

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: P1306341 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

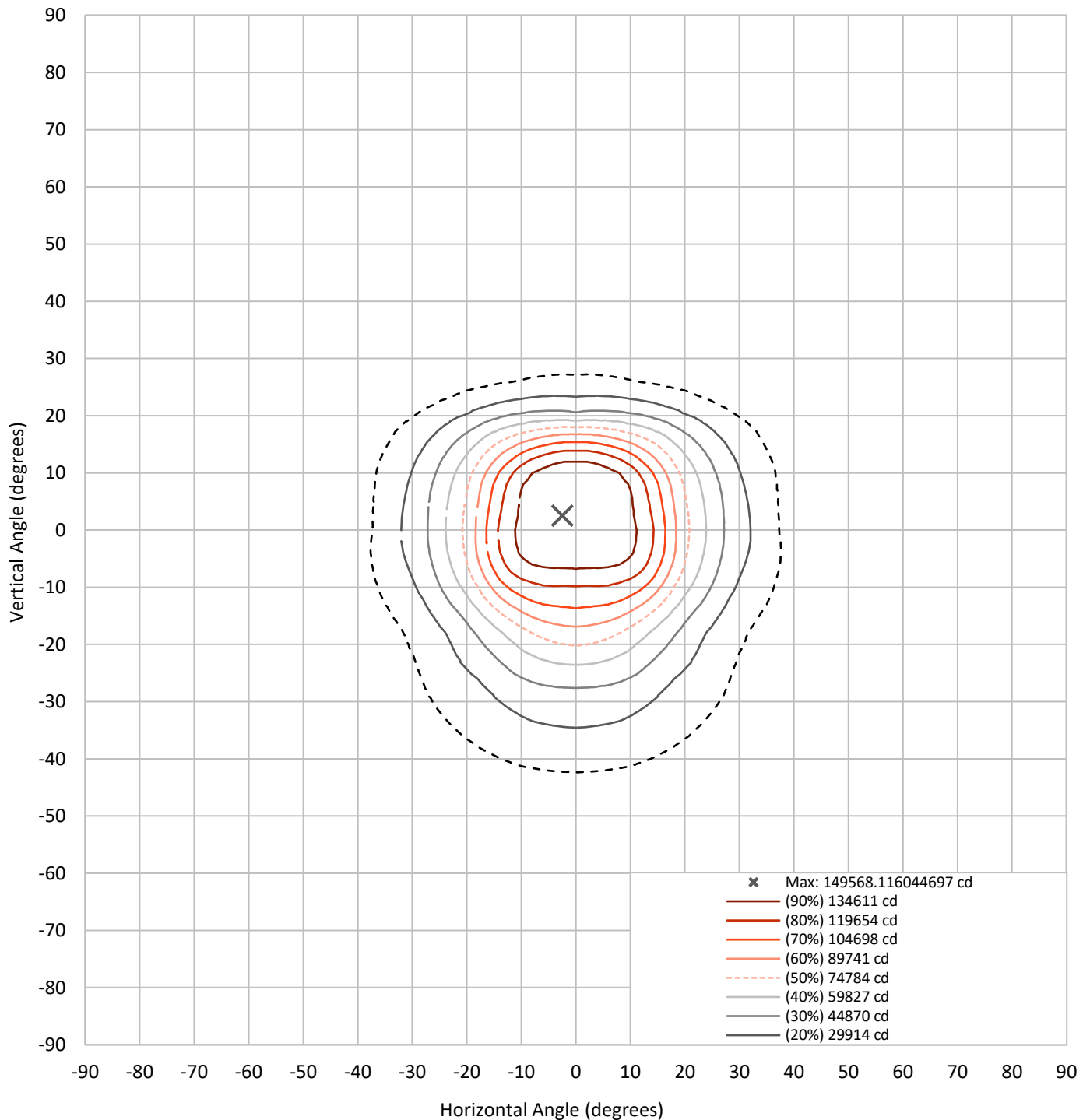
Test Method: LM-79-08
Report Number: P1306341 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-50-70-5S-CV1-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	79852.1 lumens	Max Intensity:	149568.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	116.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	43999 lumens	Field Lumens:	74260.9 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	688		
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





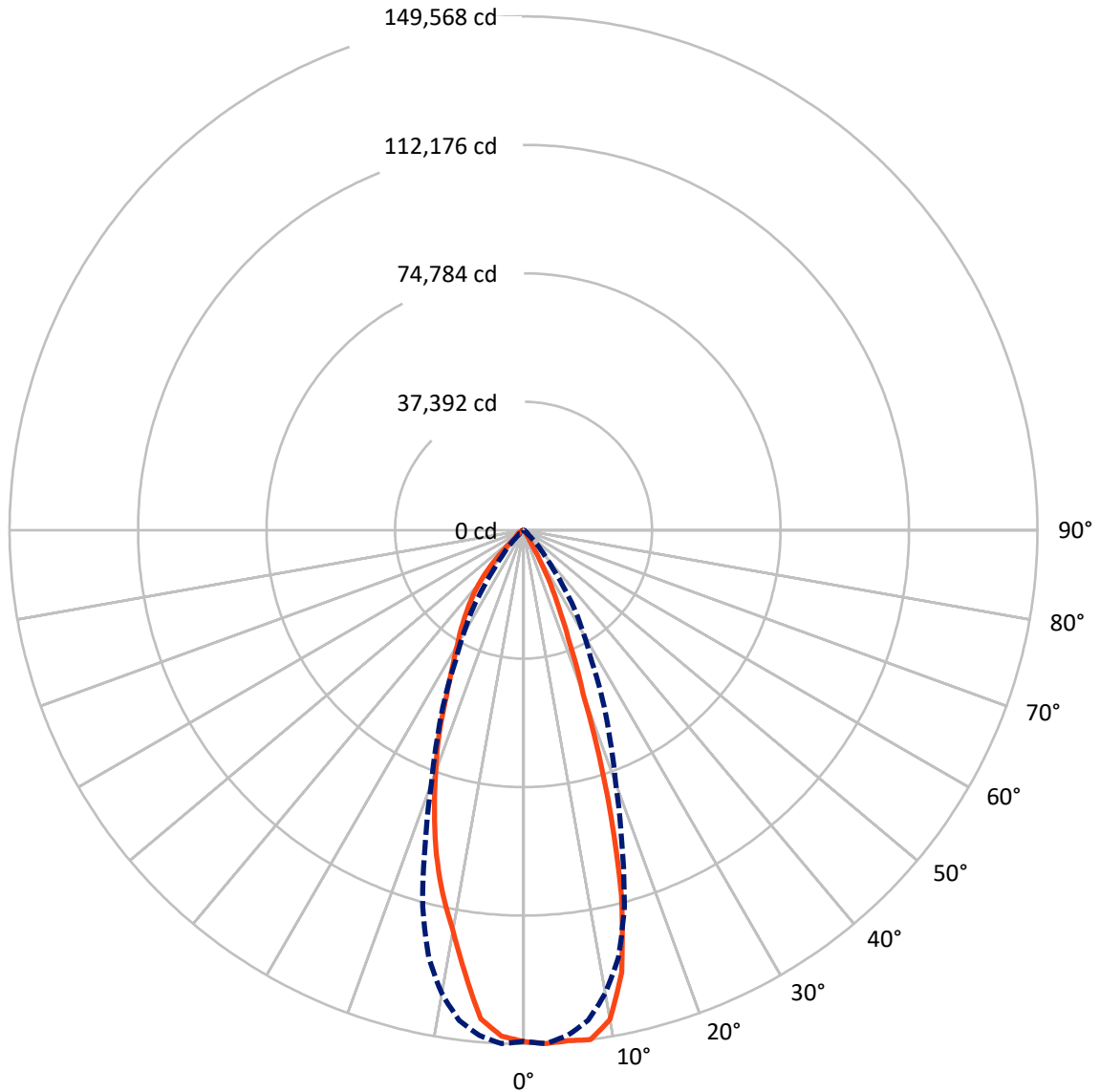
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Lumen Table

90	0.1	0.3	0.6	0.6	0.4	0.6	0.6	0.3	0.1										
80	0.1	0.3	0.6	0.6	0.4	0.6	0.6	0.3	0.1										
70	0.1	0.1	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.1	0.1			
60		0.1	0.3	0.8	0.9	0.4	0.3	0.3	0.3	0.3	0.4	0.9	0.8	0.3	0.1				
50	0.2	0.1	0.3	0.6	0.8	1.1	1.2	1.2	1.2	1.2	1.1	0.8	0.6	0.3	0.1	0.2			
40		0.2	0.8	2.4	5.2	11.3	26.6	38.0	38.0	26.6	11.3	5.2	2.4	0.8	0.2				
30	0.2	0.4	4.3	16.0	87.1	267.3	537.9	723.7	723.7	537.9	267.3	87.1	16.0	4.3	0.4	0.2			
20		1.2	10.4	57.5	358.8	1021.5	2117.5	3049.6	3049.6	2117.5	1021.5	358.8	57.5	10.4	1.2				
10	0.3	2.0	14.1	90.8	515.7	1469.4	3174.9	4390.4	4390.4	3174.9	1469.4	515.7	90.8	14.1	2.0	0.3			
0		2.4	15.1	95.0	519.4	1432.5	3128.8	4147.1	4147.1	3128.8	1432.5	519.4	95.0	15.1	2.4				
-10	0.4	2.9	14.5	63.8	341.5	944.9	2010.0	2859.1	2859.1	2010.0	944.9	341.5	63.8	14.5	2.9	0.4			
-20		2.8	13.7	35.5	201.3	578.7	1124.8	1590.8	1590.8	1124.8	578.7	201.3	35.5	13.7	2.8				
-30	0.4	2.2	11.1	26.4	80.9	319.0	622.5	851.9	851.9	622.5	319.0	80.9	26.4	11.1	2.2	0.4			
-40		1.4	7.2	20.7	39.8	74.2	175.9	273.4	273.4	175.9	74.2	39.8	20.7	7.2	1.4				
-50	0.2	0.8	3.6	11.3	24.4	39.7	54.2	62.8	62.8	54.2	39.7	24.4	11.3	3.6	0.8	0.2			
-60		0.3	1.3	3.8	8.4	14.2	21.0	24.8	24.8	21.0	14.2	8.4	3.8	1.3	0.3				
-70	0.2	0.8	2.8	6.7	9.0	6.7	2.8	0.8	0.2							0.2			
-80		0.8	2.8	6.7	9.0	6.7	2.8	0.8	0.2										
-90	0.2	0.8	2.8	6.7	9.0	6.7	2.8	0.8	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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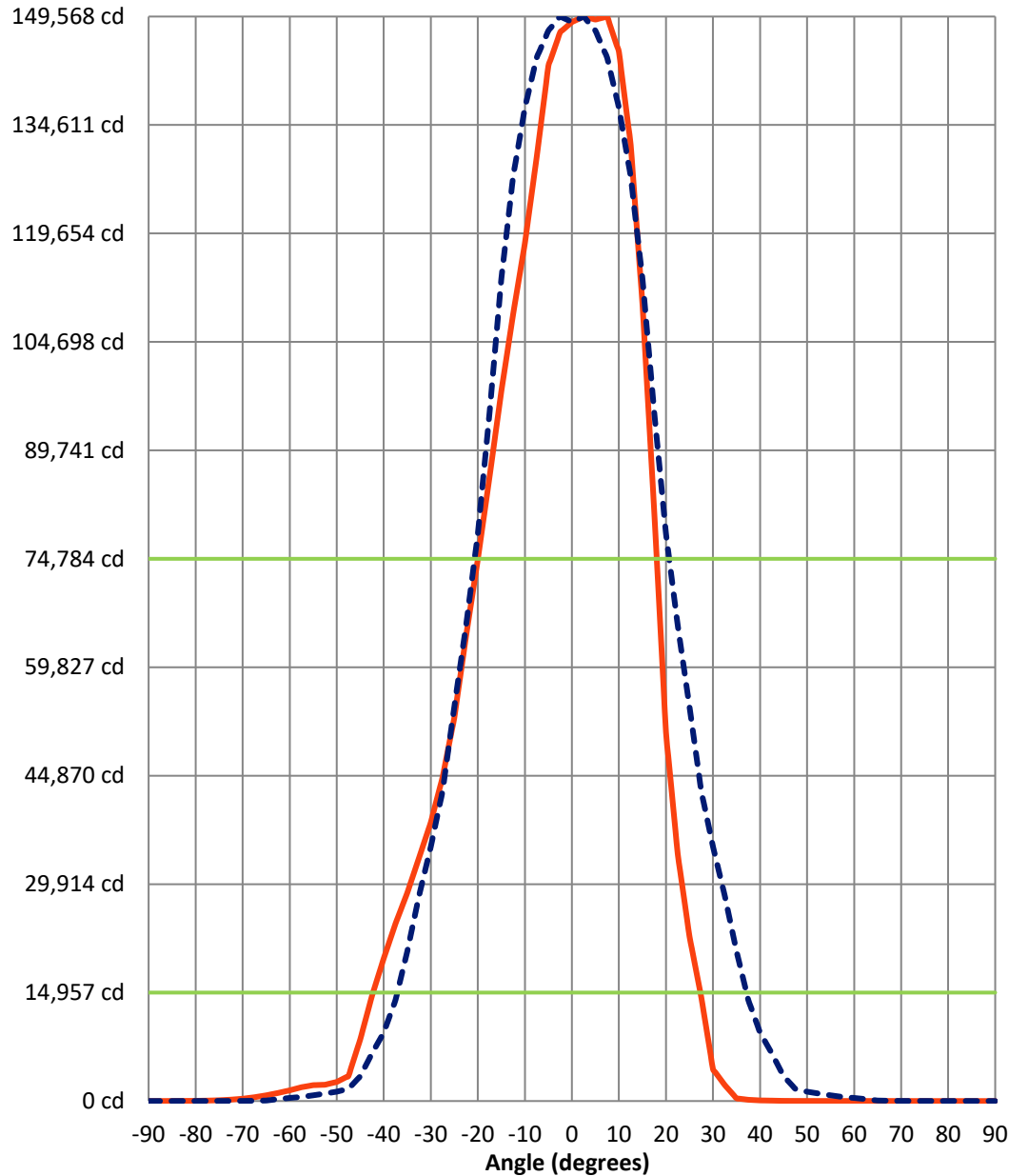
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 41.4°
V Angle: 38°
Lumens: 43999
Efficiency: 55.1%

Field:
H Angle: 74.2°
V Angle: 69.6°
Lumens: 74260.9
Efficiency: 93.0%

Spill:
Lumens: 5591.2
Efficiency: 7.0%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through 2.5-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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.4	4.8	4.3
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.4	4.8	4.3
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.4	5.1	4.9
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	5.8	5.7	5.8
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	6.1	6.3	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
57.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.6
55°	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.5	6.4	6.5	7.0
52.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.8	6.6	6.4	7.0	7.4
50°	6.4	6.4	6.4	6.4	6.4	6.6	7.0	6.7	6.6	7.5	8.5
47.5°	6.4	6.4	6.4	6.4	6.4	6.9	7.2	6.8	7.2	8.2	9.6
45°	6.4	6.4	6.4	6.4	6.4	7.1	7.3	6.9	7.8	9.0	10.6
42.5°	6.4	6.4	6.4	6.4	6.4	7.4	7.4	7.3	8.5	9.7	11.3
40°	6.4	6.4	6.4	6.4	6.5	7.6	7.6	7.9	9.1	10.3	11.9
37.5°	6.4	6.4	6.4	6.5	6.7	7.9	7.7	8.4	9.8	11.0	12.5
35°	6.4	6.4	6.4	6.5	7.0	8.1	7.8	9.0	10.3	11.8	13.3
32.5°	6.4	6.4	6.4	6.6	7.2	8.2	8.0	9.5	10.9	12.6	15.0
30°	6.4	6.4	6.4	6.7	7.4	8.3	8.4	9.9	11.5	13.5	17.1
27.5°	6.4	6.4	6.4	6.8	7.7	8.4	8.8	10.4	12.1	14.4	19.4
25°	6.4	6.4	6.4	7.0	7.9	8.5	9.2	10.8	12.8	16.0	22.2
22.5°	6.4	6.4	6.4	7.1	8.1	8.6	9.5	11.3	13.5	18.0	27.2
20°	6.4	6.4	6.4	7.3	8.2	8.6	9.9	11.6	14.3	20.2	32.7
17.5°	6.4	6.4	6.4	7.4	8.4	8.6	10.1	12.0	15.0	22.4	38.4
15°	6.4	6.4	6.4	7.6	8.4	8.6	10.3	12.3	15.7	24.6	44.3
12.5°	6.4	6.4	6.4	7.8	8.5	8.6	10.4	12.4	16.4	26.9	50.2
10°	6.4	6.4	6.4	7.9	8.6	8.6	10.5	12.6	17.1	29.4	56.1
7.5°	6.4	6.4	6.4	8.1	8.6	8.6	10.6	12.7	17.7	31.9	61.5
5°	6.4	6.4	6.4	8.3	8.6	8.6	10.7	12.7	18.3	34.3	66.5
2.5°	6.4	6.4	6.4	8.4	8.6	8.6	10.7	12.8	18.8	36.6	71.0
0°	6.4	6.4	6.4	8.6	8.6	8.6	10.7	12.8	19.2	38.5	74.8
-2.5°	6.4	6.4	6.5	8.6	8.6	8.8	11.3	15.1	25.7	50.2	93.3
-5°	6.4	6.4	6.6	8.6	8.6	9.1	11.8	17.4	32.0	61.3	110.7
