6	982.1	968.0	1171.0	1396.9	1143.9	1519.3	1368.7	1728.8
25°	782.3	1119.9	1647.1	2157.3	2400.8	2814.6	3331.9	3233.9	3916.6	3964.0	4970.9
22.5°	1487.9	2221.3	3027.6	3894.9	4736.2	5667.3	6562.0	7500.0	8910.2	10858.6	12752.3
20°	2434.5	3512.8	4815.0	6157.8	7581.9	9029.9	10712.3	13561.3	16482.4	20537.2	23401.8
17.5°	3460.1	5176.4	6774.9	8438.7	10429.5	12836.5	16316.5	21184.5	27089.2	33150.5	37839.5
15°	4356.0	6297.6	8601.7	10819.8	13295.4	16908.4	22374.1	29584.7	38365.7	47580.1	58722.5
12.5°	5222.9	7250.9	9754.8	12560.5	15924.5	21095.7	28180.6	37925.0	49557.7	63404.2	77715.3
10°	5895.6	8120.8	10907.7	14067.3	18173.3	24524.6	32757.7	44262.2	61500.1	77845.8	94188.1
7.5°	6421.3	8924.5	11876.5	15192.6	19973.5	27125.1	36975.4	51457.5	69670.8	87356.2	102408.7
5°	6888.6	9585.4	12533.0	15826.9	21269.5	29017.3	39624.6	56163.8	75599.7	92981.2	107304.9
2.5°	7256.6	10017.5	12893.5	16144.6	22103.7	30061.8	41021.7	58689.4	79421.5	96581.5	110258.7
0°	7479.4	10094.6	12954.0	16212.1	22167.1	30535.0	42111.9	59794.7	80784.6	98343.4	111795.4
-2.5°	7399.5	9922.0	12758.0	16013.8	21958.1	30091.5	41235.1	59234.7	79629.5	96057.4	109586.6
-5°	7001.8	9357.3	11990.8	15054.1	20571.1	28406.6	38749.2	55162.9	74333.2	90733.2	103464.2
-7.5°	6374.7	8568.1	10985.9	13821.8	18592.7	25673.1	35097.9	49065.9	66468.7	81600.9	93090.0
-10°	5673.1	7653.2	9748.0	12259.8	15989.1	21999.1	29869.5	40535.1	55460.5	69066.2	79929.2
-12.5°	4829.8	6477.2	8238.1	10404.3	13230.8	18130.5	24747.6	33399.5	43777.1	55884.3	65774.0
-15°	3953.4	5338.4	6795.9	8827.7	11238.4	14359.5	19115.9	25994.1	33697.2	41966.6	50939.7
-17.5°	3174.7	4347.3	5892.6	7604.0	9441.4	11613.2	15546.0	20233.5	25808.2	31706.6	37122.1
-20°	2550.2	3793.9	5182.2	6670.4	8358.7	10447.2	12863.0	16424.3	20558.5	25086.3	29424.5



REPORT NUMBER: P1306073 (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°	2097.9	3213.2	4502.4	5898.3	7606.3	9486.4	11443.0	13678.0	16644.8	20125.9	23458.6
-25°	1597.8	2529.9	3780.5	5188.4	6761.7	8419.7	10007.9	11829.8	13998.7	16263.7	18597.4
-27.5°	1266.5	1924.4	2951.3	4273.4	5729.3	7027.4	8388.1	9905.2	11801.8	13772.5	15070.9
-30°	1033.7	1418.9	2189.7	3222.7	4439.4	5585.0	6702.3	8065.7	9554.6	10968.9	12116.8
-32.5°	965.6	1138.0	1536.8	2273.0	3186.9	4209.4	5212.3	6429.4	7585.0	8704.3	9691.2
-35°	917.6	1027.8	1178.3	1562.3	2112.7	2943.7	3860.1	4890.0	5933.1	6837.2	7674.2
-37.5°	872.9	968.5	1068.1	1167.2	1477.0	1857.3	2502.7	3317.3	4108.5	4840.2	5560.7
-40°	809.0	913.8	994.2	1079.0	1171.1	1275.8	1613.6	1946.4	2333.7	2894.8	3386.3
-42.5°	741.2	828.6	920.2	999.5	1076.6	1157.1	1242.2	1326.8	1503.8	1724.0	1904.3
-45°	712.9	765.5	828.5	911.3	988.7	1061.0	1130.3	1197.2	1268.0	1332.6	1385.3
