

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: P1306133 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

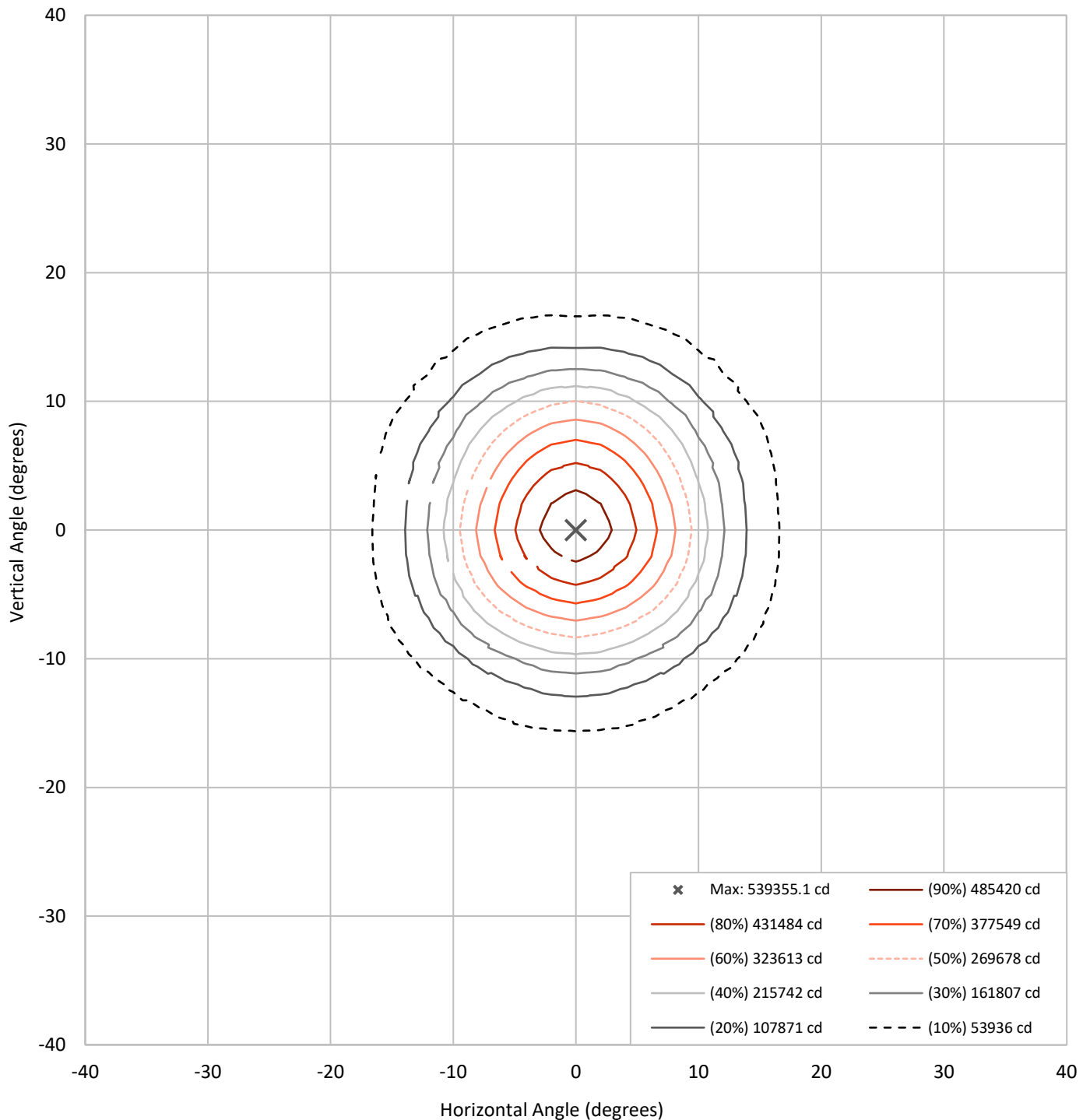
Test Method: LM-79-08
Report Number: P1306133 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S 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:	64966.1 lumens	Max Intensity:	539355.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	30311.3 lumens	Field Lumens:	55053.6 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	566		
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





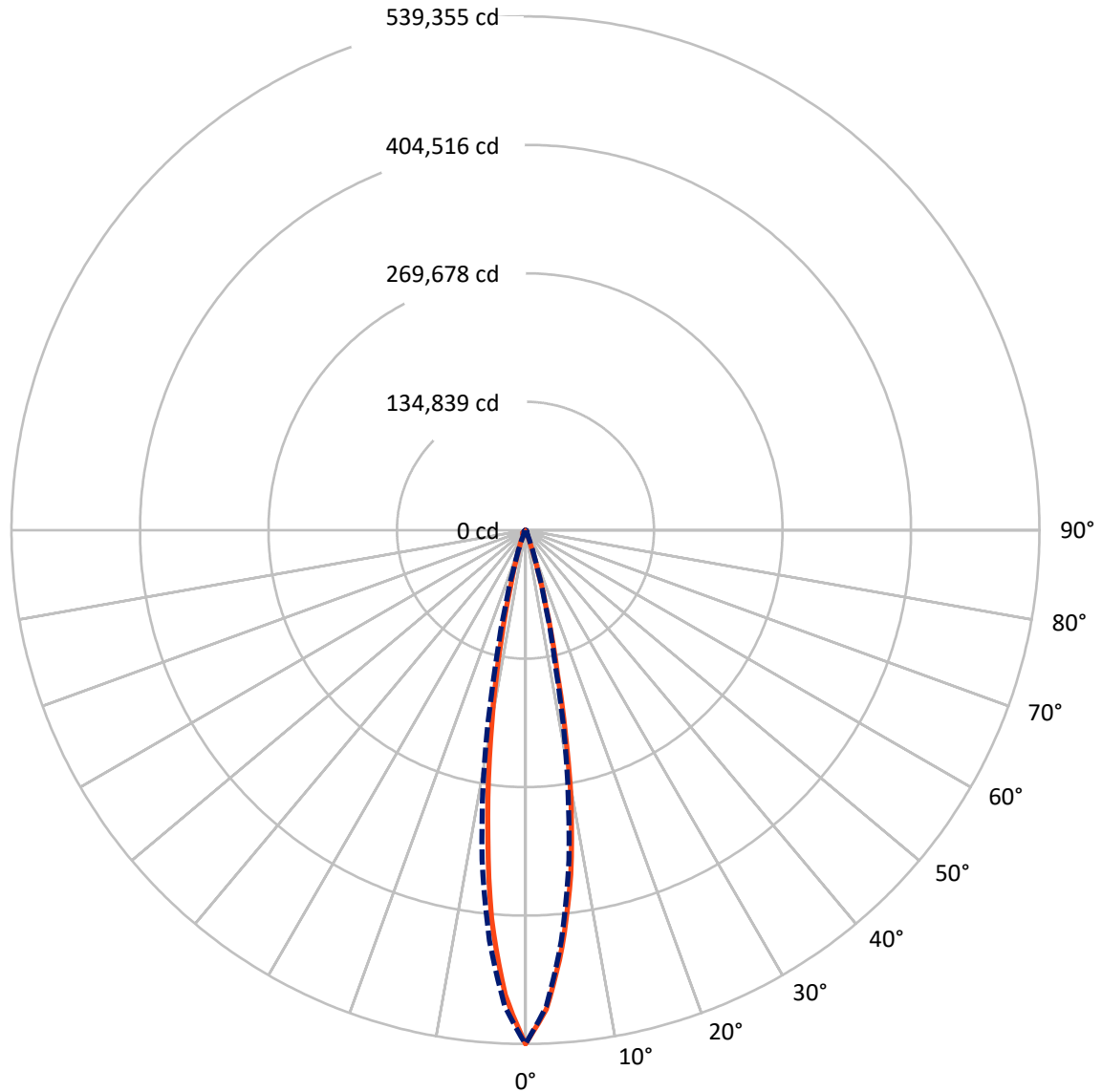
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Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1						
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1						
70	0.1	0.1	0.1	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.1	0.1	0.1	
60		0.1	0.3	0.5	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.3	0.1		
50	0.2	0.2	0.4	0.4	0.5	0.7	1.1	0.8	0.8	1.1	0.7	0.5	0.4	0.4	0.2	0.2	
40		0.2	0.8	1.8	3.6	5.2	7.4	9.1	9.1	7.4	5.2	3.6	1.8	0.8	0.2		
30	0.2	0.5	3.5	11.2	26.5	36.0	57.7	102.9	102.9	57.7	36.0	26.5	11.2	3.5	0.5	0.2	
20		1.1	7.5	32.4	65.3	86.4	631.9	2546.3	2546.3	631.9	86.4	65.3	32.4	7.5	1.1		
10	0.3	1.8	9.7	43.7	72.6	158.8	2367.2	10223.0	10223.0	2367.2	158.8	72.6	43.7	9.7	1.8	0.3	
0		2.2	10.2	42.9	72.5	154.1	2264.6	9470.2	9470.2	2264.6	154.1	72.5	42.9	10.2	2.2		
-10	0.5	2.6	9.8	34.4	66.8	84.4	504.3	1890.8	1890.8	504.3	84.4	66.8	34.4	9.8	2.6	0.5	
-20		2.6	9.6	23.8	66.2	83.0	94.0	162.3	162.3	94.0	83.0	66.2	23.8	9.6	2.6		
-30	0.4	2.3	8.7	16.8	47.0	97.4	114.0	117.5	117.5	114.0	97.4	47.0	16.8	8.7	2.3	0.4	
-40		1.6	6.6	14.8	24.9	44.8	81.2	110.2	110.2	81.2	44.8	24.9	14.8	6.6	1.6		
-50	0.3	0.8	3.8	10.0	19.0	27.7	34.9	39.2	39.2	34.9	27.7	19.0	10.0	3.8	0.8	0.3	
-60		0.4	1.3	3.9	8.2	13.4	18.5	21.6	21.6	18.5	13.4	8.2	3.9	1.3	0.4		
-70	0.2	0.4	1.3	3.9	8.2	13.4	18.5	21.6	21.6	18.5	13.4	8.2	3.9	1.3	0.4	0.2	
-80		0.2	1.1	2.9	6.8	9.2	6.8	2.9	1.1	0.2							
-90	0.2	1.1	2.9	6.8	9.2	6.8	2.9	1.1	0.2								

