

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: P1306294 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-5S-CV2-A**

Issue Date: 2/3/2026

Test Information

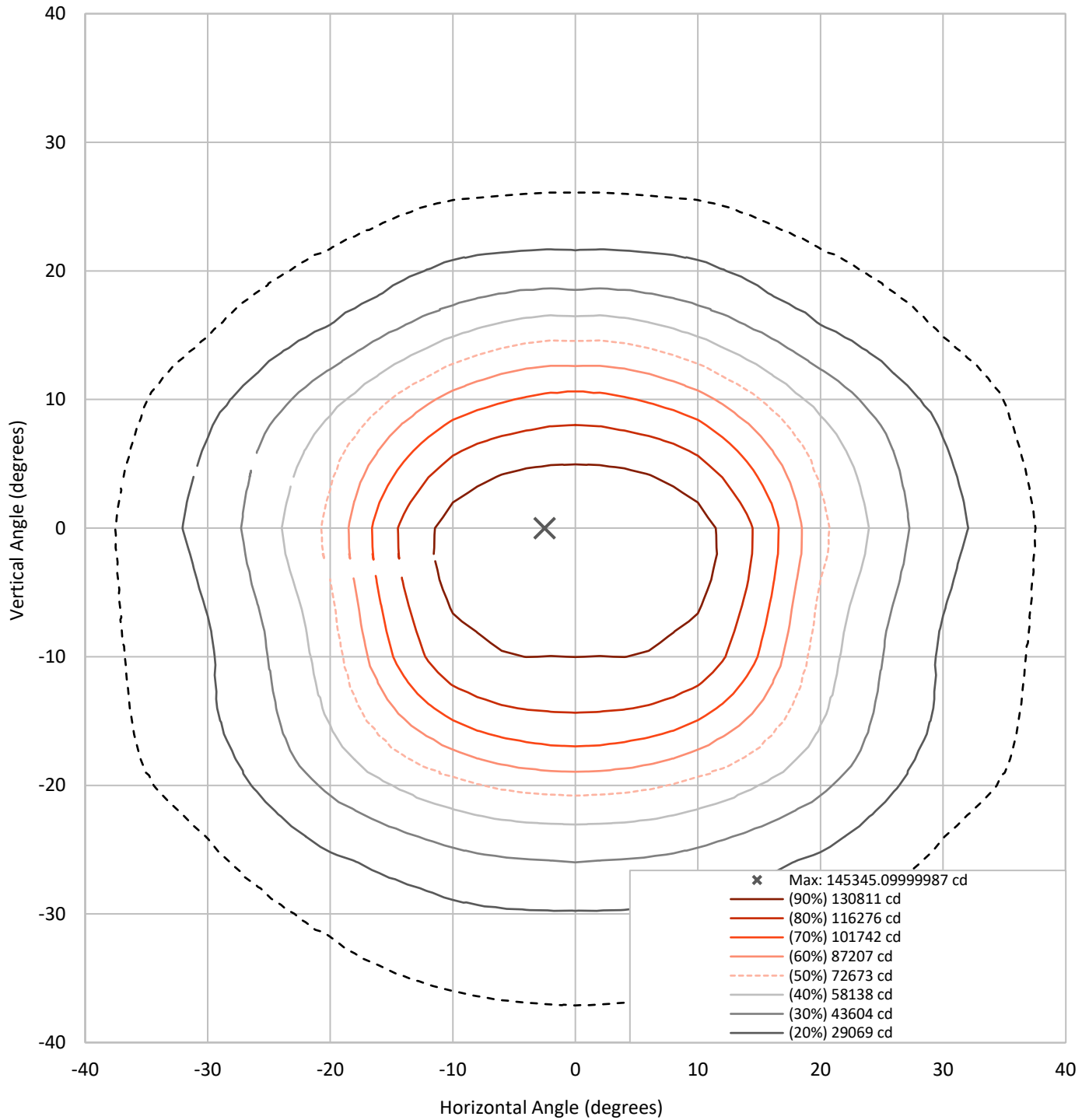
Test Method: LM-79-08
Report Number: P1306294 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-40-70-5S-CV2-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	71731.9 lumens	Max Intensity:	145345.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	39454 lumens	Field Lumens:	65714.6 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%
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





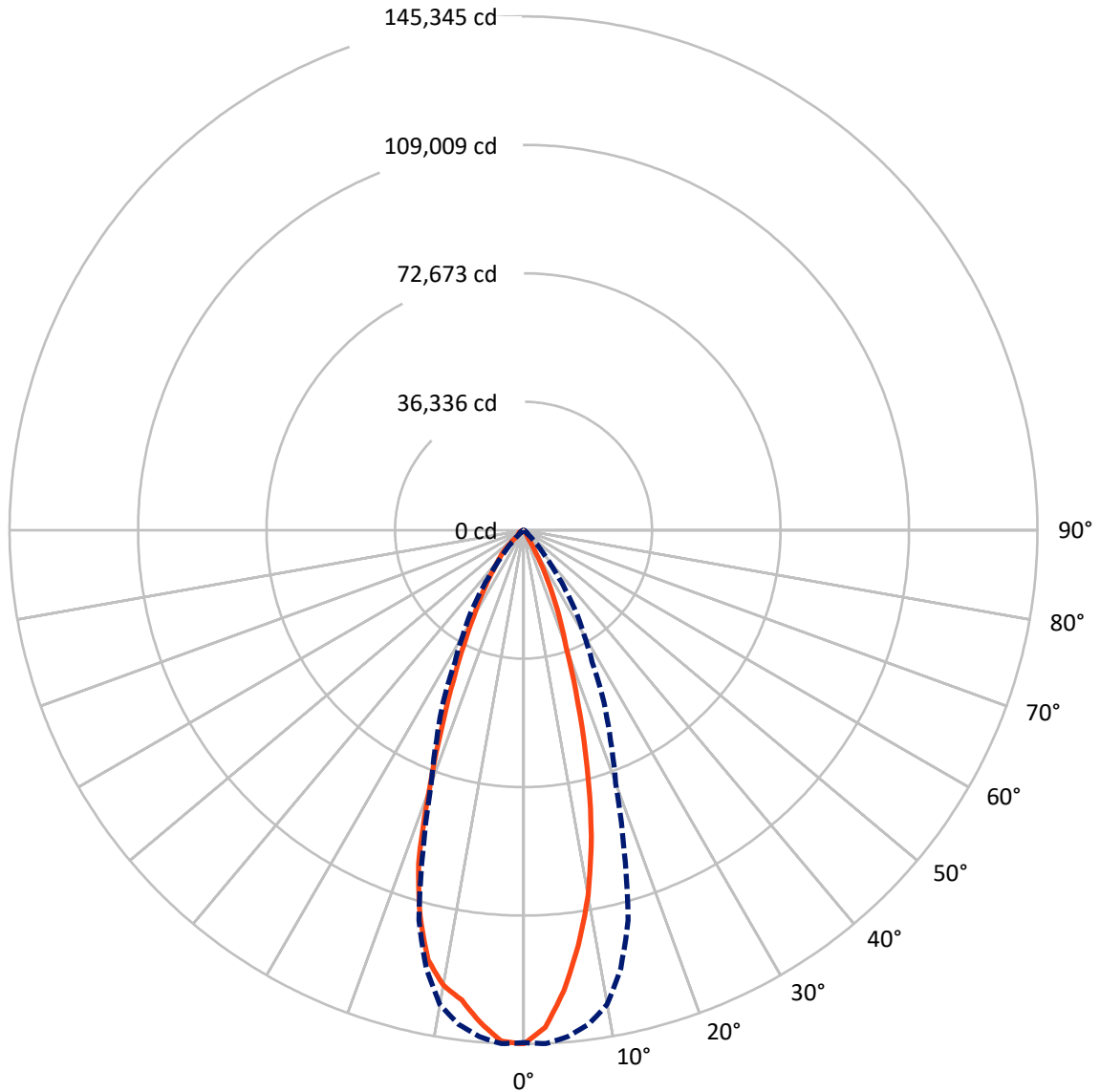
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Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2
70	0.2	0.1	0.2	0.4	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.6	0.4	0.2	0.1	0.2
60		0.1	0.3	0.7	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.7	0.3	0.1	
50	0.2	0.2	0.4	0.7	0.9	1.2	1.8	2.1	2.1	1.8	1.2	0.9	0.7	0.4	0.2	0.2
40		0.2	0.9	2.2	5.8	16.1	27.9	35.6	35.6	27.9	16.1	5.8	2.2	0.9	0.2	
30	0.2	0.4	3.1	10.9	63.7	183.1	372.2	537.4	537.4	372.2	183.1	63.7	10.9	3.1	0.4	0.2
20		0.8	6.8	35.7	226.5	664.0	1360.7	2010.4	2010.4	1360.7	664.0	226.5	35.7	6.8	0.8	
10	0.3	1.5	11.5	77.7	466.0	1331.2	2787.2	3804.0	3804.0	2787.2	1331.2	466.0	77.7	11.5	1.5	0.3
0		2.7	15.7	94.0	488.0	1363.1	3128.0	4169.1	4169.1	3128.0	1363.1	488.0	94.0	15.7	2.7	
-10	0.4	3.1	16.2	75.5	414.3	1122.3	2363.4	3254.7	3254.7	2363.4	1122.3	414.3	75.5	16.2	3.1	0.4
-20		2.7	13.2	35.4	207.8	600.6	1104.4	1450.2	1450.2	1104.4	600.6	207.8	35.4	13.2	2.7	
-30	0.4	2.1	9.1	20.7	60.7	226.3	416.3	543.1	543.1	416.3	226.3	60.7	20.7	9.1	2.1	0.4
-40		1.2	5.5	14.6	26.8	50.2	113.2	170.7	170.7	113.2	50.2	26.8	14.6	5.5	1.2	
-50	0.2	0.6	2.7	8.2	17.1	28.1	38.6	44.7	44.7	38.6	28.1	17.1	8.2	2.7	0.6	0.2
-60		0.3	1.0	3.2	7.1	12.5	18.8	22.4	22.4	18.8	12.5	7.1	3.2	1.0	0.3	
-70	0.2	0.6	2.7	8.2	17.1	28.1	38.6	44.7	44.7	38.6	28.1	17.1	8.2	2.7	0.6	0.2
-80		0.3	1.0	3.2	7.1	12.5	18.8	22.4	22.4	18.8	12.5	7.1	3.2	1.0	0.3	
-90	0.2	0.8		2.6		6.8		9.5		6.8		2.6		0.8		0.2

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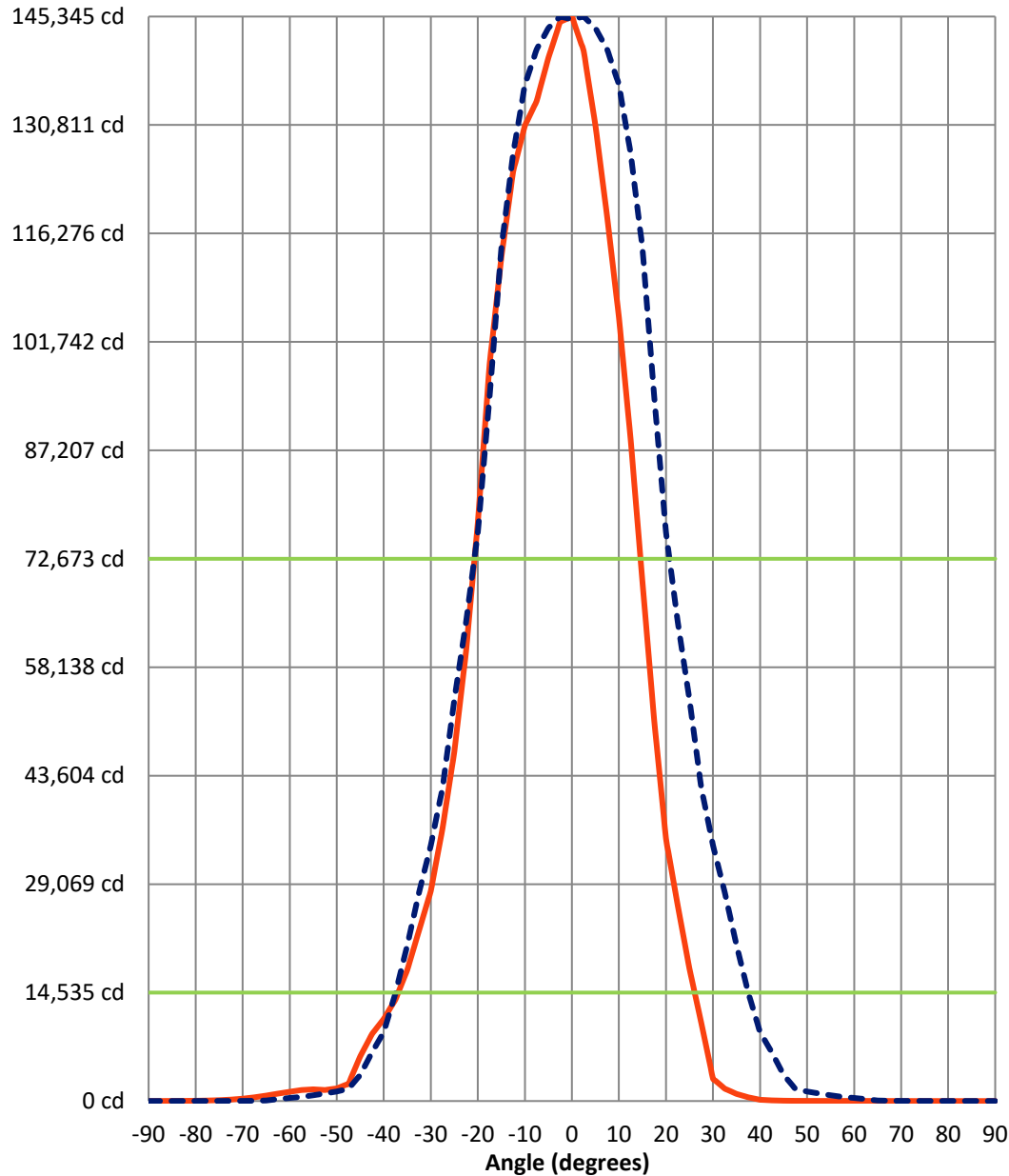
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.5°
 V Angle: 35.3°
 Lumens: 39454
 Efficiency: 55.0%

Field:
 H Angle: 75°
 V Angle: 63°
 Lumens: 65714.6
 Efficiency: 91.6%

Spill:
 Lumens: 6017.3
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.6
72.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.9	9.0	8.7
70°	8.5	8.5	8.5	8.5	8.5	8.5	8.6	9.1	9.4	9.3	9.4
67.5°	8.5	8.5	8.5	8.5	8.5	8.5	9.1	9.7	9.9	9.8	10.1
65°	8.5	8.5	8.5	8.5	8.5	8.7	9.6	10.2	10.1	10.3	10.6
62.5°	8.5	8.5	8.5	8.5	8.5	9.1	10.1	10.5	10.4	10.6	10.6
60°	8.5	8.5	8.5	8.5	8.5	9.5	10.5	10.6	10.6	10.6	10.6
57.5°	8.5	8.5	8.5	8.5	8.8	9.9	10.6	10.6	10.6	10.6	10.6
55°	8.5	8.5	8.5	8.5	9.1	10.3	10.6	10.6	10.6	10.6	10.6
52.5°	8.5	8.5	8.5	8.5	9.4	10.6	10.6	10.6	10.6	10.6	10.6
50°	8.5	8.5	8.5	8.5	9.7	10.6	10.6	10.6	10.6	10.6	11.2
47.5°	8.5	8.5	8.5	8.5	10.0	10.6	10.6	10.6	10.6	10.6	11.9
45°	8.5	8.5	8.5	8.7	10.2	10.6	10.6	10.6	10.7	11.2	12.6
42.5°	8.5	8.5	8.5	8.9	10.5	10.6	10.6	10.7	10.8	11.8	13.3
40°	8.5	8.5	8.5	9.1	10.6	10.6	10.6	10.8	11.1	12.3	13.9
37.5°	8.5	8.5	8.5	9.2	10.6	10.6	10.6	11.1	11.8	13.0	14.5
35°	8.5	8.5	8.5	9.3	10.6	10.6	10.6	11.3	12.3	13.8	15.0
32.5°	8.5	8.5	8.5	9.4	10.6	10.6	10.7	11.6	12.9	14.6	16.1
30°	8.5	8.5	8.5	9.4	10.6	10.6	10.9	11.9	13.5	15.5	17.3
27.5°	8.5	8.5	8.5	9.5	10.5	10.6	11.1	12.4	14.1	16.4	18.7
25°	8.5	8.5	8.5	9.5	10.5	10.6	11.4	12.8	14.8	17.5	20.3
22.5°	8.5	8.5	8.5	9.4	10.5	10.6	11.6	13.3	15.5	18.7	23.9
20°	8.5	8.5	8.5	9.4	10.4	10.6	11.9	13.6	16.3	19.9	27.6
17.5°	8.5	8.5	8.5	9.3	10.4	10.6	12.1	14.0	17.0	21.2	31.3
15°	8.5	8.5	8.5	9.2	10.5	10.6	12.3	14.3	17.7	22.6	35.0
12.5°	8.5	8.5	8.5	9.1	10.5	10.6	12.4	14.4	18.4	23.9	38.5
10°	8.5	8.5	8.5	9.0	10.5	10.6	12.5	14.6	19.1	25.8	43.3
7.5°	8.5	8.5	8.5	8.9	10.5	10.6	12.6	14.7	19.7	27.9	51.2
5°	8.5	8.5	8.5	8.8	10.6	10.6	12.7	14.7	20.3	30.0	59.1
2.5°	8.5	8.5	8.5	8.6	10.6	10.6	12.7	14.8	20.8	32.0	66.8
0°	8.5	8.5	8.5	8.5	10.6	10.6	12.7	14.8	21.2	33.9	74.1
-2.5°	8.5	8.5	8.5	8.6	10.6	11.1	13.5	16.8	26.9	46.4	95.8
-5°	8.5	8.5	8.5	8.8	10.6	11.5	14.3	18.7	32.3	58.4	116.2
-7.5°	8.5	8.5	8.5	8.9	10.5	11.9	15.1	20.5	37.3	69.4	134.7
-10°	8.5	8.5	8.5	9.0	10.5	12.3	15.8	22.1	41.6	79.1	150.7
-12.5°	8.5	8.5	8.5	9.1	10.5	12.6	16.4	23.5	45.2	87.2	161.9
