

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: P1306383 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306383 (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-08-680N-57-70-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

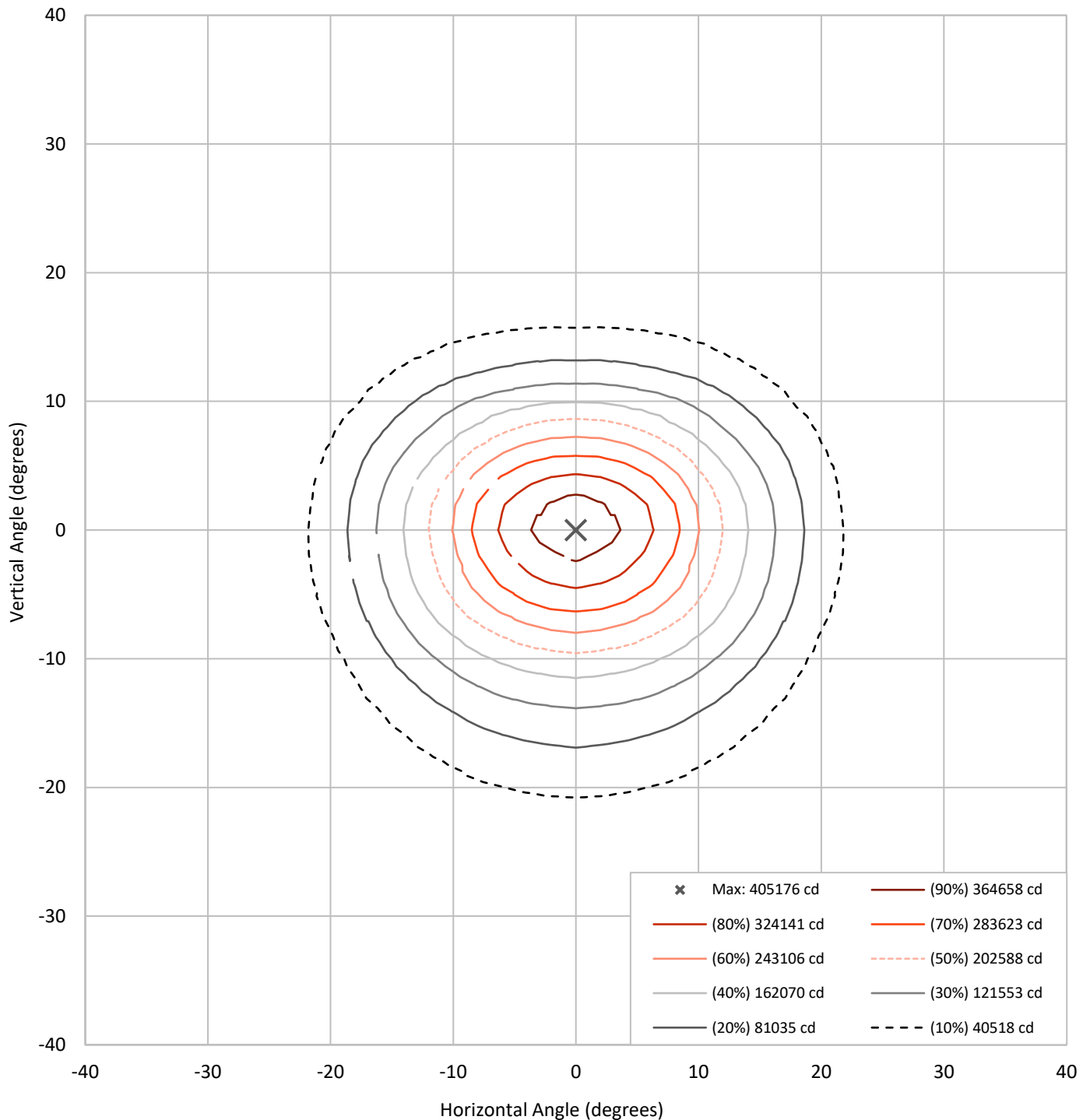
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	67735.4 lumens	Max Intensity:	405176 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	28975.6 lumens	Field Lumens:	57886.6 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%

Input Watts (W): 688
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Candela Plot





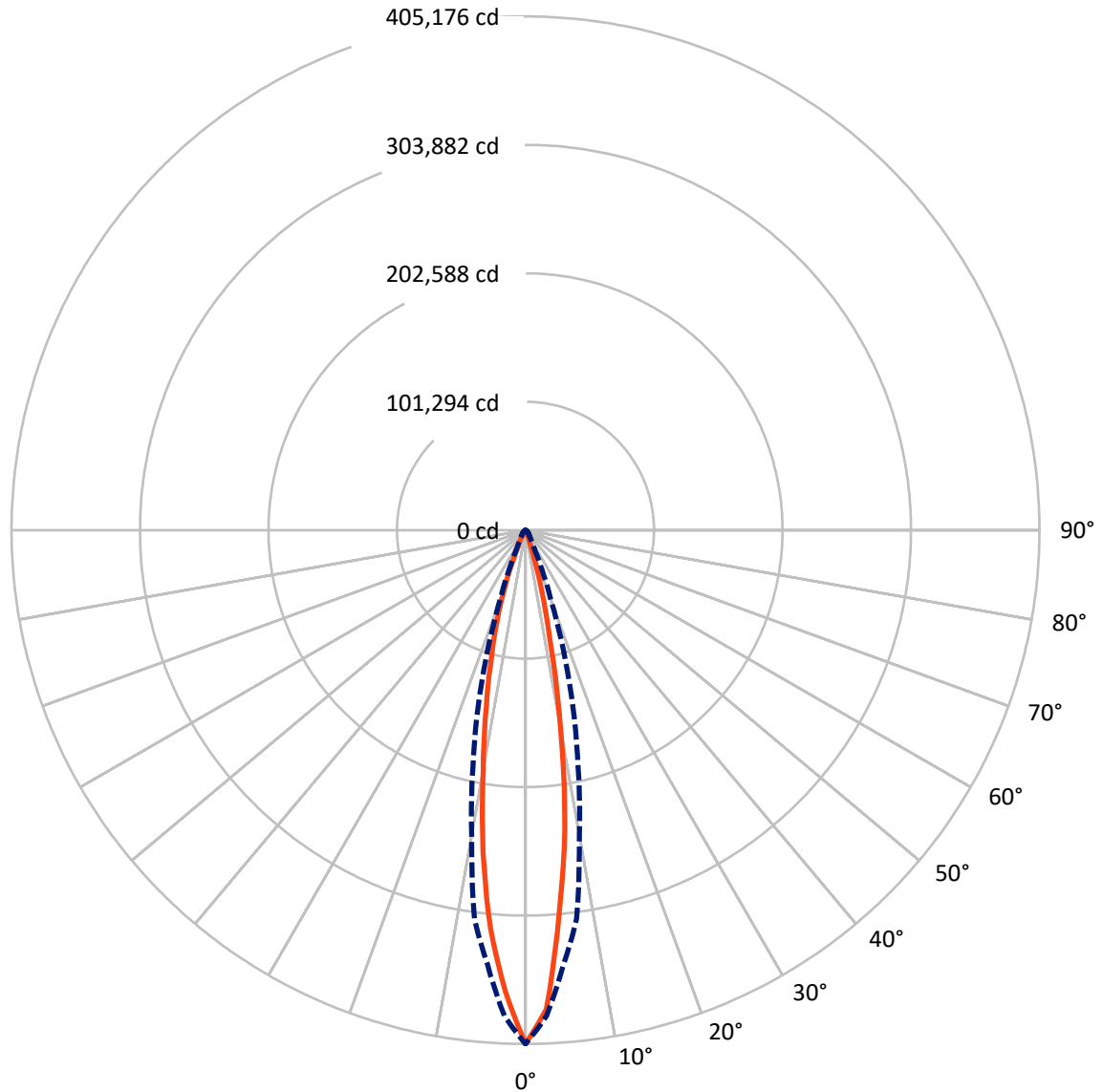
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Lumen Table