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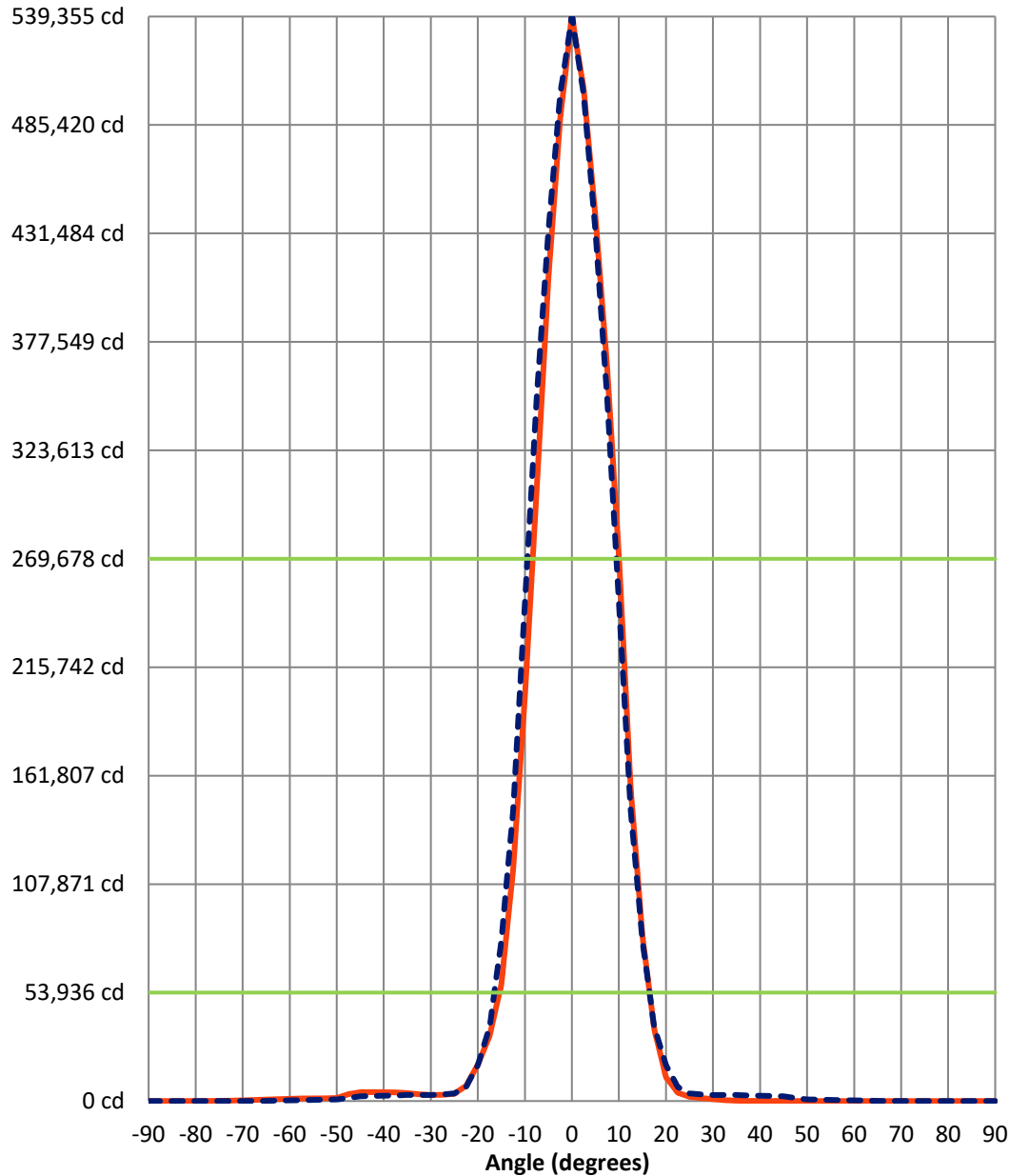
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.9°
V Angle: 18.3°
Lumens: 30311.3
Efficiency: 46.7%

Field:
H Angle: 33°
V Angle: 31.9°
Lumens: 55053.6
Efficiency: 84.7%

Spill:
Lumens: 9912.5
Efficiency: 15.3%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.9	3.9	3.9	4.6	5.2	5.9	6.5	7.2	7.8	8.5	9.1
87.5°	3.9	3.9	3.9	3.6	3.4	3.1	2.9	2.9	2.8	2.7	2.6
85°	3.9	4.0	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.6
82.5°	3.9	4.0	3.9	3.7	3.6	3.6	3.6	3.5	3.3	3.1	3.0
80°	3.9	4.0	3.9	3.8	3.7	3.8	3.9	3.9	3.8	3.6	3.5
77.5°	3.9	4.0	3.9	3.8	3.8	4.0	4.3	4.3	4.2	4.2	4.0
75°	3.9	4.1	3.9	3.8	3.9	4.3	4.6	4.7	4.6	4.3	4.0
72.5°	3.9	4.1	3.9	3.9	4.2	4.5	4.9	5.0	4.7	4.3	4.0
70°	3.9	4.1	4.0	3.9	4.4	4.8	5.2	5.0	4.7	4.4	4.5
67.5°	3.9	4.2	4.0	4.1	4.6	5.1	5.2	5.0	4.7	4.9	5.1
65°	3.9	4.2	4.0	4.2	4.8	5.2	5.3	5.1	5.2	5.4	5.5
62.5°	3.9	4.2	4.0	4.4	5.0	5.3	5.4	5.4	5.6	5.9	5.7
60°	3.9	4.3	4.1	4.5	5.2	5.5	5.4	5.8	6.1	6.2	5.9
57.5°	3.9	4.3	4.2	4.7	5.3	5.6	5.8	6.1	6.5	6.5	6.4
55°	3.9	4.3	4.3	4.8	5.5	5.7	6.1	6.5	6.9	6.9	7.1
52.5°	3.9	4.4	4.4	5.0	5.6	5.9	6.4	6.9	7.3	7.5	7.7
50°	3.9	4.4	4.6	5.1	5.7	6.2	6.7	7.4	7.8	8.0	8.9
47.5°	3.9	4.5	4.7	5.2	5.9	6.4	7.0	7.8	8.2	8.6	10.0
45°	3.9	4.5	4.8	5.3	6.0	6.7	7.5	8.3	8.7	9.5	11.1
42.5°	3.9	4.5	4.9	5.5	6.2	6.9	7.9	8.7	9.2	10.4	13.2
40°	3.9	4.6	5.1	5.6	6.4	7.2	8.3	9.1	9.8	11.3	15.2
37.5°	3.9	4.6	5.2	5.8	6.6	7.4	8.8	9.6	10.6	12.5	17.1
35°	3.9	4.7	5.3	6.0	6.8	7.7	9.2	9.9	11.5	14.3	18.6
32.5°	3.9	4.7	5.4	6.1	6.9	8.1	9.6	10.3	12.3	16.1	20.2
30°	3.9	4.7	5.5	6.3	7.1	8.4	10.0	10.8	13.2	17.8	22.1
27.5°	3.9	4.8	5.6	6.5	7.3	8.8	10.3	11.5	14.2	19.4	24.2
25°	3.9	4.8	5.7	6.6	7.5	9.1	10.6	12.2	15.6	21.1	26.7
22.5°	3.9	4.9	5.8	6.8	7.7	9.4	10.9	12.9	16.9	23.0	30.4
20°	3.9	4.9	5.9	6.9	7.9	9.7	11.2	13.5	18.0	24.9	34.4
17.5°	3.9	5.0	6.0	7.0	8.1	9.9	11.4	14.2	19.1	26.9	38.7
15°	3.9	5.0	6.1	7.2	8.2	10.0	11.6	14.7	20.1	29.0	43.1
12.5°	3.9	5.0	6.2	7.3	8.4	10.2	11.9	15.2	21.0	31.1	47.6
10°	3.9	5.1	6.2	7.4	8.6	10.3	12.1	15.7	22.0	33.0	52.1
7.5°	3.9	5.1	6.3	7.5	8.7	10.3	12.4	16.0	22.8	34.8	56.4
5°	3.9	5.1	6.4	7.6	8.9	10.4	12.6	16.4	23.5	36.4	60.5
2.5°	3.9	5.2	6.4	7.7	9.0	10.4	12.8	16.7	24.2	37.8	64.3
0°	3.9	5.2	6.5	7.8	9.1	10.4	13.0	16.9	24.7	39.0	67.6
-2.5°	3.9	5.2	6.6	7.9	9.3	11.0	14.2	20.1	31.7	51.5	87.0
-5°	3.9	5.3	6.6	8.0	9.5	11.5	15.3	23.2	38.4	63.5	105.4
-7.5°	3.9	5.3	6.6	8.0	9.7	12.0	16.4	26.1	44.7	74.6	122.4
-10°	3.9	5.3	6.7	8.1	9.9	12.5	17.4	28.7	50.3	84.7	137.8
-12.5°	3.9	5.3	6.7	8.1	10.1	12.9	18.3	30.9	55.1	93.5	150.7
-15°	3.9	5.3	6.7	8.2	10.2	13.3	19.0	32.7	59.6	101.4	161.2
-17.5°	3.9	5.3	6.8	8.2	10.3	13.6	19.6	34.7	64.1	107.8	169.4
-20°	3.9	5.3	6.8	8.2	10.4	13.8	20.3	36.7	67.4	112.7	174.9