-47.5°	679.1	726.8	777.8	831.8	888.7	958.4	1026.9	1095.1	1157.0	1214.5	1260.4
-50°	647.8	685.3	730.9	776.8	822.2	869.0	916.3	968.9	1028.1	1086.3	1134.2
-52.5°	622.2	656.6	689.1	721.7	761.2	800.9	840.7	882.6	922.9	961.1	990.9
-55°	560.0	608.4	656.1	686.9	713.5	740.5	770.6	808.2	844.0	877.9	897.8
-57.5°	475.4	531.5	583.0	619.3	656.5	694.1	725.1	752.0	779.1	804.9	819.0
-60°	381.3	427.4	474.1	517.3	558.6	597.6	633.8	669.1	701.7	729.2	745.8
-62.5°	288.2	326.5	364.3	400.5	435.3	469.2	507.8	544.9	580.3	609.2	627.0
-65°	200.6	232.0	261.4	289.5	316.5	345.4	375.4	404.5	432.5	454.7	469.3
-67.5°	136.5	155.8	173.3	190.0	210.6	232.8	254.8	275.2	294.0	308.4	318.7
-70°	90.7	101.0	110.2	121.1	134.5	148.0	161.6	174.2	185.7	194.4	200.9
-72.5°	55.8	62.9	69.6	76.9	83.7	90.8	98.2	105.5	112.5	117.5	121.4
-75°	26.9	30.2	36.1	41.4	46.2	50.8	54.9	58.5	61.6	63.5	64.8
-77.5°	18.3	19.8	21.2	22.7	24.2	26.0	27.9	29.7	31.4	32.7	33.8
-80°	13.2	14.0	14.7	15.2	15.7	16.5	17.4	18.2	19.0	19.4	19.6
-82.5°	9.1	9.8	10.4	11.0	11.5	12.1	12.6	13.1	13.5	13.9	14.4
-85°	6.2	6.5	6.8	7.2	7.5	8.0	8.4	8.8	9.1	9.2	9.3
-87.5°	4.3	4.4	4.5	4.5	4.6	4.9	5.2	5.5	5.8	5.8	5.8
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6



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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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
75°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	1.9	2.1	2.1
72.5°	3.4	3.4	2.9	2.3	2.9	3.4	3.4	3.3	3.3	3.3	3.6
70°	3.8	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.3	4.6	5.1
67.5°	5.3	5.7	5.8	5.8	5.8	5.7	5.3	5.0	4.8	5.0	5.6
65°	6.5	6.9	6.5	5.8	6.5	6.9	6.5	6.1	5.7	5.6	6.0
62.5°	4.9	4.8	4.7	4.7	4.7	4.8	4.9	5.0	5.0	5.4	5.8
60°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8	5.0
57.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
55°	5.3	5.6	5.8	5.8	5.8	5.6	5.3	4.9	4.7	4.9	4.9
52.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.6	5.7
50°	7.3	7.1	7.0	7.0	7.0	7.1	7.3	7.3	7.3	7.2	7.0
47.5°	9.1	8.5	8.2	8.2	8.2	8.5	9.1	9.5	9.7	9.6	9.3
45°	14.2	14.0	13.9	14.0	13.9	14.0	14.2	14.1	14.4	14.0	12.5
42.5°	23.7	24.1	23.7	22.2	23.7	24.1	23.7	22.9	24.4	24.4	23.0
40°	39.2	37.7	35.6	35.1	35.6	37.7	39.2	39.2	40.7	41.2	40.3
37.5°	72.8	72.7	71.0	70.1	71.0	72.7	72.8	71.9	70.1	61.6	64.0
35°	153.0	151.8	143.5	135.6	143.5	151.8	153.0	158.3	150.5	118.6	136.0
32.5°	397.5	418.6	416.7	404.5	416.7	418.6	397.5	388.2	360.5	334.8	317.0
30°	845.7	883.4	875.4	825.3	875.4	883.4	845.7	813.8	731.0	682.3	619.2
27.5°	1747.9	1836.3	1914.1	1812.0	1914.1	1836.3	1747.9	1728.8	1368.7	1519.3	1143.9
25°	5978.9	6553.9	6894.0	6365.4	6894.0	6553.9	5978.9	4970.9	3964.0	3916.6	3233.9