-7.5°	6.4	6.4	6.7	8.6	8.6	9.3	12.3	19.4	37.7	71.6	126.6
-10°	6.4	6.4	6.8	8.5	8.6	9.5	12.7	21.2	42.8	80.7	140.6
-12.5°	6.4	6.4	6.9	8.5	8.6	9.6	13.0	22.7	46.9	88.6	154.1
-15°	6.4	6.4	6.9	8.5	8.6	9.7	13.3	23.8	50.8	96.2	165.6
-17.5°	6.4	6.4	7.0	8.4	8.6	9.8	13.5	25.6	54.5	102.1	173.9
-20°	6.4	6.4	7.1	8.4	8.6	9.9	14.1	27.7	57.1	105.9	178.8



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 CATALOG NUMBER: EPH-08-680N-50-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.4	6.4	7.1	8.4	8.6	9.9	15.2	29.2	58.4	107.6	180.0
-25°	6.4	6.4	7.2	8.4	8.6	10.1	15.9	30.0	58.3	107.0	177.2
-27.5°	6.4	6.4	7.2	8.4	8.6	10.2	16.3	30.1	56.7	105.0	176.0
-30°	6.4	6.4	7.2	8.4	8.6	10.3	16.3	29.4	55.7	103.0	171.8
-32.5°	6.4	6.4	7.2	8.4	8.7	10.2	15.9	29.2	54.8	99.0	164.3
-35°	6.4	6.4	7.2	8.4	8.8	9.9	15.7	28.7	52.8	92.9	153.4
-37.5°	6.4	6.4	7.2	8.5	8.9	9.7	15.4	27.6	49.7	84.6	139.4
-40°	6.4	6.4	7.2	8.5	8.9	9.8	14.8	25.8	45.4	78.4	125.6
-42.5°	6.4	6.4	7.1	8.6	9.0	9.8	13.9	23.4	41.8	71.1	110.1
-45°	6.4	6.4	7.0	8.6	9.0	9.8	12.8	21.1	38.3	62.8	94.2
-47.5°	6.4	6.4	7.0	8.6	9.0	9.8	11.4	19.5	33.8	53.7	83.8
-50°	6.4	6.4	6.9	8.4	8.9	9.8	11.1	17.4	28.4	47.3	72.4
-52.5°	6.4	6.4	6.8	8.2	8.9	9.7	11.0	15.0	24.5	40.2	60.6
-55°	6.4	6.4	6.7	8.1	8.8	9.5	10.8	12.5	21.1	32.5	51.5
-57.5°	6.4	6.4	6.5	7.9	8.7	9.4	10.5	12.2	17.5	27.2	41.6
-60°	6.4	6.4	6.4	7.7	8.6	9.2	10.2	11.8	14.2	22.4	32.6
-62.5°	6.4	6.4	6.4	7.5	8.4	9.0	9.9	11.3	13.4	17.3	26.4
-65°	6.4	6.4	6.4	7.3	8.2	8.7	9.5	10.7	12.5	15.1	19.9
-67.5°	6.4	6.4	6.4	7.1	8.0	8.5	9.1	10.2	11.5	13.7	16.5
-70°	6.4	6.4	6.4	6.9	7.8	8.4	8.7	9.7	10.9	12.1	14.4
-72.5°	6.4	6.4	6.4	6.8	7.6	8.3	8.6	9.1	10.2	11.3	12.4
-75°	6.4	6.4	6.4	6.8	7.5	8.1	8.6	8.9	9.6	10.6	11.6
-77.5°	6.4	6.4	6.4	6.7	7.3	8.0	8.5	8.8	9.3	9.9	10.8
-80°	6.4	6.4	6.4	6.7	7.1	7.8	8.6	8.7	9.0	9.4	10.0
-82.5°	6.4	6.4	6.4	6.6	7.0	7.5	8.1	8.4	8.6	8.8	9.1
-85°	6.4	6.4	6.4	6.5	6.8	7.1	7.5	7.7	7.9	8.1	8.3
-87.5°	6.4	6.4	6.4	6.5	6.6	6.8	7.0	7.1	7.2	7.2	7.3
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.4	4.8	4.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
82.5°	4.9	4.8	4.6	4.3	4.3	4.3	4.3	4.5	4.6	4.6	4.5
80°	5.7	5.4	4.9	4.4	4.5	4.8	5.3	5.9	5.9	5.5	5.2
77.5°	6.0	5.5	5.0	4.4	4.7	5.4	6.0	6.3	6.3	6.2	6.3
75°	6.0	5.5	5.3	5.3	5.7	6.2	6.4	6.8	7.1	7.2	7.0
72.5°	6.2	6.0	6.0	6.4	6.5	6.8	7.3	8.1	8.6	8.5	8.4
70°	6.3	6.4	6.4	6.4	6.5	7.3	8.4	9.5	10.2	10.6	11.7
67.5°	6.4	6.4	6.4	6.5	7.3	8.5	9.7	12.2	15.3	16.6	17.8
65°	6.4	6.4	6.7	7.4	8.5	10.2	12.8	16.5	22.8	25.8	27.2
62.5°	6.4	6.6	7.1	8.3	9.6	11.8	17.2	24.2	32.2	36.6	35.7
60°	6.5	6.7	8.1	9.7	11.4	16.1	23.2	31.4	41.6	48.9	43.9
57.5°	6.6	7.6	9.7	11.7	15.3	20.0	27.2	37.1	47.4	58.5	50.5
55°	7.4	9.3	11.4	14.2	18.1	21.7	29.0	38.2	49.6	56.7	49.8
52.5°	8.9	10.9	12.8	16.1	19.9	22.8	27.1	35.7	42.5	48.3	44.4
50°	10.4	11.7	13.8	17.7	21.0	22.8	22.5	29.0	34.7	37.2	37.7
47.5°	11.3	12.6	15.1	19.0	21.7	22.2	20.1	23.4	27.7	30.3	29.5
45°	12.0	14.0	16.8	20.1	22.1	21.3	21.0	19.8	25.1	27.4	27.8
42.5°	12.7	15.6	18.9	21.5	22.3	23.4	23.9	24.0	26.8	32.1	34.8
40°	14.0	17.2	21.5	23.7	24.1	27.8	31.6	34.4	36.4	43.6	48.8
37.5°	15.4	19.9	25.0	28.8	29.4	35.8	41.8	60.7	64.5	58.9	77.5
35°	16.6	22.9	31.6	40.6	45.8	47.5	73.6	99.2	110.1	107.8	123.5
32.5°	18.8	26.2	40.2	60.7	81.0	86.2	114.1	157.4	196.1	211.8	202.2
30°	22.5	34.2	53.9	86.2	132.2	182.7	190.6	238.8	317.1	380.9	476.4
27.5°	28.1	44.5	78.3	133.2	206.7	310.1	335.4	377.2	493.8	654.0	961.7
25°	34.5	70.9	106.3	195.7	331.8	453.0	500.7	579.6	714.8	1232.9	1941.5
22.5°	48.7	106.0	163.7	267.7	477.5	602.8	689.1	821.5	1142.7	1970.0	3349.4
20°	74.0	154.9	236.3	358.5	631.8	760.9	876.9	1078.2	1795.3	3333.7	5575.5
17.5°	103.9	207.7	311.3	468.1	715.1	891.5	1071.0	1341.4	2480.1	4924.1	7902.7
15°	137.2	263.5	381.8	562.9	787.9	977.7	1228.2	1851.5	3567.3	6739.9	10040.3
12.5°	172.9	321.1	447.9	643.9	855.5	1058.6	1357.0	2287.5	4700.6	8389.6	12236.4
10°	209.6	379.3	509.5	712.1	917.5	1133.6	1473.8	2685.8	5499.6	9008.4	13288.4
7.5°	232.4	415.6	559.3	768.9	973.5	1201.9	1577.3	3037.6	6065.0	9320.5	13721.8
5°	249.5	424.9	564.2	785.6	1009.3	1256.3	1658.0	3332.6	6416.4	9364.7	13855.6
2.5°	262.6	428.6	565.2	790.7	1030.8	1293.2	1685.6	3430.3	6577.5	9450.4	13948.1
0°	271.5	427.6	562.3	788.9	1045.5	1321.3	1695.5	3448.7	6580.9	9505.8	13982.8
-2.5°	286.0	442.9	590.9	822.1	1062.0	1327.2	1709.3	3545.8	6900.2	10104.2	15037.9
-5°	296.3	454.4	614.7	847.9	1071.9	1324.3	1707.0	3551.0	6940.3	10243.0	15080.8