REPORT NUMBER: P1306133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.9	5.3	6.8	8.3	10.4	14.0	21.0	37.8	69.5	115.8	177.8
-25°	3.9	5.3	6.8	8.3	10.4	14.1	21.3	38.0	70.1	117.1	177.6
-27.5°	3.9	5.3	6.8	8.3	10.4	14.2	21.2	37.3	69.3	117.0	178.5
-30°	3.9	5.3	6.8	8.3	10.3	14.2	20.8	35.5	68.0	115.9	177.0
-32.5°	3.9	5.3	6.8	8.2	10.3	14.1	19.9	34.6	66.0	112.7	173.0
-35°	3.9	5.3	6.8	8.2	10.3	13.9	19.4	33.5	62.5	107.4	166.4
-37.5°	3.9	5.2	6.8	8.2	10.2	13.6	19.1	31.8	57.4	100.0	155.8
-40°	3.9	5.2	6.7	8.1	10.0	13.5	18.7	29.4	50.8	92.2	143.5
-42.5°	3.9	5.2	6.7	8.1	9.9	13.3	18.2	26.3	45.9	82.2	128.9
-45°	3.9	5.1	6.7	8.1	9.9	13.0	17.5	23.8	41.5	70.5	112.6
-47.5°	3.9	5.1	6.6	8.0	9.9	12.7	16.7	22.9	36.3	57.5	97.7
-50°	3.9	5.1	6.6	8.0	9.8	12.3	16.1	21.7	30.0	50.2	81.1
-52.5°	3.9	5.0	6.5	7.9	9.7	11.8	15.5	20.4	26.9	42.2	63.9
-55°	3.9	5.0	6.5	7.8	9.5	11.6	14.8	19.0	25.1	33.4	53.6
-57.5°	3.9	4.9	6.4	7.7	9.4	11.3	14.0	18.0	23.1	29.5	42.4
-60°	3.9	4.8	6.3	7.5	9.2	11.1	13.2	16.9	21.1	26.9	33.4
-62.5°	3.9	4.8	6.2	7.4	8.9	10.8	12.8	15.8	19.9	24.2	30.2
-65°	3.9	4.7	6.0	7.2	8.6	10.5	12.4	14.8	18.5	22.4	26.8
-67.5°	3.9	4.6	5.8	7.0	8.3	10.1	11.9	14.2	17.1	20.8	24.5
-70°	3.9	4.6	5.6	6.8	8.0	9.5	11.4	13.6	16.2	19.2	22.7
-72.5°	3.9	4.5	5.4	6.5	7.6	8.9	10.6	12.8	15.2	17.9	20.9
-75°	3.9	4.4	5.2	6.3	7.2	8.3	9.8	11.9	14.1	16.4	19.1
-77.5°	3.9	4.3	5.0	6.0	6.8	7.7	8.8	10.8	12.9	15.0	17.1
-80°	3.9	4.2	4.8	5.7	6.5	7.2	7.9	9.7	11.7	13.6	15.5
-82.5°	3.9	4.2	4.6	5.4	6.2	6.9	7.5	8.8	10.4	12.2	13.9
-85°	3.9	4.1	4.4	5.1	5.9	6.5	7.2	8.3	9.5	10.9	12.4
-87.5°	3.9	4.0	4.1	4.8	5.5	6.2	6.8	7.7	8.7	9.7	10.7
-90°	3.9	3.9	3.9	3.6	3.3	2.9	2.6	2.6	2.6	2.6	2.6



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 CATALOG NUMBER: EPH-08-530N-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.1	9.1	9.1	9.1	9.4	9.8	10.1	10.4	10.7	11.1	11.4
87.5°	2.4	2.3	2.2	2.0	1.9	1.7	1.5	1.3	1.3	1.3	1.3
85°	2.6	2.6	2.6	2.6	2.4	2.1	2.0	1.8	1.8	1.7	1.5
82.5°	3.0	2.9	2.8	2.6	2.5	2.6	2.6	2.6	2.4	2.2	2.0
80°	3.5	3.3	3.1	3.0	3.0	3.0	2.9	2.6	2.6	2.7	2.8
77.5°	3.7	3.6	3.6	3.7	3.7	3.4	3.3	3.3	3.5	3.7	3.8
75°	3.8	3.9	4.0	4.0	3.8	3.8	3.9	4.2	4.3	4.3	4.2
72.5°	4.1	4.3	4.2	4.1	4.2	4.5	4.8	5.1	5.7	6.4	7.1
70°	4.6	4.7	4.6	4.7	4.9	5.5	6.6	8.0	9.5	11.1	13.5
67.5°	5.1	5.0	5.0	5.4	6.2	7.5	9.1	14.3	20.4	22.9	23.7
65°	5.2	5.2	5.7	6.6	7.7	11.8	17.5	24.6	31.3	32.0	30.9
62.5°	5.3	5.7	6.6	8.5	12.3	17.8	24.0	30.8	38.3	38.6	33.8
60°	5.8	6.4	8.4	12.1	16.6	21.6	28.4	33.8	40.0	42.9	32.8
57.5°	6.5	7.7	10.9	15.3	19.9	23.6	27.2	32.8	36.1	36.7	27.0
55°	7.5	9.2	13.4	18.4	21.8	20.9	23.9	27.0	28.3	26.3	18.8
52.5°	9.1	11.1	16.4	20.7	21.4	19.6	19.6	21.1	19.6	16.9	14.7
50°	10.5	14.4	19.2	21.9	21.3	18.7	15.8	15.5	15.0	14.0	12.7
47.5°	12.9	17.4	21.5	23.2	20.5	17.8	14.4	13.9	13.9	13.3	12.2
45°	15.5	19.8	24.1	22.5	20.0	17.3	16.0	14.3	14.3	14.4	15.2
42.5°	17.9	21.8	23.9	21.9	20.2	19.5	19.2	17.1	17.0	20.5	21.8
40°	19.6	23.5	23.9	23.6	21.8	23.6	24.1	24.3	25.4	29.1	31.0
37.5°	20.9	24.1	25.6	28.1	26.4	29.2	30.5	44.8	46.5	39.2	53.9
35°	22.0	25.3	31.9	38.9	41.2	36.6	55.3	74.8	81.5	77.1	93.7
32.5°	23.3	27.0	40.3	57.2	72.7	68.8	86.9	120.7	142.2	153.2	166.4
30°	25.6	34.9	53.5	80.5	120.5	144.5	145.9	181.7	221.4	291.8	355.3
27.5°	29.6	45.3	75.9	124.8	186.4	236.5	245.8	268.9	359.7	493.0	660.7
25°	34.3	70.4	101.6	184.9	275.6	332.0	348.4	387.7	545.3	851.0	1016.7
22.5°	47.0	103.8	145.1	255.0	375.7	424.4	458.6	601.7	886.1	1290.1	1414.6
20°	71.1	142.6	199.1	315.1	476.8	515.7	567.1	874.0	1330.0	1666.4	1835.6
17.5°	99.5	181.7	253.1	374.5	516.8	588.7	697.6	1185.8	1788.4	2030.1	2206.1
15°	131.3	220.9	300.0	426.8	552.2	637.3	901.9	1548.3	2176.2	2376.2	2548.4
12.5°	165.3	259.7	340.3	472.2	587.1	682.4	1088.0	1803.1	2362.7	2645.4	2867.3
10°	200.3	297.8	374.9	511.1	621.0	723.9	1262.2	2021.5	2456.9	2691.1	2935.9
7.5°	222.0	322.1	401.4	543.8	653.4	761.6	1420.0	2203.3	2521.8	2705.2	2886.7
5°	238.3	330.5	408.2	558.5	677.6	789.4	1538.9	2347.8	2563.1	2694.4	2800.9
2.5°	250.7	336.2	412.7	566.5	695.7	803.4	1550.1	2370.6	2550.5	2673.9	2747.4
0°	258.9	339.5	415.0	569.8	710.3	813.1	1527.2	2358.5	2522.4	2649.9	2735.8
-2.5°	268.0	349.4	433.7	579.9	711.6	813.4	1505.4	2335.1	2550.2	2721.4	2864.0
-5°	273.5	357.4	449.6	586.0	709.2	810.2	1456.4	2275.2	2546.8	2727.1	2901.8
-7.5°	276.1	363.5	462.0	587.8	699.1	794.6	1373.2	2132.2	2439.7	2608.3	2824.6
-10°	277.0	371.3	467.8	578.6	679.3	770.3	1262.3	1967.0	2328.9	2483.2	2710.6
-12.5°	279.6	380.6	471.5	569.5	659.2	743.4	1126.6	1786.0	2217.4	2353.2	2584.7
-15°	279.6	388.1	474.1	561.6	639.7	714.2	967.4	1594.6	2156.4	2377.0	2567.3
-17.5°	277.3	393.9	476.1	556.1	621.8	683.0	791.3	1423.8	2118.0	2428.3	2616.0
-20°	272.8	397.9	477.7	553.9	606.7	668.4	754.5	1233.3	1922.6	2451.6	2680.8



