

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: P1306354 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-2S-CV2-A**

Issue Date: 2/3/2026

Test Information

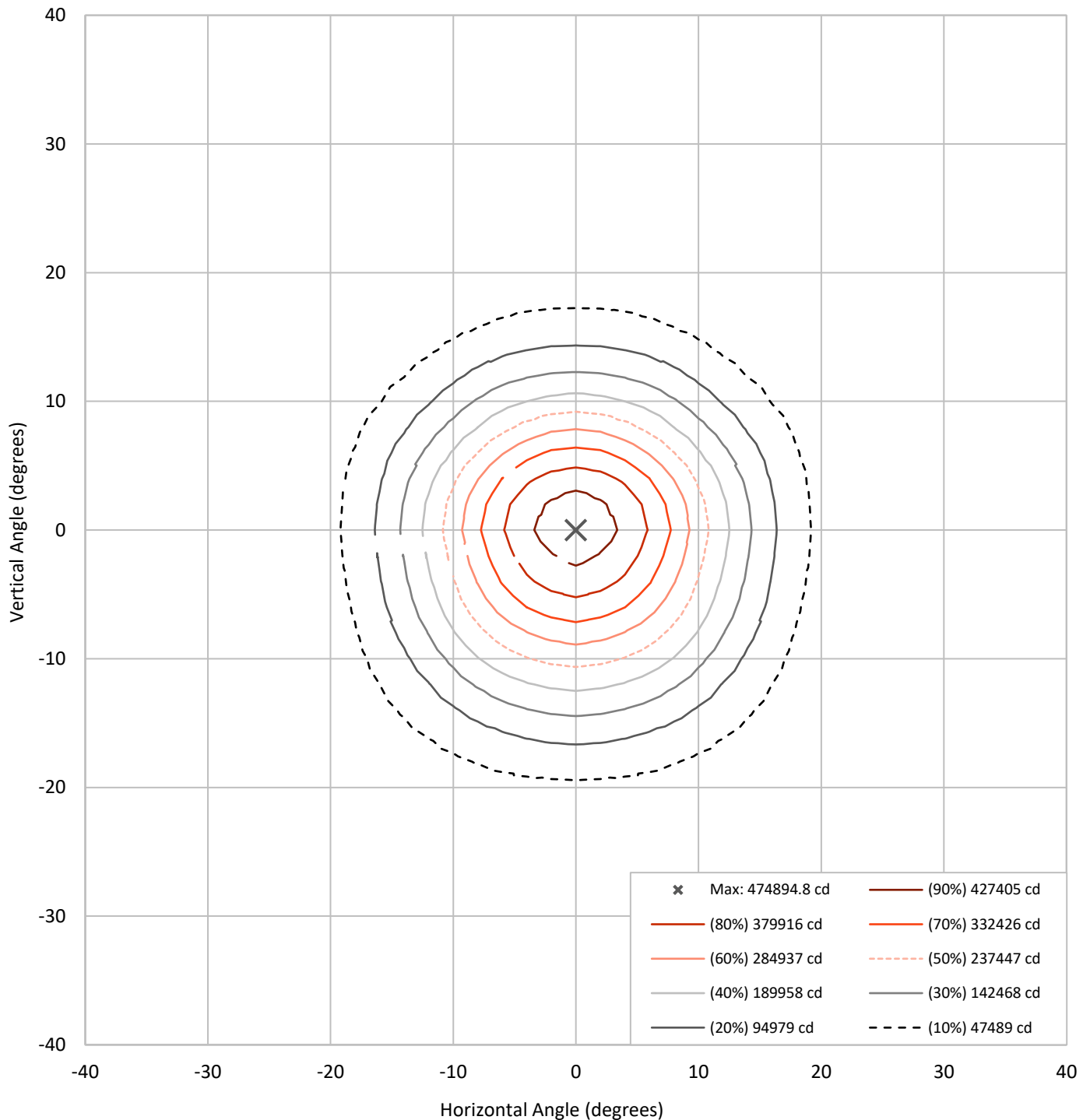
Test Method: LM-79-08
Report Number: P1306354 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-80-2S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 2S 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:	73514.7 lumens	Max Intensity:	474894.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	33985.2 lumens	Field Lumens:	63398.3 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	711		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





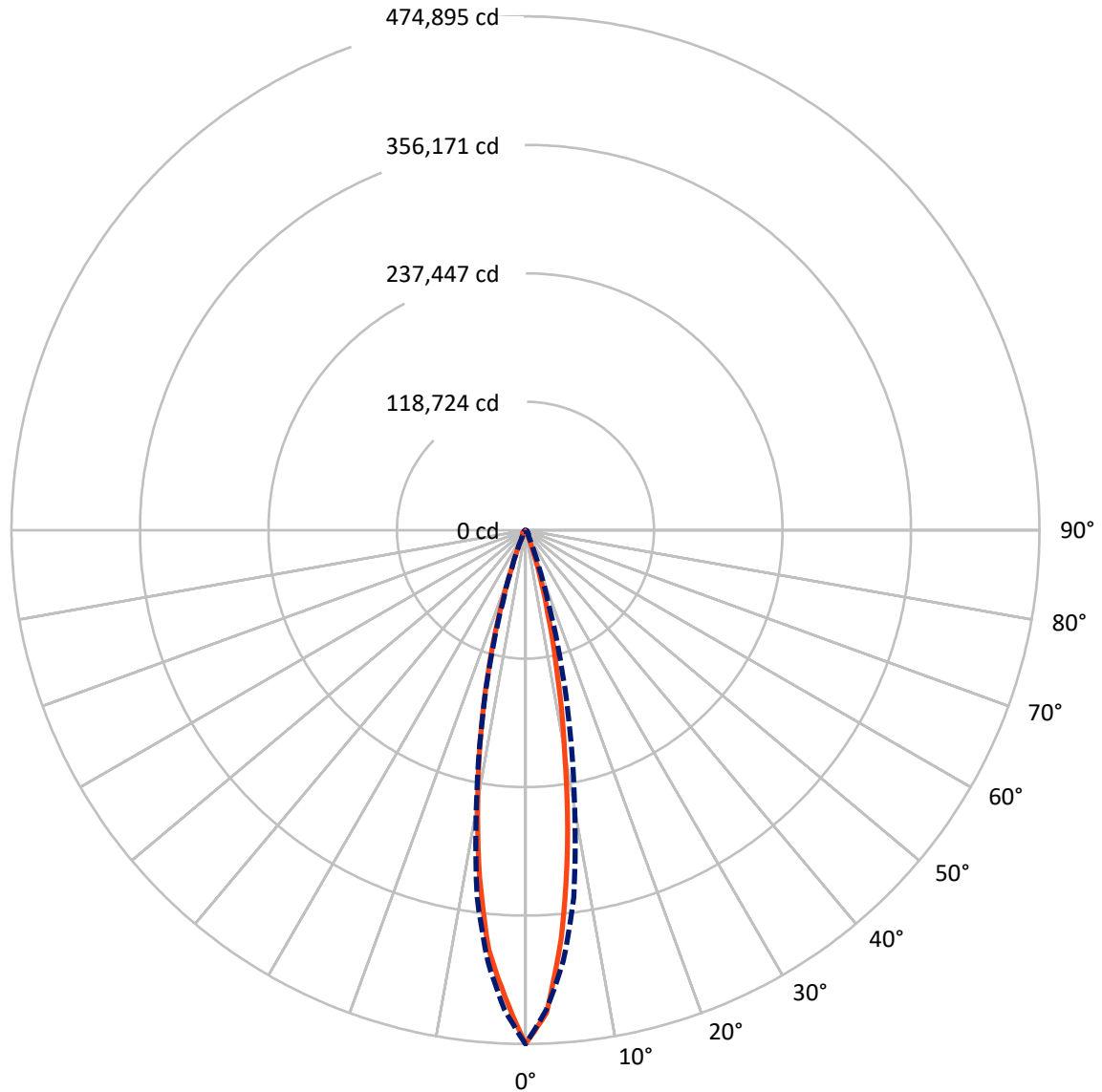
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Lumen Table