-7.5°	302.7	462.0	632.7	863.2	1063.4	1291.1	1648.7	3264.0	6329.6	9614.9	14056.1
-10°	306.5	471.7	645.3	854.3	1031.6	1236.4	1565.9	2909.1	5599.3	8806.8	12817.9
-12.5°	313.6	483.0	653.7	843.9	1002.1	1176.2	1468.4	2496.4	4770.0	7819.1	11383.0
-15°	315.8	490.4	657.9	833.7	977.3	1111.4	1356.9	2033.9	3938.8	6951.9	9962.5
-17.5°	313.0	493.9	658.2	825.3	959.8	1043.1	1242.8	1634.2	3319.2	6110.1	8888.1
-20°	305.1	493.6	654.6	820.3	948.9	1020.6	1205.2	1547.1	2786.6	5123.9	7872.9



REPORT NUMBER: P1306341 (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°	292.0	489.5	648.3	811.6	947.8	1041.3	1173.3	1437.3	2118.5	3985.1	6820.7
-25°	283.3	471.0	638.4	789.3	941.4	1063.5	1139.0	1320.0	1700.1	3115.3	5402.7
-27.5°	279.2	446.3	608.7	757.2	924.8	1076.2	1145.4	1277.4	1546.3	2159.9	3908.8
-30°	269.8	404.7	573.0	716.8	886.2	1050.7	1170.7	1233.2	1407.1	1764.6	2793.4
-32.5°	250.8	362.2	525.8	672.9	832.6	1012.9	1175.2	1236.9	1349.2	1555.1	1940.6
-35°	229.0	335.0	474.4	622.1	768.4	951.1	1122.8	1254.2	1303.5	1452.5	1721.7
-37.5°	209.9	303.1	422.0	565.2	706.8	875.0	1063.9	1216.8	1318.2	1383.5	1582.5
-40°	187.7	266.7	378.5	507.2	644.6	798.1	973.0	1151.5	1295.3	1419.0	1502.4
-42.5°	163.4	238.6	333.8	449.1	581.8	724.0	875.4	1052.1	1236.2	1412.3	1541.1
-45°	144.4	207.4	286.7	395.0	515.0	646.4	788.2	937.4	1129.7	1328.4	1508.3
-47.5°	123.4	175.9	248.3	336.1	447.2	567.6	696.3	837.4	995.9	1187.1	1393.6
-50°	103.2	150.4	206.2	284.6	377.5	486.8	604.5	727.8	868.0	1027.0	1208.7
-52.5°	89.3	122.9	172.6	232.6	312.3	405.2	509.2	618.0	737.7	868.4	1017.6
-55°	74.4	103.4	139.5	188.8	249.0	328.3	413.1	509.6	609.0	722.7	837.6
-57.5°	61.3	85.1	113.2	149.4	197.5	252.2	325.9	402.1	490.4	582.3	673.9
-60°	48.9	67.9	91.0	118.6	151.2	196.3	243.1	306.8	377.3	446.6	523.1
-62.5°	36.8	52.2	70.4	92.1	118.6	144.8	182.0	225.7	271.9	329.0	385.0
-65°	29.0	37.8	51.6	69.0	87.8	110.3	133.4	157.0	194.1	231.2	266.2
-67.5°	20.9	28.7	36.8	46.6	62.5	78.4	95.1	115.6	136.3	155.6	178.3
-70°	17.2	20.3	26.6	33.8	40.9	49.4	63.2	77.7	92.4	106.9	123.2
-72.5°	14.4	17.0	19.7	22.7	28.5	34.1	39.5	44.8	54.1	66.1	77.5
-75°	12.5	13.6	15.8	18.2	20.7	22.9	25.5	30.1	34.7	39.3	43.9
-77.5°	11.4	12.2	13.1	14.2	15.6	17.6	19.5	21.4	23.3	25.0	26.7
-80°	10.4	10.7	11.2	11.9	12.7	13.7	14.7	15.9	17.1	18.6	20.0
-82.5°	9.4	9.6	9.9	10.1	10.3	10.5	10.8	11.5	12.1	12.9	13.7
-85°	8.4	8.6	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8
-87.5°	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.4	6.4	6.4	6.4	6.4	5.9	5.4	4.8	4.3	4.3	4.3
87.5°	4.3	4.3	4.3	4.3	4.3	3.8	3.2	2.7	2.1	2.1	2.1
85°	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.2	3.7	3.2
82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.2
80°	4.9	4.9	4.8	4.6	4.3	4.3	4.3	4.3	4.3	3.8	3.2
77.5°	6.4	6.0	5.5	4.9	4.4	4.3	4.3	4.3	4.3	3.8	3.3
75°	6.6	6.2	5.9	5.7	5.4	5.2	5.0	4.8	4.4	4.2	4.2
72.5°	8.2	8.1	8.0	8.1	8.1	7.9	7.5	6.9	6.1	6.0	6.2
70°	12.4	12.8	12.9	12.7	12.0	11.0	10.1	9.3	8.4	8.2	8.3
67.5°	19.0	19.2	18.6	17.2	14.9	13.0	11.9	10.7	9.3	8.8	9.4
65°	26.8	23.7	21.1	18.9	16.9	15.1	13.8	12.3	10.9	10.6	11.9
62.5°	32.0	25.2	21.3	19.5	18.2	16.9	14.9	13.2	11.6	10.8	11.0
60°	36.5	26.8	20.3	18.5	16.9	15.2	13.3	11.6	10.2	9.3	9.0
57.5°	38.6	27.4	18.6	16.2	13.9	11.6	10.6	10.1	9.4	8.6	9.1
55°	37.2	25.5	15.8	14.0	13.3	12.9	12.4	11.4	10.6	9.9	10.3
52.5°	31.9	23.2	16.9	14.6	14.0	13.4	12.7	12.5	12.3	12.1	12.2
50°	28.4	21.7	17.3	14.8	14.7	14.8	14.8	14.9	15.2	15.4	15.5
47.5°	25.3	20.4	19.3	16.9	17.3	18.6	18.9	19.2	20.3	20.2	19.7
45°	25.2	27.2	26.6	25.1	24.2	33.6	34.3	28.7	34.1	33.4	29.3
42.5°	37.0	39.7	40.3	49.6	66.9	66.1	64.3	72.8	67.0	58.6	52.7
40°	57.4	57.4	68.1	83.6	83.1	79.9	90.5	91.8	91.1	96.0	94.4
37.5°	91.4	92.5	97.4	106.7	123.1	115.3	138.5	153.4	155.8	176.4	192.4
35°	152.0	178.2	154.9	210.4	246.8	239.0	272.7	332.9	276.2	422.8	449.3
32.5°	285.0	343.7	388.9	452.3	534.3	655.3	664.2	1092.9	1178.7	1431.8	1777.7
30°	490.7	660.9	987.9	1073.3	1205.1	1706.8	2299.9	3042.1	3732.1	4224.9	4873.1
27.5°	1181.6	1462.7	2167.1	2932.4	2887.7	3825.1	5946.6	6599.3	8390.7	8986.7	10498.8
25°	2642.9	3316.2	5021.1	6540.6	7314.9	9784.6	12583.7	13846.0	16205.8	17460.6	19311.8
22.5°	5168.4	7015.4	9276.8	11610.1	14517.8	18299.3	21759.5	24285.1	27462.5	30013.5	31523.4
20°	8365.4	10921.1	14403.6	18028.3	22525.7	27493.6	31105.2	36222.2	41001.1	45539.2	47586.0
17.5°	11409.7	15679.8	19893.0	24267.8	30167.5	36665.9	42552.1	50035.9	57960.1	64053.8	69021.4