22.5°	14269.2	14985.8	15368.2	15586.7	15368.2	14985.8	14269.2	12752.3	10858.6	8910.2	7500.0
20°	26174.6	27706.8	28688.3	26711.1	28688.3	27706.8	26174.6	23401.8	20537.2	16482.4	13561.3
17.5°	44344.3	49995.1	52970.3	54586.6	52970.3	49995.1	44344.3	37839.5	33150.5	27089.2	21184.5
15°	67321.7	74551.8	79434.2	81345.7	79434.2	74551.8	67321.7	58722.5	47580.1	38365.7	29584.7
12.5°	89047.0	96507.4	101012.2	102144.5	101012.2	96507.4	89047.0	77715.3	63404.2	49557.7	37925.0
10°	104499.6	111529.0	116711.0	118530.2	116711.0	111529.0	104499.6	94188.1	77845.8	61500.1	44262.2
7.5°	113102.1	121319.0	125886.2	127023.2	125886.2	121319.0	113102.1	102408.7	87356.2	69670.8	51457.5
5°	118053.0	125477.1	130469.7	131075.1	130469.7	125477.1	118053.0	107304.9	92981.2	75599.7	56163.8
2.5°	121245.3	128505.8	132706.4	133940.9	132706.4	128505.8	121245.3	110258.7	96581.5	79421.5	58689.4
0°	122028.6	128704.3	133779.0	135358.4	133779.0	128704.3	122028.6	111795.4	98343.4	80784.6	59794.7
-2.5°	119656.8	126096.8	129477.1	130025.3	129477.1	126096.8	119656.8	109586.6	96057.4	79629.5	59234.7
-5°	113599.9	118362.8	122265.2	122764.4	122265.2	118362.8	113599.9	103464.2	90733.2	74333.2	55162.9
-7.5°	100734.3	106077.2	108235.6	108819.7	108235.6	106077.2	100734.3	93090.0	81600.9	66468.7	49065.9
-10°	87045.5	91622.6	93151.7	93977.1	93151.7	91622.6	87045.5	79929.2	69066.2	55460.5	40535.1
-12.5°	73644.0	78119.8	79623.7	80818.5	79623.7	78119.8	73644.0	65774.0	55884.3	43777.1	33399.5
-15°	58628.8	63036.2	65466.0	66811.2	65466.0	63036.2	58628.8	50939.7	41966.6	33697.2	25994.1
-17.5°	43994.9	48180.6	51008.7	52654.2	51008.7	48180.6	43994.9	37122.1	31706.6	25808.2	20233.5
-20°	33358.6	36191.5	38367.8	39659.3	38367.8	36191.5	33358.6	29424.5	25086.3	20558.5	16424.3



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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°	26058.0	28020.1	29280.9	30106.0	29280.9	28020.1	26058.0	23458.6	20125.9	16644.8	13678.0
-25°	20365.9	21653.6	22468.9	23136.3	22468.9	21653.6	20365.9	18597.4	16263.7	13998.7	11829.8
-27.5°	16125.5	16815.9	17176.3	17666.4	17176.3	16815.9	16125.5	15070.9	13772.5	11801.8	9905.2
-30°	12963.2	13493.0	13779.4	13885.7	13779.4	13493.0	12963.2	12116.8	10968.9	9554.6	8065.7
-32.5°	10433.3	10933.7	11295.2	11464.7	11295.2	10933.7	10433.3	9691.2	8704.3	7585.0	6429.4
-35°	8323.8	8741.2	9026.2	9182.7	9026.2	8741.2	8323.8	7674.2	6837.2	5933.1	4890.0
-37.5°	6157.4	6615.5	6929.2	7036.4	6929.2	6615.5	6157.4	5560.7	4840.2	4108.5	3317.3
-40°	3777.8	4069.6	4258.0	4337.1	4258.0	4069.6	3777.8	3386.3	2894.8	2333.7	1946.4
-42.5°	2044.9	2152.0	2226.4	2269.1	2226.4	2152.0	2044.9	1904.3	1724.0	1503.8	1326.8