-15°	8.5	8.5	8.5	9.2	10.5	12.9	17.0	24.7	48.6	94.2	169.6
-17.5°	8.5	8.5	8.5	9.3	10.4	13.1	17.4	26.4	52.0	99.3	174.7
-20°	8.5	8.5	8.5	9.4	10.4	13.1	18.0	28.3	54.2	102.5	177.1



REPORT NUMBER: P1306294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.5	8.5	8.5	9.4	10.5	13.1	18.6	29.7	55.1	103.4	176.5
-25°	8.5	8.5	8.5	9.5	10.5	13.0	18.9	30.4	54.5	102.0	172.9
-27.5°	8.5	8.5	8.5	9.5	10.5	12.9	18.9	30.5	52.3	99.4	170.9
-30°	8.5	8.5	8.5	9.4	10.6	12.7	18.6	29.8	51.2	97.0	165.9
-32.5°	8.5	8.5	8.5	9.4	10.7	12.4	17.9	29.3	50.5	92.3	157.6
-35°	8.5	8.5	8.5	9.3	10.8	12.0	17.4	28.5	48.7	85.4	145.9
-37.5°	8.5	8.5	8.5	9.2	10.9	11.7	16.9	27.2	45.9	76.2	128.7
-40°	8.5	8.5	8.5	9.1	10.9	11.8	16.2	25.3	41.9	70.1	112.7
-42.5°	8.5	8.5	8.5	9.0	10.9	11.8	15.4	22.8	38.5	63.0	95.9
-45°	8.5	8.5	8.5	8.8	10.7	11.8	14.5	20.6	34.9	55.0	79.6
-47.5°	8.5	8.5	8.5	8.7	10.5	11.8	13.4	19.3	30.6	46.5	70.0
-50°	8.5	8.5	8.5	8.7	10.2	11.8	13.1	17.8	25.3	40.3	59.7
-52.5°	8.5	8.5	8.5	8.7	10.0	11.7	13.0	16.2	22.1	33.7	49.2
-55°	8.5	8.5	8.5	8.7	9.8	11.4	12.8	14.5	19.8	26.6	41.1
-57.5°	8.5	8.5	8.5	8.8	9.5	11.1	12.5	14.2	17.3	22.7	32.3
-60°	8.5	8.5	8.5	8.8	9.3	10.8	12.2	13.7	15.2	19.7	25.0
-62.5°	8.5	8.5	8.5	8.8	9.3	10.4	11.8	13.2	14.6	16.6	21.4
-65°	8.5	8.5	8.5	8.9	9.4	10.0	11.4	12.7	14.1	15.4	17.6
-67.5°	8.5	8.5	8.5	8.9	9.4	9.9	10.9	12.2	13.5	14.7	16.0
-70°	8.5	8.5	8.5	8.9	9.4	9.9	10.5	11.7	12.9	14.0	15.2
-72.5°	8.5	8.5	8.5	8.9	9.5	10.0	10.5	11.1	12.2	13.3	14.4
-75°	8.5	8.5	8.5	8.9	9.5	10.0	10.5	10.9	11.6	12.6	13.6
-77.5°	8.5	8.5	8.5	8.8	9.4	10.0	10.5	10.8	11.3	11.9	12.8
-80°	8.5	8.5	8.5	8.8	9.2	9.8	10.6	10.7	11.0	11.4	12.0
-82.5°	8.5	8.5	8.5	8.7	9.0	9.5	10.1	10.4	10.6	10.8	11.1
-85°	8.5	8.5	8.5	8.6	8.9	9.2	9.6	9.8	9.9	10.1	10.3
-87.5°	8.5	8.5	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.3	9.4
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.5	8.5	8.5	8.0	7.5	6.9	6.4	6.4	6.4	6.4
87.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.4	5.9	5.3	4.8
85°	8.5	8.5	8.5	8.5	8.0	7.5	6.9	6.4	6.1	5.9	5.7
82.5°	8.5	8.5	8.5	8.5	8.0	7.5	7.0	6.5	6.4	6.4	6.4
80°	8.5	8.5	8.5	8.5	8.1	7.5	7.0	6.5	6.4	6.5	6.5
77.5°	8.5	8.5	8.5	8.5	8.1	7.8	7.6	7.6	7.6	7.4	7.0
75°	8.5	8.5	8.6	8.6	8.4	8.4	8.5	8.5	8.2	7.7	7.1
72.5°	8.8	9.1	9.1	8.8	8.5	8.5	8.5	8.5	8.7	8.9	8.7
70°	9.7	9.8	9.4	8.8	8.5	8.7	9.6	10.8	11.8	11.7	11.5
67.5°	10.5	10.0	9.4	9.1	9.3	10.4	11.7	13.4	14.9	15.0	15.5
65°	10.5	10.0	9.8	10.0	10.5	12.4	14.3	16.1	20.6	23.5	24.8
62.5°	10.6	10.3	10.4	11.1	12.7	14.8	17.7	22.7	29.9	33.7	32.6
60°	10.6	10.5	11.3	12.9	14.7	16.7	21.3	28.4	37.7	44.4	40.5
57.5°	10.6	11.1	12.6	14.2	15.7	17.5	23.8	32.7	43.5	55.2	48.0
55°	10.9	12.0	13.6	15.2	16.7	18.2	24.8	34.8	47.1	54.2	47.2
52.5°	11.7	12.9	14.4	16.0	17.6	19.3	24.2	33.8	41.2	46.7	43.2
50°	12.5	13.7	15.2	16.9	18.8	20.6	21.4	29.3	35.1	37.6	37.4
47.5°	13.3	14.6	15.9	17.9	20.3	21.8	21.7	25.7	29.9	32.7	30.5
45°	14.0	15.4	16.8	19.5	22.0	23.4	24.6	23.7	30.6	32.5	31.1
42.5°	14.7	16.2	18.7	21.2	24.4	27.9	29.8	32.3	35.7	38.9	38.1
40°	15.4	17.0	21.2	26.2	28.5	35.0	41.3	45.2	46.6	49.5	49.6
37.5°	16.1	19.6	26.2	36.7	36.8	46.5	55.4	64.4	67.1	62.2	70.5
35°	16.7	22.6	39.7	52.3	54.4	61.7	76.6	90.3	98.5	93.8	101.5
32.5°	18.6	25.9	57.2	70.4	83.5	90.2	100.9	130.4	158.9	167.5	152.4
30°	21.9	41.9	77.1	90.3	121.3	141.7	148.1	187.8	247.4	299.4	401.9
27.5°	26.1	61.5	95.8	123.8	168.5	205.2	221.2	286.3	388.0	525.2	820.3
25°	30.6	82.2	115.6	166.4	230.2	272.9	299.1	390.9	561.6	999.6	1551.1
22.5°	41.4	103.2	140.6	213.9	299.9	336.9	392.3	517.5	803.8	1531.9	2446.9
20°	58.2	123.1	176.2	260.8	374.5	398.1	478.3	638.8	1135.4	2238.3	3337.6
17.5°	74.7	145.5	215.3	316.2	432.0	479.4	561.6	749.3	1413.7	3123.5	4493.8
15°	90.7	169.8	252.0	372.3	499.1	592.7	718.6	998.2	1945.4	4171.6	6024.6
12.5°	106.0	195.3	286.5	428.2	576.8	712.9	898.7	1403.9	2893.9	5396.0	8161.8
10°	120.2	221.4	318.4	482.8	661.9	837.4	1085.2	1847.8	3852.4	6461.6	9854.0
7.5°	153.0	261.0	354.2	534.9	751.0	963.3	1273.4	2309.6	4717.5	7363.4	11268.0
5°	189.5	314.6	422.5	616.6	844.7	1081.8	1445.9	2767.1	5475.9	8106.2	12541.7
2.5°	225.2	366.3	489.0	697.9	934.7	1184.9	1552.7	3165.9	6071.0	8734.7	13640.8
0°	258.4	415.2	552.8	773.1	1016.7	1279.3	1643.7	3514.0	6523.8	9243.5	14507.0
-2.5°	299.1	467.5	623.5	844.7	1044.3	1282.1	1645.1	3385.4	6622.3	9724.2	14182.1
-5°	334.2	515.2	689.2	909.7	1068.8	1278.2	1631.8	3189.0	6568.0	9981.7	13920.1
-7.5°	362.5	557.7	748.4	961.5	1091.5	1291.4	1663.7	3232.4	6477.5	9981.7	13755.8
