

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: P1306137 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

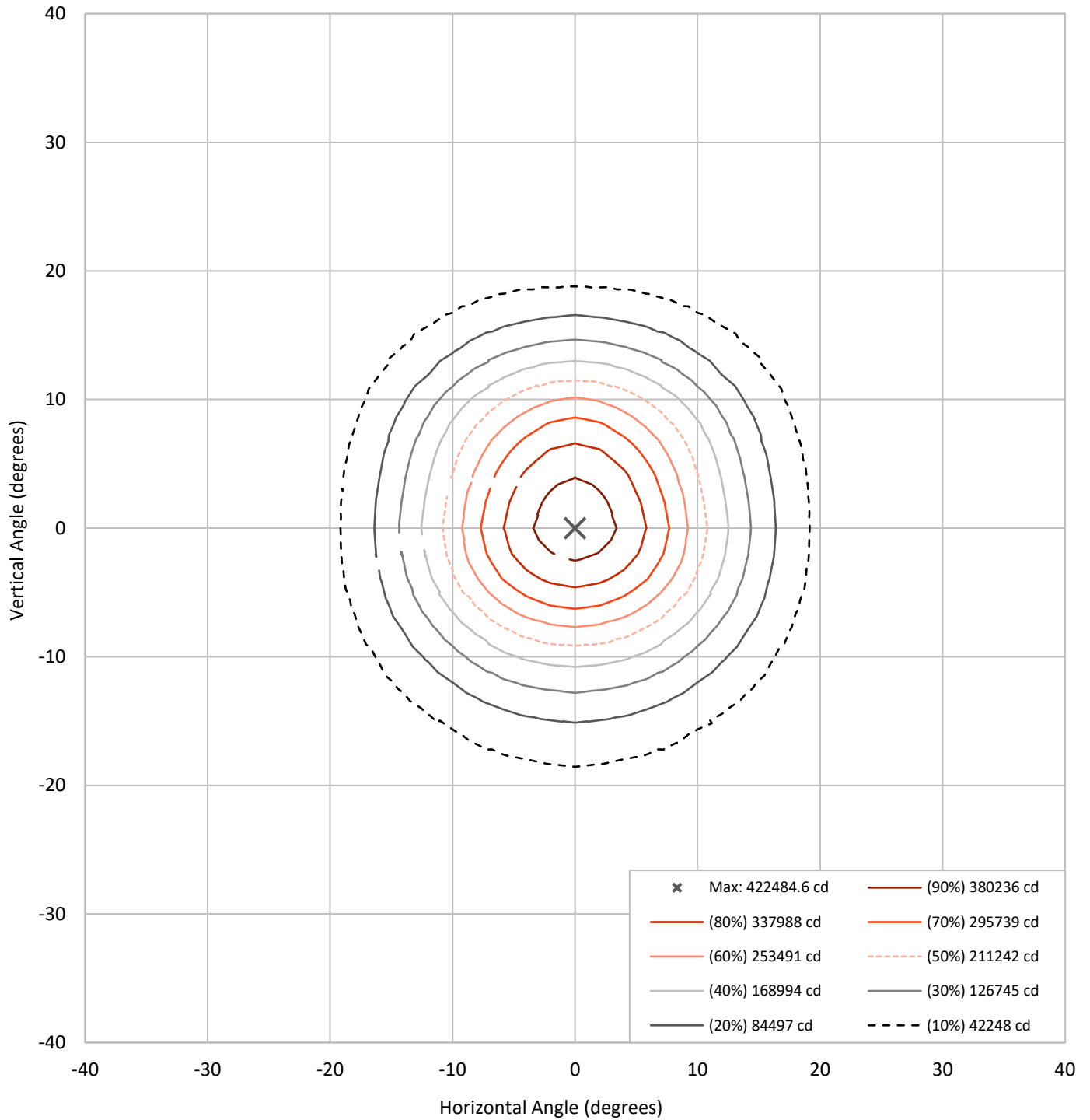
Test Method: LM-79-08
Report Number: P1306137 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-40-70-2S-CV1-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	68316.1 lumens	Max Intensity:	422484.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	31722.9 lumens	Field Lumens:	57752.9 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	569		
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





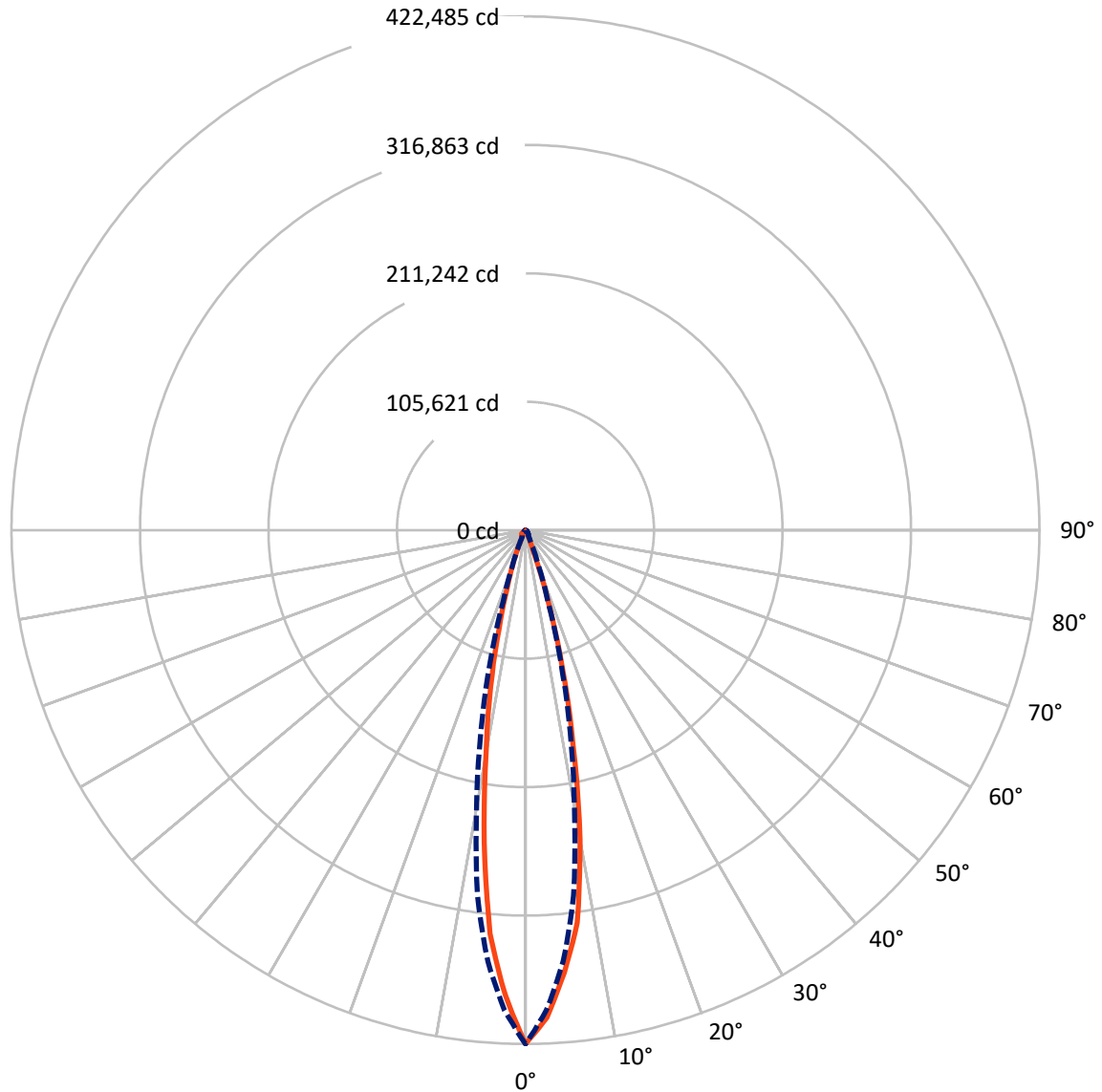
REPORT NUMBER: P1306137 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
70	0.1	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.5	0.9	1.6	1.0	1.0	1.6	0.9	0.5	0.4	0.4	0.2	0.2			
40		0.3	0.9	2.4	4.5	6.6	9.1	11.0	11.0	9.1	6.6	4.5	2.4	0.9	0.3				
30	0.2	0.5	4.3	13.8	32.7	49.6	85.8	162.7	162.7	85.8	49.6	32.7	13.8	4.3	0.5	0.2			
20		1.3	9.2	36.5	83.7	156.5	1022.1	3167.2	3167.2	1022.1	156.5	83.7	36.5	9.2	1.3				
10	0.3	2.0	11.9	49.0	99.4	313.5	3004.1	9003.4	9003.4	3004.1	313.5	99.4	49.0	11.9	2.0	0.3			
0		2.5	12.7	49.2	99.2	298.8	2825.4	8188.4	8188.4	2825.4	298.8	99.2	49.2	12.7	2.5				
-10	0.5	2.9	12.2	39.3	83.8	145.4	831.1	2406.7	2406.7	831.1	145.4	83.8	39.3	12.2	2.9	0.5			
-20		3.0	11.5	27.9	75.1	112.2	170.4	329.4	329.4	170.4	112.2	75.1	27.9	11.5	3.0				
-30	0.5	2.6	9.9	21.0	52.4	108.9	141.5	158.1	158.1	141.5	108.9	52.4	21.0	9.9	2.6	0.5			
-40		1.8	7.4	17.2	31.0	52.5	89.7	119.6	119.6	89.7	52.5	31.0	17.2	7.4	1.8				
-50	0.3	0.9	4.4	11.4	22.1	33.4	43.5	49.2	49.2	43.5	33.4	22.1	11.4	4.4	0.9	0.3			
-60		0.4	1.5	4.6	9.7	15.6	21.4	24.8	24.8	21.4	15.6	9.7	4.6	1.5	0.4				
-70	0.2	0.9	4.4	11.4	22.1	33.4	43.5	49.2	49.2	43.5	33.4	22.1	11.4	4.4	0.9	0.2			
-80		0.4	1.5	4.6	9.7	15.6	21.4	24.8	24.8	21.4	15.6	9.7	4.6	1.5	0.4				
-90	0.2	1.1	3.3	7.7	10.3	7.7	3.3	1.1	0.2										

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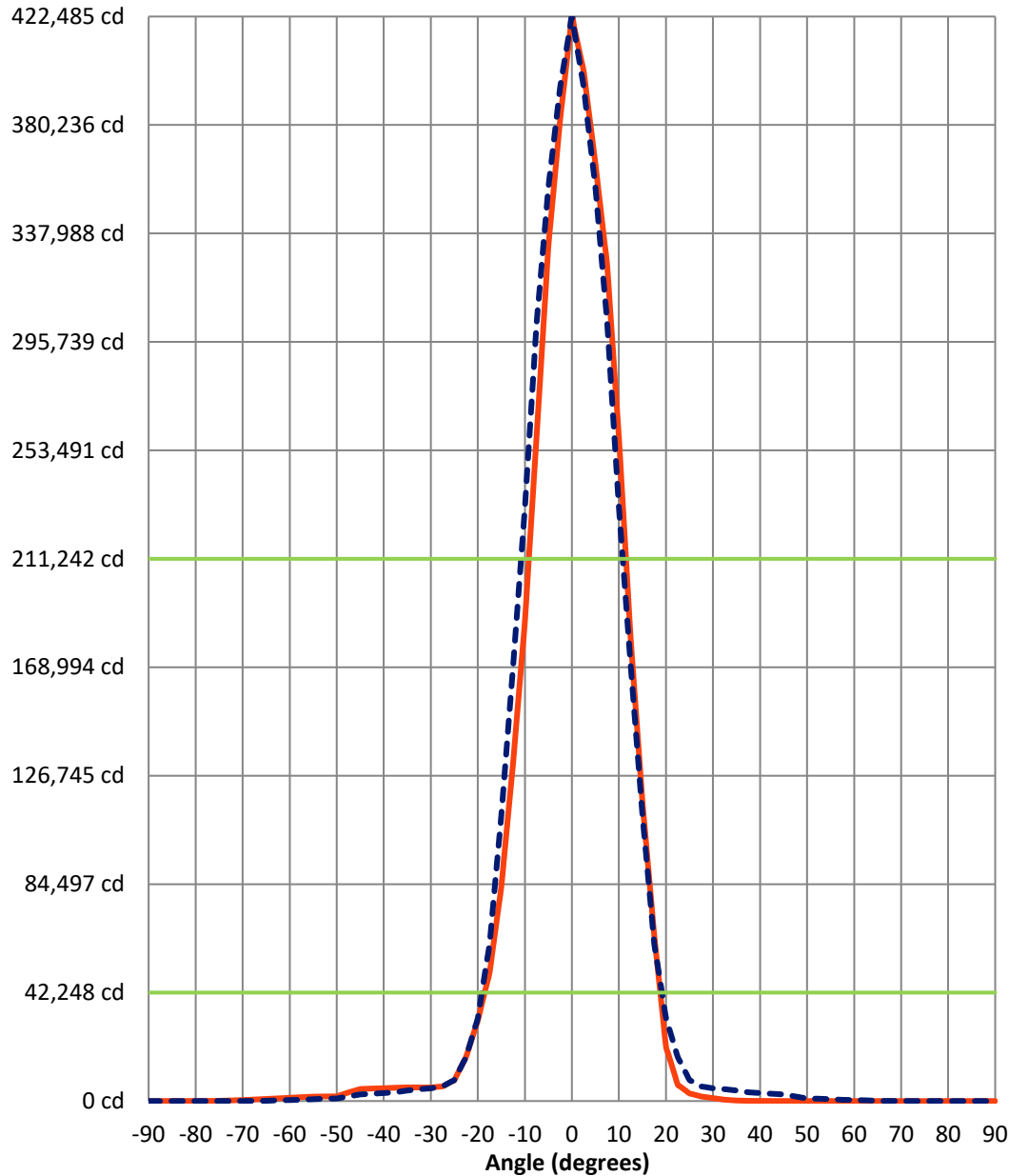
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.6°
V Angle: 20.7°
Lumens: 31722.9
Efficiency: 46.4%

Field:
H Angle: 38.3°
V Angle: 37.3°
Lumens: 57752.9
Efficiency: 84.5%

Spill:
Lumens: 10563.2
Efficiency: 15.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	5.0	5.9	6.7	7.1	7.6	8.0	8.4	8.8	9.2	9.6	10.0
87.5°	5.0	5.0	5.0	4.6	4.3	4.0	3.7	3.7	3.6	3.5	3.3
85°	5.0	5.1	5.0	4.7	4.4	4.3	4.2	4.1	3.9	3.6	3.3
82.5°	5.0	5.1	5.0	4.7	4.6	4.6	4.6	4.5	4.2	3.9	3.8
80°	5.0	5.1	5.0	4.8	4.7	4.8	5.0	4.7	4.5	4.4	4.5
77.5°	5.0	5.2	5.0	4.9	4.9	5.0	5.0	4.8	4.8	4.9	5.0
75°	5.0	5.2	5.0	4.9	5.0	5.1	5.0	4.9	5.0	5.0	5.0
72.5°	5.0	5.3	5.0	5.0	5.2	5.3	5.1	5.0	5.0	5.0	5.0
70°	5.0	5.3	5.1	5.0	5.3	5.4	5.1	5.0	5.0	5.0	5.1
67.5°	5.0	5.3	5.1	5.2	5.5	5.5	5.2	5.0	5.0	5.3	5.2
65°	5.0	5.4	5.1	5.4	5.7	5.6	5.2	5.0	5.4	5.5	5.4
62.5°	5.0	5.4	5.2	5.5	5.9	5.7	5.3	5.3	5.8	5.8	5.4
60°	5.0	5.5	5.2	5.7	6.1	5.7	5.3	5.8	6.2	5.9	5.5
57.5°	5.0	5.5	5.4	5.9	6.1	5.7	5.7	6.2	6.3	6.0	6.0
55°	5.0	5.6	5.5	6.1	6.2	5.8	6.2	6.7	6.4	6.2	6.7
52.5°	5.0	5.6	5.6	6.3	6.2	5.9	6.6	6.9	6.5	6.8	7.4
50°	5.0	5.7	5.8	6.5	6.2	6.2	7.0	6.9	6.7	7.4	9.1
47.5°	5.0	5.7	5.9	6.6	6.3	6.6	7.4	7.0	7.3	8.1	10.7
45°	5.0	5.8	6.0	6.6	6.3	6.9	7.4	7.1	7.9	9.2	12.1
42.5°	5.0	5.8	6.1	6.7	6.4	7.2	7.5	7.5	8.5	10.2	13.9
40°	5.0	5.9	6.2	6.7	6.5	7.6	7.6	8.0	9.3	11.1	15.7
37.5°	5.0	5.9	6.3	6.8	6.8	7.9	7.7	8.6	10.2	12.5	17.4
35°	5.0	6.0	6.3	6.8	7.0	8.0	7.8	9.2	11.2	14.5	18.9
32.5°	5.0	6.0	6.4	6.9	7.3	8.1	8.0	9.9	12.1	16.5	21.0
30°	5.0	6.1	6.5	7.0	7.5	8.2	8.5	10.5	12.9	18.6	23.1
27.5°	5.0	6.2	6.5	7.0	7.7	8.3	9.0	11.2	14.1	20.7	25.5
25°	5.0	6.2	6.6	7.1	7.9	8.3	9.5	11.9	15.8	22.7	28.0
22.5°	5.0	6.3	6.6	7.3	8.0	8.4	9.9	12.6	17.4	24.7	32.6
20°	5.0	6.3	6.6	7.4	8.1	8.5	10.4	13.2	19.0	26.7	37.8
17.5°	5.0	6.4	6.7	7.5	8.2	8.7	10.9	13.8	20.6	28.7	43.4
15°	5.0	6.4	6.7	7.6	8.3	8.9	11.4	14.4	22.0	30.7	49.3
12.5°	5.0	6.5	6.7	7.8	8.3	9.0	11.8	14.9	23.3	32.7	55.4
10°	5.0	6.5	6.7	7.9	8.4	9.2	12.2	15.3	24.3	35.2	61.6
7.5°	5.0	6.6	6.7	8.0	8.4	9.4	12.5	15.7	25.2	37.9	67.8
5°	5.0	6.6	6.7	8.2	8.4	9.6	12.9	16.1	25.9	40.5	73.6
2.5°	5.0	6.7	6.7	8.3	8.4	9.8	13.2	16.4	26.4	43.0	78.9
0°	5.0	6.7	6.7	8.4	8.4	10.0	13.4	16.7	26.8	45.2	83.6
-2.5°	5.0	6.7	6.8	8.5	8.7	10.6	14.7	20.6	34.9	59.5	104.2
-5°	5.0	6.8	6.8	8.6	9.0	11.1	16.0	24.4	42.6	73.2	123.7
-7.5°	5.0	6.8	6.9	8.7	9.3	11.6	17.1	27.9	49.8	85.9	141.8