-45°	1419.5	1446.6	1463.8	1470.6	1463.8	1446.6	1419.5	1385.3	1332.6	1268.0	1197.2
-47.5°	1294.0	1323.3	1338.9	1339.7	1338.9	1323.3	1294.0	1260.4	1214.5	1157.0	1095.1
-50°	1172.1	1204.0	1220.1	1221.6	1220.1	1204.0	1172.1	1134.2	1086.3	1028.1	968.9
-52.5°	1018.0	1043.3	1054.3	1053.3	1054.3	1043.3	1018.0	990.9	961.1	922.9	882.6
-55°	915.1	930.2	936.9	937.6	936.9	930.2	915.1	897.8	877.9	844.0	808.2
-57.5°	831.7	842.8	846.8	846.4	846.8	842.8	831.7	819.0	804.9	779.1	752.0
-60°	760.3	772.4	775.8	773.9	775.8	772.4	760.3	745.8	729.2	701.7	669.1
-62.5°	641.5	652.6	658.1	659.3	658.1	652.6	641.5	627.0	609.2	580.3	544.9
-65°	480.8	489.2	493.5	494.5	493.5	489.2	480.8	469.3	454.7	432.5	404.5
-67.5°	326.6	332.2	334.0	333.2	334.0	332.2	326.6	318.7	308.4	294.0	275.2
-70°	206.1	210.1	211.0	210.4	211.0	210.1	206.1	200.9	194.4	185.7	174.2
-72.5°	124.5	126.9	127.1	126.3	127.1	126.9	124.5	121.4	117.5	112.5	105.5
-75°	65.6	65.9	65.9	65.5	65.9	65.9	65.6	64.8	63.5	61.6	58.5
-77.5°	34.9	35.9	35.6	35.1	35.6	35.9	34.9	33.8	32.7	31.4	29.7
-80°	19.7	19.8	19.9	19.9	19.9	19.8	19.7	19.6	19.4	19.0	18.2
-82.5°	14.8	15.1	14.6	14.0	14.6	15.1	14.8	14.4	13.9	13.5	13.1
-85°	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.2	9.1	8.8
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.5
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.1	3.8	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.4	1.5	1.6	1.7	1.6	1.5	1.4	1.3
80°	1.6	1.8	1.9	1.9	2.0	2.2	2.3	2.3	2.3	2.2	2.1
77.5°	1.8	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
75°	2.1	2.2	2.4	2.5	2.6	2.4	2.3	2.3	2.3	2.3	2.2
72.5°	3.7	3.7	3.7	3.9	3.9	4.1	4.2	4.0	3.6	2.8	2.3
70°	5.5	6.0	6.7	7.4	7.7	7.7	7.5	7.1	6.6	6.1	4.9
67.5°	6.2	6.8	8.3	9.9	11.0	11.6	11.6	10.9	10.2	9.6	7.7
65°	6.4	6.9	8.8	10.9	12.8	14.5	16.0	16.0	15.3	13.7	10.5
62.5°	6.3	6.9	8.7	10.6	12.8	16.0	19.7	21.4	21.5	18.8	14.6
60°	5.4	6.1	7.7	9.5	11.5	16.0	21.8	26.2	29.1	24.8	18.8
57.5°	4.7	5.2	6.6	8.2	10.0	15.1	21.8	29.4	34.3	28.6	23.1
55°	4.7	5.2	6.0	7.1	8.6	13.2	19.4	26.8	32.0	29.8	23.9
52.5°	5.7	5.9	6.1	6.6	8.0	10.9	15.2	22.1	25.7	24.6	22.4
50°	6.9	6.9	6.9	6.9	7.7	9.1	12.1	16.8	18.6	19.4	18.4
47.5°	9.2	9.0	8.3	8.0	8.7	8.5	10.1	12.2	14.4	14.6	14.7
45°	13.7	13.8	12.1	12.3	12.4	12.1	10.4	12.0	13.0	13.5	11.9
42.5°	23.5	22.8	21.5	20.5	19.6	18.6	17.2	16.4	15.2	14.5	14.4
40°	38.0	35.8	34.9	32.5	29.9	27.7	29.1	25.5	22.2	18.4	20.5
37.5°	60.3	50.7	57.2	51.7	45.8	45.6	47.6	42.0	32.9	35.4	34.2
35°	113.5	102.1	107.3	96.7	75.4	87.5	79.1	66.9	60.0	64.8	56.7
32.5°	261.5	252.7	217.9	191.4	173.4	160.8	140.7	107.9	112.5	109.8	93.8
30°	589.0	556.0	436.0	410.8	391.3	286.7	229.9	212.8	195.8	167.2	141.0
