

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: P1306143 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

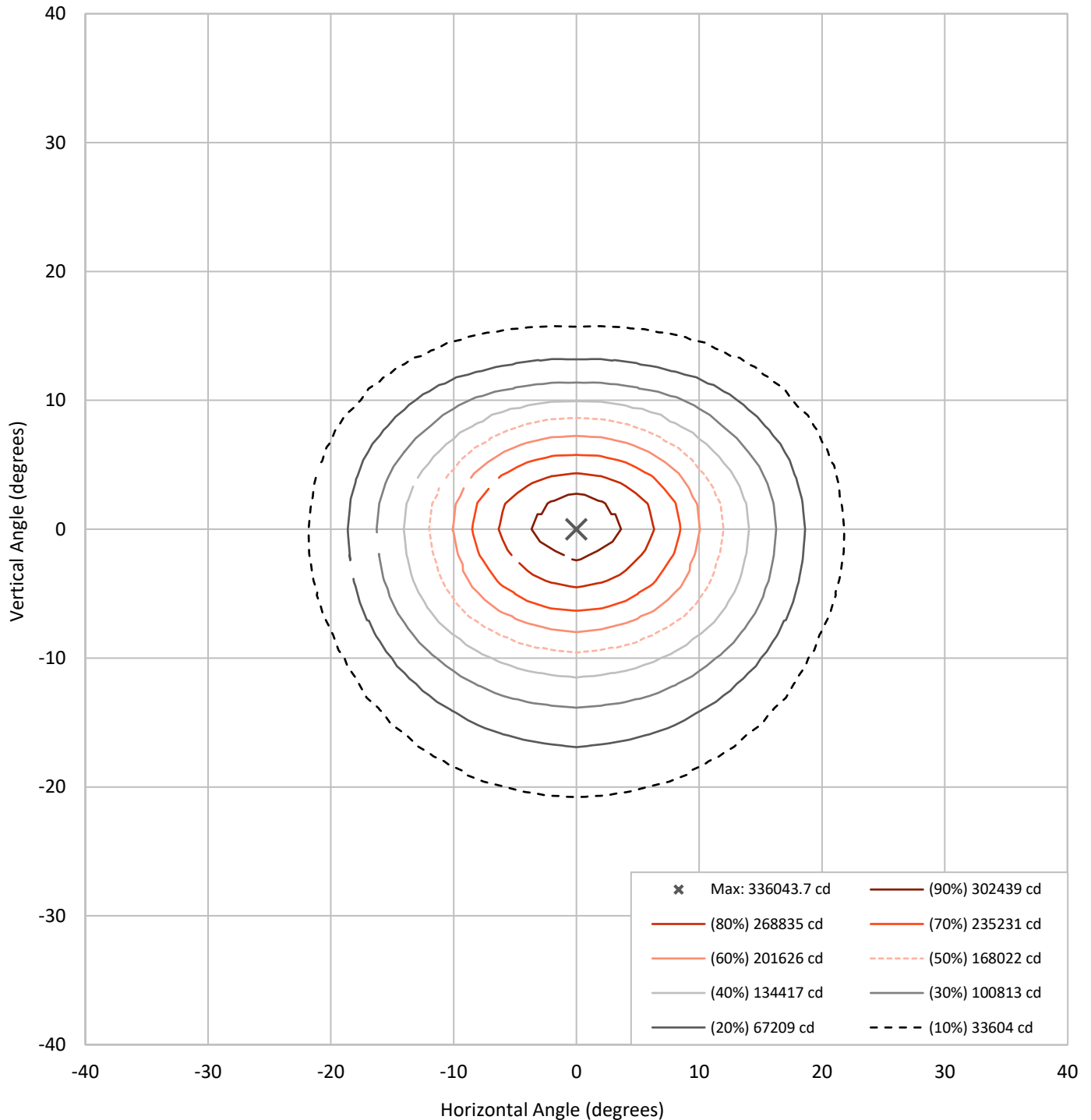
Test Method: LM-79-08
Report Number: P1306143 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	56178.2 lumens	Max Intensity:	336043.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	24031.7 lumens	Field Lumens:	48009.8 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
Input Watts (W):	554		
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





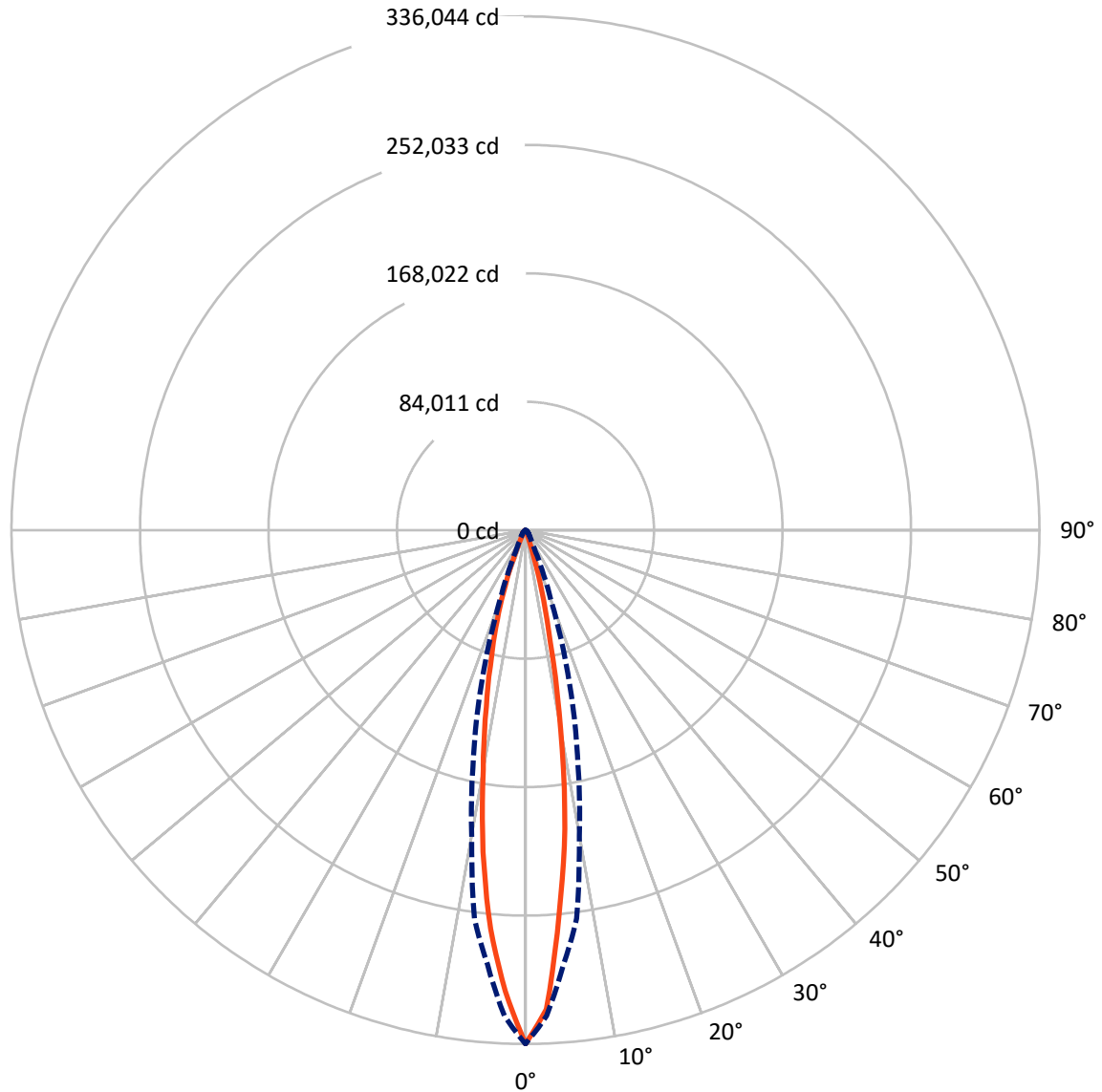
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Lumen Table