-10°	5.0	6.8	7.0	8.7	9.5	12.1	18.2	31.0	56.3	97.3	158.0
-12.5°	5.0	6.8	7.1	8.8	9.8	12.5	19.1	33.7	61.9	107.2	171.9
-15°	5.0	6.9	7.1	8.9	10.0	12.9	19.8	35.8	67.3	115.6	183.1
-17.5°	5.0	6.9	7.2	8.9	10.2	13.2	20.4	38.3	72.7	122.6	191.7
-20°	5.0	6.9	7.3	8.9	10.4	13.5	21.0	40.8	76.8	128.1	197.2



REPORT NUMBER: P1306137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.0	6.9	7.4	8.9	10.5	13.7	21.8	42.2	79.4	132.0	199.5
-25°	5.0	6.9	7.4	9.0	10.7	13.9	22.2	42.6	80.4	134.3	198.4
-27.5°	5.0	6.9	7.5	9.0	10.8	14.0	22.0	41.9	79.8	135.0	200.0
-30°	5.0	6.9	7.6	8.9	10.8	14.1	21.3	39.9	78.5	134.0	199.5
-32.5°	5.0	6.9	7.6	8.9	10.9	14.1	20.1	38.7	76.2	130.7	196.8
-35°	5.0	6.9	7.7	8.9	11.0	14.0	19.5	37.2	72.2	124.9	191.9
-37.5°	5.0	6.9	7.7	8.9	11.1	13.9	19.3	34.9	66.3	116.7	180.0
-40°	5.0	6.8	7.8	8.8	11.1	13.9	19.0	31.7	58.6	107.8	165.4
-42.5°	5.0	6.8	7.9	8.8	11.1	13.9	18.5	27.7	52.5	95.6	148.4
-45°	5.0	6.8	7.9	8.8	11.1	13.9	17.9	24.5	46.8	81.4	129.5
-47.5°	5.0	6.8	8.0	8.7	11.0	13.8	17.1	23.6	40.0	66.0	111.8
-50°	5.0	6.7	8.0	8.8	10.9	13.6	16.8	22.4	31.7	56.4	92.2
-52.5°	5.0	6.7	8.0	8.8	10.8	13.4	16.5	21.0	27.8	46.1	72.0
-55°	5.0	6.7	8.1	8.9	10.6	13.2	16.2	19.6	25.8	34.9	59.0
-57.5°	5.0	6.6	8.1	8.9	10.4	12.9	15.8	19.1	23.6	30.2	45.2
-60°	5.0	6.6	8.2	8.9	10.2	12.6	15.3	18.4	21.5	27.4	34.2
-62.5°	5.0	6.5	8.1	8.9	10.1	12.2	14.8	17.7	20.6	24.3	30.5
-65°	5.0	6.5	8.0	8.9	10.0	11.8	14.3	16.9	19.6	22.6	26.7
-67.5°	5.0	6.4	7.9	8.8	9.8	11.5	13.7	16.1	18.5	21.3	24.3
-70°	5.0	6.4	7.8	8.7	9.6	11.1	13.1	15.2	17.4	19.9	22.6
-72.5°	5.0	6.3	7.6	8.6	9.4	10.7	12.4	14.2	16.2	18.4	20.8
-75°	5.0	6.3	7.5	8.4	9.2	10.2	11.7	13.3	15.0	16.9	18.9
-77.5°	5.0	6.2	7.4	8.2	8.9	9.7	10.9	12.4	13.9	15.4	17.0
-80°	5.0	6.1	7.3	8.0	8.7	9.3	10.1	11.4	12.8	14.2	15.5
-82.5°	5.0	6.1	7.1	7.8	8.4	9.0	9.6	10.6	11.7	13.0	14.2
-85°	5.0	6.0	7.0	7.6	8.1	8.7	9.2	10.0	10.9	11.8	12.8
-87.5°	5.0	5.9	6.8	7.3	7.8	8.3	8.8	9.4	10.1	10.7	11.4
-90°	5.0	5.0	5.0	4.6	4.2	3.7	3.3	3.3	3.3	3.3	3.3



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.0	10.0	10.0	10.0	10.4	10.9	11.3	11.7	12.1	12.6	13.0
87.5°	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.7	1.7	1.7	1.7
85°	3.3	3.3	3.3	3.3	2.9	2.5	2.1	1.7	1.7	1.7	1.7
82.5°	3.8	3.7	3.6	3.3	2.9	2.5	2.2	1.9	2.0	1.9	1.9
80°	4.4	4.2	3.8	3.4	3.1	3.0	3.0	3.0	2.9	2.7	2.4
77.5°	4.7	4.3	3.8	3.4	3.3	3.6	3.9	4.2	4.1	4.0	3.8
75°	4.7	4.3	4.1	4.1	4.4	4.7	5.0	5.0	4.8	4.7	4.7
72.5°	4.8	4.6	4.7	5.0	5.0	5.0	5.0	5.0	6.4	8.2	9.5
70°	4.9	5.0	5.0	5.0	5.0	5.5	7.8	11.1	14.6	16.4	18.1
67.5°	5.0	5.0	5.0	5.2	6.4	9.0	12.7	19.9	27.6	29.5	29.2
65°	5.0	5.0	5.6	6.8	8.2	14.4	22.3	31.3	38.0	37.0	34.6
62.5°	5.0	5.7	6.8	9.3	14.3	21.6	28.8	35.2	41.7	40.5	34.9
60°	5.7	6.6	9.4	14.3	19.8	25.1	31.8	36.1	40.3	41.3	31.5
57.5°	6.5	8.5	13.2	18.3	23.0	26.9	29.4	33.1	34.5	33.6	24.6
55°	7.9	11.3	16.3	21.2	24.5	23.5	25.0	26.2	25.7	23.8	17.4
52.5°	10.2	13.9	18.9	23.0	23.4	21.1	19.7	19.9	18.4	15.7	13.6
50°	12.3	16.5	21.1	23.4	22.3	18.9	15.8	15.3	14.2	12.9	11.7
47.5°	14.5	19.1	22.7	23.9	20.6	17.7	14.6	13.6	12.8	13.2	12.4
45°	16.8	21.0	24.6	22.6	19.7	17.3	16.1	13.4	15.0	16.0	16.7
42.5°	18.9	22.7	24.2	21.5	20.0	20.0	19.7	19.1	20.0	24.1	26.5
40°	20.4	24.3	24.2	23.7	21.9	25.2	28.3	30.7	30.9	36.3	40.6
37.5°	21.8	24.9	26.3	29.7	28.2	34.2	39.4	60.3	61.2	50.6	68.6
35°	23.1	26.2	34.7	44.1	48.0	46.6	76.1	103.6	110.4	99.3	117.9
32.5°	24.5	28.1	45.9	68.2	88.4	89.7	123.5	167.3	190.4	198.1	208.3
30°	27.2	38.6	63.4	98.5	147.0	186.6	202.7	249.8	292.3	377.4	436.9
27.5°	32.0	52.3	92.4	152.6	227.0	301.8	327.5	360.3	471.7	622.4	771.5
25°	37.9	81.2	125.6	224.2	337.9	421.1	453.8	497.9	708.3	999.6	1170.9
22.5°	53.0	118.4	175.7	306.8	461.0	537.2	579.9	738.5	1060.4	1447.2	1620.8
20°	80.2	162.6	236.7	375.7	584.6	652.5	700.4	1030.3	1498.7	1866.3	2138.6
17.5°	111.6	207.0	297.4	448.4	638.2	740.3	840.4	1352.4	1958.2	2281.4	2602.0
15°	146.1	251.1	349.9	513.1	686.6	793.0	1055.8	1716.8	2373.5	2688.8	3008.7
12.5°	182.7	294.6	395.0	569.9	734.4	842.1	1251.5	1976.7	2595.5	3010.2	3394.0
10°	220.2	337.1	433.5	619.0	780.8	887.5	1434.4	2197.6	2713.1	3082.1	3516.9
7.5°	245.4	364.7	463.5	660.5	824.8	929.3	1600.2	2379.8	2793.0	3118.1	3504.5
5°	265.4	375.2	475.0	690.0	861.0	962.2	1730.8	2523.8	2841.5	3123.7	3439.7
2.5°	281.3	382.2	484.0	713.0	889.9	983.3	1774.1	2568.1	2851.1	3123.5	3408.6
0°	292.8	386.4	490.2	729.4	913.4	1000.4	1783.3	2577.9	2843.9	3116.6	3421.1