15°	13989.3	18740.6	24819.6	30048.1	36800.7	44904.4	53655.1	63222.8	74618.7	83280.1	92607.7
12.5°	16370.4	21134.7	27730.4	33974.8	43067.3	52219.8	62431.6	74319.8	87493.2	100305.8	112324.7
10°	17903.5	23394.4	30462.2	38048.7	47362.6	57990.4	69606.7	82924.6	99806.4	114454.3	127994.8
7.5°	18830.9	25455.1	32773.9	40863.3	50834.0	61770.5	74004.2	89704.3	107441.9	122742.1	134906.5
5°	19743.1	27143.5	34266.0	42220.1	53093.5	64222.4	76155.0	91903.7	110198.5	125513.2	136436.8
2.5°	20657.8	28305.8	35085.6	42760.0	54376.4	65608.0	78241.8	95020.0	113409.1	127474.4	136963.4
0°	21493.8	28720.4	35380.4	42895.6	54935.0	66213.2	79075.7	95643.4	116158.0	129685.4	138872.6
-2.5°	21797.0	28697.9	35061.6	42512.9	54468.6	65384.8	78186.2	96041.0	115185.4	128950.1	138279.0
-5°	20874.9	27137.3	33330.3	40877.7	51991.5	63259.3	76146.7	93851.3	112024.1	126274.1	135169.9
-7.5°	19141.0	24799.4	30890.7	38369.6	48467.7	59356.3	71088.0	86552.6	104443.3	117718.7	124725.1
-10°	17326.2	22179.5	27933.9	34856.0	43754.7	54095.1	63819.7	76978.3	93513.9	105283.3	112453.6
-12.5°	15251.6	19190.0	24501.3	30551.5	38494.7	47509.6	56403.9	67533.8	80162.2	92267.4	99732.3
-15°	13073.7	16243.3	20858.1	26663.8	32936.8	39679.6	47904.6	56920.3	66989.9	76801.8	85305.7
-17.5°	11330.5	13776.3	18011.2	23228.7	28011.9	33482.2	41498.8	48828.0	56197.5	64110.8	71195.2
-20°	10209.3	12505.1	15925.9	20282.3	25027.4	30541.5	36736.4	43146.8	49997.2	56072.9	62316.9



REPORT NUMBER: P1306341 (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°	9314.4	11674.1	14313.5	17944.2	22994.8	28060.7	32826.3	37732.0	43415.3	49621.3	54852.0
-25°	8152.0	10626.6	13134.1	16587.3	20839.6	25317.3	28825.9	32318.7	37446.7	42724.5	47048.7
-27.5°	6535.4	9333.3	12260.9	15071.7	18696.5	21881.0	24964.2	28129.8	32601.1	37056.2	40287.1
-30°	4663.5	7895.2	10935.7	13807.7	16296.4	18804.1	21382.6	24623.1	28361.0	31945.6	34692.1
-32.5°	3412.4	5833.9	9122.0	12053.3	14488.8	16588.0	18568.4	21451.7	24376.0	27250.4	29875.5
-35°	2177.5	3947.4	6509.6	9494.4	12353.8	14582.5	16735.6	18824.9	21022.7	23472.4	25744.0
-37.5°	1874.9	2350.7	3924.8	6151.8	8892.1	11804.4	13921.3	16001.1	18244.6	20085.2	21994.9
-40°	1699.2	1947.8	2346.5	3136.4	5205.7	7260.2	9638.6	11863.0	14007.5	15896.7	17641.9
-42.5°	1622.5	1771.3	1932.3	2231.9	2565.8	3550.9	5284.9	6904.5	8813.2	10709.5	12365.8
-45°	1661.3	1712.5	1794.4	1941.7	2078.4	2355.9	2648.1	2953.4	4257.6	5625.1	6797.0
-47.5°	1555.0	1704.0	1783.4	1847.5	1917.7	2038.4	2163.4	2333.4	2627.4	2925.4	3161.5
-50°	1378.5	1537.2	1676.6	1814.1	1880.5	1928.8	1980.3	2079.9	2216.3	2356.7	2460.0
-52.5°	1159.0	1312.6	1465.9	1605.1	1718.6	1828.3	1936.7	2018.3	2089.6	2160.1	2194.1
-55°	962.6	1090.7	1214.3	1339.7	1463.4	1580.7	1700.8	1823.0	1936.5	2041.5	2093.4
-57.5°	778.0	885.4	991.8	1087.4	1186.0	1286.3	1397.5	1516.2	1633.7	1743.5	1800.2
-60°	602.8	685.3	772.2	850.3	923.6	992.2	1088.3	1185.7	1279.0	1358.5	1400.7
-62.5°	440.8	504.7	570.7	632.7	691.5	749.8	822.1	892.6	960.3	1015.0	1046.9
-65°	305.6	353.2	397.5	440.3	481.9	531.6	586.4	639.2	689.2	726.6	747.8
-67.5°	208.5	236.8	261.6	284.7	314.6	349.6	388.0	424.1	457.8	482.3	498.5
-70°	139.3	154.7	168.3	184.0	202.9	222.1	242.8	263.3	283.3	297.0	305.6
-72.5°	88.4	98.2	107.5	118.3	128.4	138.6	148.6	158.0	166.6	174.5	181.9
-75°	48.5	53.6	61.0	67.8	74.1	81.0	87.6	93.4	98.5	101.9	104.5
-77.5°	29.6	33.0	36.0	38.7	41.1	44.1	47.5	50.9	54.5	56.8	58.6
-80°	21.4	22.5	23.6	24.7	25.8	26.8	27.5	28.2	28.7	29.6	30.4
-82.5°	14.5	15.2	15.8	16.3	16.8	17.8	18.7	19.6	20.5	21.3	22.0
-85°	9.9	9.9	9.8	9.9	9.9	10.5	11.1	11.7	12.4	12.5	12.6
-87.5°	8.2	7.8	7.4	6.9	6.4	6.4	6.3	6.3	6.3	6.4	6.4
-90°	4.3	4.3	4.3	4.3	4.3	3.8	3.2	2.7	2.1	2.1	2.1



REPORT NUMBER: P1306341 (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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.7
85°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.1
82.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3
80°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3
77.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.3	3.8	4.3	4.3
75°	4.2	4.2	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.4	4.8
72.5°	6.3	6.3	6.4	6.4	6.4	6.3	6.3	6.2	6.0	6.1	6.9
70°	8.4	8.5	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.4	9.3
67.5°	9.9	10.5	10.7	10.7	10.7	10.5	9.9	9.4	8.8	9.3	10.7
65°	13.3	14.6	14.0	12.8	14.0	14.6	13.3	11.9	10.6	10.9	12.3