90	0.2	0.4		0.7		0.6		0.7		0.6		0.7		0.4		0.2			
80	0.2	0.4		0.7		0.6		0.7		0.6		0.7		0.4		0.2			
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.4	0.1				
50	0.2	0.2	0.5	0.6	0.7	1.0	1.3	1.5	1.5	1.3	1.0	0.7	0.6	0.5	0.2	0.2			
40		0.3	1.0	2.0	4.3	6.9	8.3	9.6	9.6	8.3	6.9	4.3	2.0	1.0	0.3				
30	0.3	0.5	3.0	10.3	27.3	40.1	70.2	154.4	154.4	70.2	40.1	27.3	10.3	3.0	0.5	0.3			
20		1.0	6.9	26.6	62.5	122.2	759.8	2370.6	2370.6	759.8	122.2	62.5	26.6	6.9	1.0				
10	0.4	1.9	11.8	49.2	102.1	329.0	3105.0	9248.6	9248.6	3105.0	329.0	102.1	49.2	11.8	1.9	0.4			
0		3.1	15.4	57.7	114.4	330.2	3290.7	9642.4	9642.4	3290.7	330.2	114.4	57.7	15.4	3.1				
-10	0.6	3.6	15.7	53.3	112.9	188.8	1211.6	3496.6	3496.6	1211.6	188.8	112.9	53.3	15.7	3.6	0.6			
-20		3.4	13.3	31.8	80.3	118.2	184.5	361.1	361.1	184.5	118.2	80.3	31.8	13.3	3.4				
-30	0.5	2.8	9.7	19.9	44.4	85.0	110.1	121.0	121.0	110.1	85.0	44.4	19.9	9.7	2.8	0.5			
-40		1.9	6.7	14.7	25.1	41.6	72.2	97.5	97.5	72.2	41.6	25.1	14.7	6.7	1.9				
-50	0.3	0.9	4.0	9.6	17.5	26.1	33.4	37.5	37.5	33.4	26.1	17.5	9.6	4.0	0.9	0.3			
-60		0.4	1.4	4.5	9.2	15.0	21.1	24.9	24.9	21.1	15.0	9.2	4.5	1.4	0.4				
-70	0.2	1.1		3.4		8.6		12.4		8.6		3.4		1.1		0.2			
-80		1.1		3.4		8.6		12.4		8.6		3.4		1.1					
-90	0.2	1.1		3.4		8.6		12.4		8.6		3.4		1.1		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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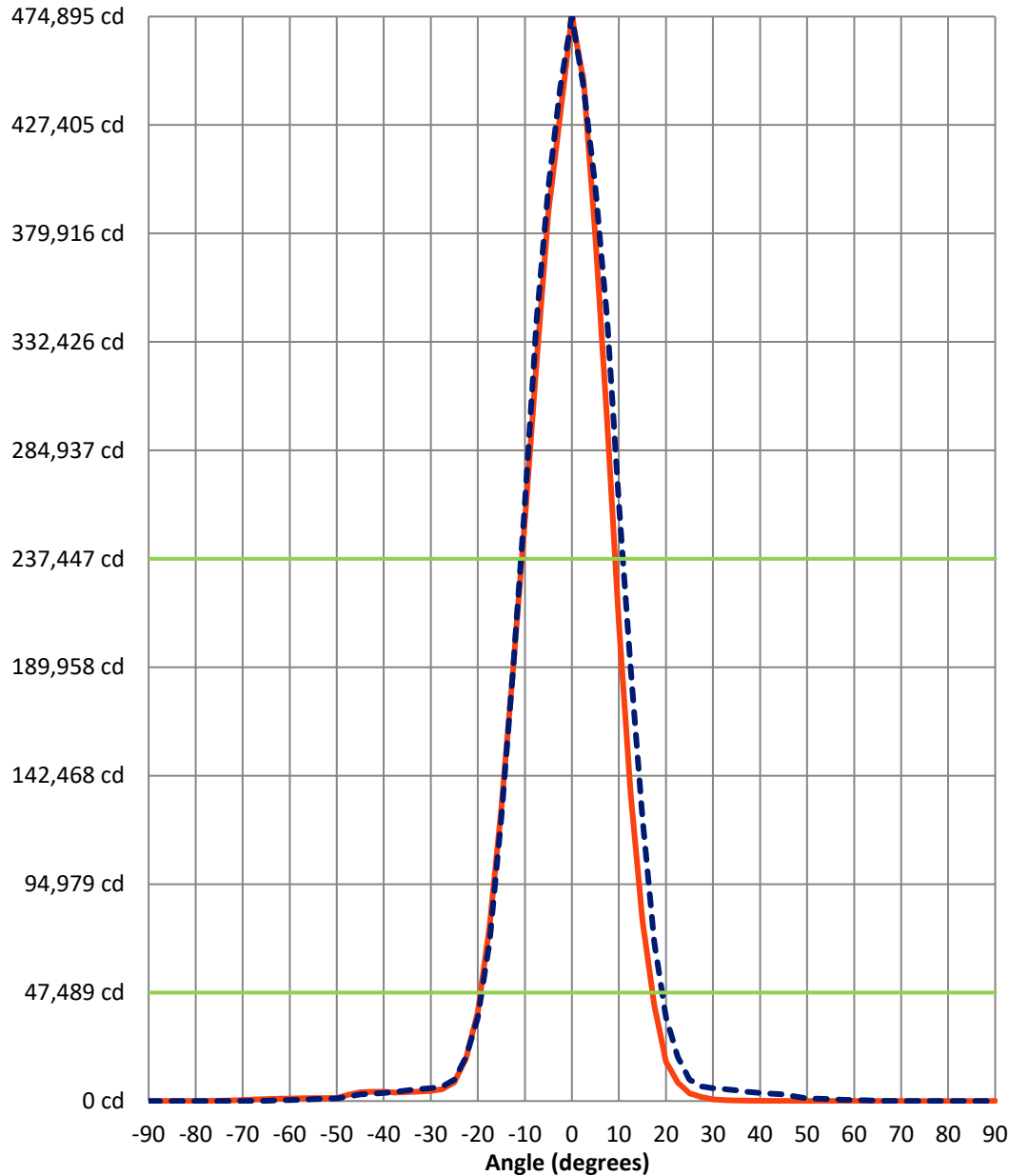
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.7°
 V Angle: 19.8°
 Lumens: 33985.2
 Efficiency: 46.2%

Field:
 H Angle: 38.4°
 V Angle: 36.6°
 Lumens: 63398.3
 Efficiency: 86.2%

Spill:
 Lumens: 10116.4
 Efficiency: 13.8%

— 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°	7.7	7.7	7.7	8.2	8.7	9.1	9.6	9.6	9.6	9.6	9.6
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	7.0	6.8	6.5
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.5	7.4	7.4	7.4
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8
67.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	8.0	7.9
65°	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.7	8.1	8.3	8.1
62.5°	7.7	7.7	7.7	7.7	7.7	7.9	7.9	8.0	8.6	8.6	8.2
60°	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.5	9.0	8.7	8.3
57.5°	7.7	7.7	7.7	7.7	7.9	8.3	8.4	9.1	9.2	8.8	8.4
55°	7.7	7.7	7.8	7.7	8.1	8.5	8.8	9.6	9.3	8.9	8.5
52.5°	7.7	7.7	7.8	7.7	8.3	8.7	9.1	9.6	9.4	9.0	8.6
50°	7.7	7.7	7.8	7.7	8.5	8.9	9.4	9.6	9.5	9.1	10.1
47.5°	7.7	7.7	7.9	7.7	8.7	9.1	9.6	9.6	9.6	9.2	11.5
45°	7.7	7.7	7.9	7.9	8.9	9.2	9.6	9.6	9.7	10.1	12.6
42.5°	7.7	7.7	8.0	8.1	9.2	9.4	9.6	9.7	9.8	10.7	14.1
40°	7.7	7.7	8.1	8.3	9.3	9.5	9.6	9.8	10.1	11.2	15.5
37.5°	7.7	7.7	8.1	8.5	9.4	9.6	9.6	10.0	10.9	12.4	16.7
35°	7.7	7.7	8.2	8.7	9.5	9.6	9.6	10.2	11.8	14.4	17.4
32.5°	7.7	7.7	8.3	8.9	9.6	9.6	9.7	10.5	12.7	16.4	19.1
30°	7.7	7.7	8.4	9.0	9.6	9.6	9.9	10.9	13.8	18.6	21.0
27.5°	7.7	7.7	8.5	9.1	9.6	9.6	10.1	11.7	15.1	20.7	23.3
25°	7.7	7.7	8.6	9.3	9.6	9.6	10.3	12.5	16.9	22.8	26.0
22.5°	7.7	7.7	8.7	9.3	9.6	9.6	10.5	13.4	18.6	24.8	30.9
20°	7.7	7.7	8.8	9.4	9.6	9.8	10.8	14.3	20.4	27.0	35.6
17.5°	7.7	7.7	8.9	9.5	9.6	9.9	11.1	15.1	22.1	29.3	40.0
15°	7.7	7.7	9.0	9.5	9.6	10.1	11.5	15.9	23.8	31.7	44.2
12.5°	7.7	7.7	9.1	9.6	9.6	10.4	11.9	16.7	25.4	34.1	48.0
10°	7.7	7.7	9.2	9.6	9.6	10.6	12.2	17.3	27.1	37.8	53.8
7.5°	7.7	7.7	9.3	9.6	9.6	10.8	12.5	17.9	28.6	41.9	64.7
5°	7.7	7.7	9.4	9.6	9.6	11.1	12.8	18.4	30.1	46.0	75.9
2.5°	7.7	7.7	9.5	9.6	9.6	11.3	13.1	18.8	31.4	49.9	87.1
0°	7.7	7.7	9.6	9.6	9.6	11.5	13.4	19.2	32.6	53.7	97.7
-2.5°	7.7	7.7	9.6	9.7	9.8	11.9	14.9	23.7	42.2	70.1	126.2
-5°	7.7	7.8	9.6	9.8	9.9	12.3	16.4	27.9	51.4	85.8	153.1
-7.5°	7.7	7.8	9.6	10.0	10.1	12.6	17.7	31.9	59.8	100.4	177.7
-10°	7.7	7.9	9.6	10.1	10.3	13.0	19.0	35.4	67.4	113.6	199.3
-12.5°	7.7	7.9	9.5	10.2	10.4	13.2	20.0	38.3	73.8	125.1	212.1
-15°	7.7	7.9	9.5	10.3	10.6	13.5	20.9	40.6	79.6	134.1	219.8
-17.5°	7.7	8.0	9.5	10.3	10.8	13.6	21.4	43.2	84.9	141.4	224.9
-20°	7.7	8.0	9.4	10.4	10.9	13.7	22.1	45.7	88.9	147.1	227.5