90	0.1	0.4		0.7		0.7		0.8		0.7		0.7		0.4		0.1			
80	0.1	0.4		0.7		0.7		0.8		0.7		0.7		0.4		0.1			
70	0.2	0.1	0.2	0.6	0.7	0.5	0.3	0.2	0.2	0.3	0.5	0.7	0.6	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.6	0.8	1.5	2.2	2.8	3.6	3.6	2.8	2.2	1.5	0.8	0.6	0.2				
30	0.2	0.4	1.6	3.9	7.4	11.3	25.5	51.4	51.4	25.5	11.3	7.4	3.9	1.6	0.4	0.2			
20		1.1	5.8	18.4	40.5	108.5	601.8	1377.0	1377.0	601.8	108.5	40.5	18.4	5.8	1.1				
10	0.4	2.0	12.1	43.7	101.9	448.1	2810.3	6559.9	6559.9	2810.3	448.1	101.9	43.7	12.1	2.0	0.4			
0		2.7	14.5	51.1	114.3	477.6	2997.4	6756.5	6756.5	2997.4	477.6	114.3	51.1	14.5	2.7				
-10	0.6	2.9	12.4	38.8	81.1	205.9	1088.3	2449.2	2449.2	1088.3	205.9	81.1	38.8	12.4	2.9	0.6			
-20		2.8	10.1	24.3	57.3	97.1	210.7	423.8	423.8	210.7	97.1	57.3	24.3	10.1	2.8				
-30	0.5	2.5	8.0	17.0	37.1	66.9	91.0	106.1	106.1	91.0	66.9	37.1	17.0	8.0	2.5	0.5			
-40		1.8	6.0	12.9	23.1	37.6	57.5	72.4	72.4	57.5	37.6	23.1	12.9	6.0	1.8				
-50	0.3	0.8	3.6	8.2	14.6	21.5	27.3	30.6	30.6	27.3	21.5	14.6	8.2	3.6	0.8	0.3			
-60		0.3	1.2	3.5	6.6	10.2	13.6	15.7	15.7	13.6	10.2	6.6	3.5	1.2	0.3				
-70	0.2	0.8	2.7		7.3		11.2		7.3		2.7		0.8		0.2				
-80		0.8	2.7		7.3		11.2		7.3		2.7		0.8						
-90	0.2	0.8		2.7		7.3		11.2		7.3		2.7		0.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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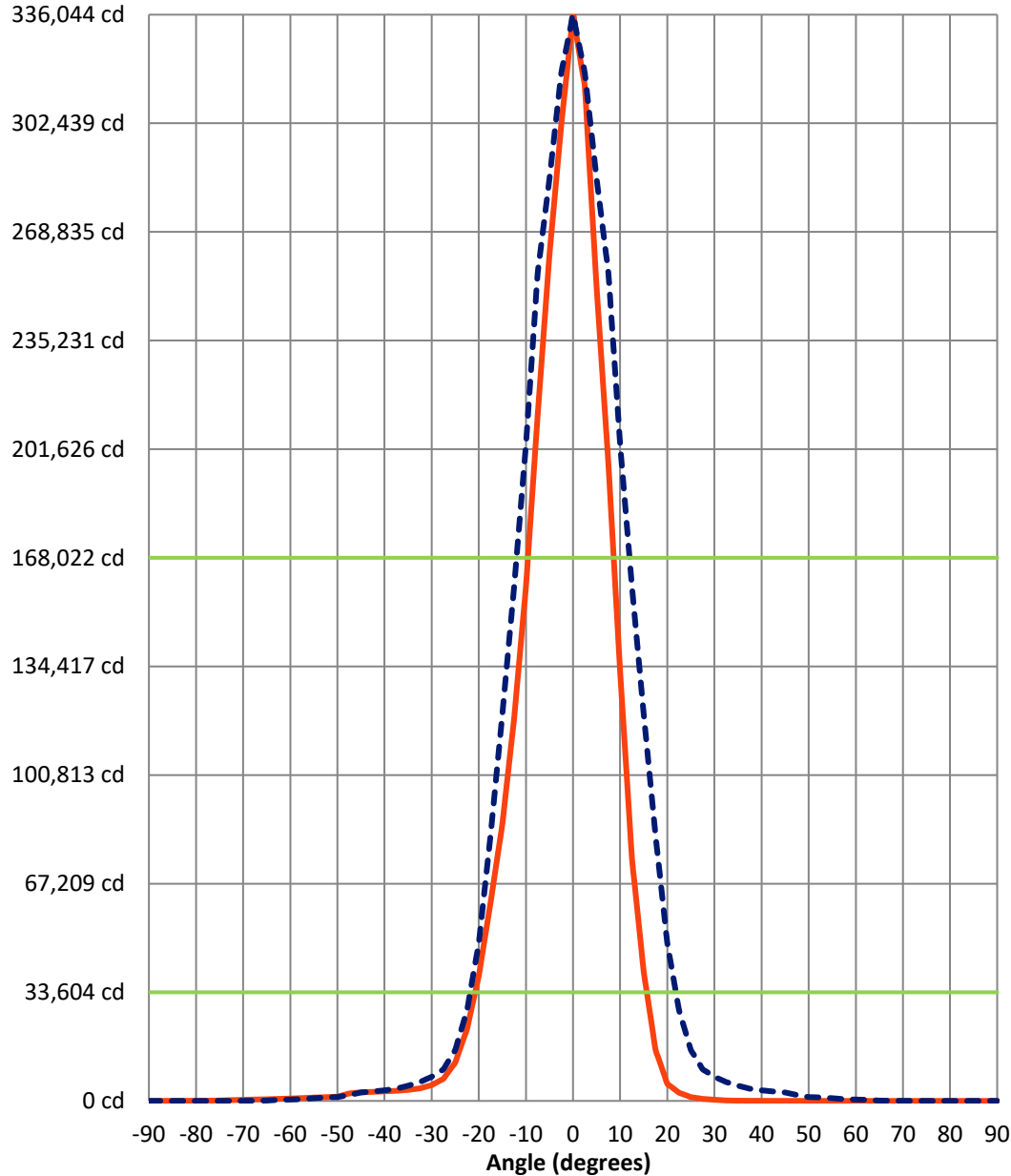
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 24031.7
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 48009.8
 Efficiency: 85.5%

Spill:
 Lumens: 8168.3
 Efficiency: 14.5%

— 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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.7
67.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.8	8.4
65°	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.1	7.7	8.4	8.7
62.5°	7.1	7.1	7.1	7.1	7.1	7.3	7.3	7.4	8.2	8.8	8.2
60°	7.1	7.1	7.1	7.1	7.1	7.5	7.4	7.9	8.8	8.5	7.8
57.5°	7.1	7.1	7.1	7.1	7.3	7.6	7.8	8.4	8.8	8.3	7.7
55°	7.1	7.1	7.1	7.1	7.4	7.8	8.1	8.9	8.7	8.2	7.8
52.5°	7.1	7.1	7.2	7.1	7.6	8.0	8.4	8.9	8.7	8.3	7.9
50°	7.1	7.1	7.2	7.1	7.8	8.2	8.7	9.0	8.8	8.4	9.6
47.5°	7.1	7.1	7.3	7.1	8.0	8.4	8.9	9.1	8.9	8.5	11.1
45°	7.1	7.1	7.3	7.3	8.3	8.6	9.1	9.3	9.1	9.4	12.2
42.5°	7.1	7.1	7.4	7.5	8.5	8.7	9.2	9.5	9.3	10.0	13.4
40°	7.1	7.1	7.4	7.7	8.7	8.8	9.4	9.7	9.7	10.3	14.5
37.5°	7.1	7.1	7.5	7.9	8.7	8.9	9.6	10.0	10.4	11.5	15.6
35°	7.1	7.1	7.6	8.1	8.8	9.0	9.9	10.3	11.2	13.3	16.2
32.5°	7.1	7.1	7.7	8.2	8.9	9.2	10.1	10.7	12.0	15.2	17.7
30°	7.1	7.1	7.8	8.4	8.9	9.4	10.4	11.1	12.9	17.2	19.6
27.5°	7.1	7.1	7.8	8.5	8.9	9.6	10.7	11.8	14.0	19.2	21.9
25°	7.1	7.1	7.9	8.6	8.9	9.8	11.0	12.5	15.7	21.2	24.7
22.5°	7.1	7.1	8.0	8.7	8.9	9.9	11.3	13.2	17.3	23.3	29.8
20°	7.1	7.1	8.1	8.7	8.9	10.1	11.7	13.9	18.9	25.5	35.4
17.5°	7.1	7.1	8.2	8.8	8.9	10.2	11.9	14.6	20.5	27.9	41.4
15°	7.1	7.1	8.3	8.8	8.9	10.3	12.0	15.4	22.0	30.4	47.7
12.5°	7.1	7.1	8.4	8.9	8.9	10.4	12.1	16.3	23.7	32.9	54.2
10°	7.1	7.1	8.5	8.9	8.9	10.5	12.2	17.4	25.6	37.1	62.1
7.5°	7.1	7.1	8.6	8.9	8.9	10.5	12.3	18.4	27.4	41.7	73.1
5°	7.1	7.1	8.7	8.9	8.9	10.6	12.4	19.4	29.0	46.3	84.1
2.5°	7.1	7.1	8.8	8.9	8.9	10.6	12.4	20.4	30.5	50.8	94.7
0°	7.1	7.1	8.9	8.9	8.9	10.6	12.4	20.4	30.5	50.8	94.7
-2.5°	7.1	7.1	8.9	8.9	9.0	11.0	14.0	25.4	40.5	67.6	119.9
-5°	7.1	7.1	8.9	8.9	9.2	11.4	15.6	29.3	48.8	79.6	134.0
-7.5°	7.1	7.1	8.9	8.9	9.3	11.7	17.1	32.9	56.4	90.9	146.8
-10°	7.1	7.1	8.8	8.9	9.5	12.0	18.4	36.0	63.3	101.1	158.3
-12.5°	7.1	7.1	8.8	8.9	9.6	12.2	19.5	38.6	69.2	110.3	168.7
-15°	7.1	7.1	8.8	8.9	9.7	12.5	20.4	40.7	74.7	118.6	177.8
-17.5°	7.1	7.1	8.7	8.9	9.7	12.6	21.0	42.9	79.8	125.8	185.0
-20°	7.1	7.1	8.7	8.9	9.8	12.7	21.6	45.1	83.6	131.7	190.4