-2.5°	303.2	398.3	509.4	743.4	914.4	1002.3	1774.5	2566.5	2876.0	3192.1	3555.7
-5°	309.5	407.8	525.2	750.5	910.8	1001.2	1734.1	2520.7	2872.7	3193.4	3578.0
-7.5°	312.5	415.1	536.9	749.6	898.3	987.6	1626.9	2374.3	2759.8	3061.8	3465.0
-10°	313.6	424.0	544.5	733.7	874.8	964.8	1488.6	2200.6	2634.9	2917.9	3309.1
-12.5°	316.4	434.2	549.4	715.8	851.5	938.9	1332.1	2003.2	2499.6	2763.5	3131.1
-15°	316.2	442.0	551.8	697.3	829.8	909.9	1161.2	1785.4	2399.0	2734.2	3034.6
-17.5°	313.3	447.5	552.1	679.5	811.0	877.8	985.4	1593.0	2315.7	2722.1	3013.6
-20°	307.8	450.6	550.4	663.7	793.6	864.3	951.9	1406.6	2094.3	2679.3	3005.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	300.1	451.5	548.5	655.7	779.9	868.7	943.8	1202.3	1801.8	2608.1	2949.3
-25°	295.9	438.3	546.2	646.4	765.3	873.9	935.3	1013.9	1512.9	2250.1	2818.0
-27.5°	293.6	423.0	533.8	631.0	746.7	872.6	936.1	1002.6	1268.5	1841.4	2615.0
-30°	286.7	397.7	516.9	610.7	724.8	847.9	942.2	994.4	1069.0	1513.4	2144.7
-32.5°	272.4	371.3	489.1	588.8	696.1	819.2	935.8	994.1	1057.9	1189.7	1699.2
-35°	257.3	350.6	457.2	561.5	660.9	780.4	894.4	992.0	1047.1	1115.3	1343.1
-37.5°	245.2	327.2	424.7	528.1	626.1	733.6	848.5	956.3	1038.8	1107.6	1194.4
-40°	230.2	301.3	394.9	491.9	587.8	687.1	794.6	903.1	1007.2	1111.6	1190.7
-42.5°	212.0	281.1	363.8	454.9	546.9	642.3	738.3	843.0	964.4	1095.8	1197.3
-45°	190.4	257.6	331.3	415.7	502.2	593.9	686.7	781.2	909.3	1044.4	1171.6
-47.5°	166.1	230.6	300.8	373.5	455.1	540.6	631.0	729.9	842.3	971.2	1109.9
-50°	140.4	200.3	265.8	333.3	406.1	485.1	568.7	668.6	774.2	887.2	1012.4
-52.5°	116.1	167.0	227.7	292.0	358.0	428.8	507.1	596.5	695.6	800.7	905.9
-55°	89.9	135.7	186.4	246.6	309.8	373.5	442.0	521.4	607.5	703.4	797.6
-57.5°	69.7	103.2	146.9	197.2	256.1	317.9	378.5	443.0	518.4	600.1	679.6
-60°	52.8	75.7	108.0	150.6	197.9	253.4	311.6	370.3	431.0	491.8	559.5
-62.5°	37.4	55.1	76.5	104.7	145.1	186.4	235.1	289.1	346.3	398.5	448.4
-65°	32.7	38.0	52.5	72.4	93.2	127.4	164.2	202.1	249.3	296.0	343.6
-67.5°	27.9	32.6	37.3	44.8	62.8	80.7	98.5	130.6	163.4	193.3	225.1
-70°	25.2	27.6	31.5	35.7	39.8	47.3	62.8	78.2	93.2	110.9	136.1
-72.5°	23.0	25.0	27.2	29.5	33.1	36.7	40.2	43.7	52.6	64.8	76.3
-75°	20.7	22.3	24.0	26.0	28.0	30.2	32.6	35.7	38.5	41.3	44.0
-77.5°	18.5	19.9	21.2	22.6	23.9	25.6	27.4	29.3	30.9	32.5	34.2
-80°	16.5	17.5	18.6	19.8	20.7	21.7	22.7	23.8	24.7	25.6	26.7
-82.5°	14.8	15.4	16.2	17.0	17.6	18.1	18.5	19.2	20.1	20.9	21.7
-85°	13.1	13.4	13.7	14.1	14.8	15.4	16.0	16.5	16.9	17.3	17.8
-87.5°	11.6	11.7	11.8	11.9	12.5	13.0	13.6	14.1	14.3	14.5	14.7
-90°	2.9	2.5	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.4	13.4	13.4	13.4	13.4	13.8	14.3	14.7	15.1	15.1	15.1
87.5°	1.7	1.6	1.6	1.6	1.5	1.2	0.8	0.4	0.0	0.0	0.0
85°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	2.2	2.2	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	3.5	3.3	2.9	2.4	1.8	1.7	1.7	1.7	1.7	1.7	1.7
75°	4.8	4.7	4.6	4.2	3.5	3.3	3.3	3.2	3.0	3.1	3.2
72.5°	10.2	10.1	9.5	8.7	7.5	6.9	6.8	6.5	6.1	5.8	5.6
70°	18.5	17.9	16.8	14.9	12.4	10.7	9.8	8.6	7.2	6.6	6.6
67.5°	26.6	23.9	21.6	19.0	15.6	12.9	11.3	9.9	8.5	7.8	7.5
65°	30.8	24.6	20.5	17.3	14.9	12.5	10.8	9.3	7.9	7.1	6.9
62.5°	28.3	20.5	16.2	13.5	11.4	9.8	8.6	7.5	6.3	5.6	5.8
60°	23.1	15.8	12.1	10.6	9.4	8.5	7.4	6.4	5.5	5.1	5.6
57.5°	17.6	12.6	9.9	9.3	8.4	7.2	6.5	6.2	6.1	6.1	6.4
55°	13.1	11.1	10.0	8.9	7.8	7.1	6.8	7.0	6.9	6.7	6.7
52.5°	11.2	10.3	9.1	8.1	7.9	8.0	8.3	7.9	7.8	7.7	7.9
50°	11.0	10.1	9.2	8.4	8.7	8.7	8.5	8.8	9.2	9.4	9.5
47.5°	11.9	11.2	11.8	9.9	10.3	11.6	11.6	11.8	13.3	14.0	14.2
45°	15.6	19.0	19.0	17.5	16.9	24.4	24.9	20.9	34.0	32.6	23.0
42.5°	28.8	30.6	30.7	38.4	52.0	59.2	78.5	109.2	102.4	79.5	48.1
40°	47.7	45.4	55.3	71.1	86.8	105.4	131.9	184.2	175.3	140.3	154.2
37.5°	82.4	82.4	87.2	109.0	115.1	99.1	140.8	136.0	108.4	152.4	161.3
35°	150.7	165.8	140.8	174.5	179.1	164.7	172.7	190.9	165.1	197.6	211.5
32.5°	270.6	298.6	302.2	310.5	335.4	354.5	349.2	393.8	395.9	438.0	495.6
30°	432.6	490.5	550.6	560.0	591.0	641.4	666.8	756.5	851.6	913.8	1028.2
27.5°	760.4	774.6	895.5	990.6	952.8	1028.3	1217.1	1326.6	1508.3	1616.6	1731.7
25°	1221.2	1260.6	1430.8	1606.2	1629.6	1698.5	1972.9	2129.6	2316.9	2426.2	2663.5
22.5°	1806.0	1976.0	2163.4	2394.1	2488.6	2650.6	2917.4	3147.1	3537.3	4020.0	5060.2
20°	2457.5	2713.0	2964.9	3167.5	3362.6	3620.2	3944.8	5053.3	6366.9	10324.5	13055.1