REPORT NUMBER: P1306133 (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°	266.5	400.2	479.3	552.1	611.5	669.9	742.4	1017.4	1651.1	2448.6	2682.7
-25°	263.4	388.9	479.0	551.8	618.9	672.9	728.1	812.1	1359.4	2100.2	2611.7
-27.5°	262.3	376.0	470.8	546.4	625.5	677.6	725.5	793.6	1080.3	1682.9	2466.0
-30°	257.2	354.8	458.9	535.5	618.9	683.2	730.2	773.4	852.4	1323.3	1975.1
-32.5°	245.4	332.6	436.2	519.6	603.1	688.4	731.9	769.1	827.4	966.7	1496.0
-35°	231.6	315.0	409.3	499.4	581.0	670.7	729.2	768.2	806.5	873.9	1113.8
-37.5°	219.1	294.7	382.0	472.8	554.7	638.9	722.9	764.2	802.7	850.9	942.3
-40°	204.1	271.9	356.1	442.4	524.3	605.4	686.9	758.5	797.2	859.8	920.1
-42.5°	186.9	252.6	328.4	411.2	489.6	569.2	649.0	725.6	805.9	868.8	929.1
-45°	168.1	230.8	298.9	374.2	451.3	528.8	606.3	686.1	782.8	878.7	939.1
-47.5°	146.5	206.4	271.1	333.4	407.6	483.6	559.5	643.1	739.0	839.1	946.9
-50°	123.8	179.1	238.3	295.4	358.5	432.4	507.0	591.1	681.3	778.2	879.8
-52.5°	103.0	148.9	202.2	257.5	312.5	374.2	448.8	528.6	613.2	704.2	792.9
-55°	80.4	120.9	163.3	215.3	269.2	321.5	382.2	457.0	535.0	617.4	697.5
-57.5°	63.4	92.0	127.7	169.1	219.8	272.7	325.0	381.5	450.5	523.2	590.0
-60°	49.5	68.3	94.3	128.1	165.6	214.2	266.0	317.1	370.5	423.6	481.3
-62.5°	36.7	51.1	67.8	89.8	121.2	154.4	197.4	245.1	294.7	338.9	380.7
-65°	32.6	36.8	48.3	63.5	79.1	106.4	136.8	168.7	210.1	249.0	286.8
-67.5°	28.2	32.2	36.0	41.7	55.3	69.0	82.5	108.9	136.6	161.5	187.9
-70°	25.6	27.8	31.1	34.4	37.4	43.2	55.1	66.7	77.8	91.3	112.2
-72.5°	23.2	24.9	27.0	29.4	32.1	34.8	37.5	40.3	47.3	56.5	64.7
-75°	20.8	22.0	23.5	25.2	27.2	29.1	31.0	33.3	35.7	38.3	41.0
-77.5°	18.4	19.4	20.4	21.3	22.6	24.2	25.8	27.4	28.9	30.3	31.7
-80°	16.3	16.9	17.6	18.4	19.2	20.2	21.2	22.2	23.3	24.4	25.6
-82.5°	14.5	14.9	15.4	15.8	16.2	16.6	17.0	17.7	18.3	19.0	19.7
-85°	12.7	13.0	13.3	13.6	13.8	14.1	14.4	14.6	14.8	15.1	15.3
-87.5°	10.9	11.0	11.2	11.3	11.6	11.8	12.0	12.2	12.4	12.5	12.7
-90°	2.3	2.0	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



REPORT NUMBER: P1306133 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.7	12.0	12.4	12.7	13.0	13.3	13.7	14.0	14.3	14.3	14.3
87.5°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.0	0.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.9	1.8	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.3	1.3	1.3
77.5°	3.9	3.7	3.3	3.0	2.7	2.5	2.4	2.4	2.4	2.4	2.5
75°	4.0	3.9	4.1	4.1	3.9	3.7	3.5	3.2	2.7	2.6	2.6
72.5°	7.7	8.0	7.9	7.7	7.1	6.6	6.3	6.1	5.7	5.6	5.5
70°	14.7	14.9	14.3	13.0	11.0	9.7	9.2	8.5	7.8	7.7	8.1
67.5°	22.5	20.5	18.8	16.6	13.9	12.1	11.5	10.8	10.0	9.7	9.6
65°	27.7	21.8	18.6	16.4	15.1	13.6	12.1	10.7	9.3	8.4	8.1
62.5°	27.4	19.1	15.4	13.7	12.4	11.4	10.0	8.7	7.6	6.9	6.7
60°	23.8	15.9	11.8	10.7	9.8	9.1	8.3	7.5	6.9	6.5	6.5
57.5°	18.6	12.4	9.1	8.9	8.6	8.1	7.6	7.2	6.8	6.5	6.8
55°	13.5	10.9	9.2	9.0	8.7	8.2	7.7	7.6	7.5	7.3	7.9
52.5°	11.7	10.7	10.3	10.0	9.4	9.1	9.0	9.0	9.1	9.4	9.6
50°	11.5	11.1	10.8	10.3	10.3	10.3	10.3	10.7	11.1	11.2	11.2
47.5°	12.0	11.8	12.3	11.5	11.8	12.6	12.8	13.1	14.1	14.2	14.2
45°	14.1	16.0	16.5	16.4	16.0	20.9	21.9	20.0	27.5	26.4	20.6
42.5°	21.8	24.1	25.6	30.3	37.2	41.8	54.0	74.2	66.3	49.9	32.2
40°	37.4	36.7	43.7	52.4	57.6	67.0	81.9	101.2	93.4	79.3	84.7
37.5°	65.9	66.7	69.0	80.4	84.5	74.1	96.0	94.4	80.1	102.4	105.0
35°	120.8	133.7	113.6	138.2	144.1	135.2	143.3	158.5	137.1	165.8	175.0
32.5°	217.4	239.6	240.5	246.3	266.7	286.5	292.1	333.2	346.4	381.1	418.3
30°	347.3	388.3	423.1	432.5	459.9	508.7	549.0	628.1	712.8	776.4	860.0
27.5°	626.1	589.1	666.6	761.0	730.9	801.9	947.2	1061.4	1230.2	1351.7	1417.3
25°	1012.7	952.4	1093.7	1237.7	1238.0	1250.1	1460.2	1643.4	1781.6	1891.3	1987.5
22.5°	1468.9	1543.9	1670.6	1837.8	1750.7	1830.1	2038.7	2187.5	2381.1	2570.8	3139.2
20°	1980.2	2132.0	2236.3	2211.4	2207.5	2342.6	2526.1	2813.2	3398.7	5462.7	7433.6
17.5°	2430.7	2615.1	2606.0	2501.1	2550.8	2777.5	3110.6	4225.5	7183.2	13886.5	20159.9
15°	2780.1	2862.2	2808.2	2745.4	2856.7	3196.2	4029.3	7634.6	16610.0	27344.6	39597.3
12.5°	3013.5	2981.2	2839.4	2849.6	3114.1	3591.0	6422.6	14860.5	27838.7	43083.2	73888.7
10°	3103.7	3015.4	2891.3	3006.1	3366.8	4514.8	8638.4	20633.2	40254.6	71948.7	113470.4
7.5°	3042.3	2967.0	2932.0	3134.9	3615.0	5979.2	13428.0	29184.0	57701.5	98573.3	157004.8
5°	3002.5	2952.3	2959.8	3219.5	3771.9	7056.0	16813.0	34563.4	71573.2	124320.7	198658.4
2.5°	3000.2	2970.3	2983.5	3278.2	3860.4	7607.1	18719.9	35459.2	76445.9	138325.8	232740.7
0°	3032.4	3012.9	3001.2	3289.9	3818.1	7067.7	17960.1	36898.4	79788.7	144644.6	247547.5
-2.5°	3182.2	3022.5	3015.8	3289.3	3864.8	7468.9	18404.9	36401.4	78582.2	138804.6	231663.6
-5°	3146.3	2965.8	2937.0	3166.6	3703.9	6725.9	16112.8	33617.7	69026.3	118026.2	190945.2
-7.5°	3004.2	2883.5	2832.3	3015.0	3482.3	5645.3	12495.7	26541.6	51978.1	88963.8	137596.0
-10°	2888.6	2809.0	2733.2	2859.7	3214.8	4314.2	7965.9	17805.9	35355.9	60497.2	88348.0
-12.5°	2827.8	2790.1	2653.7	2688.9	2937.0	3424.7	5573.8	12035.6	22141.8	32850.8	53663.9
-15°	2784.8	2756.2	2628.4	2619.9	2758.5	3046.7	3671.8	6242.9	12381.9	20091.3	28352.7
-17.5°	2745.9	2735.4	2667.7	2594.2	2611.5	2778.5	3122.7	4035.7	6332.1	11232.5	16572.4
-20°	2764.6	2770.7	2718.9	2642.2	2614.8	2636.4	2815.2	3129.8	3711.5	5692.6	8111.7