REPORT NUMBER: P1306143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	7.1	8.6	8.9	9.8	12.7	22.3	46.3	86.0	136.3	193.8
-25°	7.1	7.1	8.6	8.9	9.8	12.8	22.4	46.4	87.0	139.4	195.1
-27.5°	7.1	7.1	8.5	8.9	9.8	12.9	21.9	45.3	86.3	140.8	197.8
-30°	7.1	7.1	8.4	8.9	9.7	12.9	20.8	43.1	84.9	139.8	198.8
-32.5°	7.1	7.1	8.3	8.9	9.7	12.8	19.0	41.4	82.2	136.7	197.8
-35°	7.1	7.1	8.2	8.9	9.7	12.6	18.3	39.3	77.7	131.3	195.0
-37.5°	7.1	7.1	8.2	8.9	9.6	12.4	18.0	36.2	71.5	123.6	181.9
-40°	7.1	7.1	8.1	8.9	9.5	12.3	17.5	32.1	63.5	114.7	165.8
-42.5°	7.1	7.1	8.0	8.9	9.5	12.1	16.9	26.8	56.5	100.8	148.1
-45°	7.1	7.1	7.8	8.9	9.5	11.9	16.1	22.9	49.3	85.1	129.0
-47.5°	7.1	7.1	7.7	8.9	9.5	11.6	15.2	21.8	40.6	68.5	110.2
-50°	7.1	7.1	7.6	8.8	9.4	11.2	14.6	20.4	30.1	56.6	90.1
-52.5°	7.1	7.1	7.5	8.6	9.3	10.7	14.0	18.9	25.3	44.0	69.6
-55°	7.1	7.1	7.4	8.5	9.2	10.5	13.3	17.2	23.0	31.0	54.9
-57.5°	7.1	7.1	7.2	8.3	9.1	10.2	12.5	16.1	20.5	25.9	39.7
-60°	7.1	7.1	7.1	8.1	8.9	9.9	11.6	14.9	18.3	23.1	28.0
-62.5°	7.1	7.1	7.1	8.0	8.7	9.5	11.1	13.6	16.8	20.2	24.9
-65°	7.1	7.1	7.1	7.8	8.6	9.1	10.4	12.5	15.3	18.2	21.6
-67.5°	7.1	7.1	7.1	7.7	8.4	8.8	9.8	11.6	13.7	16.5	19.2
-70°	7.1	7.1	7.1	7.5	8.3	8.7	9.0	10.7	12.7	14.7	17.2
-72.5°	7.1	7.1	7.1	7.4	8.1	8.6	8.9	9.8	11.6	13.5	15.3
-75°	7.1	7.1	7.1	7.4	8.0	8.5	8.9	9.4	10.5	12.3	14.0
-77.5°	7.1	7.1	7.1	7.4	7.8	8.4	8.9	9.3	10.0	11.1	12.6
-80°	7.1	7.1	7.1	7.3	7.7	8.2	8.9	9.1	9.5	10.2	11.2
-82.5°	7.1	7.1	7.1	7.3	7.6	8.0	8.5	8.7	8.9	9.3	9.8
-85°	7.1	7.1	7.1	7.2	7.4	7.7	8.0	8.2	8.3	8.5	8.6
-87.5°	7.1	7.1	7.1	7.2	7.3	7.4	7.6	7.6	7.7	7.8	7.9
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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 CATALOG NUMBER: EPH-08-530N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.6	8.0	8.4
87.5°	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.3	5.3	5.3	5.3
85°	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.3	5.3	5.3	5.3
82.5°	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.6	5.6	5.6	5.5
80°	7.1	7.1	7.1	7.1	6.9	6.7	6.7	6.8	6.6	6.3	5.8
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.8	6.3	5.9
75°	7.1	7.1	7.2	7.2	7.1	7.1	7.1	7.1	6.9	6.8	6.8
72.5°	7.4	7.6	7.6	7.3	7.1	7.1	7.1	7.1	8.4	10.1	11.5
70°	8.1	8.2	7.7	7.2	7.1	7.6	9.7	12.7	15.8	18.1	21.0
67.5°	8.7	7.8	7.3	7.3	8.6	10.9	14.3	21.9	30.3	33.6	34.6
65°	8.0	7.3	7.5	8.7	10.4	16.7	25.1	34.9	42.1	41.6	39.4
62.5°	7.3	7.4	8.3	11.1	16.8	24.7	32.3	39.2	46.0	44.1	37.9
60°	7.2	7.5	10.9	16.7	22.7	28.4	35.5	39.4	42.6	42.4	33.5
57.5°	7.3	9.6	15.4	21.1	25.9	30.3	32.5	35.2	36.3	36.4	27.2
55°	8.5	13.2	18.9	23.6	27.3	26.6	27.4	27.8	27.9	26.0	18.5
52.5°	11.3	16.3	20.9	25.1	25.9	23.3	20.4	20.5	19.1	16.1	13.3
50°	13.6	18.0	22.5	25.4	24.3	19.4	15.0	14.9	13.6	11.7	10.2
47.5°	15.3	19.7	24.1	25.6	21.6	17.6	13.9	12.1	10.8	10.4	9.3
45°	16.7	21.0	25.6	24.0	20.4	17.4	14.3	10.6	11.1	11.0	11.4
42.5°	18.1	21.9	24.5	22.9	20.8	18.6	15.8	13.6	12.7	14.0	14.6
40°	18.7	22.5	23.7	24.1	22.1	20.9	20.5	18.9	16.4	18.6	19.4
37.5°	18.9	22.4	24.7	27.7	25.0	25.7	26.7	27.1	25.6	25.0	28.1
35°	18.9	23.1	29.8	33.3	31.1	32.6	35.7	37.1	37.1	36.4	41.8
32.5°	19.3	24.3	36.8	39.8	42.1	44.0	46.0	49.3	52.3	55.8	64.6
30°	21.8	30.9	44.8	47.1	55.5	64.3	61.8	63.4	70.4	92.6	112.0
27.5°	27.2	39.8	51.8	59.0	72.6	90.9	96.6	85.3	105.6	140.1	172.9
25°	33.6	64.5	59.4	73.6	98.8	126.3	141.5	139.9	159.7	203.2	242.3
22.5°	47.3	96.7	93.7	89.4	129.3	169.6	195.8	241.2	305.2	304.9	319.1
20°	71.0	127.5	136.9	148.7	174.5	219.5	256.9	377.2	510.5	555.8	506.5
17.5°	98.8	161.4	186.2	226.3	283.4	312.5	333.8	539.8	765.1	854.4	882.5
15°	129.7	197.9	238.8	313.0	404.1	455.7	546.6	781.9	1048.2	1199.5	1312.1
12.5°	162.6	236.3	294.0	406.7	533.5	601.6	803.3	1143.9	1409.1	1591.7	1877.8
10°	196.5	276.0	350.8	505.1	668.8	749.4	1078.0	1516.7	1793.7	2005.1	2396.6
7.5°	233.9	315.5	407.1	605.4	807.1	897.7	1361.9	1892.3	2168.6	2404.1	2846.5
5°	270.3	353.4	457.7	690.8	917.9	1022.9	1617.8	2261.0	2532.8	2788.4	3252.8
2.5°	304.0	389.7	506.2	769.4	1005.8	1110.5	1741.1	2448.6	2745.0	3062.1	3559.7
0°	333.6	424.1	551.9	841.2	1086.1	1194.4	1838.6	2610.5	2917.6	3277.8	3783.6
-2.5°	339.9	437.8	568.2	840.2	1075.4	1192.3	1848.0	2617.7	2977.0	3357.8	3852.8
-5°	341.6	448.7	580.7	831.8	1057.5	1185.4	1829.0	2591.3	2986.8	3338.4	3784.1
-7.5°	339.2	456.5	589.3	815.3	1022.8	1146.0	1721.1	2430.7	2830.7	3136.9	3556.1
-10°	333.1	455.5	579.7	778.2	967.3	1086.3	1573.5	2245.4	2668.1	2931.7	3296.9
-12.5°	322.4	447.0	564.4	738.4	911.2	1025.2	1401.6	2040.1	2503.3	2728.3	3023.8
-15°	310.5	436.9	546.4	697.3	856.4	963.8	1206.4	1818.7	2346.3	2575.5	2795.0
-17.5°	298.1	425.4	525.8	656.2	804.5	902.9	995.7	1583.4	2147.7	2419.7	2631.7
-20°	285.9	412.9	503.0	616.3	755.7	855.7	931.9	1345.0	1868.6	2247.0	2459.9