90	0.2	0.5	0.8	0.9	1.0	0.9	0.8	0.5	0.2										
80	0.2	0.5	0.8	0.9	1.0	0.9	0.8	0.5	0.2										
70	0.2	0.1	0.2	0.8	0.9	0.5	0.3	0.3	0.3	0.3	0.5	0.9	0.8	0.2	0.1	0.2			
60		0.1	0.5	0.7	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.7	0.5	0.1				
50	0.2	0.2	0.5	0.4	0.4	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.4	0.5	0.2	0.2			
40		0.3	0.7	1.0	1.8	2.6	3.3	4.3	4.3	3.3	2.6	1.8	1.0	0.7	0.3				
30	0.3	0.5	1.9	4.7	8.9	13.6	30.8	61.9	61.9	30.8	13.6	8.9	4.7	1.9	0.5	0.3			
20		1.3	7.0	22.2	48.8	130.8	725.6	1660.3	1660.3	725.6	130.8	48.8	22.2	7.0	1.3				
10	0.4	2.5	14.6	52.7	122.8	540.3	3388.5	7909.4	7909.4	3388.5	540.3	122.8	52.7	14.6	2.5	0.4			
0		3.3	17.4	61.6	137.8	575.8	3614.1	8146.5	8146.5	3614.1	575.8	137.8	61.6	17.4	3.3				
-10	0.7	3.5	15.0	46.8	97.8	248.2	1312.2	2953.1	2953.1	1312.2	248.2	97.8	46.8	15.0	3.5	0.7			
-20		3.4	12.1	29.3	69.1	117.1	254.1	511.0	511.0	254.1	117.1	69.1	29.3	12.1	3.4				
-30	0.6	3.0	9.7	20.5	44.7	80.7	109.7	128.0	128.0	109.7	80.7	44.7	20.5	9.7	3.0	0.6			
-40		2.1	7.2	15.6	27.8	45.3	69.4	87.3	87.3	69.4	45.3	27.8	15.6	7.2	2.1				
-50	0.3	1.0	4.3	9.9	17.6	25.9	32.9	36.9	36.9	32.9	25.9	17.6	9.9	4.3	1.0	0.3			
-60		0.4	1.5	4.2	8.0	12.2	16.4	18.9	18.9	16.4	12.2	8.0	4.2	1.5	0.4				
-70																			
-80	0.2	1.0	3.2	8.8	13.5	8.8	3.2	1.0	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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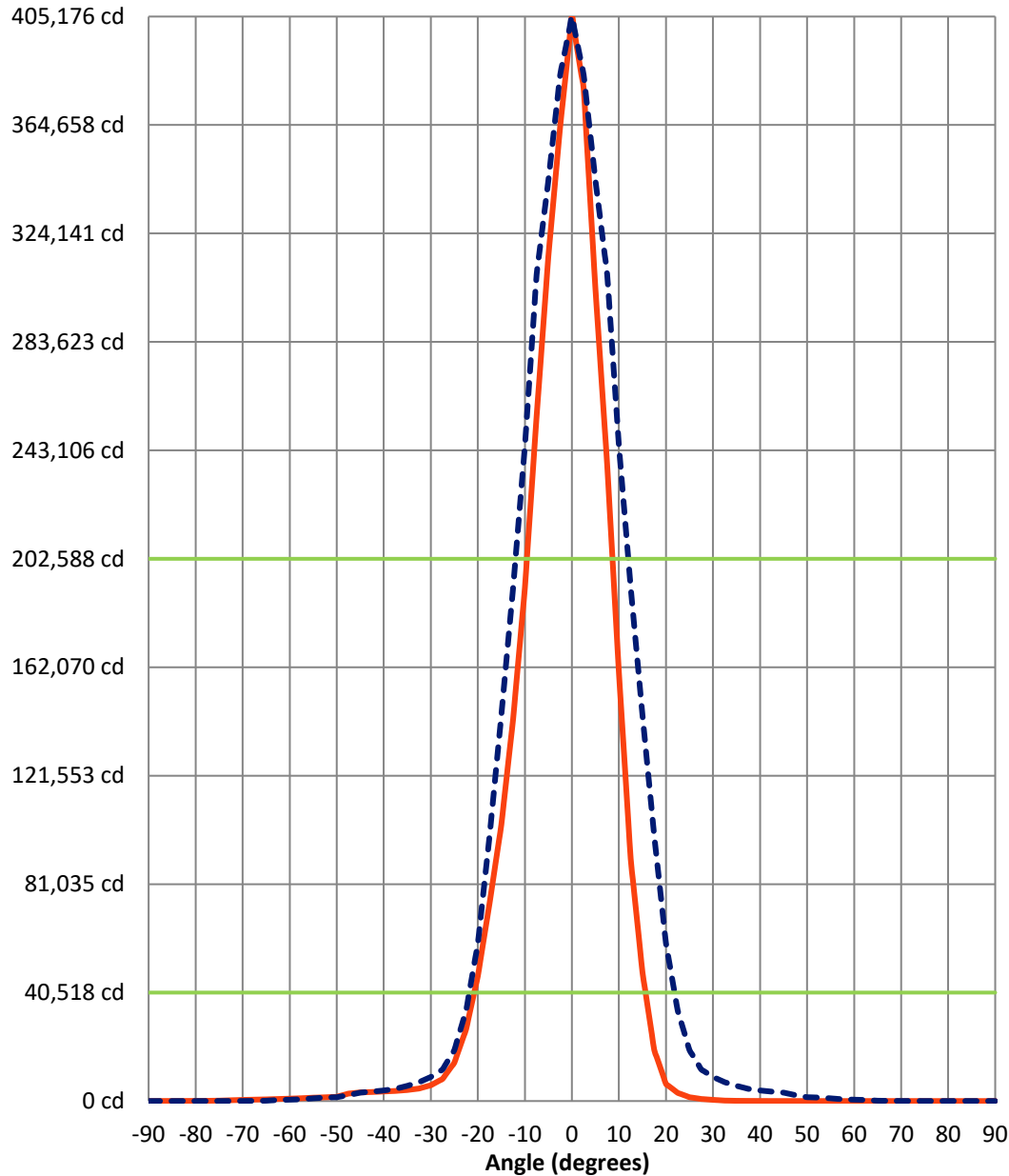
Luminous Intensity Polar Plot



— 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: 28975.6
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 57886.6
 Efficiency: 85.5%

Spill:
 Lumens: 9848.8
 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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
72.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
70°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.3
67.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.6	8.6	9.4	10.1
65°	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.6	9.3	10.1	10.5
62.5°	8.6	8.6	8.6	8.6	8.6	8.8	8.9	9.0	9.9	10.6	9.9
60°	8.6	8.6	8.6	8.6	8.6	9.0	9.0	9.6	10.6	10.3	9.4
57.5°	8.6	8.6	8.6	8.6	8.8	9.2	9.4	10.1	10.6	10.0	9.3
55°	8.6	8.6	8.7	8.6	9.0	9.4	9.8	10.6	10.5	9.9	9.5
52.5°	8.6	8.6	8.7	8.6	9.2	9.7	10.2	10.7	10.5	10.0	9.6
50°	8.6	8.6	8.7	8.6	9.5	9.9	10.5	10.8	10.6	10.2	11.6
47.5°	8.6	8.6	8.8	8.6	9.7	10.1	10.7	11.0	10.7	10.3	13.4
45°	8.6	8.6	8.9	8.8	10.0	10.3	10.9	11.2	10.9	11.3	14.7
42.5°	8.6	8.6	8.9	9.0	10.2	10.5	11.1	11.4	11.2	12.0	16.1
40°	8.6	8.6	9.0	9.3	10.4	10.6	11.3	11.7	11.7	12.5	17.5
37.5°	8.6	8.6	9.1	9.5	10.5	10.7	11.6	12.0	12.6	13.8	18.8
35°	8.6	8.6	9.2	9.7	10.6	10.8	11.9	12.4	13.5	16.1	19.5
32.5°	8.6	8.6	9.3	9.9	10.6	11.1	12.2	12.9	14.5	18.4	21.4
30°	8.6	8.6	9.4	10.1	10.7	11.3	12.5	13.4	15.5	20.8	23.7
27.5°	8.6	8.6	9.5	10.2	10.7	11.5	12.9	14.3	16.9	23.2	26.5
25°	8.6	8.6	9.6	10.3	10.7	11.8	13.3	15.1	18.9	25.6	29.8
22.5°	8.6	8.6	9.7	10.4	10.7	12.0	13.7	15.9	20.9	28.1	35.9
20°	8.6	8.6	9.8	10.5	10.7	12.2	14.1	16.8	22.8	30.8	42.7
17.5°	8.6	8.6	9.9	10.6	10.7	12.3	14.4	17.6	24.7	33.7	49.9
15°	8.6	8.6	10.0	10.6	10.7	12.4	14.5	18.6	26.6	36.7	57.5
12.5°	8.6	8.6	10.2	10.7	10.7	12.5	14.7	19.7	28.7	39.7	65.3
10°	8.6	8.6	10.3	10.7	10.7	12.6	14.8	21.0	30.9	44.7	74.8
7.5°	8.6	8.6	10.4	10.7	10.7	12.7	14.9	22.2	33.0	50.3	88.1
5°	8.6	8.6	10.5	10.7	10.7	12.8	14.9	23.4	35.0	55.8	101.4
2.5°	8.6	8.6	10.6	10.7	10.7	12.8	15.0	24.6	36.9	61.2	114.2
0°	8.6	8.6	10.7	10.7	10.7	12.8	15.0	25.7	38.5	66.3	126.2
-2.5°	8.6	8.6	10.7	10.7	10.9	13.3	17.0	30.7	48.9	81.5	144.5
-5°	8.6	8.6	10.7	10.7	11.1	13.7	18.9	35.4	58.8	96.0	161.5
-7.5°	8.6	8.6	10.7	10.7	11.2	14.1	20.7	39.7	68.0	109.5	177.0
-10°	8.6	8.6	10.6	10.7	11.4	14.5	22.3	43.5	76.3	121.9	190.9
-12.5°	8.6	8.6	10.6	10.7	11.5	14.8	23.6	46.6	83.5	132.9	203.5
-15°	8.6	8.6	10.6	10.7	11.6	15.0	24.7	49.1	90.0	143.0	214.4
-17.5°	8.6	8.6	10.5	10.7	11.7	15.2	25.4	51.8	96.2	151.7	223.1
-20°	8.6	8.6	10.4	10.7	11.8	15.3	26.1	54.4	100.8	158.8	229.6