27.5°	1396.9	1171.0	968.0	982.1	789.6	570.9	417.8	343.0	301.1	252.5	204.5
25°	3331.9	2814.6	2400.8	2157.3	1647.1	1119.9	782.3	561.2	434.1	358.1	294.9
22.5°	6562.0	5667.3	4736.2	3894.9	3027.6	2221.3	1487.9	846.7	580.8	478.4	401.2
20°	10712.3	9029.9	7581.9	6157.8	4815.0	3512.8	2434.5	1399.9	816.5	602.1	505.4
17.5°	16316.5	12836.5	10429.5	8438.7	6774.9	5176.4	3460.1	2009.0	1038.4	721.9	604.8
15°	22374.1	16908.4	13295.4	10819.8	8601.7	6297.6	4356.0	2587.2	1334.1	880.3	701.7
12.5°	28180.6	21095.7	15924.5	12560.5	9754.8	7250.9	5222.9	3322.8	1782.7	1023.3	761.2
10°	32757.7	24524.6	18173.3	14067.3	10907.7	8120.8	5895.6	3836.5	2069.9	1135.2	811.4
7.5°	36975.4	27125.1	19973.5	15192.6	11876.5	8924.5	6421.3	4195.6	2252.2	1230.1	852.7
5°	39624.6	29017.3	21269.5	15826.9	12533.0	9585.4	6888.6	4443.7	2341.3	1306.6	885.8
2.5°	41021.7	30061.8	22103.7	16144.6	12893.5	10017.5	7256.6	4615.7	2395.2	1338.3	898.3
0°	42111.9	30535.0	22167.1	16212.1	12954.0	10094.6	7479.4	4699.5	2410.5	1343.2	904.8
-2.5°	41235.1	30091.5	21958.1	16013.8	12758.0	9922.0	7399.5	4827.6	2482.6	1362.8	909.9
-5°	38749.2	28406.6	20571.1	15054.1	11990.8	9357.3	7001.8	4665.9	2457.6	1351.5	908.7
-7.5°	35097.9	25673.1	18592.7	13821.8	10985.9	8568.1	6374.7	4227.1	2299.5	1280.6	882.8
-10°	29869.5	21999.1	15989.1	12259.8	9748.0	7653.2	5673.1	3718.7	2077.4	1189.2	851.4
-12.5°	24747.6	18130.5	13230.8	10404.3	8238.1	6477.2	4829.8	3143.9	1791.4	1078.5	814.8
-15°	19115.9	14359.5	11238.4	8827.7	6795.9	5338.4	3953.4	2505.8	1446.3	954.4	773.7
-17.5°	15546.0	11613.2	9441.4	7604.0	5892.6	4347.3	3174.7	2061.0	1234.1	866.9	743.8
-20°	12863.0	10447.2	8358.7	6670.4	5182.2	3793.9	2550.2	1619.7	1075.3	831.1	722.7



REPORT NUMBER: P1306073 (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°	11443.0	9486.4	7606.3	5898.3	4502.4	3213.2	2097.9	1282.8	905.6	793.9	697.5
-25°	10007.9	8419.7	6761.7	5188.4	3780.5	2529.9	1597.8	1105.3	866.7	759.2	667.9
-27.5°	8388.1	7027.4	5729.3	4273.4	2951.3	1924.4	1266.5	941.6	832.5	732.7	633.1
-30°	6702.3	5585.0	4439.4	3222.7	2189.7	1418.9	1033.7	899.4	798.9	702.1	601.3
-32.5°	5212.3	4209.4	3186.9	2273.0	1536.8	1138.0	965.6	855.4	763.1	663.3	583.5
-35°	3860.1	2943.7	2112.7	1562.3	1178.3	1027.8	917.6	819.1	716.5	625.8	567.0
-37.5°	2502.7	1857.3	1477.0	1167.2	1068.1	968.5	872.9	768.6	666.1	603.5	548.9
-40°	1613.6	1275.8	1171.1	1079.0	994.2	913.8	809.0	706.7	643.1	579.5	529.1
-42.5°	1242.2	1157.1	1076.6	999.5	920.2	828.6	741.2	681.3	620.5	561.2	516.6
-45°	1130.3	1061.0	988.7	911.3	828.5	765.5	712.9	655.7	597.9	550.3	507.6
-47.5°	1026.9	958.4	888.7	831.8	777.8	726.8	679.1	629.4	584.1	538.5	473.3
-50°	916.3	869.0	822.2	776.8	730.9	685.3	647.8	613.2	560.6	497.1	431.5