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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°	274.5	399.6	481.4	585.3	712.7	818.1	895.3	1111.8	1574.1	2059.2	2289.4
-25°	270.3	380.4	463.8	558.2	671.5	780.2	859.8	913.9	1296.0	1776.1	2126.8
-27.5°	270.5	364.4	446.9	529.0	630.4	739.8	819.2	875.0	1084.5	1497.8	1943.5
-30°	268.1	345.0	428.3	500.7	594.4	693.3	777.2	854.2	920.5	1251.4	1644.8
-32.5°	257.9	324.7	405.9	478.5	558.2	648.4	742.8	825.2	897.2	1004.8	1361.2
-35°	244.2	307.9	381.5	454.7	521.5	608.4	701.2	791.4	867.8	934.6	1097.1
-37.5°	231.8	288.8	356.2	428.4	494.1	568.6	656.5	746.9	829.0	908.3	981.8
-40°	217.5	267.5	332.2	400.1	465.6	530.8	610.2	695.5	782.0	873.5	962.0
-42.5°	201.2	249.9	306.6	370.6	432.7	496.6	561.7	641.9	729.0	825.8	918.0
-45°	179.6	230.4	279.7	337.4	396.2	458.3	521.1	585.8	669.8	759.1	855.6
-47.5°	156.2	207.8	255.8	302.0	357.4	415.2	476.3	539.8	606.2	687.6	774.2
-50°	131.8	179.8	228.5	270.2	316.6	370.0	426.1	489.2	552.5	616.4	690.2
-52.5°	107.9	149.9	195.5	238.8	278.9	323.5	375.6	432.7	493.2	554.5	611.5
-55°	82.8	120.8	160.2	202.5	243.1	281.0	323.0	374.3	428.4	485.3	537.5
-57.5°	62.4	91.1	126.2	163.1	202.3	240.8	277.4	314.6	361.3	411.5	456.2
-60°	44.9	65.7	92.5	125.1	158.5	194.9	231.8	266.4	300.5	333.5	373.5
-62.5°	29.4	45.7	64.6	87.4	117.1	147.7	180.4	213.8	247.0	275.6	302.0
-65°	25.8	29.6	42.4	59.4	76.3	103.9	131.6	158.2	187.4	213.6	239.0
-67.5°	22.1	25.5	28.9	34.8	50.1	67.3	85.2	109.5	132.7	151.5	170.4
-70°	19.6	21.6	24.4	27.4	30.6	37.6	52.6	68.3	83.8	98.3	114.4
-72.5°	17.3	19.1	20.9	22.7	25.5	28.7	32.1	35.6	44.3	55.9	67.0
-75°	15.3	16.6	18.2	19.8	21.5	23.5	25.7	28.5	31.3	33.8	35.9
-77.5°	13.6	14.5	15.6	16.8	18.2	19.7	21.3	23.0	24.8	26.7	28.7
-80°	11.8	12.4	13.1	13.9	15.0	16.2	17.4	18.5	19.5	20.8	22.2
-82.5°	10.2	10.6	11.0	11.4	12.1	12.9	13.8	14.8	15.1	15.4	15.9
-85°	8.8	8.9	9.2	9.4	9.8	10.1	10.6	11.1	11.2	11.2	11.2
-87.5°	7.9	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.5	8.7	8.8
-90°	6.7	6.2	5.8	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.9	9.3	9.7	10.2	10.6	14.6	18.6	22.6	26.6	33.2	39.9
87.5°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.8	1.8
85°	5.3	4.9	4.4	4.0	3.5	3.4	3.4	3.4	3.4	3.0	2.6
82.5°	5.3	4.9	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.1	2.7
80°	5.4	5.1	4.9	4.7	4.6	4.5	4.2	3.9	3.5	3.5	3.4
77.5°	5.6	5.6	5.6	5.5	5.4	4.9	4.5	4.0	3.6	3.5	3.5
75°	6.9	7.1	7.2	7.0	6.4	5.9	5.7	5.3	5.0	4.7	4.4
72.5°	12.4	12.5	11.9	11.5	10.4	9.9	10.0	9.8	9.5	9.4	9.2
70°	22.8	23.2	22.3	20.1	17.0	14.9	13.9	12.6	11.2	10.5	10.5
67.5°	32.4	29.7	26.7	23.7	19.9	16.7	14.7	13.0	11.3	10.4	10.0
65°	35.5	29.0	24.2	20.5	17.5	15.1	13.0	11.1	9.2	7.9	7.6
62.5°	30.9	23.0	18.4	15.5	13.4	12.1	10.1	8.4	6.8	5.9	6.2
60°	25.1	17.0	12.6	11.0	9.8	8.9	7.8	6.7	5.9	5.3	5.4
57.5°	18.8	12.4	8.9	8.7	8.2	7.5	6.8	6.3	5.8	5.3	5.3
55°	12.9	10.3	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.3	5.3
52.5°	10.2	9.3	8.9	8.6	8.1	7.6	7.0	6.5	6.0	5.4	5.3
50°	9.3	9.0	9.1	8.8	8.2	7.7	7.2	6.8	6.7	6.5	6.6
47.5°	9.5	9.8	9.6	9.0	8.6	8.7	8.7	8.7	8.8	8.5	8.3
45°	10.8	10.9	10.8	10.7	10.2	11.2	11.9	11.9	13.9	13.1	11.1
42.5°	13.5	14.2	14.9	15.8	14.6	18.7	25.1	29.4	25.2	19.9	16.8
40°	20.5	21.0	25.5	27.9	33.0	38.9	35.4	29.6	26.4	28.2	29.2
37.5°	32.3	37.7	45.1	53.4	51.4	42.6	43.6	43.5	42.0	45.6	45.8
35°	52.8	66.0	72.3	74.3	70.6	67.9	70.4	72.8	67.3	75.9	78.7
32.5°	86.2	102.4	106.1	102.3	102.7	108.7	113.1	121.2	129.3	142.2	157.7
30°	127.1	144.6	153.0	145.3	146.9	161.0	170.2	188.6	218.0	251.7	293.6
27.5°	188.3	201.3	216.2	218.3	211.3	232.0	264.5	283.9	362.9	415.3	509.6
25°	269.1	289.2	302.4	324.6	336.5	361.6	423.7	483.5	605.1	723.4	924.3
22.5°	375.1	439.9	463.7	460.2	530.2	597.5	650.5	818.0	1057.4	1407.7	1802.2
20°	515.2	648.2	761.2	797.9	822.8	1000.4	1183.1	1702.9	2298.8	3293.4	4066.7
17.5°	928.6	972.4	1220.7	1422.7	1518.9	1895.0	2747.6	4056.2	6305.3	9382.9	11275.1
15°	1550.4	1675.3	1924.3	2351.7	2880.7	3877.7	5300.9	9472.9	15241.4	21545.3	27546.9
12.5°	2237.0	2497.5	2953.6	3583.1	4423.0	7267.6	11860.7	19709.9	30389.3	41311.0	55240.4
10°	2874.1	3398.1	4146.6	5209.2	7365.8	12225.3	19956.6	33299.1	52215.7	71940.4	91646.0
7.5°	3393.8	4143.6	5238.1	6829.9	10695.0	18496.9	31176.3	50834.6	75088.7	100465.5	127183.4
5°	3918.7	4867.8	6186.2	8112.0	12876.6	23342.2	40207.2	67120.0	98420.1	130395.7	164066.1
2.5°	4373.7	5484.0	7010.4	9260.4	14343.7	25964.6	45655.2	78794.6	115544.2	153808.1	196692.9
0°	4710.0	5840.5	7462.5	9803.3	15789.3	28006.2	48844.4	82245.6	119623.8	159127.2	202957.2
-2.5°	4663.1	5685.5	7155.8	9478.8	15286.9	27637.8	46852.4	79404.2	115986.8	153017.5	192108.1
-5°	4450.1	5339.2	6656.6	8736.0	13552.3	23979.3	42044.7	72044.8	106061.7	139901.7	174682.7
-7.5°	4125.4	4894.6	6049.3	7835.6	11552.1	19762.6	34775.9	58243.5	87488.9	116410.6	143241.0
-10°	3790.0	4416.6	5352.5	6763.9	9415.0	15152.0	25768.7	43312.6	67633.7	91451.6	112012.5
-12.5°	3474.7	3941.3	4606.9	5589.6	7223.6	11343.1	19359.4	32159.2	48405.0	66717.2	84520.8
-15°	3180.6	3525.6	4003.6	4796.2	6103.9	8547.4	12899.3	21429.2	32856.4	45638.7	57945.7
-17.5°	2911.0	3195.5	3568.4	4126.5	4936.8	6447.8	9496.4	14373.2	21272.5	30364.6	38863.5
-20°	2669.3	2927.0	3206.1	3624.1	4246.4	5135.8	6636.7	9664.1	13645.3	19376.1	24996.7