17.5°	3015.0	3433.5	3674.2	3870.4	4115.2	4612.3	5900.8	9167.5	15467.0	24278.2	32343.6
15°	3448.5	3839.2	4226.5	4472.3	4855.0	5955.2	8576.9	16588.4	29641.9	44515.9	62514.9
12.5°	3792.2	4116.7	4441.9	4803.6	5510.9	7655.1	14325.1	26697.5	45679.6	69722.5	101631.4
10°	3977.8	4302.5	4616.3	5131.4	6440.4	10344.9	19692.7	36009.0	65801.2	103350.8	144016.5
7.5°	3976.5	4372.3	4760.4	5388.6	7387.9	13559.0	26015.5	48094.7	83333.7	130410.3	182763.7
5°	3974.3	4453.3	4859.8	5568.9	7980.5	15752.5	29940.2	54787.8	97609.6	150735.7	206793.3
2.5°	4012.9	4540.0	4924.1	5687.6	8255.1	16929.5	32117.3	60074.4	107590.3	162304.5	222206.5
0°	4103.6	4617.2	4961.8	5699.6	8222.3	17172.3	32370.5	61353.4	111431.5	169560.4	231030.1
-2.5°	4253.7	4606.1	4940.5	5651.4	8112.6	16671.3	31779.1	60237.7	106980.6	161486.3	220977.6
-5°	4163.4	4447.9	4743.7	5383.4	7574.6	14915.4	28625.9	53902.9	93826.5	142772.9	193735.4
-7.5°	3931.4	4219.8	4493.8	5045.5	6799.0	12308.6	23416.4	43301.5	74484.5	112603.7	152631.4
-10°	3720.0	3978.6	4236.6	4677.9	5809.4	9028.0	16756.4	30645.2	54382.2	83117.4	113706.8
-12.5°	3557.2	3774.5	3973.1	4268.9	4898.1	6695.8	12190.5	22498.6	36518.7	54813.0	77200.0
-15°	3414.0	3582.9	3729.0	4013.6	4481.4	5420.5	7596.1	13484.9	22220.8	33748.2	45972.2
-17.5°	3281.4	3443.4	3616.1	3832.9	4127.4	4578.2	5828.0	8305.0	13344.9	20874.9	28084.2
-20°	3213.7	3411.9	3560.3	3729.9	3979.9	4326.3	4765.5	5994.2	8071.5	12699.3	17386.8



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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°	3160.2	3349.3	3518.6	3715.4	3972.1	4245.6	4482.6	4857.8	5837.9	7291.3	9711.1
-25°	3095.1	3281.5	3531.9	3818.4	4038.9	4245.6	4365.9	4444.2	4864.7	5280.1	6206.5
-27.5°	2971.5	3266.9	3634.6	3943.9	4181.2	4309.5	4406.3	4469.7	4721.9	4969.5	5239.1
-30°	2861.0	3313.8	3710.9	4070.5	4277.1	4433.8	4560.1	4674.3	4848.6	5058.3	5156.4
-32.5°	2468.9	3301.1	3742.8	4073.7	4286.0	4471.0	4665.6	4771.2	4924.7	5078.3	5202.2
-35°	1939.2	2784.9	3708.3	3897.8	4108.5	4349.6	4583.5	4733.7	4889.9	5048.2	5194.1
-37.5°	1452.7	2085.1	2834.0	3518.8	3801.5	4048.4	4335.4	4566.8	4771.4	4943.9	5110.1
-40°	1273.3	1444.9	1995.7	2539.7	3117.4	3647.6	3931.3	4241.1	4548.9	4762.0	4951.6
-42.5°	1271.4	1337.1	1393.3	1757.9	2202.4	2658.4	3140.9	3590.6	4091.3	4442.2	4708.5
-45°	1279.5	1330.7	1383.1	1435.9	1484.4	1819.9	2171.7	2528.5	3051.0	3569.8	4018.2
-47.5°	1218.6	1317.3	1380.1	1430.7	1478.7	1525.8	1571.9	1668.1	2002.1	2355.7	2678.9
-50°	1122.0	1223.7	1317.2	1410.9	1466.0	1512.5	1562.6	1617.6	1671.1	1725.4	1761.5
-52.5°	1003.5	1103.7	1201.0	1290.0	1370.1	1448.8	1527.5	1591.4	1648.5	1704.2	1731.9
-55°	890.2	980.3	1069.0	1147.3	1225.5	1303.1	1381.4	1459.3	1536.7	1612.6	1651.5
-57.5°	764.5	852.0	935.4	1001.3	1067.7	1134.0	1205.1	1278.2	1348.8	1413.4	1447.5
-60°	631.1	706.1	777.5	841.5	903.7	963.5	1023.8	1084.9	1144.6	1197.1	1228.0
-62.5°	498.4	556.3	615.9	671.6	724.6	775.6	830.6	883.2	932.8	974.6	1003.8
-65°	390.2	433.5	471.6	510.2	549.4	594.3	639.6	682.5	722.6	755.8	780.7
-67.5°	265.0	304.7	339.7	372.5	402.6	433.1	465.6	496.9	526.5	550.9	570.2
-70°	160.2	182.6	202.5	224.7	250.9	276.7	302.4	326.1	347.7	365.4	379.5
-72.5°	87.1	96.5	106.7	122.7	137.3	151.9	166.3	179.5	191.5	202.2	211.4
-75°	46.8	50.9	58.2	64.9	70.7	76.7	82.4	87.6	92.4	96.3	99.5
-77.5°	36.1	38.1	39.9	41.5	42.9	44.2	45.5	46.7	47.8	49.0	50.0
-80°	27.8	29.1	30.5	31.8	33.0	33.8	34.5	35.1	35.6	36.4	37.1
-82.5°	22.4	22.9	23.6	24.2	24.9	25.5	26.2	26.9	27.5	27.8	28.0
-85°	18.3	18.5	18.8	19.0	19.2	19.4	19.6	19.7	19.9	19.9	20.0
-87.5°	14.8	14.8	14.9	14.9	14.9	15.4	15.8	16.2	16.6	16.7	16.7
-90°	1.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	14.7
87.5°	0.0	0.0	0.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.4
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.2
72.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.6	5.8	6.1	6.5
70°	6.6	6.6	6.7	6.7	6.7	6.6	6.6	6.6	6.6	7.2	8.6
67.5°	7.2	6.8	5.9	5.0	5.9	6.8	7.2	7.5	7.8	8.5	9.9
65°	6.8	6.7	5.9	5.0	5.9	6.7	6.8	6.9	7.1	7.9	9.3
62.5°	6.2	6.6	6.0	5.0	6.0	6.6	6.2	5.8	5.6	6.3	7.5
60°	6.1	6.6	6.7	6.7	6.7	6.6	6.1	5.6	5.1	5.5	6.4
57.5°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.1	6.1	6.2
55°	6.7	6.7	7.4	8.4	7.4	6.7	6.7	6.7	6.7	6.9	7.0
52.5°	8.1	8.3	8.4	8.4	8.4	8.3	8.1	7.9	7.7	7.8	7.9
50°	9.7	9.9	10.0	10.0	10.0	9.9	9.7	9.5	9.4	9.2	8.8