-10°	378.9	569.8	748.8	958.7	1106.2	1308.1	1685.4	3155.9	6201.4	9774.9	13421.8
-12.5°	364.3	554.8	733.3	946.2	1115.4	1311.5	1678.3	2939.9	5736.1	9353.6	13004.9
-15°	346.9	536.7	711.3	923.1	1118.8	1300.0	1639.2	2569.6	4973.4	8446.0	12502.1
-17.5°	327.6	516.1	682.6	888.7	1115.9	1272.6	1543.9	1983.8	3986.3	7178.1	11348.4
-20°	307.1	493.3	647.0	842.2	1100.6	1209.5	1399.0	1759.9	3145.1	5756.7	9534.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	285.9	468.6	609.8	796.4	1011.7	1133.4	1263.6	1523.5	2223.7	4159.0	7189.0
-25°	274.0	437.4	577.5	735.9	920.5	1062.4	1127.4	1291.1	1641.6	3053.1	5248.5
-27.5°	268.5	407.7	537.5	673.7	837.2	988.0	1035.7	1141.6	1403.5	1969.5	3545.6
-30°	259.1	367.4	493.6	614.2	764.3	898.8	968.6	1035.6	1202.8	1508.9	2381.8
-32.5°	238.6	326.4	446.3	562.8	692.5	822.8	927.9	992.1	1097.4	1257.2	1546.8
-35°	213.3	296.1	398.3	507.4	621.6	752.4	870.8	965.0	1015.9	1126.1	1319.9
-37.5°	190.2	263.3	350.1	451.3	557.8	679.0	809.3	912.0	986.8	1039.5	1178.5
-40°	165.8	228.0	308.9	398.8	494.6	605.5	725.4	844.7	939.5	1018.3	1080.0
-42.5°	140.9	199.6	267.9	347.2	437.9	534.9	638.0	755.0	872.7	975.2	1053.0
-45°	121.6	170.1	226.4	302.3	382.2	466.9	560.3	657.2	783.5	899.7	996.6
-47.5°	101.5	141.8	193.4	256.4	329.8	405.2	483.9	580.9	685.8	800.5	911.1
-50°	83.0	119.1	160.5	217.3	280.1	346.7	416.6	505.3	602.0	699.9	801.1
-52.5°	70.9	95.8	134.1	178.6	234.1	293.6	358.1	433.7	519.5	608.9	698.6
-55°	58.1	79.7	108.1	145.7	189.2	242.5	303.2	368.9	436.2	517.6	598.2
-57.5°	46.9	65.3	87.7	115.6	151.6	191.5	247.8	306.3	368.1	431.0	498.1
-60°	36.4	51.6	70.7	92.3	117.0	152.4	192.6	243.1	298.0	353.4	409.8
-62.5°	26.6	39.0	54.5	72.4	92.9	115.1	147.5	185.6	226.7	272.8	320.2
-65°	22.3	27.8	38.9	53.9	70.3	89.6	110.7	133.4	166.7	199.7	232.4
-67.5°	17.8	22.5	27.7	35.1	49.1	64.4	80.6	99.7	119.8	138.3	159.7
-70°	16.3	17.5	21.3	26.1	31.6	39.9	53.5	67.9	82.2	96.1	111.7
-72.5°	15.3	16.2	17.3	18.7	22.8	27.7	33.3	39.4	48.7	59.7	70.6
-75°	14.3	14.7	15.5	16.5	17.7	19.1	21.0	25.5	30.3	35.1	39.6
-77.5°	13.3	13.7	14.1	14.5	14.9	15.8	16.9	18.1	19.6	21.5	23.7
-80°	12.4	12.7	13.0	13.3	13.3	13.5	13.7	14.1	14.6	15.3	16.4
-82.5°	11.4	11.6	11.9	12.1	11.9	11.5	11.3	11.1	11.5	11.8	12.2
-85°	10.4	10.6	10.8	10.9	10.6	10.2	9.8	9.4	9.5	9.6	9.7
-87.5°	9.5	9.5	9.6	9.7	9.3	8.8	8.3	7.9	7.9	8.0	8.1
-90°	8.0	7.5	6.9	6.4	6.4	6.4	6.4	6.4	5.9	5.3	4.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.4	6.4	6.4	6.4	6.4	6.9	7.5	8.0	8.5	9.5	10.6
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	3.2
85°	5.6	5.3	5.0	4.6	4.2	4.2	4.2	4.2	4.2	3.7	3.2
82.5°	6.4	5.9	5.3	4.8	4.2	4.2	4.2	4.2	4.2	3.7	3.2
80°	6.4	6.1	5.9	5.7	5.6	5.4	5.1	4.7	4.2	3.7	3.2
77.5°	6.5	6.4	6.4	6.4	6.4	6.0	5.4	4.8	4.3	3.7	3.2
75°	6.6	6.5	6.6	6.6	6.5	6.2	6.0	6.0	6.0	5.6	5.2
72.5°	8.3	8.0	7.8	7.7	7.4	7.2	7.1	6.9	6.5	6.3	6.3
70°	11.3	11.2	10.9	10.6	10.2	9.7	9.4	8.9	8.2	8.1	8.2
67.5°	16.6	17.0	16.8	16.1	14.4	12.9	12.1	11.3	10.4	10.4	11.1
65°	24.5	21.4	19.4	17.7	16.2	15.0	14.2	13.4	12.6	12.8	14.6
62.5°	29.0	22.8	19.4	18.1	17.4	16.7	15.5	14.7	14.3	14.7	16.2
60°	33.8	24.5	18.2	17.1	16.0	14.9	14.8	14.8	14.8	15.0	15.7
57.5°	36.2	25.0	16.8	16.2	15.6	15.0	15.0	15.2	15.1	14.9	15.5
55°	35.4	25.2	17.3	16.5	16.4	16.6	16.6	15.7	15.2	14.8	15.4
52.5°	32.2	24.3	18.5	17.0	17.0	16.2	14.9	15.6	16.5	17.3	18.1
50°	28.7	22.9	19.9	18.6	18.6	18.7	18.7	19.8	20.9	21.5	22.4
47.5°	26.3	22.9	22.8	22.4	23.0	24.2	24.7	25.8	29.0	30.7	31.4
45°	26.6	28.2	29.3	30.4	30.3	36.3	40.6	43.0	45.7	48.4	50.5
42.5°	35.9	40.0	43.7	49.2	52.5	62.5	67.7	61.2	74.7	86.4	89.2
40°	55.0	60.9	73.9	88.4	105.9	113.4	148.7	150.2	165.5	203.8	216.1
37.5°	83.6	100.5	145.9	184.2	245.1	281.3	326.1	369.1	403.7	439.1	463.4
35°	130.2	216.9	285.1	404.7	486.6	527.9	581.1	644.7	671.6	783.3	868.7
32.5°	278.3	433.8	619.2	714.7	822.0	904.0	892.6	1157.1	1259.0	1426.9	1563.4
30°	514.4	885.9	1383.4	1383.4	1364.1	1816.5	1982.2	2323.8	2674.1	2907.5	3465.4
27.5°	1189.2	1977.4	2765.4	2781.3	3122.8	4067.5	4605.4	4767.0	6287.0	7263.0	8594.4
25°	2191.3	3488.7	4575.7	5081.6	6095.7	7634.7	8545.8	9632.2	11900.7	14485.5	16117.4
22.5°	3263.5	4646.2	6279.7	7431.8	9375.1	11354.9	13011.8	15409.1	18458.0	21342.4	23293.9
20°	4070.7	5695.0	8002.3	10422.1	12884.0	15366.0	17939.8	21233.8	25361.0	28873.3	32047.8
17.5°	5716.4	7433.9	10556.6	13847.8	17189.2	19840.9	23905.5	27856.1	32884.4	37981.1	41928.7
15°	8151.6	10920.2	14044.4	18313.6	23013.3	27071.0	31380.7	38313.7	44430.8	50981.4	56834.2