REPORT NUMBER: P1306143 (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°	2480.2	2682.5	2899.4	3219.2	3738.0	4368.6	5114.7	6355.0	8546.4	11485.8	14814.8
-25°	2307.3	2457.1	2682.1	3026.3	3381.7	3802.3	4254.7	4752.2	5724.5	6669.9	8412.8
-27.5°	2142.9	2301.0	2535.4	2846.0	3170.1	3366.6	3656.0	3963.2	4428.3	4838.8	5533.1
-30°	2005.8	2171.8	2370.8	2632.9	2905.8	3090.8	3241.4	3463.7	3721.7	3979.1	4277.8
-32.5°	1748.2	2064.8	2202.7	2402.6	2648.4	2843.0	2976.3	3141.4	3279.2	3439.3	3601.6
-35°	1466.3	1815.6	2100.9	2230.1	2400.0	2616.5	2806.0	2938.6	3045.3	3144.1	3237.1
-37.5°	1147.3	1510.6	1822.1	2084.3	2239.8	2384.8	2585.7	2764.2	2892.6	2960.6	3021.0
-40°	1025.9	1130.8	1459.9	1760.7	1994.7	2221.8	2378.4	2553.4	2701.8	2795.6	2865.8
-42.5°	1005.2	1059.1	1101.6	1329.5	1613.6	1856.9	2064.1	2268.2	2449.5	2584.1	2692.7
-45°	949.1	1013.2	1072.9	1115.1	1158.8	1373.9	1605.2	1830.6	2035.3	2218.5	2378.6
-47.5°	858.4	935.0	998.8	1059.9	1107.5	1144.9	1188.3	1260.1	1451.8	1640.0	1818.8
-50°	760.0	829.2	898.5	964.3	1015.9	1061.2	1102.9	1138.6	1174.6	1212.2	1248.0
-52.5°	662.6	724.5	786.1	843.9	898.8	950.6	998.8	1034.1	1064.4	1091.1	1111.2
-55°	585.9	632.0	676.9	725.9	774.7	820.4	862.2	900.5	935.3	966.4	990.4
-57.5°	501.3	546.5	589.4	626.1	661.7	696.2	731.7	765.6	795.7	821.6	842.8
-60°	412.9	451.5	489.7	525.8	560.1	592.5	621.6	648.4	672.6	693.3	708.9
-62.5°	327.6	358.1	392.5	423.8	451.4	477.8	507.8	534.8	558.8	578.7	593.5
-65°	263.0	284.9	309.6	333.9	357.8	383.5	409.6	432.8	453.2	469.9	483.1
-67.5°	191.7	213.2	237.2	259.0	279.1	300.9	325.9	348.8	369.8	386.8	400.5
-70°	129.3	144.5	163.5	183.8	203.5	224.2	247.0	269.0	290.0	306.1	319.2
-72.5°	77.6	87.5	97.7	111.0	124.9	141.9	161.1	180.3	199.4	213.2	224.0
-75°	37.9	41.9	50.3	58.0	65.1	74.2	83.9	93.0	101.6	107.8	112.9
-77.5°	30.7	32.7	34.6	36.4	38.2	42.2	47.0	51.9	57.0	61.0	64.8
-80°	23.6	24.9	26.1	27.5	28.9	32.0	35.3	38.6	42.0	44.5	46.9
-82.5°	16.5	17.1	17.7	18.3	18.8	21.0	23.3	25.5	27.6	29.6	31.6
-85°	11.1	11.3	11.5	11.6	11.7	14.0	16.3	18.6	20.9	22.8	24.7
-87.5°	8.9	9.0	9.0	9.0	9.1	11.0	12.8	14.6	16.4	18.1	19.9
-90°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.4	0.9



REPORT NUMBER: P1306143 (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°	46.5	53.2	48.8	44.4	48.8	53.2	46.5	39.9	33.2	26.6	22.6
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.6	3.0	3.4	3.4
82.5°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.9
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	4.0
75°	4.0	3.5	4.4	5.3	4.4	3.5	4.0	4.4	4.7	5.0	5.3
72.5°	9.1	8.8	8.9	8.9	8.9	8.8	9.1	9.2	9.4	9.5	9.8
70°	10.5	10.5	10.6	10.6	10.6	10.5	10.5	10.5	10.5	11.2	12.6
67.5°	9.5	9.0	8.9	8.9	8.9	9.0	9.5	10.0	10.4	11.3	13.0
65°	7.3	7.2	7.1	7.1	7.1	7.2	7.3	7.6	7.9	9.2	11.1
62.5°	6.5	7.0	7.1	7.1	7.1	7.0	6.5	6.2	5.9	6.8	8.4
60°	5.4	5.4	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.9	6.7
57.5°	5.3	5.3	6.0	7.1	6.0	5.3	5.3	5.3	5.3	5.8	6.3
55°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.9	6.4
52.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	6.0	6.5
50°	6.8	7.0	7.1	7.1	7.1	7.0	6.8	6.6	6.5	6.7	6.8
47.5°	8.6	8.8	8.3	7.1	8.3	8.8	8.6	8.3	8.5	8.8	8.7
45°	11.1	10.8	10.6	10.6	10.6	10.8	11.1	11.1	13.1	13.9	11.9
42.5°	17.3	17.5	17.5	17.7	17.5	17.5	17.3	16.8	19.9	25.2	29.4
40°	30.7	31.4	31.5	31.9	31.5	31.4	30.7	29.2	28.2	26.4	29.6
37.5°	46.4	47.2	47.4	47.9	47.4	47.2	46.4	45.8	45.6	42.0	43.5
35°	78.4	78.1	75.4	76.3	75.4	78.1	78.4	78.7	75.9	67.3	72.8
32.5°	168.2	169.5	160.8	147.3	160.8	169.5	168.2	157.7	142.2	129.3	121.2
30°	325.1	352.9	371.7	372.7	371.7	352.9	325.1	293.6	251.7	218.0	188.6
27.5°	572.7	616.0	634.4	644.2	634.4	616.0	572.7	509.6	415.3	362.9	283.9
25°	1082.1	1181.3	1234.8	1194.4	1234.8	1181.3	1082.1	924.3	723.4	605.1	483.5
22.5°	2177.2	2367.0	2528.8	2537.8	2528.8	2367.0	2177.2	1802.2	1407.7	1057.4	818.0
20°	5141.8	5098.7	5507.6	5302.7	5507.6	5098.7	5141.8	4066.7	3293.4	2298.8	1702.9
17.5°	14584.3	16197.5	17089.1	15869.2	17089.1	16197.5	14584.3	11275.1	9382.9	6305.3	4056.2
15°	33528.7	37553.2	40276.2	39928.4	40276.2	37553.2	33528.7	27546.9	21545.3	15241.4	9472.9
12.5°	63042.6	69655.9	75292.9	75056.4	75292.9	69655.9	63042.6	55240.4	41311.0	30389.3	19709.9
10°	109202.2	120732.0	131477.2	132596.7	131477.2	120732.0	109202.2	91646.0	71940.4	52215.7	33299.1
7.5°	151729.7	177693.5	193170.0	197140.8	193170.0	177693.5	151729.7	127183.4	100465.5	75088.7	50834.6
5°	204981.3	235048.5	251314.3	251748.4	251314.3	235048.5	204981.3	164066.1	130395.7	98420.1	67120.0
2.5°	244402.4	278270.9	298243.1	313696.2	298243.1	278270.9	244402.4	196692.9	153808.1	115544.2	78794.6
0°	256126.6	285334.1	317924.3	336043.7	317924.3	285334.1	256126.6	202957.2	159127.2	119623.8	82245.6
-2.5°	240416.8	270996.7	287174.8	301913.1	287174.8	270996.7	240416.8	192108.1	153017.5	115986.8	79404.2
-5°	210572.4	242961.5	258505.3	261823.2	258505.3	242961.5	210572.4	174682.7	139901.7	106061.7	72044.8
-7.5°	167552.8	190349.4	206085.8	212257.4	206085.8	190349.4	167552.8	143241.0	116410.6	87488.9	58243.5
-10°	131133.0	145853.5	153728.4	158964.8	153728.4	145853.5	131133.0	112012.5	91451.6	67633.7	43312.6
-12.5°	98870.5	109511.8	115687.8	118376.2	115687.8	109511.8	98870.5	84520.8	66717.2	48405.0	32159.2
-15°	70375.4	78795.7	82977.7	85640.5	82977.7	78795.7	70375.4	57945.7	45638.7	32856.4	21429.2
-17.5°	48216.4	54987.0	58846.1	61355.9	58846.1	54987.0	48216.4	38863.5	30364.6	21272.5	14373.2
-20°	30850.1	34881.5	37851.0	38716.3	37851.0	34881.5	30850.1	24996.7	19376.1	13645.3	9664.1