47.5°	14.2	13.7	13.3	13.4	13.3	13.7	14.2	14.2	14.0	13.3	11.8
45°	23.3	23.2	23.2	23.4	23.2	23.2	23.3	23.0	32.6	34.0	20.9
42.5°	46.8	42.2	38.5	40.1	38.5	42.2	46.8	48.1	79.5	102.4	109.2
40°	137.6	94.5	54.8	55.2	54.8	94.5	137.6	154.2	140.3	175.3	184.2
37.5°	128.6	103.8	93.7	92.0	93.7	103.8	128.6	161.3	152.4	108.4	136.0
35°	212.3	211.0	201.7	200.7	201.7	211.0	212.3	211.5	197.6	165.1	190.9
32.5°	517.9	539.1	532.3	523.6	532.3	539.1	517.9	495.6	438.0	395.9	393.8
30°	1082.4	1129.6	1120.1	1145.9	1120.1	1129.6	1082.4	1028.2	913.8	851.6	756.5
27.5°	1795.4	1826.2	1794.4	1785.0	1794.4	1826.2	1795.4	1731.7	1616.6	1508.3	1326.6
25°	2825.8	2885.6	2913.1	2969.4	2913.1	2885.6	2825.8	2663.5	2426.2	2316.9	2129.6
22.5°	6353.4	6723.6	6533.5	6363.7	6533.5	6723.6	6353.4	5060.2	4020.0	3537.3	3147.1
20°	18645.4	21938.5	21695.8	21262.5	21695.8	21938.5	18645.4	13055.1	10324.5	6366.9	5053.3
17.5°	44959.5	55076.5	61377.0	64692.5	61377.0	55076.5	44959.5	32343.6	24278.2	15467.0	9167.5
15°	83875.6	100892.4	110883.8	116550.6	110883.8	100892.4	83875.6	62514.9	44515.9	29641.9	16588.4
12.5°	132308.0	158979.6	176673.7	180056.2	176673.7	158979.6	132308.0	101631.4	69722.5	45679.6	26697.5
10°	185638.7	219798.8	247971.5	258246.4	247971.5	219798.8	185638.7	144016.5	103350.8	65801.2	36009.0
7.5°	231184.8	274777.1	312186.4	325491.8	312186.4	274777.1	231184.8	182763.7	130410.3	83333.7	48094.7
5°	264304.1	322130.9	355992.6	365129.4	355992.6	322130.9	264304.1	206793.3	150735.7	97609.6	54787.8
2.5°	291263.3	346155.3	382459.6	401177.8	382459.6	346155.3	291263.3	222206.5	162304.5	107590.3	60074.4
0°	303116.8	355868.2	395022.3	422484.6	395022.3	355868.2	303116.8	231030.1	169560.4	111431.5	61353.4
-2.5°	288549.8	342495.5	370347.8	382384.5	370347.8	342495.5	288549.8	220977.6	161486.3	106980.6	60237.7
-5°	245327.7	296181.2	324174.8	333068.3	324174.8	296181.2	245327.7	193735.4	142772.9	93826.5	53902.9
-7.5°	191365.8	226597.1	250749.1	259166.6	250749.1	226597.1	191365.8	152631.4	112603.7	74484.5	43301.5
-10°	144094.3	169361.2	182303.9	186678.3	182303.9	169361.2	144094.3	113706.8	83117.4	54382.2	30645.2
-12.5°	98943.0	117964.0	126330.3	131826.6	126330.3	117964.0	98943.0	77200.0	54813.0	36518.7	22498.6
-15°	60862.5	73262.8	79850.6	83611.3	79850.6	73262.8	60862.5	45972.2	33748.2	22220.8	13484.9
-17.5°	36977.1	43717.7	48083.4	50061.4	48083.4	43717.7	36977.1	28084.2	20874.9	13344.9	8305.0
-20°	22956.4	27444.3	29993.5	31455.4	29993.5	27444.3	22956.4	17386.8	12699.3	8071.5	5994.2



REPORT NUMBER: P1306137 (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°	12896.2	15358.7	16739.5	17220.8	16739.5	15358.7	12896.2	9711.1	7291.3	5837.9	4857.8
-25°	7171.4	7798.2	8072.5	8137.0	8072.5	7798.2	7171.4	6206.5	5280.1	4864.7	4444.2
-27.5°	5472.7	5606.4	5691.1	5716.3	5691.1	5606.4	5472.7	5239.1	4969.5	4721.9	4469.7
-30°	5249.6	5263.5	5286.8	5283.0	5286.8	5263.5	5249.6	5156.4	5058.3	4848.6	4674.3
-32.5°	5289.4	5294.6	5299.3	5291.4	5299.3	5294.6	5289.4	5202.2	5078.3	4924.7	4771.2
-35°	5273.7	5288.8	5300.7	5306.4	5300.7	5288.8	5273.7	5194.1	5048.2	4889.9	4733.7
-37.5°	5176.2	5197.0	5207.3	5197.7	5207.3	5197.0	5176.2	5110.1	4943.9	4771.4	4566.8
-40°	4997.2	5012.3	5013.3	5005.3	5013.3	5012.3	4997.2	4951.6	4762.0	4548.9	4241.1
-42.5°	4789.6	4842.4	4867.3	4868.1	4867.3	4842.4	4789.6	4708.5	4442.2	4091.3	3590.6
-45°	4302.5	4523.0	4653.8	4685.8	4653.8	4523.0	4302.5	4018.2	3569.8	3051.0	2528.5
-47.5°	2937.1	3156.2	3298.7	3352.5	3298.7	3156.2	2937.1	2678.9	2355.7	2002.1	1668.1
-50°	1787.8	1814.4	1826.1	1823.5	1826.1	1814.4	1787.8	1761.5	1725.4	1671.1	1617.6
-52.5°	1753.1	1774.1	1787.0	1793.3	1787.0	1774.1	1753.1	1731.9	1704.2	1648.5	1591.4
-55°	1683.4	1709.7	1723.2	1726.4	1723.2	1709.7	1683.4	1651.5	1612.6	1536.7	1459.3
-57.5°	1476.1	1499.0	1512.1	1517.3	1512.1	1499.0	1476.1	1447.5	1413.4	1348.8	1278.2
-60°	1253.0	1272.1	1280.5	1281.4	1280.5	1272.1	1253.0	1228.0	1197.1	1144.6	1084.9
-62.5°	1028.0	1047.1	1053.4	1052.3	1053.4	1047.1	1028.0	1003.8	974.6	932.8	883.2
-65°	801.5	818.1	821.3	818.0	821.3	818.1	801.5	780.7	755.8	722.6	682.5
-67.5°	586.4	599.4	603.1	602.2	603.1	599.4	586.4	570.2	550.9	526.5	496.9
-70°	390.7	399.1	398.8	394.8	398.8	399.1	390.7	379.5	365.4	347.7	326.1
-72.5°	219.3	225.6	230.7	234.2	230.7	225.6	219.3	211.4	202.2	191.5	179.5
-75°	102.1	104.1	106.7	108.7	106.7	104.1	102.1	99.5	96.3	92.4	87.6