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 CATALOG NUMBER: EPH-08-680N-57-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.6	8.6	10.4	10.7	11.8	15.3	26.9	55.8	103.7	164.3	233.6
-25°	8.6	8.6	10.3	10.7	11.8	15.5	27.1	56.0	104.9	168.1	235.3
-27.5°	8.6	8.6	10.2	10.7	11.8	15.6	26.5	54.7	104.1	169.8	238.5
-30°	8.6	8.6	10.1	10.7	11.7	15.6	25.1	52.0	102.3	168.6	239.7
-32.5°	8.6	8.6	10.0	10.7	11.7	15.5	23.0	50.0	99.1	164.8	238.6
-35°	8.6	8.6	9.9	10.7	11.7	15.2	22.0	47.5	93.7	158.3	235.2
-37.5°	8.6	8.6	9.8	10.7	11.6	15.0	21.7	43.7	86.3	149.1	219.4
-40°	8.6	8.6	9.7	10.7	11.5	14.8	21.1	38.7	76.6	138.3	200.0
-42.5°	8.6	8.6	9.6	10.7	11.4	14.6	20.4	32.4	68.1	121.5	178.5
-45°	8.6	8.6	9.5	10.7	11.4	14.4	19.5	27.6	59.4	102.7	155.5
-47.5°	8.6	8.6	9.3	10.7	11.4	14.0	18.3	26.3	49.0	82.7	132.8
-50°	8.6	8.6	9.2	10.6	11.4	13.5	17.6	24.7	36.3	68.2	108.7
-52.5°	8.6	8.6	9.1	10.4	11.2	13.0	16.9	22.8	30.5	53.1	84.0
-55°	8.6	8.6	8.9	10.2	11.1	12.6	16.1	20.8	27.7	37.4	66.3
-57.5°	8.6	8.6	8.8	10.0	10.9	12.3	15.1	19.5	24.8	31.2	47.9
-60°	8.6	8.6	8.6	9.8	10.7	11.9	14.1	18.1	22.1	27.8	33.8
-62.5°	8.6	8.6	8.6	9.6	10.5	11.5	13.4	16.5	20.3	24.4	30.0
-65°	8.6	8.6	8.6	9.4	10.3	11.0	12.6	15.1	18.5	22.0	26.0
-67.5°	8.6	8.6	8.6	9.3	10.1	10.6	11.7	14.0	16.6	19.9	23.2
-70°	8.6	8.6	8.6	9.1	10.0	10.5	10.8	12.9	15.3	17.7	20.8
-72.5°	8.6	8.6	8.6	9.0	9.8	10.4	10.7	11.8	14.0	16.3	18.5
-75°	8.6	8.6	8.6	9.0	9.6	10.3	10.7	11.4	12.7	14.8	16.9
-77.5°	8.6	8.6	8.6	8.9	9.5	10.2	10.6	11.1	12.1	13.4	15.2
-80°	8.6	8.6	8.6	8.9	9.3	9.9	10.7	10.9	11.4	12.3	13.5
-82.5°	8.6	8.6	8.6	8.8	9.1	9.6	10.2	10.5	10.7	11.2	11.8
-85°	8.6	8.6	8.6	8.7	9.0	9.3	9.7	9.9	10.0	10.2	10.4
-87.5°	8.6	8.6	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.1	9.7	10.2
87.5°	8.3	8.1	7.8	7.7	7.4	7.1	6.8	6.4	6.4	6.4	6.4
85°	8.6	8.6	8.6	8.6	8.1	7.5	7.0	6.4	6.4	6.4	6.4
82.5°	8.6	8.6	8.6	8.6	8.1	7.6	7.0	6.7	6.8	6.7	6.6
80°	8.6	8.6	8.6	8.6	8.3	8.2	8.1	8.2	8.0	7.6	7.0
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.2	7.6	7.1
75°	8.6	8.6	8.7	8.7	8.6	8.6	8.6	8.6	8.4	8.2	8.2
72.5°	8.9	9.2	9.2	8.9	8.6	8.6	8.6	8.6	10.1	12.3	13.9
70°	9.8	9.9	9.3	8.8	8.6	9.2	11.7	15.3	19.1	21.8	25.4
67.5°	10.4	9.5	8.8	8.8	10.3	13.2	17.3	26.4	36.6	40.6	41.7
65°	9.6	8.8	9.1	10.5	12.6	20.2	30.2	42.1	50.8	50.1	47.6
62.5°	8.8	8.9	10.0	13.4	20.3	29.7	38.9	47.2	55.5	53.2	45.7
60°	8.8	9.1	13.1	20.1	27.3	34.2	42.9	47.6	51.3	51.1	40.4
57.5°	8.9	11.6	18.6	25.4	31.2	36.5	39.2	42.5	43.8	43.9	32.9
55°	10.3	15.9	22.7	28.5	32.9	32.1	33.1	33.5	33.7	31.4	22.3
52.5°	13.6	19.6	25.2	30.2	31.3	28.2	24.6	24.8	23.1	19.5	16.1
50°	16.4	21.8	27.2	30.6	29.3	23.4	18.1	18.1	16.5	14.2	12.3
47.5°	18.4	23.8	29.1	30.9	26.0	21.2	16.8	14.6	13.0	12.6	11.2
45°	20.2	25.4	30.9	28.9	24.5	21.0	17.3	12.8	13.4	13.3	13.7
42.5°	21.9	26.5	29.6	27.5	25.1	22.4	19.1	16.5	15.4	16.9	17.6
40°	22.6	27.1	28.6	29.0	26.6	25.2	24.7	22.8	19.8	22.5	23.4
37.5°	22.9	27.1	29.8	33.3	30.1	30.9	32.2	32.7	30.9	30.2	33.9
35°	22.8	27.9	35.9	40.1	37.5	39.3	43.0	44.8	44.8	44.0	50.5
32.5°	23.4	29.4	44.4	48.0	50.7	52.9	55.5	59.5	63.1	67.3	77.9
30°	26.4	37.3	54.1	56.8	66.9	77.5	74.5	76.5	84.9	111.6	135.0
27.5°	32.9	48.0	62.5	71.1	87.5	109.6	116.4	102.9	127.3	168.9	208.5
25°	40.6	77.8	71.6	88.7	119.1	152.3	170.7	168.7	192.5	245.0	292.1
22.5°	57.1	116.6	112.9	107.8	155.9	204.5	236.1	290.9	368.0	367.7	384.7
20°	85.7	153.7	165.0	179.3	210.4	264.6	309.8	454.8	615.6	670.2	610.7
17.5°	119.1	194.6	224.5	272.8	341.7	376.8	402.5	650.8	922.5	1030.2	1064.0
15°	156.3	238.6	288.0	377.4	487.2	549.4	659.0	942.8	1263.8	1446.3	1582.1
12.5°	196.1	284.9	354.5	490.4	643.2	725.4	968.5	1379.2	1699.0	1919.2	2264.2
10°	237.0	332.8	422.9	609.0	806.4	903.6	1299.8	1828.7	2162.8	2417.6	2889.6
7.5°	282.1	380.4	490.9	730.0	973.1	1082.5	1642.1	2281.6	2614.8	2898.8	3432.1
5°	326.0	426.1	551.8	832.9	1106.7	1233.4	1950.7	2726.1	3053.9	3362.1	3922.0
2.5°	366.5	469.9	610.3	927.7	1212.7	1339.0	2099.3	2952.3	3309.7	3692.1	4292.1
0°	402.3	511.4	665.5	1014.3	1309.5	1440.1	2216.8	3147.6	3517.8	3952.2	4562.0
-2.5°	409.8	527.9	685.1	1013.0	1296.6	1437.5	2228.2	3156.2	3589.5	4048.6	4645.5
-5°	411.8	541.1	700.2	1002.9	1275.0	1429.2	2205.2	3124.3	3601.3	4025.1	4562.6
-7.5°	408.9	550.5	710.6	982.9	1233.2	1381.8	2075.2	2930.7	3413.0	3782.2	4287.7
-10°	401.5	549.2	699.0	938.3	1166.2	1309.7	1897.2	2707.3	3216.9	3534.8	3975.1
-12.5°	388.7	538.9	680.5	890.3	1098.6	1236.1	1689.9	2459.8	3018.3	3289.7	3645.9
-15°	374.4	526.7	658.8	840.7	1032.5	1162.1	1454.6	2192.9	2828.9	3105.4	3370.1
-17.5°	359.4	512.9	634.0	791.2	970.0	1088.7	1200.6	1909.2	2589.5	2917.4	3173.2
-20°	344.7	497.8	606.5	743.0	911.1	1031.8	1123.6	1621.8	2253.1	2709.2	2966.0