-52.5°	840.7	800.9	761.2	721.7	689.1	656.6	622.2	569.6	511.8	444.4	376.7
-55°	770.6	740.5	713.5	686.9	656.1	608.4	560.0	505.7	444.5	380.0	318.6
-57.5°	725.1	694.1	656.5	619.3	583.0	531.5	475.4	421.3	370.2	313.0	258.0
-60°	633.8	597.6	558.6	517.3	474.1	427.4	381.3	335.9	291.3	245.2	199.3
-62.5°	507.8	469.2	435.3	400.5	364.3	326.5	288.2	251.7	214.7	177.2	146.8
-65°	375.4	345.4	316.5	289.5	261.4	232.0	200.6	174.3	150.6	125.8	101.0
-67.5°	254.8	232.8	210.6	190.0	173.3	155.8	136.5	116.1	100.9	88.3	74.8
-70°	161.6	148.0	134.5	121.1	110.2	101.0	90.7	80.0	69.5	59.6	49.1
-72.5°	98.2	90.8	83.7	76.9	69.6	62.9	55.8	48.1	40.1	31.8	25.8
-75°	54.9	50.8	46.2	41.4	36.1	30.2	26.9	24.8	22.6	20.2	17.7
-77.5°	27.9	26.0	24.2	22.7	21.2	19.8	18.3	16.5	15.2	14.0	12.9
-80°	17.4	16.5	15.7	15.2	14.7	14.0	13.2	12.3	11.3	10.5	9.9
-82.5°	12.6	12.1	11.5	11.0	10.4	9.8	9.1	8.7	8.2	7.8	7.4
-85°	8.4	8.0	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.3	4.9
-87.5°	5.2	4.9	4.6	4.5	4.5	4.4	4.3	4.0	3.7	3.4	3.1
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.7	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.4	1.4	1.4
77.5°	1.9	1.7	1.4	1.3	1.4	1.5	1.5	1.4	1.5	1.6	1.6
75°	1.9	1.6	1.4	1.3	1.6	1.8	1.9	1.8	1.8	1.8	1.9
72.5°	2.2	1.9	1.5	1.3	1.6	1.9	2.1	2.2	2.0	2.0	2.1
70°	3.6	2.6	2.1	1.9	1.8	1.9	2.2	2.3	2.3	2.2	2.2
67.5°	5.9	4.4	3.3	2.4	2.1	2.1	2.2	2.3	2.3	2.3	2.3
65°	8.4	6.4	4.6	3.4	2.6	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	11.1	8.4	6.3	4.4	3.1	2.5	2.3	2.3	2.3	2.3	2.3
60°	14.0	10.5	8.0	5.9	3.9	2.6	2.3	2.3	2.3	2.3	2.3
57.5°	17.1	12.3	9.5	7.2	5.0	3.1	2.3	2.3	2.3	2.3	2.3
55°	19.2	14.5	11.1	8.4	6.1	4.0	2.6	2.3	2.3	2.3	2.3
52.5°	18.2	15.7	13.0	9.6	6.9	4.9	3.6	2.3	2.3	2.3	2.3
50°	15.8	15.5	13.9	11.0	7.8	5.9	4.5	3.0	2.3	2.3	2.3
47.5°	14.2	14.8	14.1	12.1	8.9	7.0	5.5	3.8	2.3	2.3	2.3
45°	13.5	13.8	14.0	12.5	10.3	8.2	6.5	4.6	3.0	2.3	2.3
42.5°	14.0	14.1	13.4	13.0	11.5	9.4	7.6	5.5	3.6	2.4	2.3
40°	18.9	15.7	13.6	14.0	12.9	10.5	8.6	6.5	4.3	2.7	2.4
37.5°	26.0	20.8	16.1	17.4	15.1	12.0	9.4	7.5	5.0	3.3	2.6
35°	43.5	29.1	26.9	25.5	20.0	13.7	10.2	8.4	6.0	3.9	2.7
32.5°	66.3	51.1	48.4	38.8	26.7	15.5	11.5	9.3	6.8	4.4	2.9
30°	109.6	96.3	77.0	55.5	36.7	21.8	13.5	10.3	7.7	5.0	3.1
27.5°	180.2	150.3	114.3	82.0	52.8	29.9	16.5	11.5	8.5	5.5	3.5
25°	257.7	216.1	166.4	115.0	71.2	46.4	20.0	12.9	9.4	6.2	3.9
22.5°	343.4	287.3	224.4	152.2	102.0	67.6	28.7	15.6	10.4	6.8	4.3
20°	432.7	361.4	284.2	190.5	137.0	94.1	44.1	18.6	11.4	7.4	4.7
17.5°	524.7	427.0	328.8	232.7	170.7	121.8	62.0	21.8	12.5	7.9	5.0
15°	587.1	477.9	371.0	271.3	201.1	150.3	81.6	25.0	13.7	8.3	5.4
12.5°	637.1	526.3	410.7	306.3	228.6	179.1	102.3	28.4	14.8	9.1	5.9