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 CATALOG NUMBER: EPH-08-680N-50-80-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	8.0	9.4	10.4	11.1	13.7	22.9	46.9	91.3	150.9	227.4
-25°	7.7	8.1	9.4	10.5	11.2	13.9	23.2	46.9	92.2	152.8	224.5
-27.5°	7.7	8.1	9.4	10.5	11.4	14.1	23.0	45.4	91.3	152.9	225.6
-30°	7.7	8.1	9.3	10.5	11.5	14.2	22.3	42.4	89.5	151.6	224.3
-32.5°	7.7	8.1	9.3	10.4	11.7	14.2	21.0	40.9	86.0	147.8	220.5
-35°	7.7	8.1	9.3	10.3	11.9	14.1	20.4	39.3	80.4	141.8	214.0
-37.5°	7.7	8.2	9.3	10.3	12.0	14.0	20.2	36.9	72.6	133.3	197.6
-40°	7.7	8.2	9.3	10.1	12.1	14.2	19.9	33.6	62.4	122.4	179.4
-42.5°	7.7	8.2	9.3	10.0	12.1	14.2	19.3	29.5	55.4	105.6	159.6
-45°	7.7	8.2	9.3	9.9	11.9	14.2	18.6	26.2	49.6	87.2	138.4
-47.5°	7.7	8.2	9.3	9.8	11.7	14.0	17.6	25.1	42.6	68.3	117.1
-50°	7.7	8.2	9.3	9.7	11.5	13.8	17.2	23.8	33.8	58.2	94.8
-52.5°	7.7	8.2	9.3	9.8	11.2	13.5	16.7	22.2	29.5	47.3	72.8
-55°	7.7	8.1	9.3	9.8	10.9	13.1	16.1	20.5	27.1	35.6	59.3
-57.5°	7.7	8.1	9.3	9.8	10.6	12.7	15.3	19.4	24.5	30.7	44.9
-60°	7.7	8.1	9.3	9.7	10.3	12.2	14.5	18.1	22.2	27.8	33.5
-62.5°	7.7	8.1	9.3	9.7	10.2	11.7	13.8	16.8	20.6	24.7	30.2
-65°	7.7	8.1	9.2	9.7	10.1	11.1	13.1	15.5	19.1	22.7	26.7
-67.5°	7.7	8.0	9.0	9.7	10.0	10.7	12.3	14.7	17.4	20.9	24.3
-70°	7.7	8.0	8.9	9.6	9.9	10.5	11.4	13.7	16.4	19.0	22.2
-72.5°	7.7	8.0	8.8	9.5	9.8	10.2	11.0	12.8	15.2	17.7	20.2
-75°	7.7	7.9	8.6	9.3	9.6	10.0	10.6	12.1	14.1	16.4	18.8
-77.5°	7.7	7.9	8.5	9.1	9.5	9.7	10.1	11.5	13.3	15.2	17.3
-80°	7.7	7.9	8.3	8.9	9.3	9.5	9.7	10.9	12.4	14.0	15.8
-82.5°	7.7	7.8	8.2	8.7	9.1	9.4	9.6	10.4	11.5	12.9	14.3
-85°	7.7	7.8	8.0	8.5	9.0	9.3	9.6	10.2	10.9	11.8	12.8
-87.5°	7.7	7.7	7.9	8.4	8.8	9.2	9.6	9.9	10.2	10.7	11.2
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.2	6.7	6.2	5.7



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 CATALOG NUMBER: EPH-08-680N-50-80-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.6	9.6	9.6	9.6	10.1	10.6	11.0	11.5	12.0	12.5	12.9
87.5°	6.4	6.2	6.0	5.7	5.7	5.7	5.7	5.7	5.2	4.8	4.3
85°	7.1	6.7	6.2	5.7	5.7	5.7	5.7	5.7	5.2	4.8	4.3
82.5°	7.2	6.7	6.2	5.7	5.7	5.7	5.7	5.7	5.3	4.8	4.3
80°	7.3	6.8	6.3	5.8	5.7	5.7	5.7	5.7	5.3	4.9	4.7
77.5°	7.3	6.8	6.3	5.8	5.8	6.1	6.4	6.7	6.7	6.5	6.2
75°	7.4	6.9	6.6	6.6	7.0	7.4	7.7	7.7	7.4	6.9	6.4
72.5°	7.5	7.3	7.3	7.7	7.7	7.7	7.7	7.7	8.6	9.9	10.8
70°	7.6	7.7	7.7	7.7	7.7	8.2	10.1	12.8	15.4	17.5	20.1
67.5°	7.7	7.7	7.7	7.9	9.3	11.4	14.4	22.1	30.8	33.6	33.5
65°	7.7	7.7	8.2	9.4	11.3	17.2	25.5	35.8	43.6	42.4	39.6
62.5°	7.7	8.0	9.0	11.8	17.2	24.9	33.0	40.4	47.7	46.5	40.5
60°	7.8	8.2	11.3	16.8	22.6	28.8	36.5	41.3	46.1	47.5	37.4
57.5°	7.9	9.9	15.2	21.0	26.3	30.8	33.7	37.9	40.7	41.2	30.8
55°	9.0	13.0	18.7	24.3	28.1	26.9	29.0	31.6	32.7	30.2	21.8
52.5°	11.4	15.8	21.6	26.3	26.8	24.7	24.2	25.3	23.4	20.0	17.3
50°	13.5	18.6	24.2	26.8	26.2	23.5	20.0	19.5	18.8	17.5	15.8
47.5°	15.6	21.1	26.0	27.7	25.8	23.4	19.3	18.8	18.9	20.0	18.9
45°	17.7	22.7	27.6	27.9	26.5	24.6	22.9	20.9	24.6	25.8	25.7
42.5°	19.5	23.7	28.1	28.5	29.2	28.8	28.3	30.4	32.6	34.6	35.3
40°	20.2	24.4	29.5	33.3	33.4	34.9	38.8	42.4	42.6	45.2	46.7
37.5°	20.5	26.7	33.8	42.2	39.7	44.4	51.0	61.0	62.4	56.6	64.7
35°	20.5	30.1	45.1	55.0	53.7	56.9	72.6	87.2	93.9	84.4	97.4
32.5°	22.5	34.4	59.7	70.2	79.9	83.5	98.8	127.8	143.9	150.0	160.9
30°	27.3	47.8	76.5	87.8	115.1	133.3	146.0	180.6	210.3	300.1	366.8
27.5°	33.3	64.3	93.2	119.2	159.4	190.7	218.0	253.6	362.5	526.1	696.2
25°	39.1	86.4	111.5	159.9	214.5	256.8	294.2	344.7	572.7	908.1	1051.4
22.5°	50.9	111.7	140.6	205.8	274.6	324.7	379.1	515.6	823.5	1327.6	1386.6
20°	70.2	136.2	180.5	257.1	341.2	392.7	464.9	695.0	1107.5	1492.6	1652.4
17.5°	90.9	162.9	224.2	317.8	419.7	478.1	562.4	867.7	1352.1	1695.0	1909.2
15°	112.4	191.4	266.1	384.2	502.8	583.3	757.6	1105.0	1545.3	1932.1	2244.4
12.5°	134.3	220.9	306.2	454.7	589.8	687.2	994.2	1466.8	1869.1	2231.4	2655.3
10°	155.9	250.9	344.1	527.1	679.1	789.2	1254.6	1834.5	2229.6	2583.8	3018.5
7.5°	199.2	291.2	384.0	599.3	768.9	888.7	1527.0	2200.0	2560.2	2892.8	3319.2
5°	246.5	340.8	445.4	685.4	858.9	980.3	1775.0	2553.4	2865.1	3164.9	3581.5
2.5°	292.6	388.1	504.8	767.9	944.9	1059.8	1902.0	2747.4	3059.0	3373.6	3807.9
0°	335.3	433.0	561.4	843.1	1025.1	1134.3	1994.7	2910.5	3221.0	3548.6	4006.6
-2.5°	370.9	478.7	621.1	878.8	1047.4	1153.3	1964.2	2909.0	3281.4	3645.3	4119.2
-5°	400.7	521.5	676.2	908.3	1065.3	1168.9	1903.9	2863.0	3331.2	3722.7	4204.2
-7.5°	424.0	560.9	725.7	931.3	1076.3	1176.7	1877.4	2882.2	3420.3	3790.7	4259.7
-10°	436.7	576.5	729.4	930.3	1078.3	1178.5	1818.7	2842.7	3494.3	3851.2	4283.2
-12.5°	419.7	570.0	719.9	920.8	1078.9	1177.8	1705.9	2738.3	3554.9	3908.9	4261.8
-15°	400.8	560.2	704.4	901.9	1079.0	1175.0	1533.5	2564.5	3520.5	3805.8	4172.4
-17.5°	381.1	547.1	682.7	873.2	1079.4	1170.4	1288.4	2191.4	3177.0	3587.6	4028.3
-20°	361.4	530.5	654.6	834.3	1073.7	1139.0	1193.8	1812.6	2676.2	3310.1	3755.5