REPORT NUMBER: P1306383 (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°	331.0	481.8	580.4	705.6	859.2	986.4	1079.6	1340.5	1898.0	2482.8	2760.3
-25°	325.9	458.7	559.2	673.0	809.6	940.7	1036.7	1101.9	1562.6	2141.5	2564.4
-27.5°	326.1	439.3	538.8	637.8	760.1	891.9	987.7	1055.0	1307.7	1806.0	2343.4
-30°	323.2	416.0	516.4	603.7	716.6	835.9	937.1	1030.0	1109.9	1508.9	1983.1
-32.5°	310.9	391.5	489.3	576.9	673.0	781.8	895.6	995.0	1081.8	1211.5	1641.2
-35°	294.5	371.2	459.9	548.2	628.8	733.6	845.5	954.2	1046.3	1126.8	1322.9
-37.5°	279.4	348.2	429.5	516.5	595.7	685.6	791.6	900.5	999.4	1095.1	1183.8
-40°	262.3	322.6	400.6	482.5	561.4	640.0	735.7	838.5	942.8	1053.2	1159.9
-42.5°	242.6	301.3	369.7	446.9	521.7	598.7	677.3	774.0	878.9	995.6	1106.8
-45°	216.6	277.9	337.3	406.8	477.8	552.5	628.3	706.3	807.6	915.3	1031.7
-47.5°	188.4	250.7	308.4	364.1	430.9	500.6	574.3	650.9	730.9	829.1	933.5
-50°	158.9	216.9	275.5	325.8	381.8	446.1	513.8	589.9	666.2	743.2	832.1
-52.5°	130.2	180.7	235.7	288.0	336.2	390.1	452.8	521.8	594.7	668.6	737.4
-55°	99.9	145.7	193.2	244.2	293.1	338.8	389.4	451.2	516.5	585.1	648.1
-57.5°	75.3	109.9	152.1	196.6	243.9	290.2	334.5	379.3	435.6	496.1	550.1
-60°	54.1	79.3	111.6	150.8	191.2	234.9	279.4	321.2	362.3	402.0	450.3
-62.5°	35.5	55.2	77.9	105.4	141.2	178.1	217.5	257.8	297.8	332.2	364.0
-65°	31.1	35.7	51.1	71.6	92.0	125.2	158.7	190.8	225.9	257.6	288.2
-67.5°	26.6	30.8	34.8	42.0	60.5	81.1	102.7	132.1	160.0	182.7	205.4
-70°	23.6	26.0	29.5	33.1	36.9	45.3	63.4	82.3	101.0	118.5	137.9
-72.5°	20.8	23.0	25.2	27.4	30.7	34.6	38.7	42.9	53.4	67.4	80.8
-75°	18.5	20.0	22.0	23.9	25.9	28.3	30.9	34.4	37.7	40.7	43.4
-77.5°	16.4	17.5	18.9	20.3	22.0	23.8	25.7	27.8	29.9	32.2	34.6
-80°	14.3	15.0	15.8	16.8	18.2	19.6	20.9	22.3	23.5	25.1	26.7
-82.5°	12.3	12.8	13.3	13.8	14.6	15.6	16.7	17.8	18.2	18.6	19.2
-85°	10.5	10.7	11.0	11.3	11.7	12.2	12.7	13.3	13.5	13.6	13.5
-87.5°	9.6	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.3	10.5	10.6
-90°	8.1	7.5	7.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.7	11.2	11.7	12.3	12.8	17.6	22.4	27.3	32.1	40.1	48.1
87.5°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	2.1	2.1
85°	6.4	5.9	5.4	4.8	4.3	4.2	4.2	4.1	4.2	3.7	3.2
82.5°	6.4	5.9	5.4	4.9	4.3	4.3	4.3	4.3	4.3	3.8	3.2
80°	6.5	6.1	5.9	5.7	5.6	5.4	5.1	4.8	4.3	4.3	4.2
77.5°	6.7	6.8	6.8	6.7	6.5	6.0	5.4	4.9	4.4	4.3	4.3
75°	8.4	8.6	8.8	8.5	7.7	7.2	6.8	6.5	6.1	5.7	5.3
72.5°	15.0	15.1	14.4	13.9	12.6	12.0	12.0	11.8	11.5	11.3	11.1
70°	27.4	27.9	26.8	24.2	20.4	18.0	16.8	15.3	13.5	12.7	12.7
67.5°	39.0	35.8	32.3	28.7	24.0	20.1	17.8	15.7	13.6	12.6	12.0
65°	42.8	35.0	29.2	24.7	21.1	18.2	15.7	13.4	11.1	9.6	9.1
62.5°	37.2	27.7	22.1	18.7	16.2	14.6	12.2	10.1	8.2	7.2	7.5
60°	30.2	20.5	15.2	13.3	11.8	10.7	9.4	8.1	7.1	6.4	6.6
57.5°	22.6	14.9	10.7	10.4	9.9	9.0	8.2	7.6	7.0	6.4	6.4
55°	15.6	12.4	10.8	10.2	9.6	9.0	8.4	7.7	7.1	6.4	6.4
52.5°	12.2	11.2	10.8	10.3	9.7	9.1	8.5	7.9	7.2	6.5	6.4
50°	11.2	10.8	10.9	10.5	9.9	9.3	8.7	8.3	8.1	7.8	8.0
47.5°	11.5	11.8	11.6	10.8	10.4	10.5	10.5	10.5	10.6	10.2	10.0
45°	13.1	13.2	13.0	12.9	12.3	13.6	14.3	14.4	16.7	15.9	13.4
42.5°	16.3	17.1	18.0	19.1	17.7	22.6	30.3	35.5	30.4	24.0	20.2
40°	24.7	25.3	30.7	33.6	39.8	46.9	42.7	35.7	31.8	34.0	35.2
37.5°	38.9	45.5	54.4	64.4	61.9	51.3	52.6	52.4	50.6	55.0	55.3
35°	63.6	79.6	87.2	89.6	85.1	81.8	84.8	87.8	81.2	91.6	94.9
32.5°	103.9	123.5	127.9	123.3	123.8	131.0	136.4	146.1	155.9	171.5	190.1
30°	153.2	174.4	184.4	175.2	177.2	194.2	205.2	227.4	262.9	303.5	354.0
27.5°	227.0	242.7	260.7	263.3	254.8	279.7	318.8	342.2	437.6	500.7	614.5
25°	324.4	348.7	364.6	391.4	405.7	435.9	510.9	583.0	729.5	872.2	1114.3
22.5°	452.3	530.3	559.0	554.9	639.2	720.4	784.3	986.2	1274.9	1697.4	2173.0
20°	621.2	781.6	917.8	962.1	992.1	1206.2	1426.4	2053.2	2771.8	3971.0	4903.3
17.5°	1119.7	1172.4	1471.8	1715.4	1831.3	2284.8	3312.8	4890.6	7602.6	11313.2	13594.7
15°	1869.3	2019.9	2320.1	2835.5	3473.4	4675.4	6391.4	11421.7	18377.0	25977.7	33213.9
12.5°	2697.1	3011.3	3561.2	4320.3	5333.0	8762.6	14300.7	23764.7	36641.1	49809.7	66604.7
10°	3465.3	4097.1	4999.7	6280.9	8881.1	14740.3	24062.3	40149.5	62957.7	86740.3	110499.8
7.5°	4092.0	4996.0	6315.7	8234.9	12895.2	22302.1	37590.0	61292.4	90536.2	121133.6	153348.0
5°	4724.9	5869.2	7458.8	9780.9	15525.6	28144.2	48478.8	80928.2	118667.5	157221.2	197818.5
2.5°	5273.5	6612.2	8452.5	11165.5	17294.5	31306.2	55047.6	95004.6	139314.3	185450.2	237157.3
0°	5678.9	7042.0	8997.7	11820.1	19037.5	33767.7	58892.9	99165.5	144233.3	191863.5	244710.4
-2.5°	5622.5	6855.2	8627.9	11428.8	18431.8	33323.6	56490.9	95739.6	139848.1	184496.9	231629.3
-5°	5365.6	6437.6	8026.1	10533.1	16340.3	28912.5	50694.3	86866.1	127881.1	168682.8	210619.2
-7.5°	4974.1	5901.6	7293.8	9447.6	13928.6	23828.2	41930.1	70225.6	105487.4	140359.1	172709.1
-10°	4569.7	5325.2	6453.6	8155.4	11351.9	18269.1	31070.0	52223.1	81547.6	110265.4	135056.1
-12.5°	4189.5	4752.1	5554.6	6739.5	8709.7	13676.6	23342.0	38775.1	58363.0	80442.5	101908.8
-15°	3834.9	4251.0	4827.2	5782.9	7359.7	10305.8	15553.0	25837.7	39615.7	55027.7	69866.5
-17.5°	3509.8	3852.8	4302.5	4975.4	5952.4	7774.3	11450.1	17330.2	25648.8	36611.3	46858.6
-20°	3218.5	3529.2	3865.6	4369.7	5119.9	6192.3	8001.9	11652.3	16452.5	23362.3	30139.1