12.5°	11276.6	14945.9	19086.0	23995.8	30155.5	36523.4	43096.1	50414.0	58414.9	66283.3	74635.8
10°	14194.5	19237.4	24582.6	30623.9	37672.8	45714.5	53745.3	62036.9	73154.9	83231.5	92163.2
7.5°	16209.1	22148.3	28708.8	36093.0	44793.5	53346.6	62418.2	73692.1	86680.8	98106.9	107260.3
5°	18018.2	24748.2	31298.9	38763.7	48879.3	58655.5	69374.1	83096.1	97881.8	110412.0	119534.3
2.5°	19593.2	26835.5	33197.2	40717.4	51823.6	61995.2	73699.6	90053.2	107277.9	119829.0	129454.1
0°	20888.9	27957.0	34271.1	42017.1	53759.9	64236.1	76243.7	94429.8	114257.5	126936.5	136188.5
-2.5°	19634.5	26046.4	32279.0	40124.6	51958.3	62687.4	75665.5	94164.0	113622.5	127297.6	136850.6
-5°	18687.0	24542.4	30459.0	38222.3	48630.5	58579.1	70757.4	89781.7	110262.6	124080.1	133746.3
-7.5°	17952.7	23062.8	28442.2	35590.7	45112.0	55661.9	68719.4	87074.9	106428.0	120402.7	129161.2
-10°	17152.1	21542.2	27404.8	34609.9	43868.8	53926.5	65526.5	82506.1	102060.3	115506.2	125764.4
-12.5°	16908.3	21543.7	27448.9	33704.9	42221.6	51880.1	62939.6	77402.6	92390.6	106490.2	115486.2
-15°	16515.0	21219.1	26998.3	32882.3	40603.4	49905.6	59137.9	69826.2	82353.6	92541.5	101939.0
-17.5°	15744.0	20264.4	24607.6	30105.7	37620.4	46244.1	53239.6	61645.2	70683.5	78452.1	85540.7
-20°	13898.4	16972.5	21088.9	26273.7	32713.6	39696.5	46065.8	52130.4	57938.7	63857.1	67957.1



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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°	10634.8	13586.8	17038.2	21345.0	26450.1	32535.7	38164.4	42271.8	46892.0	51153.6	54657.5
-25°	7777.2	9940.0	13161.4	16836.3	20167.9	25042.1	29361.7	32135.6	36191.2	39377.0	42409.9
-27.5°	5624.1	7742.3	10369.2	13273.0	15770.9	18389.5	22202.6	24851.5	28041.2	30484.1	33013.8
-30°	3838.7	6171.3	8592.2	10967.5	12867.8	14846.1	16959.2	19572.1	22132.7	24185.1	26012.7
-32.5°	2662.5	4352.8	6718.6	8931.6	10649.2	12157.5	13546.0	15531.0	17447.1	19117.6	20487.5
-35°	1631.1	2829.9	4468.5	6575.8	8391.4	9841.0	11121.5	12385.8	13611.7	14868.6	15927.5
-37.5°	1380.0	1666.1	2687.2	4138.3	5867.8	7481.0	8735.4	9779.3	10704.7	11661.2	12414.2
-40°	1219.6	1390.7	1647.0	2177.8	3508.1	4849.2	6201.6	7325.2	8342.8	9191.1	9850.4
-42.5°	1113.7	1228.2	1353.0	1561.2	1807.8	2465.2	3628.3	4762.2	5866.1	6791.8	7567.7
-45°	1080.9	1138.4	1205.9	1317.2	1419.3	1619.4	1835.3	2059.0	2936.6	3867.7	4688.2
-47.5°	1006.1	1098.2	1159.4	1207.3	1264.2	1354.7	1437.6	1543.2	1744.9	1944.8	2108.1
-50°	907.0	1007.6	1092.2	1174.3	1232.2	1271.7	1301.9	1356.7	1437.0	1515.1	1578.2
-52.5°	787.0	884.5	982.9	1082.6	1164.9	1241.0	1312.6	1362.1	1399.6	1431.5	1447.9
-55°	677.8	759.4	841.6	941.9	1041.3	1136.8	1228.5	1306.7	1379.5	1447.6	1486.1
-57.5°	571.2	641.4	714.7	804.3	892.7	979.5	1068.4	1158.5	1246.7	1329.1	1376.8
-60°	469.5	531.9	598.2	670.5	747.2	827.3	903.9	980.3	1056.1	1123.3	1162.7
-62.5°	369.9	422.5	476.4	533.6	594.0	657.1	720.7	784.9	849.0	902.9	936.2
-65°	268.7	311.5	352.7	394.6	436.9	484.7	535.1	584.1	631.4	668.4	692.6
-67.5°	187.9	215.6	240.8	265.4	295.4	329.5	365.6	400.9	434.8	460.3	477.4
-70°	127.6	142.9	156.8	172.9	192.5	212.8	234.1	254.5	274.0	288.8	300.2
-72.5°	81.4	91.7	101.5	112.6	123.2	134.8	147.1	158.7	169.6	177.2	183.2
-75°	44.0	49.5	57.5	65.1	72.2	80.6	89.3	97.5	105.1	109.2	111.9
-77.5°	26.9	30.6	34.1	37.4	40.6	45.1	50.2	55.3	60.4	62.8	64.5
-80°	17.6	19.3	21.1	22.9	24.7	27.5	30.3	33.1	35.9	36.8	37.3
-82.5°	12.5	13.1	13.7	14.4	15.1	16.8	18.7	20.5	22.4	23.7	24.9
-85°	9.8	9.9	10.0	10.1	10.2	11.1	12.2	13.2	14.3	15.0	15.7
-87.5°	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.5	8.5	9.0	9.6
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	3.2



REPORT NUMBER: P1306294 (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°	11.6	12.7	11.7	10.6	11.7	12.7	11.6	10.6	9.5	8.5	8.0
87.5°	2.6	2.1	1.1	0.0	1.1	2.1	2.6	3.2	3.7	4.2	4.2
85°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2
82.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2
80°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.7
77.5°	2.7	2.1	3.1	4.2	3.1	2.1	2.7	3.2	3.7	4.3	4.8
75°	4.7	4.2	4.2	4.2	4.2	4.2	4.7	5.2	5.6	6.0	6.0
72.5°	6.3	6.3	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.5	6.9
70°	8.4	8.4	8.5	8.5	8.5	8.4	8.4	8.2	8.1	8.2	8.9
67.5°	11.8	12.5	12.7	12.7	12.7	12.5	11.8	11.1	10.4	10.4	11.3
65°	16.6	18.5	18.1	16.9	18.1	18.5	16.6	14.6	12.8	12.6	13.4
62.5°	17.5	18.8	19.1	19.1	19.1	18.8	17.5	16.2	14.7	14.3	14.7
60°	16.3	16.8	16.9	16.9	16.9	16.8	16.3	15.7	15.0	14.8	14.8
57.5°	16.1	16.7	16.9	16.9	16.9	16.7	16.1	15.5	14.9	15.1	15.2