62.5°	11.0	10.9	10.7	10.7	10.7	10.9	11.0	11.0	10.8	11.6	13.2
60°	8.8	8.7	8.6	8.6	8.6	8.7	8.8	9.0	9.3	10.2	11.6
57.5°	9.7	10.4	10.7	10.7	10.7	10.4	9.7	9.1	8.6	9.4	10.1
55°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.3	9.9	10.6	11.4
52.5°	12.5	12.7	12.8	12.8	12.8	12.7	12.5	12.2	12.1	12.3	12.5
50°	15.5	15.1	15.0	15.0	15.0	15.1	15.5	15.5	15.4	15.2	14.9
47.5°	19.6	19.3	19.1	19.2	19.1	19.3	19.6	19.7	20.2	20.3	19.2
45°	29.2	28.3	27.6	27.8	27.6	28.3	29.2	29.3	33.4	34.1	28.7
42.5°	55.9	57.9	60.2	64.1	60.2	57.9	55.9	52.7	58.6	67.0	72.8
40°	95.4	92.6	89.0	89.8	89.0	92.6	95.4	94.4	96.0	91.1	91.8
37.5°	198.3	190.8	176.5	166.8	176.5	190.8	198.3	192.4	176.4	155.8	153.4
35°	407.6	397.9	374.5	367.7	374.5	397.9	407.6	449.3	422.8	276.2	332.9
32.5°	1918.6	2138.6	2207.6	2210.7	2207.6	2138.6	1918.6	1777.7	1431.8	1178.7	1092.9
30°	4923.6	4870.1	4395.1	3906.2	4395.1	4870.1	4923.6	4873.1	4224.9	3732.1	3042.1
27.5°	11849.6	13297.1	14342.7	14004.2	14342.7	13297.1	11849.6	10498.8	8986.7	8390.7	6599.3
25°	21342.2	22366.7	22702.9	22203.6	22702.9	22366.7	21342.2	19311.8	17460.6	16205.8	13846.0
22.5°	33506.9	34122.1	34068.5	32945.2	34068.5	34122.1	33506.9	31523.4	30013.5	27462.5	24285.1
20°	50458.6	50360.5	50864.5	48578.6	50864.5	50360.5	50458.6	47586.0	45539.2	41001.1	36222.2
17.5°	74434.4	78372.3	81370.5	81083.3	81370.5	78372.3	74434.4	69021.4	64053.8	57960.1	50035.9
15°	99903.2	105853.3	109920.2	110184.2	109920.2	105853.3	99903.2	92607.7	83280.1	74618.7	63222.8
12.5°	122042.5	128405.7	131859.8	131334.9	131859.8	128405.7	122042.5	112324.7	100305.8	87493.2	74319.8
10°	136145.9	141043.6	144678.8	145581.8	144678.8	141043.6	136145.9	127994.8	114454.3	99806.4	82924.6
7.5°	141801.2	146385.1	149553.7	149506.2	149553.7	146385.1	141801.2	134906.5	122742.1	107441.9	89704.3
5°	142847.7	147360.9	149154.4	149494.4	149154.4	147360.9	142847.7	136436.8	125513.2	110198.5	91903.7
2.5°	143876.9	147618.7	149568.1	148827.3	149568.1	147618.7	143876.9	136963.4	127474.4	113409.1	95020.0
0°	144279.7	147279.4	148802.8	148331.3	148802.8	147279.4	144279.7	138872.6	129685.4	116158.0	95643.4
-2.5°	144141.7	146114.9	147404.4	146958.6	147404.4	146114.9	144141.7	138279.0	128950.1	115185.4	96041.0
-5°	140453.1	142152.3	142753.2	143082.4	142753.2	142152.3	140453.1	135169.9	126274.1	112024.1	93851.3
-7.5°	128599.4	130832.8	130114.7	131198.0	130114.7	130832.8	128599.4	124725.1	117718.7	104443.3	86552.6
-10°	116872.9	119046.3	118300.7	118999.4	118300.7	119046.3	116872.9	112453.6	105283.3	93513.9	76978.3
-12.5°	105815.1	108549.1	108508.5	109500.0	108508.5	108549.1	105815.1	99732.3	92267.4	80162.2	67533.8
-15°	92520.8	96002.8	97899.2	99115.6	97899.2	96002.8	92520.8	85305.7	76801.8	66989.9	56920.3
-17.5°	78477.7	82955.4	86145.5	86635.8	86145.5	82955.4	78477.7	71195.2	64110.8	56197.5	48828.0
-20°	67681.3	71718.1	74720.6	75689.0	74720.6	71718.1	67681.3	62316.9	56072.9	49997.2	43146.8



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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°	58637.1	61968.4	64139.2	64673.8	64139.2	61968.4	58637.1	54852.0	49621.3	43415.3	37732.0
-25°	49882.0	51744.6	52884.0	53314.3	52884.0	51744.6	49882.0	47048.7	42724.5	37446.7	32318.7
-27.5°	42756.3	44084.8	44653.7	44877.6	44653.7	44084.8	42756.3	40287.1	37056.2	32601.1	28129.8
-30°	36791.5	37811.7	38436.7	38668.7	38436.7	37811.7	36791.5	34692.1	31945.6	28361.0	24623.1
-32.5°	31881.4	32896.8	33555.5	33791.8	33555.5	32896.8	31881.4	29875.5	27250.4	24376.0	21451.7
-35°	27283.9	28123.3	28723.5	29002.6	28723.5	28123.3	27283.9	25744.0	23472.4	21022.7	18824.9
-37.5°	23220.2	23977.5	24477.3	24632.4	24477.3	23977.5	23220.2	21994.9	20085.2	18244.6	16001.1
-40°	18625.1	19308.5	19688.6	19670.0	19688.6	19308.5	18625.1	17641.9	15896.7	14007.5	11863.0
-42.5°	13344.5	14034.8	14522.7	14889.4	14522.7	14034.8	13344.5	12365.8	10709.5	8813.2	6904.5
-45°	7581.3	8148.4	8513.5	8684.7	8513.5	8148.4	7581.3	6797.0	5625.1	4257.6	2953.4
-47.5°	3301.9	3404.8	3456.6	3457.2	3456.6	3404.8	3301.9	3161.5	2925.4	2627.4	2333.4
-50°	2534.9	2599.6	2636.9	2646.9	2636.9	2599.6	2534.9	2460.0	2356.7	2216.3	2079.9
-52.5°	2218.0	2240.4	2250.4	2251.4	2250.4	2240.4	2218.0	2194.1	2160.1	2089.6	2018.3
-55°	2137.3	2174.5	2189.4	2187.2	2189.4	2174.5	2137.3	2093.4	2041.5	1936.5	1823.0
-57.5°	1847.6	1884.8	1906.3	1913.6	1906.3	1884.8	1847.6	1800.2	1743.5	1633.7	1516.2
-60°	1433.5	1456.8	1477.0	1490.2	1477.0	1456.8	1433.5	1400.7	1358.5	1279.0	1185.7