-77.5°	50.9	51.6	52.6	53.5	52.6	51.6	50.9	50.0	49.0	47.8	46.7
-80°	37.7	38.3	38.5	38.5	38.5	38.3	37.7	37.1	36.4	35.6	35.1
-82.5°	28.2	28.3	28.4	28.4	28.4	28.3	28.2	28.0	27.8	27.5	26.9
-85°	20.0	20.1	20.9	21.7	20.9	20.1	20.0	20.0	19.9	19.9	19.7
-87.5°	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.6	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.3	13.8	13.4	13.4	13.4	13.4	13.4	13.0	12.6	12.1	11.7
87.5°	0.8	1.2	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
85°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.9	2.0	1.9
80°	1.7	1.7	1.7	1.9	2.1	2.2	2.2	2.4	2.7	2.9	3.0
77.5°	1.7	1.7	1.8	2.4	2.9	3.3	3.5	3.8	4.0	4.1	4.2
75°	3.3	3.3	3.5	4.2	4.6	4.7	4.8	4.7	4.7	4.8	5.0
72.5°	6.8	6.9	7.5	8.7	9.5	10.1	10.2	9.5	8.2	6.4	5.0
70°	9.8	10.7	12.4	14.9	16.8	17.9	18.5	18.1	16.4	14.6	11.1
67.5°	11.3	12.9	15.6	19.0	21.6	23.9	26.6	29.2	29.5	27.6	19.9
65°	10.8	12.5	14.9	17.3	20.5	24.6	30.8	34.6	37.0	38.0	31.3
62.5°	8.6	9.8	11.4	13.5	16.2	20.5	28.3	34.9	40.5	41.7	35.2
60°	7.4	8.5	9.4	10.6	12.1	15.8	23.1	31.5	41.3	40.3	36.1
57.5°	6.5	7.2	8.4	9.3	9.9	12.6	17.6	24.6	33.6	34.5	33.1
55°	6.8	7.1	7.8	8.9	10.0	11.1	13.1	17.4	23.8	25.7	26.2
52.5°	8.3	8.0	7.9	8.1	9.1	10.3	11.2	13.6	15.7	18.4	19.9
50°	8.5	8.7	8.7	8.4	9.2	10.1	11.0	11.7	12.9	14.2	15.3
47.5°	11.6	11.6	10.3	9.9	11.8	11.2	11.9	12.4	13.2	12.8	13.6
45°	24.9	24.4	16.9	17.5	19.0	19.0	15.6	16.7	16.0	15.0	13.4
42.5°	78.5	59.2	52.0	38.4	30.7	30.6	28.8	26.5	24.1	20.0	19.1
40°	131.9	105.4	86.8	71.1	55.3	45.4	47.7	40.6	36.3	30.9	30.7
37.5°	140.8	99.1	115.1	109.0	87.2	82.4	82.4	68.6	50.6	61.2	60.3
35°	172.7	164.7	179.1	174.5	140.8	165.8	150.7	117.9	99.3	110.4	103.6
32.5°	349.2	354.5	335.4	310.5	302.2	298.6	270.6	208.3	198.1	190.4	167.3
30°	666.8	641.4	591.0	560.0	550.6	490.5	432.6	436.9	377.4	292.3	249.8
27.5°	1217.1	1028.3	952.8	990.6	895.5	774.6	760.4	771.5	622.4	471.7	360.3
25°	1972.9	1698.5	1629.6	1606.2	1430.8	1260.6	1221.2	1170.9	999.6	708.3	497.9
22.5°	2917.4	2650.6	2488.6	2394.1	2163.4	1976.0	1806.0	1620.8	1447.2	1060.4	738.5
20°	3944.8	3620.2	3362.6	3167.5	2964.9	2713.0	2457.5	2138.6	1866.3	1498.7	1030.3
17.5°	5900.8	4612.3	4115.2	3870.4	3674.2	3433.5	3015.0	2602.0	2281.4	1958.2	1352.4
15°	8576.9	5955.2	4855.0	4472.3	4226.5	3839.2	3448.5	3008.7	2688.8	2373.5	1716.8
12.5°	14325.1	7655.1	5510.9	4803.6	4441.9	4116.7	3792.2	3394.0	3010.2	2595.5	1976.7
10°	19692.7	10344.9	6440.4	5131.4	4616.3	4302.5	3977.8	3516.9	3082.1	2713.1	2197.6
7.5°	26015.5	13559.0	7387.9	5388.6	4760.4	4372.3	3976.5	3504.5	3118.1	2793.0	2379.8
5°	29940.2	15752.5	7980.5	5568.9	4859.8	4453.3	3974.3	3439.7	3123.7	2841.5	2523.8
2.5°	32117.3	16929.5	8255.1	5687.6	4924.1	4540.0	4012.9	3408.6	3123.5	2851.1	2568.1
0°	32370.5	17172.3	8222.3	5699.6	4961.8	4617.2	4103.6	3421.1	3116.6	2843.9	2577.9
-2.5°	31779.1	16671.3	8112.6	5651.4	4940.5	4606.1	4253.7	3555.7	3192.1	2876.0	2566.5
-5°	28625.9	14915.4	7574.6	5383.4	4743.7	4447.9	4163.4	3578.0	3193.4	2872.7	2520.7
-7.5°	23416.4	12308.6	6799.0	5045.5	4493.8	4219.8	3931.4	3465.0	3061.8	2759.8	2374.3
-10°	16756.4	9028.0	5809.4	4677.9	4236.6	3978.6	3720.0	3309.1	2917.9	2634.9	2200.6
-12.5°	12190.5	6695.8	4898.1	4268.9	3973.1	3774.5	3557.2	3131.1	2763.5	2499.6	2003.2
-15°	7596.1	5420.5	4481.4	4013.6	3729.0	3582.9	3414.0	3034.6	2734.2	2399.0	1785.4
-17.5°	5828.0	4578.2	4127.4	3832.9	3616.1	3443.4	3281.4	3013.6	2722.1	2315.7	1593.0
-20°	4765.5	4326.3	3979.9	3729.9	3560.3	3411.9	3213.7	3005.3	2679.3	2094.3	1406.6



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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°	4482.6	4245.6	3972.1	3715.4	3518.6	3349.3	3160.2	2949.3	2608.1	1801.8	1202.3
-25°	4365.9	4245.6	4038.9	3818.4	3531.9	3281.5	3095.1	2818.0	2250.1	1512.9	1013.9
-27.5°	4406.3	4309.5	4181.2	3943.9	3634.6	3266.9	2971.5	2615.0	1841.4	1268.5	1002.6
-30°	4560.1	4433.8	4277.1	4070.5	3710.9	3313.8	2861.0	2144.7	1513.4	1069.0	994.4
-32.5°	4665.6	4471.0	4286.0	4073.7	3742.8	3301.1	2468.9	1699.2	1189.7	1057.9	994.1
-35°	4583.5	4349.6	4108.5	3897.8	3708.3	2784.9	1939.2	1343.1	1115.3	1047.1	992.0
-37.5°	4335.4	4048.4	3801.5	3518.8	2834.0	2085.1	1452.7	1194.4	1107.6	1038.8	956.3
-40°	3931.3	3647.6	3117.4	2539.7	1995.7	1444.9	1273.3	1190.7	1111.6	1007.2	903.1
-42.5°	3140.9	2658.4	2202.4	1757.9	1393.3	1337.1	1271.4	1197.3	1095.8	964.4	843.0
-45°	2171.7	1819.9	1484.4	1435.9	1383.1	1330.7	1279.5	1171.6	1044.4	909.3	781.2