10°	681.8	571.7	447.5	337.8	253.3	207.7	123.4	31.8	16.7	10.1	6.4
7.5°	721.3	613.7	481.2	365.9	273.6	228.0	136.9	35.4	18.8	11.2	6.9
5°	751.9	644.2	503.3	378.5	280.2	238.4	147.2	38.7	20.8	12.2	7.4
2.5°	761.0	658.5	516.7	386.1	285.6	246.6	154.9	41.8	22.7	13.1	7.8
0°	765.7	667.5	526.1	390.5	289.9	252.5	160.2	44.4	24.5	14.0	8.2
-2.5°	769.6	670.4	531.1	398.4	298.6	257.1	169.0	57.2	33.1	18.8	10.4
-5°	769.6	668.3	531.8	403.2	306.1	259.9	175.4	69.4	41.3	23.4	12.5
-7.5°	754.0	653.7	524.7	404.8	311.9	261.0	179.7	80.8	48.9	27.7	14.4
-10°	731.9	629.9	509.2	402.3	319.3	264.8	182.9	91.0	55.8	31.5	16.2
-12.5°	706.2	602.6	492.9	398.7	326.5	271.0	187.8	100.1	61.7	34.8	17.8
-15°	677.1	572.3	476.9	394.5	333.2	276.2	190.3	107.5	66.3	37.4	19.1
-17.5°	648.0	539.4	462.2	390.3	339.6	280.4	190.3	113.0	69.7	39.5	20.3
-20°	624.2	519.0	450.0	386.4	345.7	284.0	187.9	116.4	71.8	40.7	21.4



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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°	597.1	510.5	445.5	389.5	349.7	287.1	183.1	117.4	72.6	41.2	22.1
-25°	567.8	501.4	440.8	392.6	350.2	279.4	179.9	116.0	71.9	40.7	22.5
-27.5°	550.9	492.6	434.9	393.4	343.8	268.8	177.8	114.9	70.4	39.4	22.3
-30°	539.4	484.4	432.6	389.8	334.9	249.6	172.3	112.0	68.7	38.5	21.8
-32.5°	527.7	475.5	428.7	378.1	315.2	229.5	161.3	106.9	65.7	37.7	21.3
-35°	514.4	466.6	421.2	363.3	290.8	213.8	148.6	99.8	61.4	36.3	20.5
-37.5°	499.0	457.3	402.3	341.6	265.9	195.6	136.8	90.9	55.8	34.3	19.4
-40°	489.1	442.2	381.7	313.7	242.4	174.9	122.8	82.0	51.8	31.6	17.9
-42.5°	477.5	416.8	352.4	285.1	217.1	157.1	107.3	71.8	47.2	29.0	16.0
-45°	446.6	384.9	317.8	252.9	190.0	136.8	94.4	61.1	42.0	26.4	14.2
-47.5°	410.0	343.9	280.1	218.2	164.6	115.9	80.0	54.6	36.3	23.2	12.9
-50°	362.0	299.8	239.6	185.7	136.4	98.1	66.3	47.5	31.6	19.1	11.4
-52.5°	312.5	253.1	200.8	152.8	113.0	78.7	57.6	40.0	26.4	16.2	9.7
-55°	259.7	208.8	162.8	123.6	89.6	66.0	48.2	33.3	20.7	13.7	7.9
-57.5°	209.5	165.2	129.0	95.8	72.0	54.5	39.1	26.0	17.0	11.2	7.5
-60°	159.2	127.5	96.4	75.4	58.2	43.1	30.0	19.6	13.9	8.9	7.0
-62.5°	117.5	92.2	75.4	58.8	44.6	32.0	21.3	15.9	10.7	8.2	6.4
-65°	85.6	70.5	56.0	43.3	31.4	22.1	17.1	12.2	9.3	7.5	5.8
-67.5°	61.4	49.6	38.8	28.0	21.8	17.0	12.6	10.2	8.4	6.7	5.3
-70°	39.0	29.5	24.4	20.2	15.9	12.3	10.7	9.0	7.3	6.0	4.7
-72.5°	23.1	20.1	16.9	13.6	12.2	10.7	9.2	7.8	6.5	5.3	4.1
-75°	15.1	13.8	12.8	11.7	10.4	9.1	7.9	6.9	5.7	4.6	3.6
-77.5°	12.1	11.3	10.6	9.7	8.5	7.5	6.6	5.9	4.9	4.0	3.3
-80°	9.3	8.7	8.0	7.1	6.4	5.8	5.4	5.0	4.2	3.5	2.9
-82.5°	6.8	6.2	5.6	5.2	4.9	4.6	4.4	4.1	3.5	2.9	2.6
-85°	4.6	4.3	4.1	3.8	3.7	3.5	3.4	3.3	3.0	2.7	2.5
-87.5°	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.6	2.5	2.4