-62.5°	1072.8	1092.4	1111.3	1124.6	1111.3	1092.4	1072.8	1046.9	1015.0	960.3	892.6
-65°	763.1	772.8	788.5	801.8	788.5	772.8	763.1	747.8	726.6	689.2	639.2
-67.5°	511.3	520.5	526.2	528.1	526.2	520.5	511.3	498.5	482.3	457.8	424.1
-70°	311.4	314.9	321.6	327.1	321.6	314.9	311.4	305.6	297.0	283.3	263.3
-72.5°	188.4	194.0	194.1	192.4	194.1	194.0	188.4	181.9	174.5	166.6	158.0
-75°	106.5	107.9	108.7	109.0	108.7	107.9	106.5	104.5	101.9	98.5	93.4
-77.5°	60.1	61.4	60.8	59.9	60.8	61.4	60.1	58.6	56.8	54.5	50.9
-80°	31.2	32.0	32.1	32.1	32.1	32.0	31.2	30.4	29.6	28.7	28.2
-82.5°	22.7	23.4	22.4	21.4	22.4	23.4	22.7	22.0	21.3	20.5	19.6
-85°	12.7	12.8	12.8	12.8	12.8	12.8	12.7	12.6	12.5	12.4	11.7
-87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3
-90°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.4	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	3.2	3.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.6	4.6	4.5
80°	4.3	4.3	4.3	4.6	4.8	4.9	4.9	5.2	5.5	5.9	5.9
77.5°	4.3	4.3	4.4	4.9	5.5	6.0	6.4	6.3	6.2	6.3	6.3
75°	5.0	5.2	5.4	5.7	5.9	6.2	6.6	7.0	7.2	7.1	6.8
72.5°	7.5	7.9	8.1	8.1	8.0	8.1	8.2	8.4	8.5	8.6	8.1
70°	10.1	11.0	12.0	12.7	12.9	12.8	12.4	11.7	10.6	10.2	9.5
67.5°	11.9	13.0	14.9	17.2	18.6	19.2	19.0	17.8	16.6	15.3	12.2
65°	13.8	15.1	16.9	18.9	21.1	23.7	26.8	27.2	25.8	22.8	16.5
62.5°	14.9	16.9	18.2	19.5	21.3	25.2	32.0	35.7	36.6	32.2	24.2
60°	13.3	15.2	16.9	18.5	20.3	26.8	36.5	43.9	48.9	41.6	31.4
57.5°	10.6	11.6	13.9	16.2	18.6	27.4	38.6	50.5	58.5	47.4	37.1
55°	12.4	12.9	13.3	14.0	15.8	25.5	37.2	49.8	56.7	49.6	38.2
52.5°	12.7	13.4	14.0	14.6	16.9	23.2	31.9	44.4	48.3	42.5	35.7
50°	14.8	14.8	14.7	14.8	17.3	21.7	28.4	37.7	37.2	34.7	29.0
47.5°	18.9	18.6	17.3	16.9	19.3	20.4	25.3	29.5	30.3	27.7	23.4
45°	34.3	33.6	24.2	25.1	26.6	27.2	25.2	27.8	27.4	25.1	19.8
42.5°	64.3	66.1	66.9	49.6	40.3	39.7	37.0	34.8	32.1	26.8	24.0
40°	90.5	79.9	83.1	83.6	68.1	57.4	57.4	48.8	43.6	36.4	34.4
37.5°	138.5	115.3	123.1	106.7	97.4	92.5	91.4	77.5	58.9	64.5	60.7
35°	272.7	239.0	246.8	210.4	154.9	178.2	152.0	123.5	107.8	110.1	99.2
32.5°	664.2	655.3	534.3	452.3	388.9	343.7	285.0	202.2	211.8	196.1	157.4
30°	2299.9	1706.8	1205.1	1073.3	987.9	660.9	490.7	476.4	380.9	317.1	238.8
27.5°	5946.6	3825.1	2887.7	2932.4	2167.1	1462.7	1181.6	961.7	654.0	493.8	377.2
25°	12583.7	9784.6	7314.9	6540.6	5021.1	3316.2	2642.9	1941.5	1232.9	714.8	579.6
22.5°	21759.5	18299.3	14517.8	11610.1	9276.8	7015.4	5168.4	3349.4	1970.0	1142.7	821.5
20°	31105.2	27493.6	22525.7	18028.3	14403.6	10921.1	8365.4	5575.5	3333.7	1795.3	1078.2
17.5°	42552.1	36665.9	30167.5	24267.8	19893.0	15679.8	11409.7	7902.7	4924.1	2480.1	1341.4
15°	53655.1	44904.4	36800.7	30048.1	24819.6	18740.6	13989.3	10040.3	6739.9	3567.3	1851.5
12.5°	62431.6	52219.8	43067.3	33974.8	27730.4	21134.7	16370.4	12236.4	8389.6	4700.6	2287.5
10°	69606.7	57990.4	47362.6	38048.7	30462.2	23394.4	17903.5	13288.4	9008.4	5499.6	2685.8
7.5°	74004.2	61770.5	50834.0	40863.3	32773.9	25455.1	18830.9	13721.8	9320.5	6065.0	3037.6
5°	76155.0	64222.4	53093.5	42220.1	34266.0	27143.5	19743.1	13855.6	9364.7	6416.4	3332.6
2.5°	78241.8	65608.0	54376.4	42760.0	35085.6	28305.8	20657.8	13948.1	9450.4	6577.5	3430.3
0°	79075.7	66213.2	54935.0	42895.6	35380.4	28720.4	21493.8	13982.8	9505.8	6580.9	3448.7
-2.5°	78186.2	65384.8	54468.6	42512.9	35061.6	28697.9	21797.0	15037.9	10104.2	6900.2	3545.8
-5°	76146.7	63259.3	51991.5	40877.7	33330.3	27137.3	20874.9	15080.8	10243.0	6940.3	3551.0
-7.5°	71088.0	59356.3	48467.7	38369.6	30890.7	24799.4	19141.0	14056.1	9614.9	6329.6	3264.0
-10°	63819.7	54095.1	43754.7	34856.0	27933.9	22179.5	17326.2	12817.9	8806.8	5599.3	2909.1
-12.5°	56403.9	47509.6	38494.7	30551.5	24501.3	19190.0	15251.6	11383.0	7819.1	4770.0	2496.4
-15°	47904.6	39679.6	32936.8	26663.8	20858.1	16243.3	13073.7	9962.5	6951.9	3938.8	2033.9
-17.5°	41498.8	33482.2	28011.9	23228.7	18011.2	13776.3	11330.5	8888.1	6110.1	3319.2	1634.2
-20°	36736.4	30541.5	25027.4	20282.3	15925.9	12505.1	10209.3	7872.9	5123.9	2786.6	1547.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	32826.3	28060.7	22994.8	17944.2	14313.5	11674.1	9314.4	6820.7	3985.1	2118.5	1437.3
-25°	28825.9	25317.3	20839.6	16587.3	13134.1	10626.6	8152.0	5402.7	3115.3	1700.1	1320.0
-27.5°	24964.2	21881.0	18696.5	15071.7	12260.9	9333.3	6535.4	3908.8	2159.9	1546.3	1277.4
-30°	21382.6	18804.1	16296.4	13807.7	10935.7	7895.2	4663.5	2793.4	1764.6	1407.1	1233.2