55°	16.0	16.7	16.9	16.9	16.9	16.7	16.0	15.4	14.8	15.2	15.7
52.5°	18.6	18.9	19.1	19.1	19.1	18.9	18.6	18.1	17.3	16.5	15.6
50°	23.5	24.6	23.9	21.2	23.9	24.6	23.5	22.4	21.5	20.9	19.8
47.5°	31.4	30.4	29.6	29.7	29.6	30.4	31.4	31.4	30.7	29.0	25.8
45°	51.2	50.7	50.3	50.8	50.3	50.7	51.2	50.5	48.4	45.7	43.0
42.5°	92.3	92.6	91.1	89.0	91.1	92.6	92.3	89.2	86.4	74.7	61.2
40°	215.6	197.5	173.1	158.9	173.1	197.5	215.6	216.1	203.8	165.5	150.2
37.5°	485.6	499.7	501.0	491.4	501.0	499.7	485.6	463.4	439.1	403.7	369.1
35°	922.6	955.7	957.5	940.4	957.5	955.7	922.6	868.7	783.3	671.6	644.7
32.5°	1561.2	1635.6	1663.5	1656.4	1663.5	1635.6	1561.2	1563.4	1426.9	1259.0	1157.1
30°	3205.9	3228.2	3000.0	2582.0	3000.0	3228.2	3205.9	3465.4	2907.5	2674.1	2323.8
27.5°	9316.7	10176.6	10488.6	10351.2	10488.6	10176.6	9316.7	8594.4	7263.0	6287.0	4767.0
25°	16586.0	17152.6	17718.1	17783.7	17718.1	17152.6	16586.0	16117.4	14485.5	11900.7	9632.2
22.5°	24645.5	25450.7	26214.9	26040.1	26214.9	25450.7	24645.5	23293.9	21342.4	18458.0	15409.1
20°	34064.0	34619.3	35183.3	34559.2	35183.3	34619.3	34064.0	32047.8	28873.3	25361.0	21233.8
17.5°	46063.7	48678.3	50999.3	49949.4	50999.3	48678.3	46063.7	41928.7	37981.1	32884.4	27856.1
15°	62344.9	66895.6	69564.5	69423.4	69564.5	66895.6	62344.9	56834.2	50981.4	44430.8	38313.7
12.5°	81106.6	85862.2	88586.0	88022.6	88586.0	85862.2	81106.6	74635.8	66283.3	58414.9	50414.0
10°	98033.9	101768.3	105004.5	106272.2	105004.5	101768.3	98033.9	92163.2	83231.5	73154.9	62036.9
7.5°	112984.9	115767.2	118466.7	118949.2	118466.7	115767.2	112984.9	107260.3	98106.9	86680.8	73692.1
5°	125292.6	129234.5	130760.5	131365.5	130760.5	129234.5	125292.6	119534.3	110412.0	97881.8	83096.1
2.5°	135225.7	138831.6	140740.3	140176.9	140740.3	138831.6	135225.7	129454.1	119829.0	107277.9	90053.2
0°	140932.0	143786.2	145345.1	144972.3	145345.1	143786.2	140932.0	136188.5	126936.5	114257.5	94429.8
-2.5°	141494.4	143413.7	144633.0	144154.7	144633.0	143413.7	141494.4	136850.6	127297.6	113622.5	94164.0
-5°	137603.1	139164.9	139805.6	140079.5	139805.6	139164.9	137603.1	133746.3	124080.1	110262.6	89781.7
-7.5°	132241.4	134339.4	134020.4	134572.3	134020.4	134339.4	132241.4	129161.2	120402.7	106428.0	87074.9
-10°	129048.1	130984.3	130704.0	130853.0	130704.0	130984.3	129048.1	125764.4	115506.2	102060.3	82506.1
-12.5°	121299.9	124111.1	124542.7	125027.1	124542.7	124111.1	121299.9	115486.2	106490.2	92390.6	77402.6
-15°	108107.2	111196.2	113064.0	113484.4	113064.0	111196.2	108107.2	101939.0	92541.5	82353.6	69826.2
-17.5°	91433.9	95706.0	98709.3	99407.4	98709.3	95706.0	91433.9	85540.7	78452.1	70683.5	61645.2
-20°	72964.0	76022.1	77578.2	78416.9	77578.2	76022.1	72964.0	67957.1	63857.1	57938.7	52130.4



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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°	57429.3	59448.8	60315.8	60457.4	60315.8	59448.8	57429.3	54657.5	51153.6	46892.0	42271.8
-25°	44866.0	46242.6	46832.6	47704.2	46832.6	46242.6	44866.0	42409.9	39377.0	36191.2	32135.6
-27.5°	34817.6	36028.0	36567.6	37369.9	36567.6	36028.0	34817.6	33013.8	30484.1	28041.2	24851.5
-30°	27245.4	27974.5	28156.5	28196.4	28156.5	27974.5	27245.4	26012.7	24185.1	22132.7	19572.1
-32.5°	21551.2	22372.4	22862.6	23081.1	22862.6	22372.4	21551.2	20487.5	19117.6	17447.1	15531.0
-35°	16720.6	17261.9	17584.1	17946.8	17584.1	17261.9	16720.6	15927.5	14868.6	13611.7	12385.8
-37.5°	12999.8	13401.1	13623.2	13697.9	13623.2	13401.1	12999.8	12414.2	11661.2	10704.7	9779.3
-40°	10376.4	10774.9	11014.2	11050.2	11014.2	10774.9	10376.4	9850.4	9191.1	8342.8	7325.2
-42.5°	8157.2	8653.8	8975.0	9048.6	8975.0	8653.8	8157.2	7567.7	6791.8	5866.1	4762.2
-45°	5288.3	5750.5	5995.1	5979.4	5995.1	5750.5	5288.3	4688.2	3867.7	2936.6	2059.0
-47.5°	2212.5	2287.0	2319.0	2308.7	2319.0	2287.0	2212.5	2108.1	1944.8	1744.9	1543.2
-50°	1628.0	1670.2	1693.4	1698.7	1693.4	1670.2	1628.0	1578.2	1515.1	1437.0	1356.7
-52.5°	1461.9	1477.5	1482.9	1482.7	1482.9	1477.5	1461.9	1447.9	1431.5	1399.6	1362.1
-55°	1522.0	1556.0	1569.4	1569.5	1569.4	1556.0	1522.0	1486.1	1447.6	1379.5	1306.7
-57.5°	1420.1	1458.4	1476.0	1480.6	1476.0	1458.4	1420.1	1376.8	1329.1	1246.7	1158.5
-60°	1198.2	1228.9	1242.4	1245.5	1242.4	1228.9	1198.2	1162.7	1123.3	1056.1	980.3
-62.5°	964.7	988.0	995.2	993.4	995.2	988.0	964.7	936.2	902.9	849.0	784.9
-65°	712.9	729.0	730.2	724.4	730.2	729.0	712.9	692.6	668.4	631.4	584.1