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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°	2990.4	3234.4	3495.8	3881.4	4506.9	5267.3	6166.9	7662.4	10304.5	13848.7	17862.6
-25°	2782.0	2962.7	3233.9	3648.9	4077.3	4584.5	5130.0	5729.9	6902.2	8042.0	10143.5
-27.5°	2583.8	2774.4	3057.0	3431.5	3822.3	4059.2	4408.1	4778.5	5339.3	5834.3	6671.4
-30°	2418.5	2618.6	2858.6	3174.6	3503.6	3726.7	3908.3	4176.3	4487.2	4797.6	5157.8
-32.5°	2107.8	2489.6	2655.9	2896.9	3193.2	3427.9	3588.6	3787.7	3953.9	4146.8	4342.5
-35°	1767.9	2189.0	2533.0	2688.9	2893.8	3154.8	3383.3	3543.2	3671.9	3790.9	3903.1
-37.5°	1383.3	1821.3	2196.8	2513.0	2700.6	2875.4	3117.7	3332.9	3487.7	3569.6	3642.5
-40°	1237.0	1363.4	1760.2	2122.8	2405.1	2679.0	2867.7	3078.6	3257.6	3370.7	3455.3
-42.5°	1211.9	1276.9	1328.2	1603.0	1945.5	2238.8	2488.7	2734.8	2953.5	3115.7	3246.6
-45°	1144.3	1221.6	1293.6	1344.5	1397.2	1656.5	1935.5	2207.2	2454.0	2674.9	2867.9
-47.5°	1035.0	1127.3	1204.3	1278.0	1335.3	1380.5	1432.8	1519.3	1750.5	1977.4	2193.0
-50°	916.3	999.9	1083.4	1162.7	1224.9	1279.5	1329.9	1372.9	1416.2	1461.6	1504.8
-52.5°	798.9	873.5	947.8	1017.5	1083.7	1146.2	1204.2	1246.9	1283.4	1315.5	1339.8
-55°	706.5	762.0	816.2	875.2	934.0	989.1	1039.6	1085.8	1127.8	1165.2	1194.1
-57.5°	604.4	658.9	710.7	754.9	797.9	839.4	882.2	923.1	959.3	990.7	1016.1
-60°	497.8	544.3	590.5	634.0	675.4	714.4	749.5	781.8	810.9	835.9	854.7
-62.5°	395.0	431.7	473.2	511.0	544.2	576.1	612.3	644.8	673.7	697.8	715.6
-65°	317.1	343.5	373.3	402.6	431.4	462.4	493.9	521.9	546.5	566.6	582.5
-67.5°	231.1	257.0	286.0	312.3	336.6	362.8	393.0	420.6	445.9	466.3	482.9
-70°	155.8	174.2	197.1	221.6	245.4	270.4	297.9	324.4	349.7	369.1	384.9
-72.5°	93.5	105.5	117.8	133.8	150.6	171.1	194.2	217.4	240.4	257.1	270.1
-75°	45.8	50.6	60.7	70.0	78.5	89.4	101.1	112.1	122.4	129.9	136.1
-77.5°	37.0	39.4	41.7	44.0	46.1	50.9	56.7	62.7	68.8	73.6	78.2
-80°	28.5	30.0	31.5	33.2	34.9	38.6	42.6	46.6	50.6	53.6	56.5
-82.5°	19.9	20.7	21.4	22.1	22.7	25.3	28.1	30.7	33.2	35.7	38.0
-85°	13.5	13.7	13.8	14.0	14.2	16.9	19.6	22.4	25.2	27.5	29.7
-87.5°	10.7	10.8	10.8	10.9	10.9	13.2	15.4	17.6	19.7	21.9	23.9
-90°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1



REPORT NUMBER: P1306383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	56.2	64.2	58.8	53.5	58.8	64.2	56.2	48.1	40.1	32.1	27.3
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.7
85°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.1
82.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3
80°	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.3	4.3	4.8
77.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.9
75°	4.8	4.3	5.3	6.4	5.3	4.3	4.8	5.3	5.7	6.1	6.5
72.5°	10.9	10.6	10.7	10.7	10.7	10.6	10.9	11.1	11.3	11.5	11.8
70°	12.7	12.7	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.5	15.3
67.5°	11.5	10.9	10.7	10.7	10.7	10.9	11.5	12.0	12.6	13.6	15.7
65°	8.9	8.7	8.6	8.6	8.6	8.7	8.9	9.1	9.6	11.1	13.4
62.5°	7.9	8.5	8.6	8.6	8.6	8.5	7.9	7.5	7.2	8.2	10.1
60°	6.6	6.5	6.4	6.4	6.4	6.5	6.6	6.6	6.4	7.1	8.1
57.5°	6.4	6.4	7.3	8.6	7.3	6.4	6.4	6.4	6.4	7.0	7.6
55°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.1	7.7
52.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	7.2	7.9
50°	8.2	8.4	8.6	8.6	8.6	8.4	8.2	8.0	7.8	8.1	8.3
47.5°	10.3	10.5	10.0	8.6	10.0	10.5	10.3	10.0	10.2	10.6	10.5
45°	13.4	13.0	12.7	12.8	12.7	13.0	13.4	13.4	15.9	16.7	14.4
42.5°	20.8	21.1	21.2	21.4	21.2	21.1	20.8	20.2	24.0	30.4	35.5
40°	37.0	37.8	38.1	38.5	38.1	37.8	37.0	35.2	34.0	31.8	35.7
37.5°	56.0	57.0	57.3	57.8	57.3	57.0	56.0	55.3	55.0	50.6	52.4
35°	94.5	94.2	90.9	92.0	90.9	94.2	94.5	94.9	91.6	81.2	87.8
32.5°	202.9	204.4	193.9	177.6	193.9	204.4	202.9	190.1	171.5	155.9	146.1
30°	392.0	425.5	448.1	449.4	448.1	425.5	392.0	354.0	303.5	262.9	227.4
27.5°	690.5	742.7	764.9	776.7	764.9	742.7	690.5	614.5	500.7	437.6	342.2
25°	1304.6	1424.3	1488.9	1440.1	1488.9	1424.3	1304.6	1114.3	872.2	729.5	583.0
22.5°	2625.2	2854.0	3049.1	3059.9	3049.1	2854.0	2625.2	2173.0	1697.4	1274.9	986.2
20°	6199.6	6147.6	6640.7	6393.6	6640.7	6147.6	6199.6	4903.3	3971.0	2771.8	2053.2
17.5°	17584.7	19529.7	20604.8	19133.8	20604.8	19529.7	17584.7	13594.7	11313.2	7602.6	4890.6
15°	40426.3	45278.7	48562.0	48142.7	48562.0	45278.7	40426.3	33213.9	25977.7	18377.0	11421.7
12.5°	76012.0	83985.8	90782.4	90497.3	90782.4	83985.8	76012.0	66604.7	49809.7	36641.1	23764.7
10°	131667.7	145569.5	158525.2	159875.0	158525.2	145569.5	131667.7	110499.8	86740.3	62957.7	40149.5
7.5°	182944.1	214249.3	232909.8	237697.3	232909.8	214249.3	182944.1	153348.0	121133.6	90536.2	61292.4
5°	247150.9	283403.5	303015.7	303539.1	303015.7	283403.5	247150.9	197818.5	157221.2	118667.5	80928.2
2.5°	294681.8	335517.9	359599.0	378231.0	359599.0	335517.9	294681.8	237157.3	185450.2	139314.3	95004.6
0°	308817.9	344034.2	383328.9	405176.0	383328.9	344034.2	308817.9	244710.4	191863.5	144233.3	99165.5
-2.5°	289876.3	326747.2	346253.5	364023.9	346253.5	326747.2	289876.3	231629.3	184496.9	139848.1	95739.6
-5°	253892.2	292944.4	311686.0	315686.5	311686.0	292944.4	253892.2	210619.2	168682.8	127881.1	86866.1
-7.5°	202022.4	229508.9	248482.6	255923.9	248482.6	229508.9	202022.4	172709.1	140359.1	105487.4	70225.6
-10°	158110.2	175859.1	185354.0	191667.7	185354.0	175859.1	158110.2	135056.1	110265.4	81547.6	52223.1
-12.5°	119210.5	132041.0	139487.5	142729.0	139487.5	132041.0	119210.5	101908.8	80442.5	58363.0	38775.1
-15°	84853.3	95005.9	100048.2	103258.8	100048.2	95005.9	84853.3	69866.5	55027.7	39615.7	25837.7
-17.5°	58135.7	66299.2	70952.2	73978.2	70952.2	66299.2	58135.7	46858.6	36611.3	25648.8	17330.2
-20°	37196.7	42057.5	45637.8	46681.2	45637.8	42057.5	37196.7	30139.1	23362.3	16452.5	11652.3