-47.5°	1571.9	1525.8	1478.7	1430.7	1380.1	1317.3	1218.6	1109.9	971.2	842.3	729.9
-50°	1562.6	1512.5	1466.0	1410.9	1317.2	1223.7	1122.0	1012.4	887.2	774.2	668.6
-52.5°	1527.5	1448.8	1370.1	1290.0	1201.0	1103.7	1003.5	905.9	800.7	695.6	596.5
-55°	1381.4	1303.1	1225.5	1147.3	1069.0	980.3	890.2	797.6	703.4	607.5	521.4
-57.5°	1205.1	1134.0	1067.7	1001.3	935.4	852.0	764.5	679.6	600.1	518.4	443.0
-60°	1023.8	963.5	903.7	841.5	777.5	706.1	631.1	559.5	491.8	431.0	370.3
-62.5°	830.6	775.6	724.6	671.6	615.9	556.3	498.4	448.4	398.5	346.3	289.1
-65°	639.6	594.3	549.4	510.2	471.6	433.5	390.2	343.6	296.0	249.3	202.1
-67.5°	465.6	433.1	402.6	372.5	339.7	304.7	265.0	225.1	193.3	163.4	130.6
-70°	302.4	276.7	250.9	224.7	202.5	182.6	160.2	136.1	110.9	93.2	78.2
-72.5°	166.3	151.9	137.3	122.7	106.7	96.5	87.1	76.3	64.8	52.6	43.7
-75°	82.4	76.7	70.7	64.9	58.2	50.9	46.8	44.0	41.3	38.5	35.7
-77.5°	45.5	44.2	42.9	41.5	39.9	38.1	36.1	34.2	32.5	30.9	29.3
-80°	34.5	33.8	33.0	31.8	30.5	29.1	27.8	26.7	25.6	24.7	23.8
-82.5°	26.2	25.5	24.9	24.2	23.6	22.9	22.4	21.7	20.9	20.1	19.2
-85°	19.6	19.4	19.2	19.0	18.8	18.5	18.3	17.8	17.3	16.9	16.5
-87.5°	15.8	15.4	14.9	14.9	14.9	14.8	14.8	14.7	14.5	14.3	14.1
-90°	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7



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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°	11.3	10.9	10.4	10.0	10.0	10.0	10.0	10.0	9.6	9.2	8.8
87.5°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6	3.7
85°	2.1	2.5	2.9	3.3	3.3	3.3	3.3	3.3	3.6	3.9	4.1
82.5°	2.2	2.5	2.9	3.3	3.6	3.7	3.8	3.8	3.9	4.2	4.5
80°	3.0	3.0	3.1	3.4	3.8	4.2	4.4	4.5	4.4	4.5	4.7
77.5°	3.9	3.6	3.3	3.4	3.8	4.3	4.7	5.0	4.9	4.8	4.8
75°	5.0	4.7	4.4	4.1	4.1	4.3	4.7	5.0	5.0	5.0	4.9
72.5°	5.0	5.0	5.0	5.0	4.7	4.6	4.8	5.0	5.0	5.0	5.0
70°	7.8	5.5	5.0	5.0	5.0	5.0	4.9	5.1	5.0	5.0	5.0
67.5°	12.7	9.0	6.4	5.2	5.0	5.0	5.0	5.2	5.3	5.0	5.0
65°	22.3	14.4	8.2	6.8	5.6	5.0	5.0	5.4	5.5	5.4	5.0
62.5°	28.8	21.6	14.3	9.3	6.8	5.7	5.0	5.4	5.8	5.8	5.3
60°	31.8	25.1	19.8	14.3	9.4	6.6	5.7	5.5	5.9	6.2	5.8
57.5°	29.4	26.9	23.0	18.3	13.2	8.5	6.5	6.0	6.0	6.3	6.2
55°	25.0	23.5	24.5	21.2	16.3	11.3	7.9	6.7	6.2	6.4	6.7
52.5°	19.7	21.1	23.4	23.0	18.9	13.9	10.2	7.4	6.8	6.5	6.9
50°	15.8	18.9	22.3	23.4	21.1	16.5	12.3	9.1	7.4	6.7	6.9
47.5°	14.6	17.7	20.6	23.9	22.7	19.1	14.5	10.7	8.1	7.3	7.0
45°	16.1	17.3	19.7	22.6	24.6	21.0	16.8	12.1	9.2	7.9	7.1
42.5°	19.7	20.0	20.0	21.5	24.2	22.7	18.9	13.9	10.2	8.5	7.5
40°	28.3	25.2	21.9	23.7	24.2	24.3	20.4	15.7	11.1	9.3	8.0
37.5°	39.4	34.2	28.2	29.7	26.3	24.9	21.8	17.4	12.5	10.2	8.6
35°	76.1	46.6	48.0	44.1	34.7	26.2	23.1	18.9	14.5	11.2	9.2
32.5°	123.5	89.7	88.4	68.2	45.9	28.1	24.5	21.0	16.5	12.1	9.9
30°	202.7	186.6	147.0	98.5	63.4	38.6	27.2	23.1	18.6	12.9	10.5
27.5°	327.5	301.8	227.0	152.6	92.4	52.3	32.0	25.5	20.7	14.1	11.2
25°	453.8	421.1	337.9	224.2	125.6	81.2	37.9	28.0	22.7	15.8	11.9
22.5°	579.9	537.2	461.0	306.8	175.7	118.4	53.0	32.6	24.7	17.4	12.6
20°	700.4	652.5	584.6	375.7	236.7	162.6	80.2	37.8	26.7	19.0	13.2
17.5°	840.4	740.3	638.2	448.4	297.4	207.0	111.6	43.4	28.7	20.6	13.8
15°	1055.8	793.0	686.6	513.1	349.9	251.1	146.1	49.3	30.7	22.0	14.4
12.5°	1251.5	842.1	734.4	569.9	395.0	294.6	182.7	55.4	32.7	23.3	14.9
10°	1434.4	887.5	780.8	619.0	433.5	337.1	220.2	61.6	35.2	24.3	15.3
7.5°	1600.2	929.3	824.8	660.5	463.5	364.7	245.4	67.8	37.9	25.2	15.7
5°	1730.8	962.2	861.0	690.0	475.0	375.2	265.4	73.6	40.5	25.9	16.1
2.5°	1774.1	983.3	889.9	713.0	484.0	382.2	281.3	78.9	43.0	26.4	16.4
0°	1783.3	1000.4	913.4	729.4	490.2	386.4	292.8	83.6	45.2	26.8	16.7
-2.5°	1774.5	1002.3	914.4	743.4	509.4	398.3	303.2	104.2	59.5	34.9	20.6
-5°	1734.1	1001.2	910.8	750.5	525.2	407.8	309.5	123.7	73.2	42.6	24.4
-7.5°	1626.9	987.6	898.3	749.6	536.9	415.1	312.5	141.8	85.9	49.8	27.9
-10°	1488.6	964.8	874.8	733.7	544.5	424.0	313.6	158.0	97.3	56.3	31.0
-12.5°	1332.1	938.9	851.5	715.8	549.4	434.2	316.4	171.9	107.2	61.9	33.7
-15°	1161.2	909.9	829.8	697.3	551.8	442.0	316.2	183.1	115.6	67.3	35.8
-17.5°	985.4	877.8	811.0	679.5	552.1	447.5	313.3	191.7	122.6	72.7	38.3
-20°	951.9	864.3	793.6	663.7	550.4	450.6	307.8	197.2	128.1	76.8	40.8



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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°	943.8	868.7	779.9	655.7	548.5	451.5	300.1	199.5	132.0	79.4	42.2
-25°	935.3	873.9	765.3	646.4	546.2	438.3	295.9	198.4	134.3	80.4	42.6