-67.5°	491.1	501.3	501.8	497.8	501.8	501.3	491.1	477.4	460.3	434.8	400.9
-70°	309.9	317.6	318.0	315.6	318.0	317.6	309.9	300.2	288.8	274.0	254.5
-72.5°	188.3	192.6	196.3	199.1	196.3	192.6	188.3	183.2	177.2	169.6	158.7
-75°	113.9	115.4	115.2	114.4	115.2	115.4	113.9	111.9	109.2	105.1	97.5
-77.5°	66.0	67.2	69.7	72.0	69.7	67.2	66.0	64.5	62.8	60.4	55.3
-80°	37.7	37.9	39.1	40.2	39.1	37.9	37.7	37.3	36.8	35.9	33.1
-82.5°	26.2	27.4	27.5	27.5	27.5	27.4	26.2	24.9	23.7	22.4	20.5
-85°	16.3	16.8	18.0	19.1	18.0	16.8	16.3	15.7	15.0	14.3	13.2
-87.5°	10.1	10.6	10.6	10.6	10.6	10.6	10.1	9.6	9.0	8.5	8.5
-90°	2.6	2.1	1.0	0.0	1.0	2.1	2.6	3.2	3.7	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.5	6.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8	5.3	5.9	6.4
85°	4.2	4.2	4.2	4.6	5.0	5.3	5.6	5.7	5.9	6.1	6.4
82.5°	4.2	4.2	4.2	4.8	5.3	5.9	6.4	6.4	6.4	6.4	6.5
80°	5.1	5.4	5.6	5.7	5.9	6.1	6.4	6.5	6.5	6.4	6.5
77.5°	5.4	6.0	6.4	6.4	6.4	6.4	6.5	7.0	7.4	7.6	7.6
75°	6.0	6.2	6.5	6.6	6.6	6.5	6.6	7.1	7.7	8.2	8.5
72.5°	7.1	7.2	7.4	7.7	7.8	8.0	8.3	8.7	8.9	8.7	8.5
70°	9.4	9.7	10.2	10.6	10.9	11.2	11.3	11.5	11.7	11.8	10.8
67.5°	12.1	12.9	14.4	16.1	16.8	17.0	16.6	15.5	15.0	14.9	13.4
65°	14.2	15.0	16.2	17.7	19.4	21.4	24.5	24.8	23.5	20.6	16.1
62.5°	15.5	16.7	17.4	18.1	19.4	22.8	29.0	32.6	33.7	29.9	22.7
60°	14.8	14.9	16.0	17.1	18.2	24.5	33.8	40.5	44.4	37.7	28.4
57.5°	15.0	15.0	15.6	16.2	16.8	25.0	36.2	48.0	55.2	43.5	32.7
55°	16.6	16.6	16.4	16.5	17.3	25.2	35.4	47.2	54.2	47.1	34.8
52.5°	14.9	16.2	17.0	17.0	18.5	24.3	32.2	43.2	46.7	41.2	33.8
50°	18.7	18.7	18.6	18.6	19.9	22.9	28.7	37.4	37.6	35.1	29.3
47.5°	24.7	24.2	23.0	22.4	22.8	22.9	26.3	30.5	32.7	29.9	25.7
45°	40.6	36.3	30.3	30.4	29.3	28.2	26.6	31.1	32.5	30.6	23.7
42.5°	67.7	62.5	52.5	49.2	43.7	40.0	35.9	38.1	38.9	35.7	32.3
40°	148.7	113.4	105.9	88.4	73.9	60.9	55.0	49.6	49.5	46.6	45.2
37.5°	326.1	281.3	245.1	184.2	145.9	100.5	83.6	70.5	62.2	67.1	64.4
35°	581.1	527.9	486.6	404.7	285.1	216.9	130.2	101.5	93.8	98.5	90.3
32.5°	892.6	904.0	822.0	714.7	619.2	433.8	278.3	152.4	167.5	158.9	130.4
30°	1982.2	1816.5	1364.1	1383.4	1383.4	885.9	514.4	401.9	299.4	247.4	187.8
27.5°	4605.4	4067.5	3122.8	2781.3	2765.4	1977.4	1189.2	820.3	525.2	388.0	286.3
25°	8545.8	7634.7	6095.7	5081.6	4575.7	3488.7	2191.3	1551.1	999.6	561.6	390.9
22.5°	13011.8	11354.9	9375.1	7431.8	6279.7	4646.2	3263.5	2446.9	1531.9	803.8	517.5
20°	17939.8	15366.0	12884.0	10422.1	8002.3	5695.0	4070.7	3337.6	2238.3	1135.4	638.8
17.5°	23905.5	19840.9	17189.2	13847.8	10556.6	7433.9	5716.4	4493.8	3123.5	1413.7	749.3
15°	31380.7	27071.0	23013.3	18313.6	14044.4	10920.2	8151.6	6024.6	4171.6	1945.4	998.2
12.5°	43096.1	36523.4	30155.5	23995.8	19086.0	14945.9	11276.6	8161.8	5396.0	2893.9	1403.9
10°	53745.3	45714.5	37672.8	30623.9	24582.6	19237.4	14194.5	9854.0	6461.6	3852.4	1847.8
7.5°	62418.2	53346.6	44793.5	36093.0	28708.8	22148.3	16209.1	11268.0	7363.4	4717.5	2309.6
5°	69374.1	58655.5	48879.3	38763.7	31298.9	24748.2	18018.2	12541.7	8106.2	5475.9	2767.1
2.5°	73699.6	61995.2	51823.6	40717.4	33197.2	26835.5	19593.2	13640.8	8734.7	6071.0	3165.9
0°	76243.7	64236.1	53759.9	42017.1	34271.1	27957.0	20888.9	14507.0	9243.5	6523.8	3514.0
-2.5°	75665.5	62687.4	51958.3	40124.6	32279.0	26046.4	19634.5	14182.1	9724.2	6622.3	3385.4
-5°	70757.4	58579.1	48630.5	38222.3	30459.0	24542.4	18687.0	13920.1	9981.7	6568.0	3189.0
-7.5°	68719.4	55661.9	45112.0	35590.7	28442.2	23062.8	17952.7	13755.8	9981.7	6477.5	3232.4
-10°	65526.5	53926.5	43868.8	34609.9	27404.8	21542.2	17152.1	13421.8	9774.9	6201.4	3155.9
-12.5°	62939.6	51880.1	42221.6	33704.9	27448.9	21543.7	16908.3	13004.9	9353.6	5736.1	2939.9
-15°	59137.9	49905.6	40603.4	32882.3	26998.3	21219.1	16515.0	12502.1	8446.0	4973.4	2569.6
-17.5°	53239.6	46244.1	37620.4	30105.7	24607.6	20264.4	15744.0	11348.4	7178.1	3986.3	1983.8
-20°	46065.8	39696.5	32713.6	26273.7	21088.9	16972.5	13898.4	9534.3	5756.7	3145.1	1759.9



REPORT NUMBER: P1306294 (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°	38164.4	32535.7	26450.1	21345.0	17038.2	13586.8	10634.8	7189.0	4159.0	2223.7	1523.5
-25°	29361.7	25042.1	20167.9	16836.3	13161.4	9940.0	7777.2	5248.5	3053.1	1641.6	1291.1
-27.5°	22202.6	18389.5	15770.9	13273.0	10369.2	7742.3	5624.1	3545.6	1969.5	1403.5	1141.6
-30°	16959.2	14846.1	12867.8	10967.5	8592.2	6171.3	3838.7	2381.8	1508.9	1202.8	1035.6
-32.5°	13546.0	12157.5	10649.2	8931.6	6718.6	4352.8	2662.5	1546.8	1257.2	1097.4	992.1
-35°	11121.5	9841.0	8391.4	6575.8	4468.5	2829.9	1631.1	1319.9	1126.1	1015.9	965.0