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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°	342.6	510.7	625.9	797.1	990.5	1084.9	1137.0	1445.9	2160.6	2972.9	3348.0
-25°	332.4	481.3	601.0	740.1	903.6	1028.6	1073.5	1137.6	1705.3	2439.9	2976.0
-27.5°	327.2	455.7	567.7	683.5	823.1	961.1	1009.6	1065.4	1354.3	1918.2	2585.3
-30°	318.6	423.0	532.5	631.8	756.6	874.5	945.4	1009.2	1087.7	1511.3	2039.0
-32.5°	299.5	389.1	494.4	591.1	694.7	799.1	898.7	968.4	1032.4	1147.2	1564.6
-35°	277.0	360.5	454.6	549.0	636.4	738.3	841.9	933.0	984.8	1038.2	1222.3
-37.5°	258.3	330.1	414.1	505.2	589.4	681.8	782.3	878.5	950.1	998.9	1068.7
-40°	238.2	298.1	377.5	460.5	542.9	626.3	718.8	812.3	901.6	976.2	1032.5
-42.5°	216.6	274.2	341.0	415.4	494.2	572.7	653.4	742.3	836.3	933.6	1006.5
-45°	192.9	249.0	304.7	374.2	444.1	517.1	592.2	670.8	765.8	859.0	951.5
-47.5°	167.4	221.9	275.6	332.5	396.9	462.0	529.2	609.2	692.9	780.8	867.6
-50°	141.0	191.8	245.7	297.5	352.3	410.0	469.8	548.6	628.4	704.5	782.4
-52.5°	115.6	159.9	211.5	263.8	312.4	363.1	420.5	489.7	564.3	638.0	707.3
-55°	89.3	130.2	174.6	225.1	275.1	320.4	374.4	435.9	498.8	568.7	636.0
-57.5°	68.9	100.2	139.1	182.3	230.7	280.5	331.9	383.7	441.1	500.3	558.3
-60°	51.3	74.2	103.9	141.2	181.4	230.0	286.2	337.6	386.3	434.7	487.6
-62.5°	35.6	53.5	74.6	100.4	135.4	175.3	223.5	276.7	333.4	376.3	418.7
-65°	31.7	36.7	51.3	70.5	90.0	123.1	161.4	203.3	251.4	295.3	341.0
-67.5°	27.8	32.2	36.9	44.5	61.8	80.1	99.7	133.7	170.2	201.6	234.3
-70°	25.1	27.8	31.6	35.9	40.3	47.7	63.8	80.8	97.7	116.0	142.3
-72.5°	22.7	25.2	27.6	30.0	33.7	37.4	41.0	44.5	54.2	67.5	79.6
-75°	20.6	22.5	24.7	27.0	28.9	31.0	33.5	36.6	39.6	42.7	46.1
-77.5°	18.6	19.9	21.6	23.6	25.1	26.4	27.9	29.8	31.7	33.6	35.4
-80°	16.6	17.2	18.1	19.4	20.7	21.9	23.0	23.9	24.9	26.3	27.9
-82.5°	14.9	15.3	15.7	16.1	16.9	17.8	18.8	19.8	20.5	21.2	21.9
-85°	13.1	13.4	13.7	14.0	14.3	14.8	15.2	15.8	16.1	16.5	16.8
-87.5°	11.4	11.5	11.6	11.8	12.1	12.4	12.6	12.8	13.0	13.2	13.3
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.2	4.8	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°	13.4	13.4	13.4	13.4	13.4	16.3	19.1	22.0	24.9	29.2	33.5
87.5°	3.8	3.7	3.7	3.6	3.6	3.2	2.8	2.4	1.9	1.4	1.0
85°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9
82.5°	3.8	3.8	3.8	3.8	3.8	3.4	2.9	2.4	1.9	1.9	1.9
80°	4.4	4.4	4.3	4.1	3.8	3.4	2.9	2.4	1.9	1.9	1.9
77.5°	5.8	5.3	4.9	4.4	3.9	3.7	3.5	3.5	3.5	3.2	2.8
75°	5.9	5.7	5.9	5.6	4.9	4.6	4.5	4.2	3.9	3.7	3.7
72.5°	11.5	11.6	10.8	10.2	9.2	8.6	8.4	7.9	7.1	6.7	6.5
70°	21.0	20.6	19.8	18.2	15.5	13.4	12.2	10.9	9.6	9.2	9.2
67.5°	30.5	27.4	24.9	21.8	18.1	15.3	13.8	12.2	10.4	9.6	9.6
65°	35.4	28.9	24.6	21.3	18.9	16.1	13.7	11.4	9.3	8.4	8.6
62.5°	33.5	25.0	19.8	16.7	14.5	13.0	11.1	9.5	8.3	7.8	7.8
60°	27.8	18.6	14.0	12.5	11.1	9.7	9.1	8.3	7.3	6.4	6.7
57.5°	21.6	14.9	11.4	10.9	10.3	9.8	9.0	8.1	7.5	7.0	7.4
55°	16.1	13.3	11.6	11.7	11.4	10.5	9.5	9.4	9.2	8.9	9.1
52.5°	14.1	14.0	14.5	14.3	13.0	12.0	11.4	11.4	11.6	11.9	12.4
50°	16.0	16.6	16.3	15.0	14.7	14.3	13.4	14.2	15.3	15.7	16.1
47.5°	19.1	19.4	19.7	18.4	18.7	20.1	20.4	21.0	23.1	24.7	26.2
45°	24.6	26.7	27.2	28.0	28.5	31.4	32.9	33.6	39.6	42.4	42.8
42.5°	35.4	38.7	41.4	45.5	44.9	52.1	61.3	66.3	65.9	64.0	63.9
40°	51.9	57.6	70.2	76.9	84.2	92.6	93.4	83.2	83.4	93.7	93.1
37.5°	79.9	99.6	117.5	133.3	137.2	132.4	134.2	141.9	151.2	152.1	156.6
35°	134.8	174.5	183.8	195.9	209.2	196.6	195.0	207.5	203.3	224.8	240.3
32.5°	233.0	289.4	306.6	321.2	358.4	336.9	277.5	364.0	344.6	368.7	405.4
30°	370.7	481.6	556.2	578.5	587.8	590.4	646.4	695.9	735.1	787.5	861.8
27.5°	702.0	775.6	899.6	969.1	881.6	917.8	1061.3	1087.3	1235.2	1396.1	1528.0
25°	1067.6	1150.1	1370.7	1398.4	1325.3	1459.7	1598.6	1627.3	1888.2	2077.6	2531.0
22.5°	1398.0	1536.3	1772.4	1839.5	1900.4	2060.1	2221.5	2413.8	3001.6	3730.5	5053.1
20°	1677.7	1832.0	2062.8	2249.2	2401.3	2605.1	2793.1	3450.0	4716.1	7485.1	10497.1
17.5°	2016.3	2111.9	2397.2	2646.3	2884.8	3176.7	4007.6	5666.8	9332.0	15365.4	21083.9
15°	2472.5	2662.6	2839.5	3109.2	3554.6	4403.7	6236.9	11641.9	19309.5	29833.4	42868.7
12.5°	2998.5	3260.6	3506.1	3734.8	4373.7	6376.7	12226.0	21598.8	34488.3	51393.9	76976.5
10°	3468.2	3868.7	4170.0	4569.2	5806.6	9701.7	18731.5	31982.1	54631.3	84501.9	117887.3
7.5°	3794.3	4270.2	4676.6	5270.1	7287.8	13886.6	26386.9	47022.1	79217.2	119465.9	164502.0
5°	4104.6	4641.2	5040.1	5770.1	8267.1	16793.7	32189.5	59558.4	103281.3	156464.3	214285.9
2.5°	4397.7	4968.8	5361.0	6218.1	8885.4	18118.7	34619.8	67351.9	118846.9	181842.2	250514.5
0°	4669.5	5209.9	5619.9	6428.5	9408.0	19390.9	36687.5	69864.7	124105.5	189314.1	261543.3
-2.5°	4618.8	5020.5	5474.5	6285.0	8910.9	18026.8	34277.9	66913.2	117931.7	180394.6	246833.1
-5°	4601.1	4926.8	5336.7	6071.4	8297.0	15576.4	30444.0	60249.3	107815.9	164107.3	225988.9
-7.5°	4614.6	4873.3	5193.7	5801.3	7555.6	13169.6	26469.7	52228.7	91517.4	139177.9	195059.4
-10°	4643.6	4843.7	5168.5	5703.0	6931.0	10526.3	20032.1	40239.9	71956.0	109863.9	153407.0
-12.5°	4693.7	4963.2	5289.3	5652.4	6303.2	8384.2	15754.7	31237.1	53202.0	79833.9	112966.5
-15°	4676.5	5024.0	5392.3	5616.6	5970.9	7129.2	10219.1	20625.6	36811.3	54474.2	74525.6
-17.5°	4550.5	4966.6	5128.4	5302.4	5518.0	6088.6	7813.2	12439.5	21656.4	33261.8	44543.0
-20°	4258.1	4468.6	4671.1	4878.7	5117.4	5432.3	5968.8	7770.9	10469.8	17055.3	22560.7