REPORT NUMBER: P1306143 (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°	18024.7	20398.4	21893.8	22233.1	21893.8	20398.4	18024.7	14814.8	11485.8	8546.4	6355.0
-25°	9800.5	10834.7	11619.2	11885.0	11619.2	10834.7	9800.5	8412.8	6669.9	5724.5	4752.2
-27.5°	6018.5	6418.4	6708.1	6857.3	6708.1	6418.4	6018.5	5533.1	4838.8	4428.3	3963.2
-30°	4526.8	4709.2	4818.1	4891.0	4818.1	4709.2	4526.8	4277.8	3979.1	3721.7	3463.7
-32.5°	3716.7	3798.4	3847.5	3881.2	3847.5	3798.4	3716.7	3601.6	3439.3	3279.2	3141.4
-35°	3310.6	3363.6	3400.0	3418.0	3400.0	3363.6	3310.6	3237.1	3144.1	3045.3	2938.6
-37.5°	3066.0	3099.4	3123.7	3137.6	3123.7	3099.4	3066.0	3021.0	2960.6	2892.6	2764.2
-40°	2899.2	2922.6	2942.0	2963.7	2942.0	2922.6	2899.2	2865.8	2795.6	2701.8	2553.4
-42.5°	2747.2	2781.9	2799.4	2804.0	2799.4	2781.9	2747.2	2692.7	2584.1	2449.5	2268.2
-45°	2501.2	2597.8	2657.2	2676.2	2657.2	2597.8	2501.2	2378.6	2218.5	2035.3	1830.6
-47.5°	1983.1	2127.7	2236.8	2303.5	2236.8	2127.7	1983.1	1818.8	1640.0	1451.8	1260.1
-50°	1281.4	1312.0	1324.0	1316.8	1324.0	1312.0	1281.4	1248.0	1212.2	1174.6	1138.6
-52.5°	1127.1	1139.4	1149.6	1157.1	1149.6	1139.4	1127.1	1111.2	1091.1	1064.4	1034.1
-55°	1009.1	1023.0	1036.0	1047.1	1036.0	1023.0	1009.1	990.4	966.4	935.3	900.5
-57.5°	860.4	874.4	879.7	878.5	879.7	874.4	860.4	842.8	821.6	795.7	765.6
-60°	721.7	731.6	739.1	743.6	739.1	731.6	721.7	708.9	693.3	672.6	648.4
-62.5°	605.2	613.8	623.5	631.8	623.5	613.8	605.2	593.5	578.7	558.8	534.8
-65°	494.2	503.4	510.7	516.4	510.7	503.4	494.2	483.1	469.9	453.2	432.8
-67.5°	412.8	423.7	431.8	438.3	431.8	423.7	412.8	400.5	386.8	369.8	348.8
-70°	331.2	342.0	348.6	353.2	348.6	342.0	331.2	319.2	306.1	290.0	269.0
-72.5°	233.4	241.2	244.9	246.7	244.9	241.2	233.4	224.0	213.2	199.4	180.3
-75°	117.4	121.2	124.8	127.8	124.8	121.2	117.4	112.9	107.8	101.6	93.0
-77.5°	68.6	72.2	74.4	76.3	74.4	72.2	68.6	64.8	61.0	57.0	51.9
-80°	49.1	51.2	53.2	55.0	53.2	51.2	49.1	46.9	44.5	42.0	38.6
-82.5°	33.5	35.4	36.4	37.3	36.4	35.4	33.5	31.6	29.6	27.6	25.5
-85°	26.5	28.3	29.3	30.2	29.3	28.3	26.5	24.7	22.8	20.9	18.6
-87.5°	21.5	23.2	24.0	24.8	24.0	23.2	21.5	19.9	18.1	16.4	14.6
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.6	14.6	10.6	10.2	9.7	9.3	8.9	8.4	8.0	7.6	7.1
87.5°	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3
85°	3.4	3.4	3.5	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3
82.5°	3.5	3.5	3.5	4.0	4.4	4.9	5.3	5.5	5.6	5.6	5.6
80°	4.2	4.5	4.6	4.7	4.9	5.1	5.4	5.8	6.3	6.6	6.8
77.5°	4.5	4.9	5.4	5.5	5.6	5.6	5.6	5.9	6.3	6.8	7.1
75°	5.7	5.9	6.4	7.0	7.2	7.1	6.9	6.8	6.8	6.9	7.1
72.5°	10.0	9.9	10.4	11.5	11.9	12.5	12.4	11.5	10.1	8.4	7.1
70°	13.9	14.9	17.0	20.1	22.3	23.2	22.8	21.0	18.1	15.8	12.7
67.5°	14.7	16.7	19.9	23.7	26.7	29.7	32.4	34.6	33.6	30.3	21.9
65°	13.0	15.1	17.5	20.5	24.2	29.0	35.5	39.4	41.6	42.1	34.9
62.5°	10.1	12.1	13.4	15.5	18.4	23.0	30.9	37.9	44.1	46.0	39.2
60°	7.8	8.9	9.8	11.0	12.6	17.0	25.1	33.5	42.4	42.6	39.4
57.5°	6.8	7.5	8.2	8.7	8.9	12.4	18.8	27.2	36.4	36.3	35.2
55°	6.9	7.4	7.9	8.4	8.9	10.3	12.9	18.5	26.0	27.9	27.8
52.5°	7.0	7.6	8.1	8.6	8.9	9.3	10.2	13.3	16.1	19.1	20.5
50°	7.2	7.7	8.2	8.8	9.1	9.0	9.3	10.2	11.7	13.6	14.9
47.5°	8.7	8.7	8.6	9.0	9.6	9.8	9.5	9.3	10.4	10.8	12.1
45°	11.9	11.2	10.2	10.7	10.8	10.9	10.8	11.4	11.0	11.1	10.6
42.5°	25.1	18.7	14.6	15.8	14.9	14.2	13.5	14.6	14.0	12.7	13.6
40°	35.4	38.9	33.0	27.9	25.5	21.0	20.5	19.4	18.6	16.4	18.9
37.5°	43.6	42.6	51.4	53.4	45.1	37.7	32.3	28.1	25.0	25.6	27.1
35°	70.4	67.9	70.6	74.3	72.3	66.0	52.8	41.8	36.4	37.1	37.1
32.5°	113.1	108.7	102.7	102.3	106.1	102.4	86.2	64.6	55.8	52.3	49.3
30°	170.2	161.0	146.9	145.3	153.0	144.6	127.1	112.0	92.6	70.4	63.4
27.5°	264.5	232.0	211.3	218.3	216.2	201.3	188.3	172.9	140.1	105.6	85.3
25°	423.7	361.6	336.5	324.6	302.4	289.2	269.1	242.3	203.2	159.7	139.9
22.5°	650.5	597.5	530.2	460.2	463.7	439.9	375.1	319.1	304.9	305.2	241.2
20°	1183.1	1000.4	822.8	797.9	761.2	648.2	515.2	506.5	555.8	510.5	377.2
17.5°	2747.6	1895.0	1518.9	1422.7	1220.7	972.4	928.6	882.5	854.4	765.1	539.8
15°	5300.9	3877.7	2880.7	2351.7	1924.3	1675.3	1550.4	1312.1	1199.5	1048.2	781.9
12.5°	11860.7	7267.6	4423.0	3583.1	2953.6	2497.5	2237.0	1877.8	1591.7	1409.1	1143.9
10°	19956.6	12225.3	7365.8	5209.2	4146.6	3398.1	2874.1	2396.6	2005.1	1793.7	1516.7
7.5°	31176.3	18496.9	10695.0	6829.9	5238.1	4143.6	3393.8	2846.5	2404.1	2168.6	1892.3
5°	40207.2	23342.2	12876.6	8112.0	6186.2	4867.8	3918.7	3252.8	2788.4	2532.8	2261.0
2.5°	45655.2	25964.6	14343.7	9260.4	7010.4	5484.0	4373.7	3559.7	3062.1	2745.0	2448.6
0°	48844.4	28006.2	15789.3	9803.3	7462.5	5840.5	4710.0	3783.6	3277.8	2917.6	2610.5
-2.5°	46852.4	27637.8	15286.9	9478.8	7155.8	5685.5	4663.1	3852.8	3357.8	2977.0	2617.7
-5°	42044.7	23979.3	13552.3	8736.0	6656.6	5339.2	4450.1	3784.1	3338.4	2986.8	2591.3
-7.5°	34775.9	19762.6	11552.1	7835.6	6049.3	4894.6	4125.4	3556.1	3136.9	2830.7	2430.7
-10°	25768.7	15152.0	9415.0	6763.9	5352.5	4416.6	3790.0	3296.9	2931.7	2668.1	2245.4
-12.5°	19359.4	11343.1	7223.6	5589.6	4606.9	3941.3	3474.7	3023.8	2728.3	2503.3	2040.1
-15°	12899.3	8547.4	6103.9	4796.2	4003.6	3525.6	3180.6	2795.0	2575.5	2346.3	1818.7
-17.5°	9496.4	6447.8	4936.8	4126.5	3568.4	3195.5	2911.0	2631.7	2419.7	2147.7	1583.4
-20°	6636.7	5135.8	4246.4	3624.1	3206.1	2927.0	2669.3	2459.9	2247.0	1868.6	1345.0