-37.5°	8735.4	7481.0	5867.8	4138.3	2687.2	1666.1	1380.0	1178.5	1039.5	986.8	912.0
-40°	6201.6	4849.2	3508.1	2177.8	1647.0	1390.7	1219.6	1080.0	1018.3	939.5	844.7
-42.5°	3628.3	2465.2	1807.8	1561.2	1353.0	1228.2	1113.7	1053.0	975.2	872.7	755.0
-45°	1835.3	1619.4	1419.3	1317.2	1205.9	1138.4	1080.9	996.6	899.7	783.5	657.2
-47.5°	1437.6	1354.7	1264.2	1207.3	1159.4	1098.2	1006.1	911.1	800.5	685.8	580.9
-50°	1301.9	1271.7	1232.2	1174.3	1092.2	1007.6	907.0	801.1	699.9	602.0	505.3
-52.5°	1312.6	1241.0	1164.9	1082.6	982.9	884.5	787.0	698.6	608.9	519.5	433.7
-55°	1228.5	1136.8	1041.3	941.9	841.6	759.4	677.8	598.2	517.6	436.2	368.9
-57.5°	1068.4	979.5	892.7	804.3	714.7	641.4	571.2	498.1	431.0	368.1	306.3
-60°	903.9	827.3	747.2	670.5	598.2	531.9	469.5	409.8	353.4	298.0	243.1
-62.5°	720.7	657.1	594.0	533.6	476.4	422.5	369.9	320.2	272.8	226.7	185.6
-65°	535.1	484.7	436.9	394.6	352.7	311.5	268.7	232.4	199.7	166.7	133.4
-67.5°	365.6	329.5	295.4	265.4	240.8	215.6	187.9	159.7	138.3	119.8	99.7
-70°	234.1	212.8	192.5	172.9	156.8	142.9	127.6	111.7	96.1	82.2	67.9
-72.5°	147.1	134.8	123.2	112.6	101.5	91.7	81.4	70.6	59.7	48.7	39.4
-75°	89.3	80.6	72.2	65.1	57.5	49.5	44.0	39.6	35.1	30.3	25.5
-77.5°	50.2	45.1	40.6	37.4	34.1	30.6	26.9	23.7	21.5	19.6	18.1
-80°	30.3	27.5	24.7	22.9	21.1	19.3	17.6	16.4	15.3	14.6	14.1
-82.5°	18.7	16.8	15.1	14.4	13.7	13.1	12.5	12.2	11.8	11.5	11.1
-85°	12.2	11.1	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4
-87.5°	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	7.9	7.9
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8	5.3	5.9	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°	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.5	8.5	8.5	8.5
85°	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	7.0	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	7.0	7.5	8.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	7.6	7.8	8.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.4	8.4	8.6	8.6	8.5	8.5	8.6	8.7	8.5	8.5
72.5°	8.5	8.5	8.5	8.8	9.1	9.1	8.8	8.7	9.0	8.9	8.6
70°	9.6	8.7	8.5	8.8	9.4	9.8	9.7	9.4	9.3	9.4	9.1
67.5°	11.7	10.4	9.3	9.1	9.4	10.0	10.5	10.1	9.8	9.9	9.7
65°	14.3	12.4	10.5	10.0	9.8	10.0	10.5	10.6	10.3	10.1	10.2
62.5°	17.7	14.8	12.7	11.1	10.4	10.3	10.6	10.6	10.6	10.4	10.5
60°	21.3	16.7	14.7	12.9	11.3	10.5	10.6	10.6	10.6	10.6	10.6
57.5°	23.8	17.5	15.7	14.2	12.6	11.1	10.6	10.6	10.6	10.6	10.6
55°	24.8	18.2	16.7	15.2	13.6	12.0	10.9	10.6	10.6	10.6	10.6
52.5°	24.2	19.3	17.6	16.0	14.4	12.9	11.7	10.6	10.6	10.6	10.6
50°	21.4	20.6	18.8	16.9	15.2	13.7	12.5	11.2	10.6	10.6	10.6
47.5°	21.7	21.8	20.3	17.9	15.9	14.6	13.3	11.9	10.6	10.6	10.6
45°	24.6	23.4	22.0	19.5	16.8	15.4	14.0	12.6	11.2	10.7	10.6
42.5°	29.8	27.9	24.4	21.2	18.7	16.2	14.7	13.3	11.8	10.8	10.7
40°	41.3	35.0	28.5	26.2	21.2	17.0	15.4	13.9	12.3	11.1	10.8
37.5°	55.4	46.5	36.8	36.7	26.2	19.6	16.1	14.5	13.0	11.8	11.1
35°	76.6	61.7	54.4	52.3	39.7	22.6	16.7	15.0	13.8	12.3	11.3
32.5°	100.9	90.2	83.5	70.4	57.2	25.9	18.6	16.1	14.6	12.9	11.6
30°	148.1	141.7	121.3	90.3	77.1	41.9	21.9	17.3	15.5	13.5	11.9
27.5°	221.2	205.2	168.5	123.8	95.8	61.5	26.1	18.7	16.4	14.1	12.4
25°	299.1	272.9	230.2	166.4	115.6	82.2	30.6	20.3	17.5	14.8	12.8
22.5°	392.3	336.9	299.9	213.9	140.6	103.2	41.4	23.9	18.7	15.5	13.3
20°	478.3	398.1	374.5	260.8	176.2	123.1	58.2	27.6	19.9	16.3	13.6
17.5°	561.6	479.4	432.0	316.2	215.3	145.5	74.7	31.3	21.2	17.0	14.0
15°	718.6	592.7	499.1	372.3	252.0	169.8	90.7	35.0	22.6	17.7	14.3
12.5°	898.7	712.9	576.8	428.2	286.5	195.3	106.0	38.5	23.9	18.4	14.4
10°	1085.2	837.4	661.9	482.8	318.4	221.4	120.2	43.3	25.8	19.1	14.6
7.5°	1273.4	963.3	751.0	534.9	354.2	261.0	153.0	51.2	27.9	19.7	14.7
5°	1445.9	1081.8	844.7	616.6	422.5	314.6	189.5	59.1	30.0	20.3	14.7
2.5°	1552.7	1184.9	934.7	697.9	489.0	366.3	225.2	66.8	32.0	20.8	14.8
0°	1643.7	1279.3	1016.7	773.1	552.8	415.2	258.4	74.1	33.9	21.2	14.8
-2.5°	1645.1	1282.1	1044.3	844.7	623.5	467.5	299.1	95.8	46.4	26.9	16.8
-5°	1631.8	1278.2	1068.8	909.7	689.2	515.2	334.2	116.2	58.4	32.3	18.7
-7.5°	1663.7	1291.4	1091.5	961.5	748.4	557.7	362.5	134.7	69.4	37.3	20.5
-10°	1685.4	1308.1	1106.2	958.7	748.8	569.8	378.9	150.7	79.1	41.6	22.1
-12.5°	1678.3	1311.5	1115.4	946.2	733.3	554.8	364.3	161.9	87.2	45.2	23.5
-15°	1639.2	1300.0	1118.8	923.1	711.3	536.7	346.9	169.6	94.2	48.6	24.7
-17.5°	1543.9	1272.6	1115.9	888.7	682.6	516.1	327.6	174.7	99.3	52.0	26.4