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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°	21732.9	24594.8	26397.9	26807.0	26397.9	24594.8	21732.9	17862.6	13848.7	10304.5	7662.4
-25°	11816.7	13063.6	14009.6	14330.0	14009.6	13063.6	11816.7	10143.5	8042.0	6902.2	5729.9
-27.5°	7256.6	7738.7	8088.1	8268.1	8088.1	7738.7	7256.6	6671.4	5834.3	5339.3	4778.5
-30°	5458.1	5678.0	5809.3	5897.2	5809.3	5678.0	5458.1	5157.8	4797.6	4487.2	4176.3
-32.5°	4481.3	4579.7	4639.0	4679.7	4639.0	4579.7	4481.3	4342.5	4146.8	3953.9	3787.7
-35°	3991.7	4055.6	4099.5	4121.2	4099.5	4055.6	3991.7	3903.1	3790.9	3671.9	3543.2
-37.5°	3696.7	3737.1	3766.3	3783.1	3766.3	3737.1	3696.7	3642.5	3569.6	3487.7	3332.9
-40°	3495.7	3523.9	3547.3	3573.4	3547.3	3523.9	3495.7	3455.3	3370.7	3257.6	3078.6
-42.5°	3312.4	3354.2	3375.3	3380.8	3375.3	3354.2	3312.4	3246.6	3115.7	2953.5	2734.8
-45°	3015.8	3132.3	3203.9	3226.8	3203.9	3132.3	3015.8	2867.9	2674.9	2454.0	2207.2
-47.5°	2391.1	2565.4	2697.0	2777.4	2697.0	2565.4	2391.1	2193.0	1977.4	1750.5	1519.3
-50°	1545.0	1581.9	1596.4	1587.7	1596.4	1581.9	1545.0	1504.8	1461.6	1416.2	1372.9
-52.5°	1358.9	1373.7	1386.1	1395.1	1386.1	1373.7	1358.9	1339.8	1315.5	1283.4	1246.9
-55°	1216.7	1233.3	1249.1	1262.5	1249.1	1233.3	1216.7	1194.1	1165.2	1127.8	1085.8
-57.5°	1037.4	1054.3	1060.6	1059.2	1060.6	1054.3	1037.4	1016.1	990.7	959.3	923.1
-60°	870.1	882.1	891.1	896.6	891.1	882.1	870.1	854.7	835.9	810.9	781.8
-62.5°	729.6	740.1	751.8	761.8	751.8	740.1	729.6	715.6	697.8	673.7	644.8
-65°	595.9	607.0	615.8	622.7	615.8	607.0	595.9	582.5	566.6	546.5	521.9
-67.5°	497.7	510.8	520.7	528.5	520.7	510.8	497.7	482.9	466.3	445.9	420.6
-70°	399.4	412.4	420.3	425.8	420.3	412.4	399.4	384.9	369.1	349.7	324.4
-72.5°	281.4	290.8	295.3	297.4	295.3	290.8	281.4	270.1	257.1	240.4	217.4
-75°	141.4	146.0	150.4	154.1	150.4	146.0	141.4	136.1	129.9	122.4	112.1
-77.5°	82.7	87.0	89.7	92.0	89.7	87.0	82.7	78.2	73.6	68.8	62.7
-80°	59.2	61.7	64.1	66.3	64.1	61.7	59.2	56.5	53.6	50.6	46.6
-82.5°	40.4	42.7	43.8	44.9	43.8	42.7	40.4	38.0	35.7	33.2	30.7
-85°	31.9	34.1	35.3	36.4	35.3	34.1	31.9	29.7	27.5	25.2	22.4
-87.5°	25.9	27.9	28.9	30.0	28.9	27.9	25.9	23.9	21.9	19.7	17.6
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.4	17.6	12.8	12.3	11.7	11.2	10.7	10.2	9.7	9.1	8.6
87.5°	3.2	3.8	4.3	4.8	5.4	5.9	6.4	6.4	6.4	6.4	6.4
85°	4.2	4.2	4.3	4.8	5.4	5.9	6.4	6.4	6.4	6.4	6.4
82.5°	4.3	4.3	4.3	4.9	5.4	5.9	6.4	6.6	6.7	6.8	6.7
80°	5.1	5.4	5.6	5.7	5.9	6.1	6.5	7.0	7.6	8.0	8.2
77.5°	5.4	6.0	6.5	6.7	6.8	6.8	6.7	7.1	7.6	8.2	8.6
75°	6.8	7.2	7.7	8.5	8.8	8.6	8.4	8.2	8.2	8.4	8.6
72.5°	12.0	12.0	12.6	13.9	14.4	15.1	15.0	13.9	12.3	10.1	8.6
70°	16.8	18.0	20.4	24.2	26.8	27.9	27.4	25.4	21.8	19.1	15.3
67.5°	17.8	20.1	24.0	28.7	32.3	35.8	39.0	41.7	40.6	36.6	26.4
65°	15.7	18.2	21.1	24.7	29.2	35.0	42.8	47.6	50.1	50.8	42.1
62.5°	12.2	14.6	16.2	18.7	22.1	27.7	37.2	45.7	53.2	55.5	47.2
60°	9.4	10.7	11.8	13.3	15.2	20.5	30.2	40.4	51.1	51.3	47.6
57.5°	8.2	9.0	9.9	10.4	10.7	14.9	22.6	32.9	43.9	43.8	42.5
55°	8.4	9.0	9.6	10.2	10.8	12.4	15.6	22.3	31.4	33.7	33.5
52.5°	8.5	9.1	9.7	10.3	10.8	11.2	12.2	16.1	19.5	23.1	24.8
50°	8.7	9.3	9.9	10.5	10.9	10.8	11.2	12.3	14.2	16.5	18.1
47.5°	10.5	10.5	10.4	10.8	11.6	11.8	11.5	11.2	12.6	13.0	14.6
45°	14.3	13.6	12.3	12.9	13.0	13.2	13.1	13.7	13.3	13.4	12.8
42.5°	30.3	22.6	17.7	19.1	18.0	17.1	16.3	17.6	16.9	15.4	16.5
40°	42.7	46.9	39.8	33.6	30.7	25.3	24.7	23.4	22.5	19.8	22.8
37.5°	52.6	51.3	61.9	64.4	54.4	45.5	38.9	33.9	30.2	30.9	32.7
35°	84.8	81.8	85.1	89.6	87.2	79.6	63.6	50.5	44.0	44.8	44.8
32.5°	136.4	131.0	123.8	123.3	127.9	123.5	103.9	77.9	67.3	63.1	59.5
30°	205.2	194.2	177.2	175.2	184.4	174.4	153.2	135.0	111.6	84.9	76.5
27.5°	318.8	279.7	254.8	263.3	260.7	242.7	227.0	208.5	168.9	127.3	102.9
25°	510.9	435.9	405.7	391.4	364.6	348.7	324.4	292.1	245.0	192.5	168.7
22.5°	784.3	720.4	639.2	554.9	559.0	530.3	452.3	384.7	367.7	368.0	290.9
20°	1426.4	1206.2	992.1	962.1	917.8	781.6	621.2	610.7	670.2	615.6	454.8
17.5°	3312.8	2284.8	1831.3	1715.4	1471.8	1172.4	1119.7	1064.0	1030.2	922.5	650.8
15°	6391.4	4675.4	3473.4	2835.5	2320.1	2019.9	1869.3	1582.1	1446.3	1263.8	942.8
12.5°	14300.7	8762.6	5333.0	4320.3	3561.2	3011.3	2697.1	2264.2	1919.2	1699.0	1379.2
10°	24062.3	14740.3	8881.1	6280.9	4999.7	4097.1	3465.3	2889.6	2417.6	2162.8	1828.7
7.5°	37590.0	22302.1	12895.2	8234.9	6315.7	4996.0	4092.0	3432.1	2898.8	2614.8	2281.6
5°	48478.8	28144.2	15525.6	9780.9	7458.8	5869.2	4724.9	3922.0	3362.1	3053.9	2726.1
2.5°	55047.6	31306.2	17294.5	11165.5	8452.5	6612.2	5273.5	4292.1	3692.1	3309.7	2952.3
0°	58892.9	33767.7	19037.5	11820.1	8997.7	7042.0	5678.9	4562.0	3952.2	3517.8	3147.6
-2.5°	56490.9	33323.6	18431.8	11428.8	8627.9	6855.2	5622.5	4645.5	4048.6	3589.5	3156.2
-5°	50694.3	28912.5	16340.3	10533.1	8026.1	6437.6	5365.6	4562.6	4025.1	3601.3	3124.3
-7.5°	41930.1	23828.2	13928.6	9447.6	7293.8	5901.6	4974.1	4287.7	3782.2	3413.0	2930.7
-10°	31070.0	18269.1	11351.9	8155.4	6453.6	5325.2	4569.7	3975.1	3534.8	3216.9	2707.3
-12.5°	23342.0	13676.6	8709.7	6739.5	5554.6	4752.1	4189.5	3645.9	3289.7	3018.3	2459.8
-15°	15553.0	10305.8	7359.7	5782.9	4827.2	4251.0	3834.9	3370.1	3105.4	2828.9	2192.9
-17.5°	11450.1	7774.3	5952.4	4975.4	4302.5	3852.8	3509.8	3173.2	2917.4	2589.5	1909.2
-20°	8001.9	6192.3	5119.9	4369.7	3865.6	3529.2	3218.5	2966.0	2709.2	2253.1	1621.8