REPORT NUMBER: P1306143 (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°	5114.7	4368.6	3738.0	3219.2	2899.4	2682.5	2480.2	2289.4	2059.2	1574.1	1111.8
-25°	4254.7	3802.3	3381.7	3026.3	2682.1	2457.1	2307.3	2126.8	1776.1	1296.0	913.9
-27.5°	3656.0	3366.6	3170.1	2846.0	2535.4	2301.0	2142.9	1943.5	1497.8	1084.5	875.0
-30°	3241.4	3090.8	2905.8	2632.9	2370.8	2171.8	2005.8	1644.8	1251.4	920.5	854.2
-32.5°	2976.3	2843.0	2648.4	2402.6	2202.7	2064.8	1748.2	1361.2	1004.8	897.2	825.2
-35°	2806.0	2616.5	2400.0	2230.1	2100.9	1815.6	1466.3	1097.1	934.6	867.8	791.4
-37.5°	2585.7	2384.8	2239.8	2084.3	1822.1	1510.6	1147.3	981.8	908.3	829.0	746.9
-40°	2378.4	2221.8	1994.7	1760.7	1459.9	1130.8	1025.9	962.0	873.5	782.0	695.5
-42.5°	2064.1	1856.9	1613.6	1329.5	1101.6	1059.1	1005.2	918.0	825.8	729.0	641.9
-45°	1605.2	1373.9	1158.8	1115.1	1072.9	1013.2	949.1	855.6	759.1	669.8	585.8
-47.5°	1188.3	1144.9	1107.5	1059.9	998.8	935.0	858.4	774.2	687.6	606.2	539.8
-50°	1102.9	1061.2	1015.9	964.3	898.5	829.2	760.0	690.2	616.4	552.5	489.2
-52.5°	998.8	950.6	898.8	843.9	786.1	724.5	662.6	611.5	554.5	493.2	432.7
-55°	862.2	820.4	774.7	725.9	676.9	632.0	585.9	537.5	485.3	428.4	374.3
-57.5°	731.7	696.2	661.7	626.1	589.4	546.5	501.3	456.2	411.5	361.3	314.6
-60°	621.6	592.5	560.1	525.8	489.7	451.5	412.9	373.5	333.5	300.5	266.4
-62.5°	507.8	477.8	451.4	423.8	392.5	358.1	327.6	302.0	275.6	247.0	213.8
-65°	409.6	383.5	357.8	333.9	309.6	284.9	263.0	239.0	213.6	187.4	158.2
-67.5°	325.9	300.9	279.1	259.0	237.2	213.2	191.7	170.4	151.5	132.7	109.5
-70°	247.0	224.2	203.5	183.8	163.5	144.5	129.3	114.4	98.3	83.8	68.3
-72.5°	161.1	141.9	124.9	111.0	97.7	87.5	77.6	67.0	55.9	44.3	35.6
-75°	83.9	74.2	65.1	58.0	50.3	41.9	37.9	35.9	33.8	31.3	28.5
-77.5°	47.0	42.2	38.2	36.4	34.6	32.7	30.7	28.7	26.7	24.8	23.0
-80°	35.3	32.0	28.9	27.5	26.1	24.9	23.6	22.2	20.8	19.5	18.5
-82.5°	23.3	21.0	18.8	18.3	17.7	17.1	16.5	15.9	15.4	15.1	14.8
-85°	16.3	14.0	11.7	11.6	11.5	11.3	11.1	11.2	11.2	11.2	11.1
-87.5°	12.8	11.0	9.1	9.0	9.0	9.0	8.9	8.8	8.7	8.5	8.4
-90°	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3



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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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.1	7.1	7.1
85°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	6.7	6.7	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.3	7.6	7.6	7.4	7.1	7.1	7.1	7.1
70°	9.7	7.6	7.1	7.2	7.7	8.2	8.1	7.7	7.1	7.1	7.1
67.5°	14.3	10.9	8.6	7.3	7.3	7.8	8.7	8.4	7.8	7.1	7.1
65°	25.1	16.7	10.4	8.7	7.5	7.3	8.0	8.7	8.4	7.7	7.1
62.5°	32.3	24.7	16.8	11.1	8.3	7.4	7.3	8.2	8.8	8.2	7.4
60°	35.5	28.4	22.7	16.7	10.9	7.5	7.2	7.8	8.5	8.8	7.9
57.5°	32.5	30.3	25.9	21.1	15.4	9.6	7.3	7.7	8.3	8.8	8.4
55°	27.4	26.6	27.3	23.6	18.9	13.2	8.5	7.8	8.2	8.7	8.9
52.5°	20.4	23.3	25.9	25.1	20.9	16.3	11.3	7.9	8.3	8.7	8.9
50°	15.0	19.4	24.3	25.4	22.5	18.0	13.6	9.6	8.4	8.8	9.0
47.5°	13.9	17.6	21.6	25.6	24.1	19.7	15.3	11.1	8.5	8.9	9.1
45°	14.3	17.4	20.4	24.0	25.6	21.0	16.7	12.2	9.4	9.1	9.3
42.5°	15.8	18.6	20.8	22.9	24.5	21.9	18.1	13.4	10.0	9.3	9.5
40°	20.5	20.9	22.1	24.1	23.7	22.5	18.7	14.5	10.3	9.7	9.7
37.5°	26.7	25.7	25.0	27.7	24.7	22.4	18.9	15.6	11.5	10.4	10.0
35°	35.7	32.6	31.1	33.3	29.8	23.1	18.9	16.2	13.3	11.2	10.3
32.5°	46.0	44.0	42.1	39.8	36.8	24.3	19.3	17.7	15.2	12.0	10.7
30°	61.8	64.3	55.5	47.1	44.8	30.9	21.8	19.6	17.2	12.9	11.1
27.5°	96.6	90.9	72.6	59.0	51.8	39.8	27.2	21.9	19.2	14.0	11.8
25°	141.5	126.3	98.8	73.6	59.4	64.5	33.6	24.7	21.2	15.7	12.5
22.5°	195.8	169.6	129.3	89.4	93.7	96.7	47.3	29.8	23.3	17.3	13.2
20°	256.9	219.5	174.5	148.7	136.9	127.5	71.0	35.4	25.5	18.9	13.9
17.5°	333.8	312.5	283.4	226.3	186.2	161.4	98.8	41.4	27.9	20.5	14.6
15°	546.6	455.7	404.1	313.0	238.8	197.9	129.7	47.7	30.4	22.0	15.4
12.5°	803.3	601.6	533.5	406.7	294.0	236.3	162.6	54.2	32.9	23.7	16.3
10°	1078.0	749.4	668.8	505.1	350.8	276.0	196.5	62.1	37.1	25.6	17.4
7.5°	1361.9	897.7	807.1	605.4	407.1	315.5	233.9	73.1	41.7	27.4	18.4
5°	1617.8	1022.9	917.9	690.8	457.7	353.4	270.3	84.1	46.3	29.0	19.4
2.5°	1741.1	1110.5	1005.8	769.4	506.2	389.7	304.0	94.7	50.8	30.5	20.4
0°	1838.6	1194.4	1086.1	841.2	551.9	424.1	333.6	104.7	55.0	31.9	21.3
-2.5°	1848.0	1192.3	1075.4	840.2	568.2	437.8	339.9	119.9	67.6	40.5	25.4
-5°	1829.0	1185.4	1057.5	831.8	580.7	448.7	341.6	134.0	79.6	48.8	29.3
-7.5°	1721.1	1146.0	1022.8	815.3	589.3	456.5	339.2	146.8	90.9	56.4	32.9
-10°	1573.5	1086.3	967.3	778.2	579.7	455.5	333.1	158.3	101.1	63.3	36.0
-12.5°	1401.6	1025.2	911.2	738.4	564.4	447.0	322.4	168.7	110.3	69.2	38.6
-15°	1206.4	963.8	856.4	697.3	546.4	436.9	310.5	177.8	118.6	74.7	40.7
-17.5°	995.7	902.9	804.5	656.2	525.8	425.4	298.1	185.0	125.8	79.8	42.9
-20°	931.9	855.7	755.7	616.3	503.0	412.9	285.9	190.4	131.7	83.6	45.1