-32.5°	18568.4	16588.0	14488.8	12053.3	9122.0	5833.9	3412.4	1940.6	1555.1	1349.2	1236.9
-35°	16735.6	14582.5	12353.8	9494.4	6509.6	3947.4	2177.5	1721.7	1452.5	1303.5	1254.2
-37.5°	13921.3	11804.4	8892.1	6151.8	3924.8	2350.7	1874.9	1582.5	1383.5	1318.2	1216.8
-40°	9638.6	7260.2	5205.7	3136.4	2346.5	1947.8	1699.2	1502.4	1419.0	1295.3	1151.5
-42.5°	5284.9	3550.9	2565.8	2231.9	1932.3	1771.3	1622.5	1541.1	1412.3	1236.2	1052.1
-45°	2648.1	2355.9	2078.4	1941.7	1794.4	1712.5	1661.3	1508.3	1328.4	1129.7	937.4
-47.5°	2163.4	2038.4	1917.7	1847.5	1783.4	1704.0	1555.0	1393.6	1187.1	995.9	837.4
-50°	1980.3	1928.8	1880.5	1814.1	1676.6	1537.2	1378.5	1208.7	1027.0	868.0	727.8
-52.5°	1936.7	1828.3	1718.6	1605.1	1465.9	1312.6	1159.0	1017.6	868.4	737.7	618.0
-55°	1700.8	1580.7	1463.4	1339.7	1214.3	1090.7	962.6	837.6	722.7	609.0	509.6
-57.5°	1397.5	1286.3	1186.0	1087.4	991.8	885.4	778.0	673.9	582.3	490.4	402.1
-60°	1088.3	992.2	923.6	850.3	772.2	685.3	602.8	523.1	446.6	377.3	306.8
-62.5°	822.1	749.8	691.5	632.7	570.7	504.7	440.8	385.0	329.0	271.9	225.7
-65°	586.4	531.6	481.9	440.3	397.5	353.2	305.6	266.2	231.2	194.1	157.0
-67.5°	388.0	349.6	314.6	284.7	261.6	236.8	208.5	178.3	155.6	136.3	115.6
-70°	242.8	222.1	202.9	184.0	168.3	154.7	139.3	123.2	106.9	92.4	77.7
-72.5°	148.6	138.6	128.4	118.3	107.5	98.2	88.4	77.5	66.1	54.1	44.8
-75°	87.6	81.0	74.1	67.8	61.0	53.6	48.5	43.9	39.3	34.7	30.1
-77.5°	47.5	44.1	41.1	38.7	36.0	33.0	29.6	26.7	25.0	23.3	21.4
-80°	27.5	26.8	25.8	24.7	23.6	22.5	21.4	20.0	18.6	17.1	15.9
-82.5°	18.7	17.8	16.8	16.3	15.8	15.2	14.5	13.7	12.9	12.1	11.5
-85°	11.1	10.5	9.9	9.9	9.8	9.9	9.9	9.8	9.7	9.6	9.5
-87.5°	6.3	6.4	6.4	6.9	7.4	7.8	8.2	8.1	8.1	8.0	8.0
-90°	3.2	3.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3



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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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	5.9
85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	5.9
82.5°	4.3	4.3	4.3	4.3	4.6	4.8	4.9	4.9	5.1	5.4	5.9
80°	5.3	4.8	4.5	4.4	4.9	5.4	5.7	5.8	5.7	5.8	6.0
77.5°	6.0	5.4	4.7	4.4	5.0	5.5	6.0	6.4	6.3	6.1	6.2
75°	6.4	6.2	5.7	5.3	5.3	5.5	6.0	6.4	6.4	6.4	6.3
72.5°	7.3	6.8	6.5	6.4	6.0	6.0	6.2	6.4	6.4	6.4	6.4
70°	8.4	7.3	6.5	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4
67.5°	9.7	8.5	7.3	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	12.8	10.2	8.5	7.4	6.7	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	17.2	11.8	9.6	8.3	7.1	6.6	6.4	6.4	6.4	6.4	6.4
60°	23.2	16.1	11.4	9.7	8.1	6.7	6.5	6.4	6.4	6.4	6.4
57.5°	27.2	20.0	15.3	11.7	9.7	7.6	6.6	6.6	6.4	6.4	6.4
55°	29.0	21.7	18.1	14.2	11.4	9.3	7.4	7.0	6.5	6.4	6.5
52.5°	27.1	22.8	19.9	16.1	12.8	10.9	8.9	7.4	7.0	6.4	6.6
50°	22.5	22.8	21.0	17.7	13.8	11.7	10.4	8.5	7.5	6.6	6.7
47.5°	20.1	22.2	21.7	19.0	15.1	12.6	11.3	9.6	8.2	7.2	6.8
45°	21.0	21.3	22.1	20.1	16.8	14.0	12.0	10.6	9.0	7.8	6.9
42.5°	23.9	23.4	22.3	21.5	18.9	15.6	12.7	11.3	9.7	8.5	7.3
40°	31.6	27.8	24.1	23.7	21.5	17.2	14.0	11.9	10.3	9.1	7.9
37.5°	41.8	35.8	29.4	28.8	25.0	19.9	15.4	12.5	11.0	9.8	8.4
35°	73.6	47.5	45.8	40.6	31.6	22.9	16.6	13.3	11.8	10.3	9.0
32.5°	114.1	86.2	81.0	60.7	40.2	26.2	18.8	15.0	12.6	10.9	9.5
30°	190.6	182.7	132.2	86.2	53.9	34.2	22.5	17.1	13.5	11.5	9.9
27.5°	335.4	310.1	206.7	133.2	78.3	44.5	28.1	19.4	14.4	12.1	10.4
25°	500.7	453.0	331.8	195.7	106.3	70.9	34.5	22.2	16.0	12.8	10.8
22.5°	689.1	602.8	477.5	267.7	163.7	106.0	48.7	27.2	18.0	13.5	11.3
20°	876.9	760.9	631.8	358.5	236.3	154.9	74.0	32.7	20.2	14.3	11.6
17.5°	1071.0	891.5	715.1	468.1	311.3	207.7	103.9	38.4	22.4	15.0	12.0
15°	1228.2	977.7	787.9	562.9	381.8	263.5	137.2	44.3	24.6	15.7	12.3
12.5°	1357.0	1058.6	855.5	643.9	447.9	321.1	172.9	50.2	26.9	16.4	12.4
10°	1473.8	1133.6	917.5	712.1	509.5	379.3	209.6	56.1	29.4	17.1	12.6
7.5°	1577.3	1201.9	973.5	768.9	559.3	415.6	232.4	61.5	31.9	17.7	12.7
5°	1658.0	1256.3	1009.3	785.6	564.2	424.9	249.5	66.5	34.3	18.3	12.7
2.5°	1685.6	1293.2	1030.8	790.7	565.2	428.6	262.6	71.0	36.6	18.8	12.8
0°	1695.5	1321.3	1045.5	788.9	562.3	427.6	271.5	74.8	38.5	19.2	12.8
-2.5°	1709.3	1327.2	1062.0	822.1	590.9	442.9	286.0	93.3	50.2	25.7	15.1
-5°	1707.0	1324.3	1071.9	847.9	614.7	454.4	296.3	110.7	61.3	32.0	17.4
-7.5°	1648.7	1291.1	1063.4	863.2	632.7	462.0	302.7	126.6	71.6	37.7	19.4
-10°	1565.9	1236.4	1031.6	854.3	645.3	471.7	306.5	140.6	80.7	42.8	21.2