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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°	3709.3	3911.8	4087.2	4424.1	4665.1	4896.4	5191.8	5581.8	6619.9	8250.4	10960.5
-25°	3238.4	3363.3	3610.0	4003.3	4262.3	4400.8	4586.1	4734.0	5089.9	5468.6	6404.6
-27.5°	2862.1	3049.2	3353.3	3697.8	3946.0	4057.5	4154.9	4241.8	4465.3	4620.1	4885.9
-30°	2564.4	2867.3	3152.3	3467.5	3695.8	3828.2	3869.7	3995.2	4140.9	4251.4	4359.1
-32.5°	2137.3	2670.3	2929.4	3190.4	3448.3	3611.4	3723.1	3822.0	3958.8	4043.6	4086.0
-35°	1677.4	2223.1	2733.4	2908.5	3095.9	3330.1	3520.8	3621.4	3711.3	3793.1	3844.8
-37.5°	1265.9	1712.9	2187.9	2615.1	2815.8	2991.0	3268.3	3436.2	3517.8	3639.8	3709.2
-40°	1097.8	1224.7	1630.0	2030.0	2390.1	2789.2	3059.0	3317.8	3573.7	3730.4	3832.2
-42.5°	1060.2	1112.0	1160.1	1440.5	1800.4	2162.1	2559.7	2998.7	3365.9	3642.4	3899.3
-45°	1029.8	1069.2	1107.9	1151.8	1194.0	1470.6	1781.5	2108.7	2531.2	2940.2	3293.3
-47.5°	951.3	1025.9	1069.5	1102.5	1136.9	1175.2	1210.4	1284.7	1568.7	1870.8	2157.7
-50°	862.1	936.0	1002.2	1063.5	1107.8	1137.5	1159.7	1188.7	1222.6	1252.8	1280.5
-52.5°	774.3	845.9	913.2	979.8	1042.3	1099.8	1152.9	1186.4	1212.1	1234.7	1248.7
-55°	700.4	762.3	822.5	888.4	952.6	1013.7	1071.4	1123.3	1172.0	1217.6	1243.7
-57.5°	619.7	680.5	740.9	801.7	860.3	916.5	972.1	1026.4	1077.9	1124.8	1153.4
-60°	539.7	590.9	650.9	713.4	771.7	826.1	881.5	934.1	982.8	1024.1	1049.6
-62.5°	464.7	512.4	562.3	617.8	677.8	736.4	785.8	835.5	885.2	928.0	957.2
-65°	385.1	425.1	465.6	509.0	555.0	603.0	652.3	700.8	748.1	786.8	814.6
-67.5°	272.5	312.2	350.8	389.5	424.8	460.2	498.0	536.2	574.1	605.2	629.7
-70°	168.0	192.8	216.2	241.3	270.8	301.6	333.1	362.5	389.8	410.0	424.9
-72.5°	90.6	100.6	112.6	131.4	148.9	167.3	186.4	204.6	221.8	234.6	244.1
-75°	49.6	54.1	61.9	69.3	76.2	84.3	92.7	100.5	107.7	114.9	121.5
-77.5°	37.6	39.9	41.9	43.7	45.3	48.2	51.4	54.7	58.0	62.4	66.9
-80°	29.3	30.5	31.6	32.8	33.9	35.9	38.0	40.1	42.1	44.2	46.1
-82.5°	22.6	23.2	23.7	24.2	24.7	26.0	27.3	28.6	29.9	31.9	34.0
-85°	17.1	17.5	17.9	18.2	18.5	19.5	20.5	21.5	22.6	24.1	25.7
-87.5°	13.4	13.8	14.2	14.7	15.1	15.8	16.4	17.0	17.5	18.9	20.3
-90°	3.8	3.3	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.4	1.0



REPORT NUMBER: P1306354 (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°	37.9	42.2	45.0	47.9	45.0	42.2	37.9	33.5	29.2	24.9	22.0
87.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.2	3.5	3.5
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.9	4.2
72.5°	6.1	5.7	5.7	5.7	5.7	5.7	6.1	6.5	6.7	7.1	7.9
70°	9.4	9.5	9.6	9.6	9.6	9.5	9.4	9.2	9.2	9.6	10.9
67.5°	9.6	9.6	8.7	7.7	8.7	9.6	9.6	9.6	9.6	10.4	12.2
65°	9.0	9.5	8.7	7.7	8.7	9.5	9.0	8.6	8.4	9.3	11.4
62.5°	7.8	7.8	7.7	7.7	7.7	7.8	7.8	7.8	7.8	8.3	9.5
60°	7.1	7.6	7.7	7.7	7.7	7.6	7.1	6.7	6.4	7.3	8.3
57.5°	7.6	7.7	8.5	9.6	8.5	7.7	7.6	7.4	7.0	7.5	8.1
55°	9.3	9.5	9.6	9.6	9.6	9.5	9.3	9.1	8.9	9.2	9.4
52.5°	12.8	13.1	13.3	13.4	13.3	13.1	12.8	12.4	11.9	11.6	11.4
50°	16.6	16.9	16.5	15.3	16.5	16.9	16.6	16.1	15.7	15.3	14.2
47.5°	27.5	28.1	27.9	26.8	27.9	28.1	27.5	26.2	24.7	23.1	21.0
45°	43.9	43.9	43.8	44.1	43.8	43.9	43.9	42.8	42.4	39.6	33.6
42.5°	65.6	66.3	66.6	67.1	66.6	66.3	65.6	63.9	64.0	65.9	66.3
40°	94.9	95.4	94.2	92.0	94.2	95.4	94.9	93.1	93.7	83.4	83.2
37.5°	164.6	168.3	167.4	164.8	167.4	168.3	164.6	156.6	152.1	151.2	141.9
35°	245.8	243.6	237.1	237.6	237.1	243.6	245.8	240.3	224.8	203.3	207.5
32.5°	384.0	397.8	402.1	404.3	402.1	397.8	384.0	405.4	368.7	344.6	364.0
30°	914.2	886.5	763.9	726.2	763.9	886.5	914.2	861.8	787.5	735.1	695.9
27.5°	1624.0	1711.4	1791.5	1799.2	1791.5	1711.4	1624.0	1528.0	1396.1	1235.2	1087.3
25°	2999.1	3293.7	3417.8	3401.1	3417.8	3293.7	2999.1	2531.0	2077.6	1888.2	1627.3
22.5°	6617.0	7622.4	8146.5	8164.5	8146.5	7622.4	6617.0	5053.1	3730.5	3001.6	2413.8
20°	14438.1	16864.7	17477.6	17294.7	17477.6	16864.7	14438.1	10497.1	7485.1	4716.1	3450.0
17.5°	29769.9	36948.5	41849.4	42186.7	41849.4	36948.5	29769.9	21083.9	15365.4	9332.0	5666.8
15°	57941.2	71136.9	77979.9	79142.4	77979.9	71136.9	57941.2	42868.7	29833.4	19309.5	11641.9
12.5°	101218.9	121303.7	132478.8	134391.2	132478.8	121303.7	101218.9	76976.5	51393.9	34488.3	21598.8
10°	154390.8	182404.2	200619.1	208841.1	200619.1	182404.2	154390.8	117887.3	84501.9	54631.3	31982.1
7.5°	208949.3	253082.3	289124.1	297295.7	289124.1	253082.3	208949.3	164502.0	119465.9	79217.2	47022.1
5°	276445.5	335621.0	370232.6	378225.9	370232.6	335621.0	276445.5	214285.9	156464.3	103281.3	59558.4
2.5°	326497.8	390121.5	426398.2	446333.5	426398.2	390121.5	326497.8	250514.5	181842.2	118846.9	67351.9
0°	342030.8	399923.7	443536.0	474894.8	443536.0	399923.7	342030.8	261543.3	189314.1	124105.5	69864.7
-2.5°	321006.5	382391.2	414036.6	431666.7	414036.6	382391.2	321006.5	246833.1	180394.6	117931.7	66913.2
-5°	287559.0	343985.3	378496.9	389136.1	378496.9	343985.3	287559.0	225988.9	164107.3	107815.9	60249.3
-7.5°	243738.3	284944.9	310790.7	323823.1	310790.7	284944.9	243738.3	195059.4	139177.9	91517.4	52228.7
-10°	196306.3	227580.1	246858.4	254068.6	246858.4	227580.1	196306.3	153407.0	109863.9	71956.0	40239.9
-12.5°	143781.9	168690.9	183501.6	189215.4	183501.6	168690.9	143781.9	112966.5	79833.9	53202.0	31237.1
-15°	94902.8	112858.5	124250.8	128229.0	124250.8	112858.5	94902.8	74525.6	54474.2	36811.3	20625.6
-17.5°	57520.4	67432.0	74806.6	76666.8	74806.6	67432.0	57520.4	44543.0	33261.8	21656.4	12439.5
-20°	30438.8	34899.0	37389.9	39074.9	37389.9	34899.0	30438.8	22560.7	17055.3	10469.8	7770.9