-20°	1399.0	1209.5	1100.6	842.2	647.0	493.3	307.1	177.1	102.5	54.2	28.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1263.6	1133.4	1011.7	796.4	609.8	468.6	285.9	176.5	103.4	55.1	29.7
-25°	1127.4	1062.4	920.5	735.9	577.5	437.4	274.0	172.9	102.0	54.5	30.4
-27.5°	1035.7	988.0	837.2	673.7	537.5	407.7	268.5	170.9	99.4	52.3	30.5
-30°	968.6	898.8	764.3	614.2	493.6	367.4	259.1	165.9	97.0	51.2	29.8
-32.5°	927.9	822.8	692.5	562.8	446.3	326.4	238.6	157.6	92.3	50.5	29.3
-35°	870.8	752.4	621.6	507.4	398.3	296.1	213.3	145.9	85.4	48.7	28.5
-37.5°	809.3	679.0	557.8	451.3	350.1	263.3	190.2	128.7	76.2	45.9	27.2
-40°	725.4	605.5	494.6	398.8	308.9	228.0	165.8	112.7	70.1	41.9	25.3
-42.5°	638.0	534.9	437.9	347.2	267.9	199.6	140.9	95.9	63.0	38.5	22.8
-45°	560.3	466.9	382.2	302.3	226.4	170.1	121.6	79.6	55.0	34.9	20.6
-47.5°	483.9	405.2	329.8	256.4	193.4	141.8	101.5	70.0	46.5	30.6	19.3
-50°	416.6	346.7	280.1	217.3	160.5	119.1	83.0	59.7	40.3	25.3	17.8
-52.5°	358.1	293.6	234.1	178.6	134.1	95.8	70.9	49.2	33.7	22.1	16.2
-55°	303.2	242.5	189.2	145.7	108.1	79.7	58.1	41.1	26.6	19.8	14.5
-57.5°	247.8	191.5	151.6	115.6	87.7	65.3	46.9	32.3	22.7	17.3	14.2
-60°	192.6	152.4	117.0	92.3	70.7	51.6	36.4	25.0	19.7	15.2	13.7
-62.5°	147.5	115.1	92.9	72.4	54.5	39.0	26.6	21.4	16.6	14.6	13.2
-65°	110.7	89.6	70.3	53.9	38.9	27.8	22.3	17.6	15.4	14.1	12.7
-67.5°	80.6	64.4	49.1	35.1	27.7	22.5	17.8	16.0	14.7	13.5	12.2
-70°	53.5	39.9	31.6	26.1	21.3	17.5	16.3	15.2	14.0	12.9	11.7
-72.5°	33.3	27.7	22.8	18.7	17.3	16.2	15.3	14.4	13.3	12.2	11.1
-75°	21.0	19.1	17.7	16.5	15.5	14.7	14.3	13.6	12.6	11.6	10.9
-77.5°	16.9	15.8	14.9	14.5	14.1	13.7	13.3	12.8	11.9	11.3	10.8
-80°	13.7	13.5	13.3	13.3	13.0	12.7	12.4	12.0	11.4	11.0	10.7
-82.5°	11.3	11.5	11.9	12.1	11.9	11.6	11.4	11.1	10.8	10.6	10.4
-85°	9.8	10.2	10.6	10.9	10.8	10.6	10.4	10.3	10.1	9.9	9.8
-87.5°	8.3	8.8	9.3	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1
-90°	6.4	6.4	6.4	6.4	6.9	7.5	8.0	8.5	8.5	8.5	8.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
72.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
70°	8.6	8.5	8.5	8.5	8.5	8.5	8.5
67.5°	9.1	8.5	8.5	8.5	8.5	8.5	8.5
65°	9.6	8.7	8.5	8.5	8.5	8.5	8.5
62.5°	10.1	9.1	8.5	8.5	8.5	8.5	8.5
60°	10.5	9.5	8.5	8.5	8.5	8.5	8.5
57.5°	10.6	9.9	8.8	8.5	8.5	8.5	8.5
55°	10.6	10.3	9.1	8.5	8.5	8.5	8.5
52.5°	10.6	10.6	9.4	8.5	8.5	8.5	8.5
50°	10.6	10.6	9.7	8.5	8.5	8.5	8.5
47.5°	10.6	10.6	10.0	8.5	8.5	8.5	8.5
45°	10.6	10.6	10.2	8.7	8.5	8.5	8.5
42.5°	10.6	10.6	10.5	8.9	8.5	8.5	8.5
40°	10.6	10.6	10.6	9.1	8.5	8.5	8.5
37.5°	10.6	10.6	10.6	9.2	8.5	8.5	8.5
35°	10.6	10.6	10.6	9.3	8.5	8.5	8.5
32.5°	10.7	10.6	10.6	9.4	8.5	8.5	8.5
30°	10.9	10.6	10.6	9.4	8.5	8.5	8.5
27.5°	11.1	10.6	10.5	9.5	8.5	8.5	8.5
25°	11.4	10.6	10.5	9.5	8.5	8.5	8.5
22.5°	11.6	10.6	10.5	9.4	8.5	8.5	8.5
20°	11.9	10.6	10.4	9.4	8.5	8.5	8.5
17.5°	12.1	10.6	10.4	9.3	8.5	8.5	8.5
15°	12.3	10.6	10.5	9.2	8.5	8.5	8.5
12.5°	12.4	10.6	10.5	9.1	8.5	8.5	8.5
10°	12.5	10.6	10.5	9.0	8.5	8.5	8.5
7.5°	12.6	10.6	10.5	8.9	8.5	8.5	8.5
5°	12.7	10.6	10.6	8.8	8.5	8.5	8.5
2.5°	12.7	10.6	10.6	8.6	8.5	8.5	8.5
0°	12.7	10.6	10.6	8.5	8.5	8.5	8.5
-2.5°	13.5	11.1	10.6	8.6	8.5	8.5	8.5
-5°	14.3	11.5	10.6	8.8	8.5	8.5	8.5
-7.5°	15.1	11.9	10.5	8.9	8.5	8.5	8.5
-10°	15.8	12.3	10.5	9.0	8.5	8.5	8.5
-12.5°	16.4	12.6	10.5	9.1	8.5	8.5	8.5
-15°	17.0	12.9	10.5	9.2	8.5	8.5	8.5
-17.5°	17.4	13.1	10.4	9.3	8.5	8.5	8.5
-20°	18.0	13.1	10.4	9.4	8.5	8.5	8.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.6	13.1	10.5	9.4	8.5	8.5	8.5
-25°	18.9	13.0	10.5	9.5	8.5	8.5	8.5
-27.5°	18.9	12.9	10.5	9.5	8.5	8.5	8.5
-30°	18.6	12.7	10.6	9.4	8.5	8.5	8.5
-32.5°	17.9	12.4	10.7	9.4	8.5	8.5	8.5
-35°	17.4	12.0	10.8	9.3	8.5	8.5	8.5
-37.5°	16.9	11.7	10.9	9.2	8.5	8.5	8.5
-40°	16.2	11.8	10.9	9.1	8.5	8.5	8.5
-42.5°	15.4	11.8	10.9	9.0	8.5	8.5	8.5
-45°	14.5	11.8	10.7	8.8	8.5	8.5	8.5
-47.5°	13.4	11.8	10.5	8.7	8.5	8.5	8.5
-50°	13.1	11.8	10.2	8.7	8.5	8.5	8.5
-52.5°	13.0	11.7	10.0	8.7	8.5	8.5	8.5
-55°	12.8	11.4	9.8	8.7	8.5	8.5	8.5
-57.5°	12.5	11.1	9.5	8.8	8.5	8.5	8.5
-60°	12.2	10.8	9.3	8.8	8.5	8.5	8.5
-62.5°	11.8	10.4	9.3	8.8	8.5	8.5	8.5
-65°	11.4	10.0	9.4	8.9	8.5	8.5	8.5
-67.5°	10.9	9.9	9.4	8.9	8.5	8.5	8.5
-70°	10.5	9.9	9.4	8.9	8.5	8.5	8.5
-72.5°	10.5	10.0	9.5	8.9	8.5	8.5	8.5
-75°	10.5	10.0	9.5	8.9	8.5	8.5	8.5
-77.5°	10.5	10.0	9.4	8.8	8.5	8.5	8.5
-80°	10.6	9.8	9.2	8.8	8.5	8.5	8.5
-82.5°	10.1	9.5	9.0	8.7	8.5	8.5	8.5
-85°	9.6	9.2	8.9	8.6	8.5	8.5	8.5
-87.5°	9.0	8.8	8.7	8.6	8.5	8.5	8.5
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5

(END OF REPORT)