REPORT NUMBER: P1306133 (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°	2758.7	2776.4	2762.5	2768.0	2735.0	2684.7	2649.3	2786.6	3006.7	3359.0	4253.8
-25°	2758.1	2782.4	2885.7	3018.0	3004.3	2884.3	2758.6	2649.8	2775.7	2927.9	3149.9
-27.5°	2717.3	2875.2	3132.4	3327.4	3383.4	3251.9	3076.1	2893.2	2873.1	2868.3	2953.7
-30°	2703.9	3043.2	3346.6	3624.6	3663.8	3597.5	3516.1	3385.8	3245.9	3168.4	3127.1
-32.5°	2295.8	3117.3	3488.3	3738.4	3800.3	3797.4	3815.7	3753.8	3710.2	3660.1	3589.4
-35°	1743.0	2605.1	3513.3	3628.6	3729.4	3819.2	3939.5	3970.2	3994.4	4022.1	4046.8
-37.5°	1217.1	1889.1	2643.8	3302.2	3511.4	3667.7	3880.7	4036.9	4166.9	4231.3	4308.7
-40°	1008.3	1194.0	1778.7	2335.2	2883.5	3389.2	3618.6	3884.8	4133.7	4272.1	4398.6
-42.5°	987.6	1053.7	1123.9	1512.0	1976.2	2453.5	2922.4	3347.5	3800.5	4102.5	4324.7
-45°	994.3	1027.6	1068.6	1136.8	1209.5	1573.8	1966.7	2367.8	2862.8	3346.4	3768.5
-47.5°	993.4	1023.9	1056.3	1089.3	1132.7	1200.6	1270.4	1384.0	1735.0	2106.1	2465.2
-50°	959.0	1020.9	1051.2	1082.0	1113.6	1147.2	1182.4	1232.2	1291.7	1347.3	1392.3
-52.5°	872.1	945.1	1015.2	1074.0	1102.9	1132.4	1163.7	1205.2	1244.2	1280.8	1299.8
-55°	773.9	846.5	917.6	980.7	1040.3	1097.7	1150.9	1188.9	1227.9	1267.4	1283.6
-57.5°	661.0	734.3	804.8	863.7	923.1	982.6	1037.8	1090.7	1143.5	1193.6	1221.5
-60°	540.9	602.1	665.2	725.5	783.3	838.3	889.6	939.8	987.8	1029.8	1056.3
-62.5°	422.8	471.1	524.3	576.7	627.4	676.4	723.8	769.0	811.6	847.5	872.4
-65°	323.7	359.7	396.4	434.1	472.7	514.8	554.6	592.3	627.5	656.7	678.4
-67.5°	219.8	251.0	280.7	308.6	336.9	366.7	396.9	425.3	451.7	473.2	490.1
-70°	132.2	151.6	170.4	190.5	213.3	235.0	256.3	276.5	295.3	310.0	321.0
-72.5°	72.1	79.1	88.4	103.9	118.1	131.4	143.5	154.5	164.3	172.4	179.1
-75°	43.8	47.4	53.1	58.6	63.8	69.0	73.8	78.2	82.2	85.6	88.4
-77.5°	33.5	35.4	37.3	39.0	40.6	42.3	44.0	45.6	47.1	48.4	49.6
-80°	26.8	27.8	28.9	29.9	30.8	31.9	33.0	34.1	35.1	35.8	36.5
-82.5°	20.4	21.5	22.4	23.3	24.1	24.7	25.3	25.9	26.5	27.1	27.6
-85°	15.5	16.2	17.0	17.7	18.5	18.8	18.9	19.1	19.2	19.6	20.0
-87.5°	12.8	13.1	13.5	13.8	14.2	14.5	14.9	15.2	15.6	15.9	16.2
-90°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.0
87.5°	0.3	0.0	0.6	1.3	0.6	0.0	0.3	0.6	1.0	1.3	1.2
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
77.5°	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4
75°	2.6	2.6	3.2	3.9	3.2	2.6	2.6	2.6	2.6	2.7	3.2
72.5°	5.4	5.2	5.2	5.2	5.2	5.2	5.4	5.5	5.6	5.7	6.1
70°	8.5	8.9	9.1	9.1	9.1	8.9	8.5	8.1	7.7	7.8	8.5
67.5°	9.4	9.1	7.9	6.5	7.9	9.1	9.4	9.6	9.7	10.0	10.8
65°	8.0	7.9	7.2	6.5	7.2	7.9	8.0	8.1	8.4	9.3	10.7
62.5°	6.6	6.6	6.5	6.5	6.5	6.6	6.6	6.7	6.9	7.6	8.7
60°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.9	7.5
57.5°	7.2	7.6	7.8	7.8	7.8	7.6	7.2	6.8	6.5	6.8	7.2
55°	8.4	8.9	9.1	9.1	9.1	8.9	8.4	7.9	7.3	7.5	7.6
52.5°	9.5	9.2	9.6	10.4	9.6	9.2	9.5	9.6	9.4	9.1	9.0
50°	11.4	11.5	11.7	11.7	11.7	11.5	11.4	11.2	11.2	11.1	10.7
47.5°	14.4	14.3	14.2	14.3	14.2	14.3	14.4	14.2	14.2	14.1	13.1
45°	21.3	21.7	22.3	23.4	22.3	21.7	21.3	20.6	26.4	27.5	20.0
42.5°	33.7	34.5	34.8	35.1	34.8	34.5	33.7	32.2	49.9	66.3	74.2
40°	80.3	63.8	47.8	48.1	47.8	63.8	80.3	84.7	79.3	93.4	101.2
37.5°	92.3	83.9	80.6	79.4	80.6	83.9	92.3	105.0	102.4	80.1	94.4
35°	174.7	177.8	173.8	175.6	173.8	177.8	174.7	175.0	165.8	137.1	158.5
32.5°	430.2	447.7	441.5	443.6	441.5	447.7	430.2	418.3	381.1	346.4	333.2
30°	893.7	947.4	959.6	956.2	959.6	947.4	893.7	860.0	776.4	712.8	628.1
27.5°	1443.7	1486.3	1495.0	1486.9	1495.0	1486.3	1443.7	1417.3	1351.7	1230.2	1061.4
25°	2040.6	2081.1	2104.1	2093.1	2104.1	2081.1	2040.6	1987.5	1891.3	1781.6	1643.4
22.5°	3797.4	3981.7	4071.6	4194.1	4071.6	3981.7	3797.4	3139.2	2570.8	2381.1	2187.5
20°	11199.2	12472.2	12230.9	11968.2	12230.9	12472.2	11199.2	7433.6	5462.7	3398.7	2813.2
17.5°	27954.6	34214.0	37194.7	35981.3	37194.7	34214.0	27954.6	20159.9	13886.5	7183.2	4225.5
15°	57175.2	74664.3	84890.0	82160.2	84890.0	74664.3	57175.2	39597.3	27344.6	16610.0	7634.6
12.5°	103573.4	131368.7	152662.5	155710.6	152662.5	131368.7	103573.4	73888.7	43083.2	27838.7	14860.5
10°	162885.5	214248.6	256577.2	270397.6	256577.2	214248.6	162885.5	113470.4	71948.7	40254.6	20633.2
7.5°	233582.5	302148.9	350965.6	364534.5	350965.6	302148.9	233582.5	157004.8	98573.3	57701.5	29184.0
5°	290282.6	369193.3	423252.1	439856.6	423252.1	369193.3	290282.6	198658.4	124320.7	71573.2	34563.4
2.5°	332752.6	415522.5	475804.1	503348.5	475804.1	415522.5	332752.6	232740.7	138325.8	76445.9	35459.2
0°	349204.8	432613.3	500210.0	539355.1	500210.0	432613.3	349204.8	247547.5	144644.6	79788.7	36898.4
-2.5°	333110.9	410657.3	462711.3	488380.4	462711.3	410657.3	333110.9	231663.6	138804.6	78582.2	36401.4
-5°	277325.5	345943.9	390833.4	408955.3	390833.4	345943.9	277325.5	190945.2	118026.2	69026.3	33617.7
-7.5°	198710.5	255038.0	288498.0	303767.3	288498.0	255038.0	198710.5	137596.0	88963.8	51978.1	26541.6
-10°	129100.2	160278.2	194015.2	201235.8	194015.2	160278.2	129100.2	88348.0	60497.2	35355.9	17805.9
-12.5°	72731.9	92405.7	109173.0	115224.3	109173.0	92405.7	72731.9	53663.9	32850.8	22141.8	12035.6
-15°	39350.4	50559.6	56599.4	58084.7	56599.4	50559.6	39350.4	28352.7	20091.3	12381.9	6242.9
-17.5°	22592.4	27977.0	31058.2	32472.8	31058.2	27977.0	22592.4	16572.4	11232.5	6332.1	4035.7
-20°	12072.8	15111.1	16845.8	18122.7	16845.8	15111.1	12072.8	8111.7	5692.6	3711.5	3129.8