REPORT NUMBER: P1306354 (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°
-22.5°	14430.3	16859.4	17978.8	18833.3	17978.8	16859.4	14430.3	10960.5	8250.4	6619.9	5581.8
-25°	7221.8	7724.3	7943.0	8248.8	7943.0	7724.3	7221.8	6404.6	5468.6	5089.9	4734.0
-27.5°	5065.5	5183.4	5229.9	5267.3	5229.9	5183.4	5065.5	4885.9	4620.1	4465.3	4241.8
-30°	4414.3	4433.7	4430.8	4428.1	4430.8	4433.7	4414.3	4359.1	4251.4	4140.9	3995.2
-32.5°	4131.9	4152.5	4151.0	4148.3	4151.0	4152.5	4131.9	4086.0	4043.6	3958.8	3822.0
-35°	3878.0	3904.8	3918.1	3924.2	3918.1	3904.8	3878.0	3844.8	3793.1	3711.3	3621.4
-37.5°	3747.9	3753.6	3738.4	3721.1	3738.4	3753.6	3747.9	3709.2	3639.8	3517.8	3436.2
-40°	3882.2	3973.3	4064.8	4092.8	4064.8	3973.3	3882.2	3832.2	3730.4	3573.7	3317.8
-42.5°	3983.9	4042.4	4068.8	4060.2	4068.8	4042.4	3983.9	3899.3	3642.4	3365.9	2998.7
-45°	3526.7	3708.0	3815.5	3841.8	3815.5	3708.0	3526.7	3293.3	2940.2	2531.2	2108.7
-47.5°	2398.3	2601.5	2729.4	2770.7	2729.4	2601.5	2398.3	2157.7	1870.8	1568.7	1284.7
-50°	1307.3	1332.9	1341.3	1333.6	1341.3	1332.9	1307.3	1280.5	1252.8	1222.6	1188.7
-52.5°	1262.5	1277.7	1287.5	1293.4	1287.5	1277.7	1262.5	1248.7	1234.7	1212.1	1186.4
-55°	1266.0	1285.5	1296.2	1301.0	1296.2	1285.5	1266.0	1243.7	1217.6	1172.0	1123.3
-57.5°	1178.6	1200.5	1211.0	1214.8	1211.0	1200.5	1178.6	1153.4	1124.8	1077.9	1026.4
-60°	1072.7	1093.5	1101.6	1103.7	1101.6	1093.5	1072.7	1049.6	1024.1	982.8	934.1
-62.5°	984.3	1008.9	1019.3	1023.2	1019.3	1008.9	984.3	957.2	928.0	885.2	835.5
-65°	839.1	860.0	867.1	868.0	867.1	860.0	839.1	814.6	786.8	748.1	700.8
-67.5°	651.7	670.6	677.3	678.3	677.3	670.6	651.7	629.7	605.2	574.1	536.2
-70°	436.9	445.9	449.8	450.3	449.8	445.9	436.9	424.9	410.0	389.8	362.5
-72.5°	251.5	257.0	258.8	258.7	258.8	257.0	251.5	244.1	234.6	221.8	204.6
-75°	127.4	132.5	133.8	134.1	133.8	132.5	127.4	121.5	114.9	107.7	100.5
-77.5°	71.4	75.9	76.5	76.6	76.5	75.9	71.4	66.9	62.4	58.0	54.7
-80°	47.9	49.6	49.8	49.8	49.8	49.6	47.9	46.1	44.2	42.1	40.1
-82.5°	36.1	38.2	38.3	38.3	38.3	38.2	36.1	34.0	31.9	29.9	28.6
-85°	27.2	28.6	29.7	30.7	29.7	28.6	27.2	25.7	24.1	22.6	21.5
-87.5°	21.7	23.1	24.0	24.9	24.0	23.1	21.7	20.3	18.9	17.5	17.0
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	19.1	16.3	13.4	13.4	13.4	13.4	13.4	12.9	12.5	12.0	11.5
87.5°	2.8	3.2	3.6	3.6	3.7	3.7	3.8	4.3	4.8	5.2	5.7
85°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.2	5.7
82.5°	2.9	3.4	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.3	5.7
80°	2.9	3.4	3.8	4.1	4.3	4.4	4.4	4.7	4.9	5.3	5.7
77.5°	3.5	3.7	3.9	4.4	4.9	5.3	5.8	6.2	6.5	6.7	6.7
75°	4.5	4.6	4.9	5.6	5.9	5.7	5.9	6.4	6.9	7.4	7.7
72.5°	8.4	8.6	9.2	10.2	10.8	11.6	11.5	10.8	9.9	8.6	7.7
70°	12.2	13.4	15.5	18.2	19.8	20.6	21.0	20.1	17.5	15.4	12.8
67.5°	13.8	15.3	18.1	21.8	24.9	27.4	30.5	33.5	33.6	30.8	22.1
65°	13.7	16.1	18.9	21.3	24.6	28.9	35.4	39.6	42.4	43.6	35.8
62.5°	11.1	13.0	14.5	16.7	19.8	25.0	33.5	40.5	46.5	47.7	40.4
60°	9.1	9.7	11.1	12.5	14.0	18.6	27.8	37.4	47.5	46.1	41.3
57.5°	9.0	9.8	10.3	10.9	11.4	14.9	21.6	30.8	41.2	40.7	37.9
55°	9.5	10.5	11.4	11.7	11.6	13.3	16.1	21.8	30.2	32.7	31.6
52.5°	11.4	12.0	13.0	14.3	14.5	14.0	14.1	17.3	20.0	23.4	25.3
50°	13.4	14.3	14.7	15.0	16.3	16.6	16.0	15.8	17.5	18.8	19.5
47.5°	20.4	20.1	18.7	18.4	19.7	19.4	19.1	18.9	20.0	18.9	18.8
45°	32.9	31.4	28.5	28.0	27.2	26.7	24.6	25.7	25.8	24.6	20.9
42.5°	61.3	52.1	44.9	45.5	41.4	38.7	35.4	35.3	34.6	32.6	30.4
40°	93.4	92.6	84.2	76.9	70.2	57.6	51.9	46.7	45.2	42.6	42.4
37.5°	134.2	132.4	137.2	133.3	117.5	99.6	79.9	64.7	56.6	62.4	61.0
35°	195.0	196.6	209.2	195.9	183.8	174.5	134.8	97.4	84.4	93.9	87.2
32.5°	277.5	336.9	358.4	321.2	306.6	289.4	233.0	160.9	150.0	143.9	127.8
30°	646.4	590.4	587.8	578.5	556.2	481.6	370.7	366.8	300.1	210.3	180.6
27.5°	1061.3	917.8	881.6	969.1	899.6	775.6	702.0	696.2	526.1	362.5	253.6
25°	1598.6	1459.7	1325.3	1398.4	1370.7	1150.1	1067.6	1051.4	908.1	572.7	344.7
22.5°	2221.5	2060.1	1900.4	1839.5	1772.4	1536.3	1398.0	1386.6	1327.6	823.5	515.6
20°	2793.1	2605.1	2401.3	2249.2	2062.8	1832.0	1677.7	1652.4	1492.6	1107.5	695.0
17.5°	4007.6	3176.7	2884.8	2646.3	2397.2	2111.9	2016.3	1909.2	1695.0	1352.1	867.7
15°	6236.9	4403.7	3554.6	3109.2	2839.5	2662.6	2472.5	2244.4	1932.1	1545.3	1105.0
12.5°	12226.0	6376.7	4373.7	3734.8	3506.1	3260.6	2998.5	2655.3	2231.4	1869.1	1466.8
10°	18731.5	9701.7	5806.6	4569.2	4170.0	3868.7	3468.2	3018.5	2583.8	2229.6	1834.5
7.5°	26386.9	13886.6	7287.8	5270.1	4676.6	4270.2	3794.3	3319.2	2892.8	2560.2	2200.0
5°	32189.5	16793.7	8267.1	5770.1	5040.1	4641.2	4104.6	3581.5	3164.9	2865.1	2553.4
2.5°	34619.8	18118.7	8885.4	6218.1	5361.0	4968.8	4397.7	3807.9	3373.6	3059.0	2747.4
0°	36687.5	19390.9	9408.0	6428.5	5619.9	5209.9	4669.5	4006.6	3548.6	3221.0	2910.5
-2.5°	34277.9	18026.8	8910.9	6285.0	5474.5	5020.5	4618.8	4119.2	3645.3	3281.4	2909.0
-5°	30444.0	15576.4	8297.0	6071.4	5336.7	4926.8	4601.1	4204.2	3722.7	3331.2	2863.0
-7.5°	26469.7	13169.6	7555.6	5801.3	5193.7	4873.3	4614.6	4259.7	3790.7	3420.3	2882.2
-10°	20032.1	10526.3	6931.0	5703.0	5168.5	4843.7	4643.6	4283.2	3851.2	3494.3	2842.7
-12.5°	15754.7	8384.2	6303.2	5652.4	5289.3	4963.2	4693.7	4261.8	3908.9	3554.9	2738.3
-15°	10219.1	7129.2	5970.9	5616.6	5392.3	5024.0	4676.5	4172.4	3805.8	3520.5	2564.5
-17.5°	7813.2	6088.6	5518.0	5302.4	5128.4	4966.6	4550.5	4028.3	3587.6	3177.0	2191.4
-20°	5968.8	5432.3	5117.4	4878.7	4671.1	4468.6	4258.1	3755.5	3310.1	2676.2	1812.6