REPORT NUMBER: P1306383 (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°	6166.9	5267.3	4506.9	3881.4	3495.8	3234.4	2990.4	2760.3	2482.8	1898.0	1340.5
-25°	5130.0	4584.5	4077.3	3648.9	3233.9	2962.7	2782.0	2564.4	2141.5	1562.6	1101.9
-27.5°	4408.1	4059.2	3822.3	3431.5	3057.0	2774.4	2583.8	2343.4	1806.0	1307.7	1055.0
-30°	3908.3	3726.7	3503.6	3174.6	2858.6	2618.6	2418.5	1983.1	1508.9	1109.9	1030.0
-32.5°	3588.6	3427.9	3193.2	2896.9	2655.9	2489.6	2107.8	1641.2	1211.5	1081.8	995.0
-35°	3383.3	3154.8	2893.8	2688.9	2533.0	2189.0	1767.9	1322.9	1126.8	1046.3	954.2
-37.5°	3117.7	2875.4	2700.6	2513.0	2196.8	1821.3	1383.3	1183.8	1095.1	999.4	900.5
-40°	2867.7	2679.0	2405.1	2122.8	1760.2	1363.4	1237.0	1159.9	1053.2	942.8	838.5
-42.5°	2488.7	2238.8	1945.5	1603.0	1328.2	1276.9	1211.9	1106.8	995.6	878.9	774.0
-45°	1935.5	1656.5	1397.2	1344.5	1293.6	1221.6	1144.3	1031.7	915.3	807.6	706.3
-47.5°	1432.8	1380.5	1335.3	1278.0	1204.3	1127.3	1035.0	933.5	829.1	730.9	650.9
-50°	1329.9	1279.5	1224.9	1162.7	1083.4	999.9	916.3	832.1	743.2	666.2	589.9
-52.5°	1204.2	1146.2	1083.7	1017.5	947.8	873.5	798.9	737.4	668.6	594.7	521.8
-55°	1039.6	989.1	934.0	875.2	816.2	762.0	706.5	648.1	585.1	516.5	451.2
-57.5°	882.2	839.4	797.9	754.9	710.7	658.9	604.4	550.1	496.1	435.6	379.3
-60°	749.5	714.4	675.4	634.0	590.5	544.3	497.8	450.3	402.0	362.3	321.2
-62.5°	612.3	576.1	544.2	511.0	473.2	431.7	395.0	364.0	332.2	297.8	257.8
-65°	493.9	462.4	431.4	402.6	373.3	343.5	317.1	288.2	257.6	225.9	190.8
-67.5°	393.0	362.8	336.6	312.3	286.0	257.0	231.1	205.4	182.7	160.0	132.1
-70°	297.9	270.4	245.4	221.6	197.1	174.2	155.8	137.9	118.5	101.0	82.3
-72.5°	194.2	171.1	150.6	133.8	117.8	105.5	93.5	80.8	67.4	53.4	42.9
-75°	101.1	89.4	78.5	70.0	60.7	50.6	45.8	43.4	40.7	37.7	34.4
-77.5°	56.7	50.9	46.1	44.0	41.7	39.4	37.0	34.6	32.2	29.9	27.8
-80°	42.6	38.6	34.9	33.2	31.5	30.0	28.5	26.7	25.1	23.5	22.3
-82.5°	28.1	25.3	22.7	22.1	21.4	20.7	19.9	19.2	18.6	18.2	17.8
-85°	19.6	16.9	14.2	14.0	13.8	13.7	13.5	13.5	13.6	13.5	13.3
-87.5°	15.4	13.2	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.3	10.1
-90°	3.2	3.8	4.3	4.8	5.4	5.9	6.4	6.4	6.4	6.4	6.4



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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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	6.8	7.1	7.4	7.7	7.8	8.1	8.3	8.6	8.6	8.6	8.6
85°	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	7.0	7.6	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.1	8.2	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.6	8.6	8.7	8.7	8.6	8.6	8.6	8.6	8.6	8.6
72.5°	8.6	8.6	8.6	8.9	9.2	9.2	8.9	8.6	8.6	8.6	8.6
70°	11.7	9.2	8.6	8.8	9.3	9.9	9.8	9.3	8.6	8.6	8.6
67.5°	17.3	13.2	10.3	8.8	8.8	9.5	10.4	10.1	9.4	8.6	8.6
65°	30.2	20.2	12.6	10.5	9.1	8.8	9.6	10.5	10.1	9.3	8.6
62.5°	38.9	29.7	20.3	13.4	10.0	8.9	8.8	9.9	10.6	9.9	9.0
60°	42.9	34.2	27.3	20.1	13.1	9.1	8.8	9.4	10.3	10.6	9.6
57.5°	39.2	36.5	31.2	25.4	18.6	11.6	8.9	9.3	10.0	10.6	10.1
55°	33.1	32.1	32.9	28.5	22.7	15.9	10.3	9.5	9.9	10.5	10.6
52.5°	24.6	28.2	31.3	30.2	25.2	19.6	13.6	9.6	10.0	10.5	10.7
50°	18.1	23.4	29.3	30.6	27.2	21.8	16.4	11.6	10.2	10.6	10.8
47.5°	16.8	21.2	26.0	30.9	29.1	23.8	18.4	13.4	10.3	10.7	11.0
45°	17.3	21.0	24.5	28.9	30.9	25.4	20.2	14.7	11.3	10.9	11.2
42.5°	19.1	22.4	25.1	27.5	29.6	26.5	21.9	16.1	12.0	11.2	11.4
40°	24.7	25.2	26.6	29.0	28.6	27.1	22.6	17.5	12.5	11.7	11.7
37.5°	32.2	30.9	30.1	33.3	29.8	27.1	22.9	18.8	13.8	12.6	12.0
35°	43.0	39.3	37.5	40.1	35.9	27.9	22.8	19.5	16.1	13.5	12.4
32.5°	55.5	52.9	50.7	48.0	44.4	29.4	23.4	21.4	18.4	14.5	12.9
30°	74.5	77.5	66.9	56.8	54.1	37.3	26.4	23.7	20.8	15.5	13.4
27.5°	116.4	109.6	87.5	71.1	62.5	48.0	32.9	26.5	23.2	16.9	14.3
25°	170.7	152.3	119.1	88.7	71.6	77.8	40.6	29.8	25.6	18.9	15.1
22.5°	236.1	204.5	155.9	107.8	112.9	116.6	57.1	35.9	28.1	20.9	15.9
20°	309.8	264.6	210.4	179.3	165.0	153.7	85.7	42.7	30.8	22.8	16.8
17.5°	402.5	376.8	341.7	272.8	224.5	194.6	119.1	49.9	33.7	24.7	17.6
15°	659.0	549.4	487.2	377.4	288.0	238.6	156.3	57.5	36.7	26.6	18.6
12.5°	968.5	725.4	643.2	490.4	354.5	284.9	196.1	65.3	39.7	28.7	19.7
10°	1299.8	903.6	806.4	609.0	422.9	332.8	237.0	74.8	44.7	30.9	21.0
7.5°	1642.1	1082.5	973.1	730.0	490.9	380.4	282.1	88.1	50.3	33.0	22.2
5°	1950.7	1233.4	1106.7	832.9	551.8	426.1	326.0	101.4	55.8	35.0	23.4
2.5°	2099.3	1339.0	1212.7	927.7	610.3	469.9	366.5	114.2	61.2	36.9	24.6
0°	2216.8	1440.1	1309.5	1014.3	665.5	511.4	402.3	126.2	66.3	38.5	25.7
-2.5°	2228.2	1437.5	1296.6	1013.0	685.1	527.9	409.8	144.5	81.5	48.9	30.7
-5°	2205.2	1429.2	1275.0	1002.9	700.2	541.1	411.8	161.5	96.0	58.8	35.4
-7.5°	2075.2	1381.8	1233.2	982.9	710.6	550.5	408.9	177.0	109.5	68.0	39.7
-10°	1897.2	1309.7	1166.2	938.3	699.0	549.2	401.5	190.9	121.9	76.3	43.5
-12.5°	1689.9	1236.1	1098.6	890.3	680.5	538.9	388.7	203.5	132.9	83.5	46.6
-15°	1454.6	1162.1	1032.5	840.7	658.8	526.7	374.4	214.4	143.0	90.0	49.1
-17.5°	1200.6	1088.7	970.0	791.2	634.0	512.9	359.4	223.1	151.7	96.2	51.8
-20°	1123.6	1031.8	911.1	743.0	606.5	497.8	344.7	229.6	158.8	100.8	54.4