REPORT NUMBER: P1306133 (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°	5545.2	6481.7	7010.8	7608.9	7010.8	6481.7	5545.2	4253.8	3359.0	3006.7	2786.6
-25°	3342.8	3468.8	3544.7	3606.1	3544.7	3468.8	3342.8	3149.9	2927.9	2775.7	2649.8
-27.5°	3027.0	3068.3	3092.1	3116.9	3092.1	3068.3	3027.0	2953.7	2868.3	2873.1	2893.2
-30°	3091.6	3049.8	3035.3	3019.4	3035.3	3049.8	3091.6	3127.1	3168.4	3245.9	3385.8
-32.5°	3518.3	3437.0	3393.4	3352.4	3393.4	3437.0	3518.3	3589.4	3660.1	3710.2	3753.8
-35°	4037.3	4000.7	3981.5	3957.3	3981.5	4000.7	4037.3	4046.8	4022.1	3994.4	3970.2
-37.5°	4321.7	4315.3	4314.2	4302.0	4314.2	4315.3	4321.7	4308.7	4231.3	4166.9	4036.9
-40°	4413.3	4410.7	4404.4	4398.3	4404.4	4410.7	4413.3	4398.6	4272.1	4133.7	3884.8
-42.5°	4383.8	4423.0	4441.9	4442.5	4441.9	4423.0	4383.8	4324.7	4102.5	3800.5	3347.5
-45°	4037.5	4237.5	4353.9	4385.3	4353.9	4237.5	4037.5	3768.5	3346.4	2862.8	2367.8
-47.5°	2784.9	3067.1	3284.5	3421.3	3284.5	3067.1	2784.9	2465.2	2106.1	1735.0	1384.0
-50°	1431.6	1468.3	1505.4	1541.6	1505.4	1468.3	1431.6	1392.3	1347.3	1291.7	1232.2
-52.5°	1315.0	1330.3	1339.8	1345.1	1339.8	1330.3	1315.0	1299.8	1280.8	1244.2	1205.2
-55°	1298.3	1312.5	1319.5	1321.7	1319.5	1312.5	1298.3	1283.6	1267.4	1227.9	1188.9
-57.5°	1245.5	1265.4	1277.3	1282.7	1277.3	1265.4	1245.5	1221.5	1193.6	1143.5	1090.7
-60°	1078.4	1096.1	1108.0	1114.9	1108.0	1096.1	1078.4	1056.3	1029.8	987.8	939.8
-62.5°	893.1	909.5	918.6	922.3	918.6	909.5	893.1	872.4	847.5	811.6	769.0
-65°	696.4	710.6	725.0	736.3	725.0	710.6	696.4	678.4	656.7	627.5	592.3
-67.5°	504.4	515.9	528.5	538.6	528.5	515.9	504.4	490.1	473.2	451.7	425.3
-70°	329.7	336.0	346.3	355.1	346.3	336.0	329.7	321.0	310.0	295.3	276.5
-72.5°	184.4	188.5	196.1	202.9	196.1	188.5	184.4	179.1	172.4	164.3	154.5
-75°	90.8	92.7	93.5	93.7	93.5	92.7	90.8	88.4	85.6	82.2	78.2
-77.5°	50.7	51.7	51.9	52.0	51.9	51.7	50.7	49.6	48.4	47.1	45.6
-80°	37.0	37.6	38.3	39.0	38.3	37.6	37.0	36.5	35.8	35.1	34.1
-82.5°	28.1	28.5	28.6	28.6	28.6	28.5	28.1	27.6	27.1	26.5	25.9
-85°	20.4	20.8	20.8	20.8	20.8	20.8	20.4	20.0	19.6	19.2	19.1
-87.5°	16.6	16.9	16.9	16.9	16.9	16.9	16.6	16.2	15.9	15.6	15.2
-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°	13.7	13.3	13.0	12.7	12.4	12.0	11.7	11.4	11.1	10.7	10.4
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.8	1.8
82.5°	1.3	1.3	1.3	1.5	1.7	1.8	1.9	2.0	2.2	2.4	2.6
80°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	2.8	2.7	2.6	2.6
77.5°	2.4	2.5	2.7	3.0	3.3	3.7	3.9	3.8	3.7	3.5	3.3
75°	3.5	3.7	3.9	4.1	4.1	3.9	4.0	4.2	4.3	4.3	4.2
72.5°	6.3	6.6	7.1	7.7	7.9	8.0	7.7	7.1	6.4	5.7	5.1
70°	9.2	9.7	11.0	13.0	14.3	14.9	14.7	13.5	11.1	9.5	8.0
67.5°	11.5	12.1	13.9	16.6	18.8	20.5	22.5	23.7	22.9	20.4	14.3
65°	12.1	13.6	15.1	16.4	18.6	21.8	27.7	30.9	32.0	31.3	24.6
62.5°	10.0	11.4	12.4	13.7	15.4	19.1	27.4	33.8	38.6	38.3	30.8
60°	8.3	9.1	9.8	10.7	11.8	15.9	23.8	32.8	42.9	40.0	33.8
57.5°	7.6	8.1	8.6	8.9	9.1	12.4	18.6	27.0	36.7	36.1	32.8
55°	7.7	8.2	8.7	9.0	9.2	10.9	13.5	18.8	26.3	28.3	27.0
52.5°	9.0	9.1	9.4	10.0	10.3	10.7	11.7	14.7	16.9	19.6	21.1
50°	10.3	10.3	10.3	10.3	10.8	11.1	11.5	12.7	14.0	15.0	15.5
47.5°	12.8	12.6	11.8	11.5	12.3	11.8	12.0	12.2	13.3	13.9	13.9
45°	21.9	20.9	16.0	16.4	16.5	16.0	14.1	15.2	14.4	14.3	14.3
42.5°	54.0	41.8	37.2	30.3	25.6	24.1	21.8	21.8	20.5	17.0	17.1
40°	81.9	67.0	57.6	52.4	43.7	36.7	37.4	31.0	29.1	25.4	24.3
37.5°	96.0	74.1	84.5	80.4	69.0	66.7	65.9	53.9	39.2	46.5	44.8
35°	143.3	135.2	144.1	138.2	113.6	133.7	120.8	93.7	77.1	81.5	74.8
32.5°	292.1	286.5	266.7	246.3	240.5	239.6	217.4	166.4	153.2	142.2	120.7
30°	549.0	508.7	459.9	432.5	423.1	388.3	347.3	355.3	291.8	221.4	181.7
27.5°	947.2	801.9	730.9	761.0	666.6	589.1	626.1	660.7	493.0	359.7	268.9
25°	1460.2	1250.1	1238.0	1237.7	1093.7	952.4	1012.7	1016.7	851.0	545.3	387.7
22.5°	2038.7	1830.1	1750.7	1837.8	1670.6	1543.9	1468.9	1414.6	1290.1	886.1	601.7
20°	2526.1	2342.6	2207.5	2211.4	2236.3	2132.0	1980.2	1835.6	1666.4	1330.0	874.0
17.5°	3110.6	2777.5	2550.8	2501.1	2606.0	2615.1	2430.7	2206.1	2030.1	1788.4	1185.8
15°	4029.3	3196.2	2856.7	2745.4	2808.2	2862.2	2780.1	2548.4	2376.2	2176.2	1548.3
12.5°	6422.6	3591.0	3114.1	2849.6	2839.4	2981.2	3013.5	2867.3	2645.4	2362.7	1803.1
10°	8638.4	4514.8	3366.8	3006.1	2891.3	3015.4	3103.7	2935.9	2691.1	2456.9	2021.5
7.5°	13428.0	5979.2	3615.0	3134.9	2932.0	2967.0	3042.3	2886.7	2705.2	2521.8	2203.3
5°	16813.0	7056.0	3771.9	3219.5	2959.8	2952.3	3002.5	2800.9	2694.4	2563.1	2347.8
2.5°	18719.9	7607.1	3860.4	3278.2	2983.5	2970.3	3000.2	2747.4	2673.9	2550.5	2370.6
0°	17960.1	7067.7	3818.1	3289.9	3001.2	3012.9	3032.4	2735.8	2649.9	2522.4	2358.5
-2.5°	18404.9	7468.9	3864.8	3289.3	3015.8	3022.5	3182.2	2864.0	2721.4	2550.2	2335.1
-5°	16112.8	6725.9	3703.9	3166.6	2937.0	2965.8	3146.3	2901.8	2727.1	2546.8	2275.2
-7.5°	12495.7	5645.3	3482.3	3015.0	2832.3	2883.5	3004.2	2824.6	2608.3	2439.7	2132.2
-10°	7965.9	4314.2	3214.8	2859.7	2733.2	2809.0	2888.6	2710.6	2483.2	2328.9	1967.0
-12.5°	5573.8	3424.7	2937.0	2688.9	2653.7	2790.1	2827.8	2584.7	2353.2	2217.4	1786.0
-15°	3671.8	3046.7	2758.5	2619.9	2628.4	2756.2	2784.8	2567.3	2377.0	2156.4	1594.6
-17.5°	3122.7	2778.5	2611.5	2594.2	2667.7	2735.4	2745.9	2616.0	2428.3	2118.0	1423.8
-20°	2815.2	2636.4	2614.8	2642.2	2718.9	2770.7	2764.6	2680.8	2451.6	1922.6	1233.3