REPORT NUMBER: P1306354 (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°	5191.8	4896.4	4665.1	4424.1	4087.2	3911.8	3709.3	3348.0	2972.9	2160.6	1445.9
-25°	4586.1	4400.8	4262.3	4003.3	3610.0	3363.3	3238.4	2976.0	2439.9	1705.3	1137.6
-27.5°	4154.9	4057.5	3946.0	3697.8	3353.3	3049.2	2862.1	2585.3	1918.2	1354.3	1065.4
-30°	3869.7	3828.2	3695.8	3467.5	3152.3	2867.3	2564.4	2039.0	1511.3	1087.7	1009.2
-32.5°	3723.1	3611.4	3448.3	3190.4	2929.4	2670.3	2137.3	1564.6	1147.2	1032.4	968.4
-35°	3520.8	3330.1	3095.9	2908.5	2733.4	2223.1	1677.4	1222.3	1038.2	984.8	933.0
-37.5°	3268.3	2991.0	2815.8	2615.1	2187.9	1712.9	1265.9	1068.7	998.9	950.1	878.5
-40°	3059.0	2789.2	2390.1	2030.0	1630.0	1224.7	1097.8	1032.5	976.2	901.6	812.3
-42.5°	2559.7	2162.1	1800.4	1440.5	1160.1	1112.0	1060.2	1006.5	933.6	836.3	742.3
-45°	1781.5	1470.6	1194.0	1151.8	1107.9	1069.2	1029.8	951.5	859.0	765.8	670.8
-47.5°	1210.4	1175.2	1136.9	1102.5	1069.5	1025.9	951.3	867.6	780.8	692.9	609.2
-50°	1159.7	1137.5	1107.8	1063.5	1002.2	936.0	862.1	782.4	704.5	628.4	548.6
-52.5°	1152.9	1099.8	1042.3	979.8	913.2	845.9	774.3	707.3	638.0	564.3	489.7
-55°	1071.4	1013.7	952.6	888.4	822.5	762.3	700.4	636.0	568.7	498.8	435.9
-57.5°	972.1	916.5	860.3	801.7	740.9	680.5	619.7	558.3	500.3	441.1	383.7
-60°	881.5	826.1	771.7	713.4	650.9	590.9	539.7	487.6	434.7	386.3	337.6
-62.5°	785.8	736.4	677.8	617.8	562.3	512.4	464.7	418.7	376.3	333.4	276.7
-65°	652.3	603.0	555.0	509.0	465.6	425.1	385.1	341.0	295.3	251.4	203.3
-67.5°	498.0	460.2	424.8	389.5	350.8	312.2	272.5	234.3	201.6	170.2	133.7
-70°	333.1	301.6	270.8	241.3	216.2	192.8	168.0	142.3	116.0	97.7	80.8
-72.5°	186.4	167.3	148.9	131.4	112.6	100.6	90.6	79.6	67.5	54.2	44.5
-75°	92.7	84.3	76.2	69.3	61.9	54.1	49.6	46.1	42.7	39.6	36.6
-77.5°	51.4	48.2	45.3	43.7	41.9	39.9	37.6	35.4	33.6	31.7	29.8
-80°	38.0	35.9	33.9	32.8	31.6	30.5	29.3	27.9	26.3	24.9	23.9
-82.5°	27.3	26.0	24.7	24.2	23.7	23.2	22.6	21.9	21.2	20.5	19.8
-85°	20.5	19.5	18.5	18.2	17.9	17.5	17.1	16.8	16.5	16.1	15.8
-87.5°	16.4	15.8	15.1	14.7	14.2	13.8	13.4	13.3	13.2	13.0	12.8
-90°	1.9	1.9	1.9	2.4	2.9	3.3	3.8	4.3	4.8	5.2	5.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.0	10.6	10.1	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
87.5°	5.7	5.7	5.7	5.7	6.0	6.2	6.4	6.5	6.8	7.0	7.4
85°	5.7	5.7	5.7	5.7	6.2	6.7	7.1	7.4	7.4	7.4	7.5
82.5°	5.7	5.7	5.7	5.7	6.2	6.7	7.2	7.7	7.7	7.7	7.7
80°	5.7	5.7	5.7	5.8	6.3	6.8	7.3	7.7	7.7	7.7	7.7
77.5°	6.4	6.1	5.8	5.8	6.3	6.8	7.3	7.7	7.7	7.7	7.7
75°	7.7	7.4	7.0	6.6	6.6	6.9	7.4	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.3	7.3	7.5	7.7	7.7	7.7	7.7
70°	10.1	8.2	7.7	7.7	7.7	7.7	7.6	7.8	7.7	7.7	7.7
67.5°	14.4	11.4	9.3	7.9	7.7	7.7	7.7	7.9	8.0	7.7	7.7
65°	25.5	17.2	11.3	9.4	8.2	7.7	7.7	8.1	8.3	8.1	7.7
62.5°	33.0	24.9	17.2	11.8	9.0	8.0	7.7	8.2	8.6	8.6	8.0
60°	36.5	28.8	22.6	16.8	11.3	8.2	7.8	8.3	8.7	9.0	8.5
57.5°	33.7	30.8	26.3	21.0	15.2	9.9	7.9	8.4	8.8	9.2	9.1
55°	29.0	26.9	28.1	24.3	18.7	13.0	9.0	8.5	8.9	9.3	9.6
52.5°	24.2	24.7	26.8	26.3	21.6	15.8	11.4	8.6	9.0	9.4	9.6
50°	20.0	23.5	26.2	26.8	24.2	18.6	13.5	10.1	9.1	9.5	9.6
47.5°	19.3	23.4	25.8	27.7	26.0	21.1	15.6	11.5	9.2	9.6	9.6
45°	22.9	24.6	26.5	27.9	27.6	22.7	17.7	12.6	10.1	9.7	9.6
42.5°	28.3	28.8	29.2	28.5	28.1	23.7	19.5	14.1	10.7	9.8	9.7
40°	38.8	34.9	33.4	33.3	29.5	24.4	20.2	15.5	11.2	10.1	9.8
37.5°	51.0	44.4	39.7	42.2	33.8	26.7	20.5	16.7	12.4	10.9	10.0
35°	72.6	56.9	53.7	55.0	45.1	30.1	20.5	17.4	14.4	11.8	10.2
32.5°	98.8	83.5	79.9	70.2	59.7	34.4	22.5	19.1	16.4	12.7	10.5
30°	146.0	133.3	115.1	87.8	76.5	47.8	27.3	21.0	18.6	13.8	10.9
27.5°	218.0	190.7	159.4	119.2	93.2	64.3	33.3	23.3	20.7	15.1	11.7
25°	294.2	256.8	214.5	159.9	111.5	86.4	39.1	26.0	22.8	16.9	12.5
22.5°	379.1	324.7	274.6	205.8	140.6	111.7	50.9	30.9	24.8	18.6	13.4
20°	464.9	392.7	341.2	257.1	180.5	136.2	70.2	35.6	27.0	20.4	14.3
17.5°	562.4	478.1	419.7	317.8	224.2	162.9	90.9	40.0	29.3	22.1	15.1
15°	757.6	583.3	502.8	384.2	266.1	191.4	112.4	44.2	31.7	23.8	15.9
12.5°	994.2	687.2	589.8	454.7	306.2	220.9	134.3	48.0	34.1	25.4	16.7
10°	1254.6	789.2	679.1	527.1	344.1	250.9	155.9	53.8	37.8	27.1	17.3
7.5°	1527.0	888.7	768.9	599.3	384.0	291.2	199.2	64.7	41.9	28.6	17.9
5°	1775.0	980.3	858.9	685.4	445.4	340.8	246.5	75.9	46.0	30.1	18.4
2.5°	1902.0	1059.8	944.9	767.9	504.8	388.1	292.6	87.1	49.9	31.4	18.8
0°	1994.7	1134.3	1025.1	843.1	561.4	433.0	335.3	97.7	53.7	32.6	19.2
-2.5°	1964.2	1153.3	1047.4	878.8	621.1	478.7	370.9	126.2	70.1	42.2	23.7
-5°	1903.9	1168.9	1065.3	908.3	676.2	521.5	400.7	153.1	85.8	51.4	27.9
-7.5°	1877.4	1176.7	1076.3	931.3	725.7	560.9	424.0	177.7	100.4	59.8	31.9
-10°	1818.7	1178.5	1078.3	930.3	729.4	576.5	436.7	199.3	113.6	67.4	35.4
-12.5°	1705.9	1177.8	1078.9	920.8	719.9	570.0	419.7	212.1	125.1	73.8	38.3
-15°	1533.5	1175.0	1079.0	901.9	704.4	560.2	400.8	219.8	134.1	79.6	40.6
-17.5°	1288.4	1170.4	1079.4	873.2	682.7	547.1	381.1	224.9	141.4	84.9	43.2
-20°	1193.8	1139.0	1073.7	834.3	654.6	530.5	361.4	227.5	147.1	88.9	45.7