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	1.2	1.3	1.3	1.3	1.3	1.8	2.3
85°	1.2	1.3	1.4	1.4	1.4	1.8	2.3
82.5°	1.2	1.4	1.5	1.5	1.5	1.8	2.3
80°	1.3	1.5	1.6	1.6	1.6	1.9	2.3
77.5°	1.5	1.6	1.7	1.7	1.7	1.9	2.3
75°	1.8	1.7	1.8	1.9	1.8	1.9	2.3
72.5°	2.1	1.9	1.9	2.0	1.9	1.9	2.3
70°	2.3	2.1	2.0	2.1	2.0	2.0	2.3
67.5°	2.3	2.2	2.1	2.1	2.1	2.0	2.3
65°	2.3	2.3	2.2	2.2	2.1	2.0	2.3
62.5°	2.3	2.3	2.2	2.2	2.2	2.0	2.3
60°	2.3	2.3	2.3	2.2	2.3	2.1	2.3
57.5°	2.3	2.3	2.3	2.2	2.3	2.1	2.3
55°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
52.5°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
50°	2.3	2.3	2.3	2.3	2.3	2.1	2.3
47.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
45°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
42.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
40°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
37.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
35°	2.3	2.3	2.3	2.3	2.3	2.2	2.3
32.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
30°	2.5	2.3	2.3	2.3	2.3	2.3	2.3
27.5°	2.6	2.3	2.3	2.3	2.3	2.3	2.3
25°	2.7	2.3	2.3	2.3	2.3	2.3	2.3
22.5°	2.9	2.3	2.3	2.3	2.3	2.3	2.3
20°	3.0	2.4	2.3	2.3	2.3	2.3	2.3
17.5°	3.3	2.5	2.3	2.3	2.3	2.3	2.3
15°	3.5	2.6	2.3	2.3	2.3	2.3	2.3
12.5°	3.7	2.8	2.3	2.3	2.3	2.3	2.3
10°	3.9	2.9	2.3	2.3	2.3	2.3	2.3
7.5°	4.2	3.1	2.3	2.3	2.3	2.3	2.3
5°	4.4	3.2	2.3	2.3	2.3	2.3	2.3
2.5°	4.5	3.4	2.3	2.3	2.3	2.3	2.3
0°	4.7	3.5	2.3	2.3	2.3	2.3	2.3
-2.5°	5.8	3.9	2.4	2.3	2.3	2.3	2.3
-5°	6.8	4.2	2.5	2.3	2.3	2.3	2.3
-7.5°	7.8	4.6	2.6	2.3	2.3	2.3	2.3
-10°	8.7	4.9	2.7	2.3	2.3	2.3	2.3
-12.5°	9.5	5.1	2.8	2.3	2.3	2.3	2.3
-15°	10.2	5.3	2.8	2.3	2.3	2.3	2.3
-17.5°	10.7	5.5	2.9	2.3	2.3	2.3	2.3
-20°	11.1	5.6	2.9	2.3	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.5	5.6	2.9	2.3	2.3	2.3	2.3
-25°	11.7	5.6	2.9	2.3	2.3	2.3	2.3
-27.5°	11.6	5.6	2.9	2.3	2.3	2.3	2.3
-30°	11.3	5.5	2.9	2.3	2.3	2.3	2.3
-32.5°	10.8	5.3	2.9	2.3	2.3	2.3	2.3
-35°	10.3	5.0	2.9	2.3	2.3	2.3	2.3
-37.5°	9.9	4.7	2.9	2.3	2.3	2.3	2.3
-40°	9.3	4.7	2.9	2.3	2.3	2.3	2.3
-42.5°	8.6	4.6	2.9	2.3	2.3	2.3	2.3
-45°	7.7	4.5	3.0	2.3	2.3	2.3	2.3
-47.5°	6.6	4.4	3.0	2.4	2.3	2.3	2.3
-50°	6.3	4.3	3.0	2.4	2.3	2.3	2.3
-52.5°	6.0	4.1	2.9	2.4	2.3	2.3	2.3
-55°	5.7	4.0	2.9	2.4	2.3	2.3	2.3
-57.5°	5.4	3.8	2.8	2.4	2.3	2.3	2.3
-60°	5.1	3.7	2.7	2.4	2.3	2.3	2.3
-62.5°	4.7	3.4	2.7	2.4	2.3	2.3	2.3
-65°	4.4	3.2	2.6	2.4	2.3	2.3	2.3
-67.5°	3.9	3.0	2.6	2.3	2.3	2.3	2.3
-70°	3.5	2.9	2.5	2.3	2.3	2.3	2.3
-72.5°	3.2	2.7	2.4	2.3	2.3	2.3	2.3
-75°	2.9	2.5	2.3	2.3	2.3	2.3	2.3
-77.5°	2.6	2.4	2.3	2.3	2.3	2.3	2.3
-80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-90°	1.2	1.2	1.2	1.2	1.2	1.8	2.3

(END OF REPORT)