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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°	1079.6	986.4	859.2	705.6	580.4	481.8	331.0	233.6	164.3	103.7	55.8
-25°	1036.7	940.7	809.6	673.0	559.2	458.7	325.9	235.3	168.1	104.9	56.0
-27.5°	987.7	891.9	760.1	637.8	538.8	439.3	326.1	238.5	169.8	104.1	54.7
-30°	937.1	835.9	716.6	603.7	516.4	416.0	323.2	239.7	168.6	102.3	52.0
-32.5°	895.6	781.8	673.0	576.9	489.3	391.5	310.9	238.6	164.8	99.1	50.0
-35°	845.5	733.6	628.8	548.2	459.9	371.2	294.5	235.2	158.3	93.7	47.5
-37.5°	791.6	685.6	595.7	516.5	429.5	348.2	279.4	219.4	149.1	86.3	43.7
-40°	735.7	640.0	561.4	482.5	400.6	322.6	262.3	200.0	138.3	76.6	38.7
-42.5°	677.3	598.7	521.7	446.9	369.7	301.3	242.6	178.5	121.5	68.1	32.4
-45°	628.3	552.5	477.8	406.8	337.3	277.9	216.6	155.5	102.7	59.4	27.6
-47.5°	574.3	500.6	430.9	364.1	308.4	250.7	188.4	132.8	82.7	49.0	26.3
-50°	513.8	446.1	381.8	325.8	275.5	216.9	158.9	108.7	68.2	36.3	24.7
-52.5°	452.8	390.1	336.2	288.0	235.7	180.7	130.2	84.0	53.1	30.5	22.8
-55°	389.4	338.8	293.1	244.2	193.2	145.7	99.9	66.3	37.4	27.7	20.8
-57.5°	334.5	290.2	243.9	196.6	152.1	109.9	75.3	47.9	31.2	24.8	19.5
-60°	279.4	234.9	191.2	150.8	111.6	79.3	54.1	33.8	27.8	22.1	18.1
-62.5°	217.5	178.1	141.2	105.4	77.9	55.2	35.5	30.0	24.4	20.3	16.5
-65°	158.7	125.2	92.0	71.6	51.1	35.7	31.1	26.0	22.0	18.5	15.1
-67.5°	102.7	81.1	60.5	42.0	34.8	30.8	26.6	23.2	19.9	16.6	14.0
-70°	63.4	45.3	36.9	33.1	29.5	26.0	23.6	20.8	17.7	15.3	12.9
-72.5°	38.7	34.6	30.7	27.4	25.2	23.0	20.8	18.5	16.3	14.0	11.8
-75°	30.9	28.3	25.9	23.9	22.0	20.0	18.5	16.9	14.8	12.7	11.4
-77.5°	25.7	23.8	22.0	20.3	18.9	17.5	16.4	15.2	13.4	12.1	11.1
-80°	20.9	19.6	18.2	16.8	15.8	15.0	14.3	13.5	12.3	11.4	10.9
-82.5°	16.7	15.6	14.6	13.8	13.3	12.8	12.3	11.8	11.2	10.7	10.5
-85°	12.7	12.2	11.7	11.3	11.0	10.7	10.5	10.4	10.2	10.0	9.9
-87.5°	10.0	9.9	9.9	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2
-90°	6.4	6.4	6.4	6.4	7.0	7.5	8.1	8.6	8.6	8.6	8.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
72.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
70°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
67.5°	8.7	8.6	8.6	8.6	8.6	8.6	8.6
65°	8.7	8.7	8.6	8.6	8.6	8.6	8.6
62.5°	8.9	8.8	8.6	8.6	8.6	8.6	8.6
60°	9.0	9.0	8.6	8.6	8.6	8.6	8.6
57.5°	9.4	9.2	8.8	8.6	8.6	8.6	8.6
55°	9.8	9.4	9.0	8.6	8.7	8.6	8.6
52.5°	10.2	9.7	9.2	8.6	8.7	8.6	8.6
50°	10.5	9.9	9.5	8.6	8.7	8.6	8.6
47.5°	10.7	10.1	9.7	8.6	8.8	8.6	8.6
45°	10.9	10.3	10.0	8.8	8.9	8.6	8.6
42.5°	11.1	10.5	10.2	9.0	8.9	8.6	8.6
40°	11.3	10.6	10.4	9.3	9.0	8.6	8.6
37.5°	11.6	10.7	10.5	9.5	9.1	8.6	8.6
35°	11.9	10.8	10.6	9.7	9.2	8.6	8.6
32.5°	12.2	11.1	10.6	9.9	9.3	8.6	8.6
30°	12.5	11.3	10.7	10.1	9.4	8.6	8.6
27.5°	12.9	11.5	10.7	10.2	9.5	8.6	8.6
25°	13.3	11.8	10.7	10.3	9.6	8.6	8.6
22.5°	13.7	12.0	10.7	10.4	9.7	8.6	8.6
20°	14.1	12.2	10.7	10.5	9.8	8.6	8.6
17.5°	14.4	12.3	10.7	10.6	9.9	8.6	8.6
15°	14.5	12.4	10.7	10.6	10.0	8.6	8.6
12.5°	14.7	12.5	10.7	10.7	10.2	8.6	8.6
10°	14.8	12.6	10.7	10.7	10.3	8.6	8.6
7.5°	14.9	12.7	10.7	10.7	10.4	8.6	8.6
5°	14.9	12.8	10.7	10.7	10.5	8.6	8.6
2.5°	15.0	12.8	10.7	10.7	10.6	8.6	8.6
0°	15.0	12.8	10.7	10.7	10.7	8.6	8.6
-2.5°	17.0	13.3	10.9	10.7	10.7	8.6	8.6
-5°	18.9	13.7	11.1	10.7	10.7	8.6	8.6
-7.5°	20.7	14.1	11.2	10.7	10.7	8.6	8.6
-10°	22.3	14.5	11.4	10.7	10.6	8.6	8.6
-12.5°	23.6	14.8	11.5	10.7	10.6	8.6	8.6
-15°	24.7	15.0	11.6	10.7	10.6	8.6	8.6
-17.5°	25.4	15.2	11.7	10.7	10.5	8.6	8.6
-20°	26.1	15.3	11.8	10.7	10.4	8.6	8.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.9	15.3	11.8	10.7	10.4	8.6	8.6
-25°	27.1	15.5	11.8	10.7	10.3	8.6	8.6
-27.5°	26.5	15.6	11.8	10.7	10.2	8.6	8.6
-30°	25.1	15.6	11.7	10.7	10.1	8.6	8.6
-32.5°	23.0	15.5	11.7	10.7	10.0	8.6	8.6
-35°	22.0	15.2	11.7	10.7	9.9	8.6	8.6
-37.5°	21.7	15.0	11.6	10.7	9.8	8.6	8.6
-40°	21.1	14.8	11.5	10.7	9.7	8.6	8.6
-42.5°	20.4	14.6	11.4	10.7	9.6	8.6	8.6
-45°	19.5	14.4	11.4	10.7	9.5	8.6	8.6
-47.5°	18.3	14.0	11.4	10.7	9.3	8.6	8.6
-50°	17.6	13.5	11.4	10.6	9.2	8.6	8.6
-52.5°	16.9	13.0	11.2	10.4	9.1	8.6	8.6
-55°	16.1	12.6	11.1	10.2	8.9	8.6	8.6
-57.5°	15.1	12.3	10.9	10.0	8.8	8.6	8.6
-60°	14.1	11.9	10.7	9.8	8.6	8.6	8.6
-62.5°	13.4	11.5	10.5	9.6	8.6	8.6	8.6
-65°	12.6	11.0	10.3	9.4	8.6	8.6	8.6
-67.5°	11.7	10.6	10.1	9.3	8.6	8.6	8.6
-70°	10.8	10.5	10.0	9.1	8.6	8.6	8.6
-72.5°	10.7	10.4	9.8	9.0	8.6	8.6	8.6
-75°	10.7	10.3	9.6	9.0	8.6	8.6	8.6
-77.5°	10.6	10.2	9.5	8.9	8.6	8.6	8.6
-80°	10.7	9.9	9.3	8.9	8.6	8.6	8.6
-82.5°	10.2	9.6	9.1	8.8	8.6	8.6	8.6
-85°	9.7	9.3	9.0	8.7	8.6	8.6	8.6
-87.5°	9.1	8.9	8.8	8.7	8.6	8.6	8.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6

(END OF REPORT)