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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°	1137.0	1084.9	990.5	797.1	625.9	510.7	342.6	227.4	150.9	91.3	46.9
-25°	1073.5	1028.6	903.6	740.1	601.0	481.3	332.4	224.5	152.8	92.2	46.9
-27.5°	1009.6	961.1	823.1	683.5	567.7	455.7	327.2	225.6	152.9	91.3	45.4
-30°	945.4	874.5	756.6	631.8	532.5	423.0	318.6	224.3	151.6	89.5	42.4
-32.5°	898.7	799.1	694.7	591.1	494.4	389.1	299.5	220.5	147.8	86.0	40.9
-35°	841.9	738.3	636.4	549.0	454.6	360.5	277.0	214.0	141.8	80.4	39.3
-37.5°	782.3	681.8	589.4	505.2	414.1	330.1	258.3	197.6	133.3	72.6	36.9
-40°	718.8	626.3	542.9	460.5	377.5	298.1	238.2	179.4	122.4	62.4	33.6
-42.5°	653.4	572.7	494.2	415.4	341.0	274.2	216.6	159.6	105.6	55.4	29.5
-45°	592.2	517.1	444.1	374.2	304.7	249.0	192.9	138.4	87.2	49.6	26.2
-47.5°	529.2	462.0	396.9	332.5	275.6	221.9	167.4	117.1	68.3	42.6	25.1
-50°	469.8	410.0	352.3	297.5	245.7	191.8	141.0	94.8	58.2	33.8	23.8
-52.5°	420.5	363.1	312.4	263.8	211.5	159.9	115.6	72.8	47.3	29.5	22.2
-55°	374.4	320.4	275.1	225.1	174.6	130.2	89.3	59.3	35.6	27.1	20.5
-57.5°	331.9	280.5	230.7	182.3	139.1	100.2	68.9	44.9	30.7	24.5	19.4
-60°	286.2	230.0	181.4	141.2	103.9	74.2	51.3	33.5	27.8	22.2	18.1
-62.5°	223.5	175.3	135.4	100.4	74.6	53.5	35.6	30.2	24.7	20.6	16.8
-65°	161.4	123.1	90.0	70.5	51.3	36.7	31.7	26.7	22.7	19.1	15.5
-67.5°	99.7	80.1	61.8	44.5	36.9	32.2	27.8	24.3	20.9	17.4	14.7
-70°	63.8	47.7	40.3	35.9	31.6	27.8	25.1	22.2	19.0	16.4	13.7
-72.5°	41.0	37.4	33.7	30.0	27.6	25.2	22.7	20.2	17.7	15.2	12.8
-75°	33.5	31.0	28.9	27.0	24.7	22.5	20.6	18.8	16.4	14.1	12.1
-77.5°	27.9	26.4	25.1	23.6	21.6	19.9	18.6	17.3	15.2	13.3	11.5
-80°	23.0	21.9	20.7	19.4	18.1	17.2	16.6	15.8	14.0	12.4	10.9
-82.5°	18.8	17.8	16.9	16.1	15.7	15.3	14.9	14.3	12.9	11.5	10.4
-85°	15.2	14.8	14.3	14.0	13.7	13.4	13.1	12.8	11.8	10.9	10.2
-87.5°	12.6	12.4	12.1	11.8	11.6	11.5	11.4	11.2	10.7	10.2	9.9
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.7	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.6	9.1	8.7	8.2	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
67.5°	7.8	7.7	7.7	7.7	7.7	7.7	7.7
65°	7.8	7.8	7.7	7.7	7.7	7.7	7.7
62.5°	7.9	7.9	7.7	7.7	7.7	7.7	7.7
60°	8.1	8.1	7.7	7.7	7.7	7.7	7.7
57.5°	8.4	8.3	7.9	7.7	7.7	7.7	7.7
55°	8.8	8.5	8.1	7.7	7.8	7.7	7.7
52.5°	9.1	8.7	8.3	7.7	7.8	7.7	7.7
50°	9.4	8.9	8.5	7.7	7.8	7.7	7.7
47.5°	9.6	9.1	8.7	7.7	7.9	7.7	7.7
45°	9.6	9.2	8.9	7.9	7.9	7.7	7.7
42.5°	9.6	9.4	9.2	8.1	8.0	7.7	7.7
40°	9.6	9.5	9.3	8.3	8.1	7.7	7.7
37.5°	9.6	9.6	9.4	8.5	8.1	7.7	7.7
35°	9.6	9.6	9.5	8.7	8.2	7.7	7.7
32.5°	9.7	9.6	9.6	8.9	8.3	7.7	7.7
30°	9.9	9.6	9.6	9.0	8.4	7.7	7.7
27.5°	10.1	9.6	9.6	9.1	8.5	7.7	7.7
25°	10.3	9.6	9.6	9.3	8.6	7.7	7.7
22.5°	10.5	9.6	9.6	9.3	8.7	7.7	7.7
20°	10.8	9.8	9.6	9.4	8.8	7.7	7.7
17.5°	11.1	9.9	9.6	9.5	8.9	7.7	7.7
15°	11.5	10.1	9.6	9.5	9.0	7.7	7.7
12.5°	11.9	10.4	9.6	9.6	9.1	7.7	7.7
10°	12.2	10.6	9.6	9.6	9.2	7.7	7.7
7.5°	12.5	10.8	9.6	9.6	9.3	7.7	7.7
5°	12.8	11.1	9.6	9.6	9.4	7.7	7.7
2.5°	13.1	11.3	9.6	9.6	9.5	7.7	7.7
0°	13.4	11.5	9.6	9.6	9.6	7.7	7.7
-2.5°	14.9	11.9	9.8	9.7	9.6	7.7	7.7
-5°	16.4	12.3	9.9	9.8	9.6	7.8	7.7
-7.5°	17.7	12.6	10.1	10.0	9.6	7.8	7.7
-10°	19.0	13.0	10.3	10.1	9.6	7.9	7.7
-12.5°	20.0	13.2	10.4	10.2	9.5	7.9	7.7
-15°	20.9	13.5	10.6	10.3	9.5	7.9	7.7
-17.5°	21.4	13.6	10.8	10.3	9.5	8.0	7.7
-20°	22.1	13.7	10.9	10.4	9.4	8.0	7.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.9	13.7	11.1	10.4	9.4	8.0	7.7
-25°	23.2	13.9	11.2	10.5	9.4	8.1	7.7
-27.5°	23.0	14.1	11.4	10.5	9.4	8.1	7.7
-30°	22.3	14.2	11.5	10.5	9.3	8.1	7.7
-32.5°	21.0	14.2	11.7	10.4	9.3	8.1	7.7
-35°	20.4	14.1	11.9	10.3	9.3	8.1	7.7
-37.5°	20.2	14.0	12.0	10.3	9.3	8.2	7.7
-40°	19.9	14.2	12.1	10.1	9.3	8.2	7.7
-42.5°	19.3	14.2	12.1	10.0	9.3	8.2	7.7
-45°	18.6	14.2	11.9	9.9	9.3	8.2	7.7
-47.5°	17.6	14.0	11.7	9.8	9.3	8.2	7.7
-50°	17.2	13.8	11.5	9.7	9.3	8.2	7.7
-52.5°	16.7	13.5	11.2	9.8	9.3	8.2	7.7
-55°	16.1	13.1	10.9	9.8	9.3	8.1	7.7
-57.5°	15.3	12.7	10.6	9.8	9.3	8.1	7.7
-60°	14.5	12.2	10.3	9.7	9.3	8.1	7.7
-62.5°	13.8	11.7	10.2	9.7	9.3	8.1	7.7
-65°	13.1	11.1	10.1	9.7	9.2	8.1	7.7
-67.5°	12.3	10.7	10.0	9.7	9.0	8.0	7.7
-70°	11.4	10.5	9.9	9.6	8.9	8.0	7.7
-72.5°	11.0	10.2	9.8	9.5	8.8	8.0	7.7
-75°	10.6	10.0	9.6	9.3	8.6	7.9	7.7
-77.5°	10.1	9.7	9.5	9.1	8.5	7.9	7.7
-80°	9.7	9.5	9.3	8.9	8.3	7.9	7.7
-82.5°	9.6	9.4	9.1	8.7	8.2	7.8	7.7
-85°	9.6	9.3	9.0	8.5	8.0	7.8	7.7
-87.5°	9.6	9.2	8.8	8.4	7.9	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)