-27.5°	936.1	872.6	746.7	631.0	533.8	423.0	293.6	200.0	135.0	79.8	41.9
-30°	942.2	847.9	724.8	610.7	516.9	397.7	286.7	199.5	134.0	78.5	39.9
-32.5°	935.8	819.2	696.1	588.8	489.1	371.3	272.4	196.8	130.7	76.2	38.7
-35°	894.4	780.4	660.9	561.5	457.2	350.6	257.3	191.9	124.9	72.2	37.2
-37.5°	848.5	733.6	626.1	528.1	424.7	327.2	245.2	180.0	116.7	66.3	34.9
-40°	794.6	687.1	587.8	491.9	394.9	301.3	230.2	165.4	107.8	58.6	31.7
-42.5°	738.3	642.3	546.9	454.9	363.8	281.1	212.0	148.4	95.6	52.5	27.7
-45°	686.7	593.9	502.2	415.7	331.3	257.6	190.4	129.5	81.4	46.8	24.5
-47.5°	631.0	540.6	455.1	373.5	300.8	230.6	166.1	111.8	66.0	40.0	23.6
-50°	568.7	485.1	406.1	333.3	265.8	200.3	140.4	92.2	56.4	31.7	22.4
-52.5°	507.1	428.8	358.0	292.0	227.7	167.0	116.1	72.0	46.1	27.8	21.0
-55°	442.0	373.5	309.8	246.6	186.4	135.7	89.9	59.0	34.9	25.8	19.6
-57.5°	378.5	317.9	256.1	197.2	146.9	103.2	69.7	45.2	30.2	23.6	19.1
-60°	311.6	253.4	197.9	150.6	108.0	75.7	52.8	34.2	27.4	21.5	18.4
-62.5°	235.1	186.4	145.1	104.7	76.5	55.1	37.4	30.5	24.3	20.6	17.7
-65°	164.2	127.4	93.2	72.4	52.5	38.0	32.7	26.7	22.6	19.6	16.9
-67.5°	98.5	80.7	62.8	44.8	37.3	32.6	27.9	24.3	21.3	18.5	16.1
-70°	62.8	47.3	39.8	35.7	31.5	27.6	25.2	22.6	19.9	17.4	15.2
-72.5°	40.2	36.7	33.1	29.5	27.2	25.0	23.0	20.8	18.4	16.2	14.2
-75°	32.6	30.2	28.0	26.0	24.0	22.3	20.7	18.9	16.9	15.0	13.3
-77.5°	27.4	25.6	23.9	22.6	21.2	19.9	18.5	17.0	15.4	13.9	12.4
-80°	22.7	21.7	20.7	19.8	18.6	17.5	16.5	15.5	14.2	12.8	11.4
-82.5°	18.5	18.1	17.6	17.0	16.2	15.4	14.8	14.2	13.0	11.7	10.6
-85°	16.0	15.4	14.8	14.1	13.7	13.4	13.1	12.8	11.8	10.9	10.0
-87.5°	13.6	13.0	12.5	11.9	11.8	11.7	11.6	11.4	10.7	10.1	9.4
-90°	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.4	8.0	7.6	7.1	6.7	5.9	5.0
87.5°	3.7	4.0	4.3	4.6	5.0	5.0	5.0
85°	4.2	4.3	4.4	4.7	5.0	5.1	5.0
82.5°	4.6	4.6	4.6	4.7	5.0	5.1	5.0
80°	5.0	4.8	4.7	4.8	5.0	5.1	5.0
77.5°	5.0	5.0	4.9	4.9	5.0	5.2	5.0
75°	5.0	5.1	5.0	4.9	5.0	5.2	5.0
72.5°	5.1	5.3	5.2	5.0	5.0	5.3	5.0
70°	5.1	5.4	5.3	5.0	5.1	5.3	5.0
67.5°	5.2	5.5	5.5	5.2	5.1	5.3	5.0
65°	5.2	5.6	5.7	5.4	5.1	5.4	5.0
62.5°	5.3	5.7	5.9	5.5	5.2	5.4	5.0
60°	5.3	5.7	6.1	5.7	5.2	5.5	5.0
57.5°	5.7	5.7	6.1	5.9	5.4	5.5	5.0
55°	6.2	5.8	6.2	6.1	5.5	5.6	5.0
52.5°	6.6	5.9	6.2	6.3	5.6	5.6	5.0
50°	7.0	6.2	6.2	6.5	5.8	5.7	5.0
47.5°	7.4	6.6	6.3	6.6	5.9	5.7	5.0
45°	7.4	6.9	6.3	6.6	6.0	5.8	5.0
42.5°	7.5	7.2	6.4	6.7	6.1	5.8	5.0
40°	7.6	7.6	6.5	6.7	6.2	5.9	5.0
37.5°	7.7	7.9	6.8	6.8	6.3	5.9	5.0
35°	7.8	8.0	7.0	6.8	6.3	6.0	5.0
32.5°	8.0	8.1	7.3	6.9	6.4	6.0	5.0
30°	8.5	8.2	7.5	7.0	6.5	6.1	5.0
27.5°	9.0	8.3	7.7	7.0	6.5	6.2	5.0
25°	9.5	8.3	7.9	7.1	6.6	6.2	5.0
22.5°	9.9	8.4	8.0	7.3	6.6	6.3	5.0
20°	10.4	8.5	8.1	7.4	6.6	6.3	5.0
17.5°	10.9	8.7	8.2	7.5	6.7	6.4	5.0
15°	11.4	8.9	8.3	7.6	6.7	6.4	5.0
12.5°	11.8	9.0	8.3	7.8	6.7	6.5	5.0
10°	12.2	9.2	8.4	7.9	6.7	6.5	5.0
7.5°	12.5	9.4	8.4	8.0	6.7	6.6	5.0
5°	12.9	9.6	8.4	8.2	6.7	6.6	5.0
2.5°	13.2	9.8	8.4	8.3	6.7	6.7	5.0
0°	13.4	10.0	8.4	8.4	6.7	6.7	5.0
-2.5°	14.7	10.6	8.7	8.5	6.8	6.7	5.0
-5°	16.0	11.1	9.0	8.6	6.8	6.8	5.0
-7.5°	17.1	11.6	9.3	8.7	6.9	6.8	5.0
-10°	18.2	12.1	9.5	8.7	7.0	6.8	5.0
-12.5°	19.1	12.5	9.8	8.8	7.1	6.8	5.0
-15°	19.8	12.9	10.0	8.9	7.1	6.9	5.0
-17.5°	20.4	13.2	10.2	8.9	7.2	6.9	5.0
-20°	21.0	13.5	10.4	8.9	7.3	6.9	5.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.8	13.7	10.5	8.9	7.4	6.9	5.0
-25°	22.2	13.9	10.7	9.0	7.4	6.9	5.0
-27.5°	22.0	14.0	10.8	9.0	7.5	6.9	5.0
-30°	21.3	14.1	10.8	8.9	7.6	6.9	5.0
-32.5°	20.1	14.1	10.9	8.9	7.6	6.9	5.0
-35°	19.5	14.0	11.0	8.9	7.7	6.9	5.0
-37.5°	19.3	13.9	11.1	8.9	7.7	6.9	5.0
-40°	19.0	13.9	11.1	8.8	7.8	6.8	5.0
-42.5°	18.5	13.9	11.1	8.8	7.9	6.8	5.0
-45°	17.9	13.9	11.1	8.8	7.9	6.8	5.0
-47.5°	17.1	13.8	11.0	8.7	8.0	6.8	5.0
-50°	16.8	13.6	10.9	8.8	8.0	6.7	5.0
-52.5°	16.5	13.4	10.8	8.8	8.0	6.7	5.0
-55°	16.2	13.2	10.6	8.9	8.1	6.7	5.0
-57.5°	15.8	12.9	10.4	8.9	8.1	6.6	5.0
-60°	15.3	12.6	10.2	8.9	8.2	6.6	5.0
-62.5°	14.8	12.2	10.1	8.9	8.1	6.5	5.0
-65°	14.3	11.8	10.0	8.9	8.0	6.5	5.0
-67.5°	13.7	11.5	9.8	8.8	7.9	6.4	5.0
-70°	13.1	11.1	9.6	8.7	7.8	6.4	5.0
-72.5°	12.4	10.7	9.4	8.6	7.6	6.3	5.0
-75°	11.7	10.2	9.2	8.4	7.5	6.3	5.0
-77.5°	10.9	9.7	8.9	8.2	7.4	6.2	5.0
-80°	10.1	9.3	8.7	8.0	7.3	6.1	5.0
-82.5°	9.6	9.0	8.4	7.8	7.1	6.1	5.0
-85°	9.2	8.7	8.1	7.6	7.0	6.0	5.0
-87.5°	8.8	8.3	7.8	7.3	6.8	5.9	5.0
-90°	3.3	3.7	4.2	4.6	5.0	5.0	5.0

(END OF REPORT)