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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°	895.3	818.1	712.7	585.3	481.4	399.6	274.5	193.8	136.3	86.0	46.3
-25°	859.8	780.2	671.5	558.2	463.8	380.4	270.3	195.1	139.4	87.0	46.4
-27.5°	819.2	739.8	630.4	529.0	446.9	364.4	270.5	197.8	140.8	86.3	45.3
-30°	777.2	693.3	594.4	500.7	428.3	345.0	268.1	198.8	139.8	84.9	43.1
-32.5°	742.8	648.4	558.2	478.5	405.9	324.7	257.9	197.8	136.7	82.2	41.4
-35°	701.2	608.4	521.5	454.7	381.5	307.9	244.2	195.0	131.3	77.7	39.3
-37.5°	656.5	568.6	494.1	428.4	356.2	288.8	231.8	181.9	123.6	71.5	36.2
-40°	610.2	530.8	465.6	400.1	332.2	267.5	217.5	165.8	114.7	63.5	32.1
-42.5°	561.7	496.6	432.7	370.6	306.6	249.9	201.2	148.1	100.8	56.5	26.8
-45°	521.1	458.3	396.2	337.4	279.7	230.4	179.6	129.0	85.1	49.3	22.9
-47.5°	476.3	415.2	357.4	302.0	255.8	207.8	156.2	110.2	68.5	40.6	21.8
-50°	426.1	370.0	316.6	270.2	228.5	179.8	131.8	90.1	56.6	30.1	20.4
-52.5°	375.6	323.5	278.9	238.8	195.5	149.9	107.9	69.6	44.0	25.3	18.9
-55°	323.0	281.0	243.1	202.5	160.2	120.8	82.8	54.9	31.0	23.0	17.2
-57.5°	277.4	240.8	202.3	163.1	126.2	91.1	62.4	39.7	25.9	20.5	16.1
-60°	231.8	194.9	158.5	125.1	92.5	65.7	44.9	28.0	23.1	18.3	14.9
-62.5°	180.4	147.7	117.1	87.4	64.6	45.7	29.4	24.9	20.2	16.8	13.6
-65°	131.6	103.9	76.3	59.4	42.4	29.6	25.8	21.6	18.2	15.3	12.5
-67.5°	85.2	67.3	50.1	34.8	28.9	25.5	22.1	19.2	16.5	13.7	11.6
-70°	52.6	37.6	30.6	27.4	24.4	21.6	19.6	17.2	14.7	12.7	10.7
-72.5°	32.1	28.7	25.5	22.7	20.9	19.1	17.3	15.3	13.5	11.6	9.8
-75°	25.7	23.5	21.5	19.8	18.2	16.6	15.3	14.0	12.3	10.5	9.4
-77.5°	21.3	19.7	18.2	16.8	15.6	14.5	13.6	12.6	11.1	10.0	9.3
-80°	17.4	16.2	15.0	13.9	13.1	12.4	11.8	11.2	10.2	9.5	9.1
-82.5°	13.8	12.9	12.1	11.4	11.0	10.6	10.2	9.8	9.3	8.9	8.7
-85°	10.6	10.1	9.8	9.4	9.2	8.9	8.8	8.6	8.5	8.3	8.2
-87.5°	8.3	8.3	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6
-90°	5.3	5.3	5.3	5.3	5.8	6.2	6.7	7.1	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
67.5°	7.2	7.1	7.1	7.1	7.1	7.1	7.1
65°	7.2	7.2	7.1	7.1	7.1	7.1	7.1
62.5°	7.3	7.3	7.1	7.1	7.1	7.1	7.1
60°	7.4	7.5	7.1	7.1	7.1	7.1	7.1
57.5°	7.8	7.6	7.3	7.1	7.1	7.1	7.1
55°	8.1	7.8	7.4	7.1	7.1	7.1	7.1
52.5°	8.4	8.0	7.6	7.1	7.2	7.1	7.1
50°	8.7	8.2	7.8	7.1	7.2	7.1	7.1
47.5°	8.9	8.4	8.0	7.1	7.3	7.1	7.1
45°	9.1	8.6	8.3	7.3	7.3	7.1	7.1
42.5°	9.2	8.7	8.5	7.5	7.4	7.1	7.1
40°	9.4	8.8	8.7	7.7	7.4	7.1	7.1
37.5°	9.6	8.9	8.7	7.9	7.5	7.1	7.1
35°	9.9	9.0	8.8	8.1	7.6	7.1	7.1
32.5°	10.1	9.2	8.9	8.2	7.7	7.1	7.1
30°	10.4	9.4	8.9	8.4	7.8	7.1	7.1
27.5°	10.7	9.6	8.9	8.5	7.8	7.1	7.1
25°	11.0	9.8	8.9	8.6	7.9	7.1	7.1
22.5°	11.3	9.9	8.9	8.7	8.0	7.1	7.1
20°	11.7	10.1	8.9	8.7	8.1	7.1	7.1
17.5°	11.9	10.2	8.9	8.8	8.2	7.1	7.1
15°	12.0	10.3	8.9	8.8	8.3	7.1	7.1
12.5°	12.1	10.4	8.9	8.9	8.4	7.1	7.1
10°	12.2	10.5	8.9	8.9	8.5	7.1	7.1
7.5°	12.3	10.5	8.9	8.9	8.6	7.1	7.1
5°	12.4	10.6	8.9	8.9	8.7	7.1	7.1
2.5°	12.4	10.6	8.9	8.9	8.8	7.1	7.1
0°	12.4	10.6	8.9	8.9	8.9	7.1	7.1
-2.5°	14.0	11.0	9.0	8.9	8.9	7.1	7.1
-5°	15.6	11.4	9.2	8.9	8.9	7.1	7.1
-7.5°	17.1	11.7	9.3	8.9	8.9	7.1	7.1
-10°	18.4	12.0	9.5	8.9	8.8	7.1	7.1
-12.5°	19.5	12.2	9.6	8.9	8.8	7.1	7.1
-15°	20.4	12.5	9.7	8.9	8.8	7.1	7.1
-17.5°	21.0	12.6	9.7	8.9	8.7	7.1	7.1
-20°	21.6	12.7	9.8	8.9	8.7	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.3	12.7	9.8	8.9	8.6	7.1	7.1
-25°	22.4	12.8	9.8	8.9	8.6	7.1	7.1
-27.5°	21.9	12.9	9.8	8.9	8.5	7.1	7.1
-30°	20.8	12.9	9.7	8.9	8.4	7.1	7.1
-32.5°	19.0	12.8	9.7	8.9	8.3	7.1	7.1
-35°	18.3	12.6	9.7	8.9	8.2	7.1	7.1
-37.5°	18.0	12.4	9.6	8.9	8.2	7.1	7.1
-40°	17.5	12.3	9.5	8.9	8.1	7.1	7.1
-42.5°	16.9	12.1	9.5	8.9	8.0	7.1	7.1
-45°	16.1	11.9	9.5	8.9	7.8	7.1	7.1
-47.5°	15.2	11.6	9.5	8.9	7.7	7.1	7.1
-50°	14.6	11.2	9.4	8.8	7.6	7.1	7.1
-52.5°	14.0	10.7	9.3	8.6	7.5	7.1	7.1
-55°	13.3	10.5	9.2	8.5	7.4	7.1	7.1
-57.5°	12.5	10.2	9.1	8.3	7.2	7.1	7.1
-60°	11.6	9.9	8.9	8.1	7.1	7.1	7.1
-62.5°	11.1	9.5	8.7	8.0	7.1	7.1	7.1
-65°	10.4	9.1	8.6	7.8	7.1	7.1	7.1
-67.5°	9.8	8.8	8.4	7.7	7.1	7.1	7.1
-70°	9.0	8.7	8.3	7.5	7.1	7.1	7.1
-72.5°	8.9	8.6	8.1	7.4	7.1	7.1	7.1
-75°	8.9	8.5	8.0	7.4	7.1	7.1	7.1
-77.5°	8.9	8.4	7.8	7.4	7.1	7.1	7.1
-80°	8.9	8.2	7.7	7.3	7.1	7.1	7.1
-82.5°	8.5	8.0	7.6	7.3	7.1	7.1	7.1
-85°	8.0	7.7	7.4	7.2	7.1	7.1	7.1
-87.5°	7.6	7.4	7.3	7.2	7.1	7.1	7.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1

(END OF REPORT)