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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°	2649.3	2684.7	2735.0	2768.0	2762.5	2776.4	2758.7	2682.7	2448.6	1651.1	1017.4
-25°	2758.6	2884.3	3004.3	3018.0	2885.7	2782.4	2758.1	2611.7	2100.2	1359.4	812.1
-27.5°	3076.1	3251.9	3383.4	3327.4	3132.4	2875.2	2717.3	2466.0	1682.9	1080.3	793.6
-30°	3516.1	3597.5	3663.8	3624.6	3346.6	3043.2	2703.9	1975.1	1323.3	852.4	773.4
-32.5°	3815.7	3797.4	3800.3	3738.4	3488.3	3117.3	2295.8	1496.0	966.7	827.4	769.1
-35°	3939.5	3819.2	3729.4	3628.6	3513.3	2605.1	1743.0	1113.8	873.9	806.5	768.2
-37.5°	3880.7	3667.7	3511.4	3302.2	2643.8	1889.1	1217.1	942.3	850.9	802.7	764.2
-40°	3618.6	3389.2	2883.5	2335.2	1778.7	1194.0	1008.3	920.1	859.8	797.2	758.5
-42.5°	2922.4	2453.5	1976.2	1512.0	1123.9	1053.7	987.6	929.1	868.8	805.9	725.6
-45°	1966.7	1573.8	1209.5	1136.8	1068.6	1027.6	994.3	939.1	878.7	782.8	686.1
-47.5°	1270.4	1200.6	1132.7	1089.3	1056.3	1023.9	993.4	946.9	839.1	739.0	643.1
-50°	1182.4	1147.2	1113.6	1082.0	1051.2	1020.9	959.0	879.8	778.2	681.3	591.1
-52.5°	1163.7	1132.4	1102.9	1074.0	1015.2	945.1	872.1	792.9	704.2	613.2	528.6
-55°	1150.9	1097.7	1040.3	980.7	917.6	846.5	773.9	697.5	617.4	535.0	457.0
-57.5°	1037.8	982.6	923.1	863.7	804.8	734.3	661.0	590.0	523.2	450.5	381.5
-60°	889.6	838.3	783.3	725.5	665.2	602.1	540.9	481.3	423.6	370.5	317.1
-62.5°	723.8	676.4	627.4	576.7	524.3	471.1	422.8	380.7	338.9	294.7	245.1
-65°	554.6	514.8	472.7	434.1	396.4	359.7	323.7	286.8	249.0	210.1	168.7
-67.5°	396.9	366.7	336.9	308.6	280.7	251.0	219.8	187.9	161.5	136.6	108.9
-70°	256.3	235.0	213.3	190.5	170.4	151.6	132.2	112.2	91.3	77.8	66.7
-72.5°	143.5	131.4	118.1	103.9	88.4	79.1	72.1	64.7	56.5	47.3	40.3
-75°	73.8	69.0	63.8	58.6	53.1	47.4	43.8	41.0	38.3	35.7	33.3
-77.5°	44.0	42.3	40.6	39.0	37.3	35.4	33.5	31.7	30.3	28.9	27.4
-80°	33.0	31.9	30.8	29.9	28.9	27.8	26.8	25.6	24.4	23.3	22.2
-82.5°	25.3	24.7	24.1	23.3	22.4	21.5	20.4	19.7	19.0	18.3	17.7
-85°	18.9	18.8	18.5	17.7	17.0	16.2	15.5	15.3	15.1	14.8	14.6
-87.5°	14.9	14.5	14.2	13.8	13.5	13.1	12.8	12.7	12.5	12.4	12.2
-90°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3



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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°	10.1	9.8	9.4	9.1	9.1	9.1	9.1	9.1	8.5	7.8	7.2
87.5°	1.5	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9
85°	2.0	2.1	2.4	2.6	2.6	2.6	2.6	2.6	2.9	3.1	3.2
82.5°	2.6	2.6	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.3	3.5
80°	2.9	3.0	3.0	3.0	3.1	3.3	3.5	3.5	3.6	3.8	3.9
77.5°	3.3	3.4	3.7	3.7	3.6	3.6	3.7	4.0	4.2	4.2	4.3
75°	3.9	3.8	3.8	4.0	4.0	3.9	3.8	4.0	4.3	4.6	4.7
72.5°	4.8	4.5	4.2	4.1	4.2	4.3	4.1	4.0	4.3	4.7	5.0
70°	6.6	5.5	4.9	4.7	4.6	4.7	4.6	4.5	4.4	4.7	5.0
67.5°	9.1	7.5	6.2	5.4	5.0	5.0	5.1	5.1	4.9	4.7	5.0
65°	17.5	11.8	7.7	6.6	5.7	5.2	5.2	5.5	5.4	5.2	5.1
62.5°	24.0	17.8	12.3	8.5	6.6	5.7	5.3	5.7	5.9	5.6	5.4
60°	28.4	21.6	16.6	12.1	8.4	6.4	5.8	5.9	6.2	6.1	5.8
57.5°	27.2	23.6	19.9	15.3	10.9	7.7	6.5	6.4	6.5	6.5	6.1
55°	23.9	20.9	21.8	18.4	13.4	9.2	7.5	7.1	6.9	6.9	6.5
52.5°	19.6	19.6	21.4	20.7	16.4	11.1	9.1	7.7	7.5	7.3	6.9
50°	15.8	18.7	21.3	21.9	19.2	14.4	10.5	8.9	8.0	7.8	7.4
47.5°	14.4	17.8	20.5	23.2	21.5	17.4	12.9	10.0	8.6	8.2	7.8
45°	16.0	17.3	20.0	22.5	24.1	19.8	15.5	11.1	9.5	8.7	8.3
42.5°	19.2	19.5	20.2	21.9	23.9	21.8	17.9	13.2	10.4	9.2	8.7
40°	24.1	23.6	21.8	23.6	23.9	23.5	19.6	15.2	11.3	9.8	9.1
37.5°	30.5	29.2	26.4	28.1	25.6	24.1	20.9	17.1	12.5	10.6	9.6
35°	55.3	36.6	41.2	38.9	31.9	25.3	22.0	18.6	14.3	11.5	9.9
32.5°	86.9	68.8	72.7	57.2	40.3	27.0	23.3	20.2	16.1	12.3	10.3
30°	145.9	144.5	120.5	80.5	53.5	34.9	25.6	22.1	17.8	13.2	10.8
27.5°	245.8	236.5	186.4	124.8	75.9	45.3	29.6	24.2	19.4	14.2	11.5
25°	348.4	332.0	275.6	184.9	101.6	70.4	34.3	26.7	21.1	15.6	12.2
22.5°	458.6	424.4	375.7	255.0	145.1	103.8	47.0	30.4	23.0	16.9	12.9
20°	567.1	515.7	476.8	315.1	199.1	142.6	71.1	34.4	24.9	18.0	13.5
17.5°	697.6	588.7	516.8	374.5	253.1	181.7	99.5	38.7	26.9	19.1	14.2
15°	901.9	637.3	552.2	426.8	300.0	220.9	131.3	43.1	29.0	20.1	14.7
12.5°	1088.0	682.4	587.1	472.2	340.3	259.7	165.3	47.6	31.1	21.0	15.2
10°	1262.2	723.9	621.0	511.1	374.9	297.8	200.3	52.1	33.0	22.0	15.7
7.5°	1420.0	761.6	653.4	543.8	401.4	322.1	222.0	56.4	34.8	22.8	16.0
5°	1538.9	789.4	677.6	558.5	408.2	330.5	238.3	60.5	36.4	23.5	16.4
2.5°	1550.1	803.4	695.7	566.5	412.7	336.2	250.7	64.3	37.8	24.2	16.7
0°	1527.2	813.1	710.3	569.8	415.0	339.5	258.9	67.6	39.0	24.7	16.9
-2.5°	1505.4	813.4	711.6	579.9	433.7	349.4	268.0	87.0	51.5	31.7	20.1
-5°	1456.4	810.2	709.2	586.0	449.6	357.4	273.5	105.4	63.5	38.4	23.2
-7.5°	1373.2	794.6	699.1	587.8	462.0	363.5	276.1	122.4	74.6	44.7	26.1
-10°	1262.3	770.3	679.3	578.6	467.8	371.3	277.0	137.8	84.7	50.3	28.7
-12.5°	1126.6	743.4	659.2	569.5	471.5	380.6	279.6	150.7	93.5	55.1	30.9
-15°	967.4	714.2	639.7	561.6	474.1	388.1	279.6	161.2	101.4	59.6	32.7
-17.5°	791.3	683.0	621.8	556.1	476.1	393.9	277.3	169.4	107.8	64.1	34.7
-20°	754.5	668.4	606.7	553.9	477.7	397.9	272.8	174.9	112.7	67.4	36.7