-12.5°	1468.4	1176.2	1002.1	843.9	653.7	483.0	313.6	154.1	88.6	46.9	22.7
-15°	1356.9	1111.4	977.3	833.7	657.9	490.4	315.8	165.6	96.2	50.8	23.8
-17.5°	1242.8	1043.1	959.8	825.3	658.2	493.9	313.0	173.9	102.1	54.5	25.6
-20°	1205.2	1020.6	948.9	820.3	654.6	493.6	305.1	178.8	105.9	57.1	27.7



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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°	1173.3	1041.3	947.8	811.6	648.3	489.5	292.0	180.0	107.6	58.4	29.2
-25°	1139.0	1063.5	941.4	789.3	638.4	471.0	283.3	177.2	107.0	58.3	30.0
-27.5°	1145.4	1076.2	924.8	757.2	608.7	446.3	279.2	176.0	105.0	56.7	30.1
-30°	1170.7	1050.7	886.2	716.8	573.0	404.7	269.8	171.8	103.0	55.7	29.4
-32.5°	1175.2	1012.9	832.6	672.9	525.8	362.2	250.8	164.3	99.0	54.8	29.2
-35°	1122.8	951.1	768.4	622.1	474.4	335.0	229.0	153.4	92.9	52.8	28.7
-37.5°	1063.9	875.0	706.8	565.2	422.0	303.1	209.9	139.4	84.6	49.7	27.6
-40°	973.0	798.1	644.6	507.2	378.5	266.7	187.7	125.6	78.4	45.4	25.8
-42.5°	875.4	724.0	581.8	449.1	333.8	238.6	163.4	110.1	71.1	41.8	23.4
-45°	788.2	646.4	515.0	395.0	286.7	207.4	144.4	94.2	62.8	38.3	21.1
-47.5°	696.3	567.6	447.2	336.1	248.3	175.9	123.4	83.8	53.7	33.8	19.5
-50°	604.5	486.8	377.5	284.6	206.2	150.4	103.2	72.4	47.3	28.4	17.4
-52.5°	509.2	405.2	312.3	232.6	172.6	122.9	89.3	60.6	40.2	24.5	15.0
-55°	413.1	328.3	249.0	188.8	139.5	103.4	74.4	51.5	32.5	21.1	12.5
-57.5°	325.9	252.2	197.5	149.4	113.2	85.1	61.3	41.6	27.2	17.5	12.2
-60°	243.1	196.3	151.2	118.6	91.0	67.9	48.9	32.6	22.4	14.2	11.8
-62.5°	182.0	144.8	118.6	92.1	70.4	52.2	36.8	26.4	17.3	13.4	11.3
-65°	133.4	110.3	87.8	69.0	51.6	37.8	29.0	19.9	15.1	12.5	10.7
-67.5°	95.1	78.4	62.5	46.6	36.8	28.7	20.9	16.5	13.7	11.5	10.2
-70°	63.2	49.4	40.9	33.8	26.6	20.3	17.2	14.4	12.1	10.9	9.7
-72.5°	39.5	34.1	28.5	22.7	19.7	17.0	14.4	12.4	11.3	10.2	9.1
-75°	25.5	22.9	20.7	18.2	15.8	13.6	12.5	11.6	10.6	9.6	8.9
-77.5°	19.5	17.6	15.6	14.2	13.1	12.2	11.4	10.8	9.9	9.3	8.8
-80°	14.7	13.7	12.7	11.9	11.2	10.7	10.4	10.0	9.4	9.0	8.7
-82.5°	10.8	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.6	8.4
-85°	9.3	9.2	9.1	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.7
-87.5°	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.1
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	5.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
57.5°	6.5	6.4	6.4	6.4	6.4	6.4	6.4
55°	6.6	6.4	6.4	6.4	6.4	6.4	6.4
52.5°	6.8	6.4	6.4	6.4	6.4	6.4	6.4
50°	7.0	6.6	6.4	6.4	6.4	6.4	6.4
47.5°	7.2	6.9	6.4	6.4	6.4	6.4	6.4
45°	7.3	7.1	6.4	6.4	6.4	6.4	6.4
42.5°	7.4	7.4	6.4	6.4	6.4	6.4	6.4
40°	7.6	7.6	6.5	6.4	6.4	6.4	6.4
37.5°	7.7	7.9	6.7	6.5	6.4	6.4	6.4
35°	7.8	8.1	7.0	6.5	6.4	6.4	6.4
32.5°	8.0	8.2	7.2	6.6	6.4	6.4	6.4
30°	8.4	8.3	7.4	6.7	6.4	6.4	6.4
27.5°	8.8	8.4	7.7	6.8	6.4	6.4	6.4
25°	9.2	8.5	7.9	7.0	6.4	6.4	6.4
22.5°	9.5	8.6	8.1	7.1	6.4	6.4	6.4
20°	9.9	8.6	8.2	7.3	6.4	6.4	6.4
17.5°	10.1	8.6	8.4	7.4	6.4	6.4	6.4
15°	10.3	8.6	8.4	7.6	6.4	6.4	6.4
12.5°	10.4	8.6	8.5	7.8	6.4	6.4	6.4
10°	10.5	8.6	8.6	7.9	6.4	6.4	6.4
7.5°	10.6	8.6	8.6	8.1	6.4	6.4	6.4
5°	10.7	8.6	8.6	8.3	6.4	6.4	6.4
2.5°	10.7	8.6	8.6	8.4	6.4	6.4	6.4
0°	10.7	8.6	8.6	8.6	6.4	6.4	6.4
-2.5°	11.3	8.8	8.6	8.6	6.5	6.4	6.4
-5°	11.8	9.1	8.6	8.6	6.6	6.4	6.4
-7.5°	12.3	9.3	8.6	8.6	6.7	6.4	6.4
-10°	12.7	9.5	8.6	8.5	6.8	6.4	6.4
-12.5°	13.0	9.6	8.6	8.5	6.9	6.4	6.4
-15°	13.3	9.7	8.6	8.5	6.9	6.4	6.4
-17.5°	13.5	9.8	8.6	8.4	7.0	6.4	6.4
-20°	14.1	9.9	8.6	8.4	7.1	6.4	6.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.2	9.9	8.6	8.4	7.1	6.4	6.4
-25°	15.9	10.1	8.6	8.4	7.2	6.4	6.4
-27.5°	16.3	10.2	8.6	8.4	7.2	6.4	6.4
-30°	16.3	10.3	8.6	8.4	7.2	6.4	6.4
-32.5°	15.9	10.2	8.7	8.4	7.2	6.4	6.4
-35°	15.7	9.9	8.8	8.4	7.2	6.4	6.4
-37.5°	15.4	9.7	8.9	8.5	7.2	6.4	6.4
-40°	14.8	9.8	8.9	8.5	7.2	6.4	6.4
-42.5°	13.9	9.8	9.0	8.6	7.1	6.4	6.4
-45°	12.8	9.8	9.0	8.6	7.0	6.4	6.4
-47.5°	11.4	9.8	9.0	8.6	7.0	6.4	6.4
-50°	11.1	9.8	8.9	8.4	6.9	6.4	6.4
-52.5°	11.0	9.7	8.9	8.2	6.8	6.4	6.4
-55°	10.8	9.5	8.8	8.1	6.7	6.4	6.4
-57.5°	10.5	9.4	8.7	7.9	6.5	6.4	6.4
-60°	10.2	9.2	8.6	7.7	6.4	6.4	6.4
-62.5°	9.9	9.0	8.4	7.5	6.4	6.4	6.4
-65°	9.5	8.7	8.2	7.3	6.4	6.4	6.4
-67.5°	9.1	8.5	8.0	7.1	6.4	6.4	6.4
-70°	8.7	8.4	7.8	6.9	6.4	6.4	6.4
-72.5°	8.6	8.3	7.6	6.8	6.4	6.4	6.4
-75°	8.6	8.1	7.5	6.8	6.4	6.4	6.4
-77.5°	8.5	8.0	7.3	6.7	6.4	6.4	6.4
-80°	8.6	7.8	7.1	6.7	6.4	6.4	6.4
-82.5°	8.1	7.5	7.0	6.6	6.4	6.4	6.4
-85°	7.5	7.1	6.8	6.5	6.4	6.4	6.4
-87.5°	7.0	6.8	6.6	6.5	6.4	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)