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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°	742.4	669.9	611.5	552.1	479.3	400.2	266.5	177.8	115.8	69.5	37.8
-25°	728.1	672.9	618.9	551.8	479.0	388.9	263.4	177.6	117.1	70.1	38.0
-27.5°	725.5	677.6	625.5	546.4	470.8	376.0	262.3	178.5	117.0	69.3	37.3
-30°	730.2	683.2	618.9	535.5	458.9	354.8	257.2	177.0	115.9	68.0	35.5
-32.5°	731.9	688.4	603.1	519.6	436.2	332.6	245.4	173.0	112.7	66.0	34.6
-35°	729.2	670.7	581.0	499.4	409.3	315.0	231.6	166.4	107.4	62.5	33.5
-37.5°	722.9	638.9	554.7	472.8	382.0	294.7	219.1	155.8	100.0	57.4	31.8
-40°	686.9	605.4	524.3	442.4	356.1	271.9	204.1	143.5	92.2	50.8	29.4
-42.5°	649.0	569.2	489.6	411.2	328.4	252.6	186.9	128.9	82.2	45.9	26.3
-45°	606.3	528.8	451.3	374.2	298.9	230.8	168.1	112.6	70.5	41.5	23.8
-47.5°	559.5	483.6	407.6	333.4	271.1	206.4	146.5	97.7	57.5	36.3	22.9
-50°	507.0	432.4	358.5	295.4	238.3	179.1	123.8	81.1	50.2	30.0	21.7
-52.5°	448.8	374.2	312.5	257.5	202.2	148.9	103.0	63.9	42.2	26.9	20.4
-55°	382.2	321.5	269.2	215.3	163.3	120.9	80.4	53.6	33.4	25.1	19.0
-57.5°	325.0	272.7	219.8	169.1	127.7	92.0	63.4	42.4	29.5	23.1	18.0
-60°	266.0	214.2	165.6	128.1	94.3	68.3	49.5	33.4	26.9	21.1	16.9
-62.5°	197.4	154.4	121.2	89.8	67.8	51.1	36.7	30.2	24.2	19.9	15.8
-65°	136.8	106.4	79.1	63.5	48.3	36.8	32.6	26.8	22.4	18.5	14.8
-67.5°	82.5	69.0	55.3	41.7	36.0	32.2	28.2	24.5	20.8	17.1	14.2
-70°	55.1	43.2	37.4	34.4	31.1	27.8	25.6	22.7	19.2	16.2	13.6
-72.5°	37.5	34.8	32.1	29.4	27.0	24.9	23.2	20.9	17.9	15.2	12.8
-75°	31.0	29.1	27.2	25.2	23.5	22.0	20.8	19.1	16.4	14.1	11.9
-77.5°	25.8	24.2	22.6	21.3	20.4	19.4	18.4	17.1	15.0	12.9	10.8
-80°	21.2	20.2	19.2	18.4	17.6	16.9	16.3	15.5	13.6	11.7	9.7
-82.5°	17.0	16.6	16.2	15.8	15.4	14.9	14.5	13.9	12.2	10.4	8.8
-85°	14.4	14.1	13.8	13.6	13.3	13.0	12.7	12.4	10.9	9.5	8.3
-87.5°	12.0	11.8	11.6	11.3	11.2	11.0	10.9	10.7	9.7	8.7	7.7
-90°	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.6	2.6	2.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.5	5.9	5.2	4.6	3.9	3.9	3.9
87.5°	2.9	3.1	3.4	3.6	3.9	3.9	3.9
85°	3.3	3.3	3.5	3.7	3.9	4.0	3.9
82.5°	3.6	3.6	3.6	3.7	3.9	4.0	3.9
80°	3.9	3.8	3.7	3.8	3.9	4.0	3.9
77.5°	4.3	4.0	3.8	3.8	3.9	4.0	3.9
75°	4.6	4.3	3.9	3.8	3.9	4.1	3.9
72.5°	4.9	4.5	4.2	3.9	3.9	4.1	3.9
70°	5.2	4.8	4.4	3.9	4.0	4.1	3.9
67.5°	5.2	5.1	4.6	4.1	4.0	4.2	3.9
65°	5.3	5.2	4.8	4.2	4.0	4.2	3.9
62.5°	5.4	5.3	5.0	4.4	4.0	4.2	3.9
60°	5.4	5.5	5.2	4.5	4.1	4.3	3.9
57.5°	5.8	5.6	5.3	4.7	4.2	4.3	3.9
55°	6.1	5.7	5.5	4.8	4.3	4.3	3.9
52.5°	6.4	5.9	5.6	5.0	4.4	4.4	3.9
50°	6.7	6.2	5.7	5.1	4.6	4.4	3.9
47.5°	7.0	6.4	5.9	5.2	4.7	4.5	3.9
45°	7.5	6.7	6.0	5.3	4.8	4.5	3.9
42.5°	7.9	6.9	6.2	5.5	4.9	4.5	3.9
40°	8.3	7.2	6.4	5.6	5.1	4.6	3.9
37.5°	8.8	7.4	6.6	5.8	5.2	4.6	3.9
35°	9.2	7.7	6.8	6.0	5.3	4.7	3.9
32.5°	9.6	8.1	6.9	6.1	5.4	4.7	3.9
30°	10.0	8.4	7.1	6.3	5.5	4.7	3.9
27.5°	10.3	8.8	7.3	6.5	5.6	4.8	3.9
25°	10.6	9.1	7.5	6.6	5.7	4.8	3.9
22.5°	10.9	9.4	7.7	6.8	5.8	4.9	3.9
20°	11.2	9.7	7.9	6.9	5.9	4.9	3.9
17.5°	11.4	9.9	8.1	7.0	6.0	5.0	3.9
15°	11.6	10.0	8.2	7.2	6.1	5.0	3.9
12.5°	11.9	10.2	8.4	7.3	6.2	5.0	3.9
10°	12.1	10.3	8.6	7.4	6.2	5.1	3.9
7.5°	12.4	10.3	8.7	7.5	6.3	5.1	3.9
5°	12.6	10.4	8.9	7.6	6.4	5.1	3.9
2.5°	12.8	10.4	9.0	7.7	6.4	5.2	3.9
0°	13.0	10.4	9.1	7.8	6.5	5.2	3.9
-2.5°	14.2	11.0	9.3	7.9	6.6	5.2	3.9
-5°	15.3	11.5	9.5	8.0	6.6	5.3	3.9
-7.5°	16.4	12.0	9.7	8.0	6.6	5.3	3.9
-10°	17.4	12.5	9.9	8.1	6.7	5.3	3.9
-12.5°	18.3	12.9	10.1	8.1	6.7	5.3	3.9
-15°	19.0	13.3	10.2	8.2	6.7	5.3	3.9
-17.5°	19.6	13.6	10.3	8.2	6.8	5.3	3.9
-20°	20.3	13.8	10.4	8.2	6.8	5.3	3.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.0	14.0	10.4	8.3	6.8	5.3	3.9
-25°	21.3	14.1	10.4	8.3	6.8	5.3	3.9
-27.5°	21.2	14.2	10.4	8.3	6.8	5.3	3.9
-30°	20.8	14.2	10.3	8.3	6.8	5.3	3.9
-32.5°	19.9	14.1	10.3	8.2	6.8	5.3	3.9
-35°	19.4	13.9	10.3	8.2	6.8	5.3	3.9
-37.5°	19.1	13.6	10.2	8.2	6.8	5.2	3.9
-40°	18.7	13.5	10.0	8.1	6.7	5.2	3.9
-42.5°	18.2	13.3	9.9	8.1	6.7	5.2	3.9
-45°	17.5	13.0	9.9	8.1	6.7	5.1	3.9
-47.5°	16.7	12.7	9.9	8.0	6.6	5.1	3.9
-50°	16.1	12.3	9.8	8.0	6.6	5.1	3.9
-52.5°	15.5	11.8	9.7	7.9	6.5	5.0	3.9
-55°	14.8	11.6	9.5	7.8	6.5	5.0	3.9
-57.5°	14.0	11.3	9.4	7.7	6.4	4.9	3.9
-60°	13.2	11.1	9.2	7.5	6.3	4.8	3.9
-62.5°	12.8	10.8	8.9	7.4	6.2	4.8	3.9
-65°	12.4	10.5	8.6	7.2	6.0	4.7	3.9
-67.5°	11.9	10.1	8.3	7.0	5.8	4.6	3.9
-70°	11.4	9.5	8.0	6.8	5.6	4.6	3.9
-72.5°	10.6	8.9	7.6	6.5	5.4	4.5	3.9
-75°	9.8	8.3	7.2	6.3	5.2	4.4	3.9
-77.5°	8.8	7.7	6.8	6.0	5.0	4.3	3.9
-80°	7.9	7.2	6.5	5.7	4.8	4.2	3.9
-82.5°	7.5	6.9	6.2	5.4	4.6	4.2	3.9
-85°	7.2	6.5	5.9	5.1	4.4	4.1	3.9
-87.5°	6.8	6.2	5.5	4.8	4.1	4.0	3.9
-90°	2.6	2.9	3.3	3.6	3.9	3.9	3.9

(END OF REPORT)