

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: P1305701 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

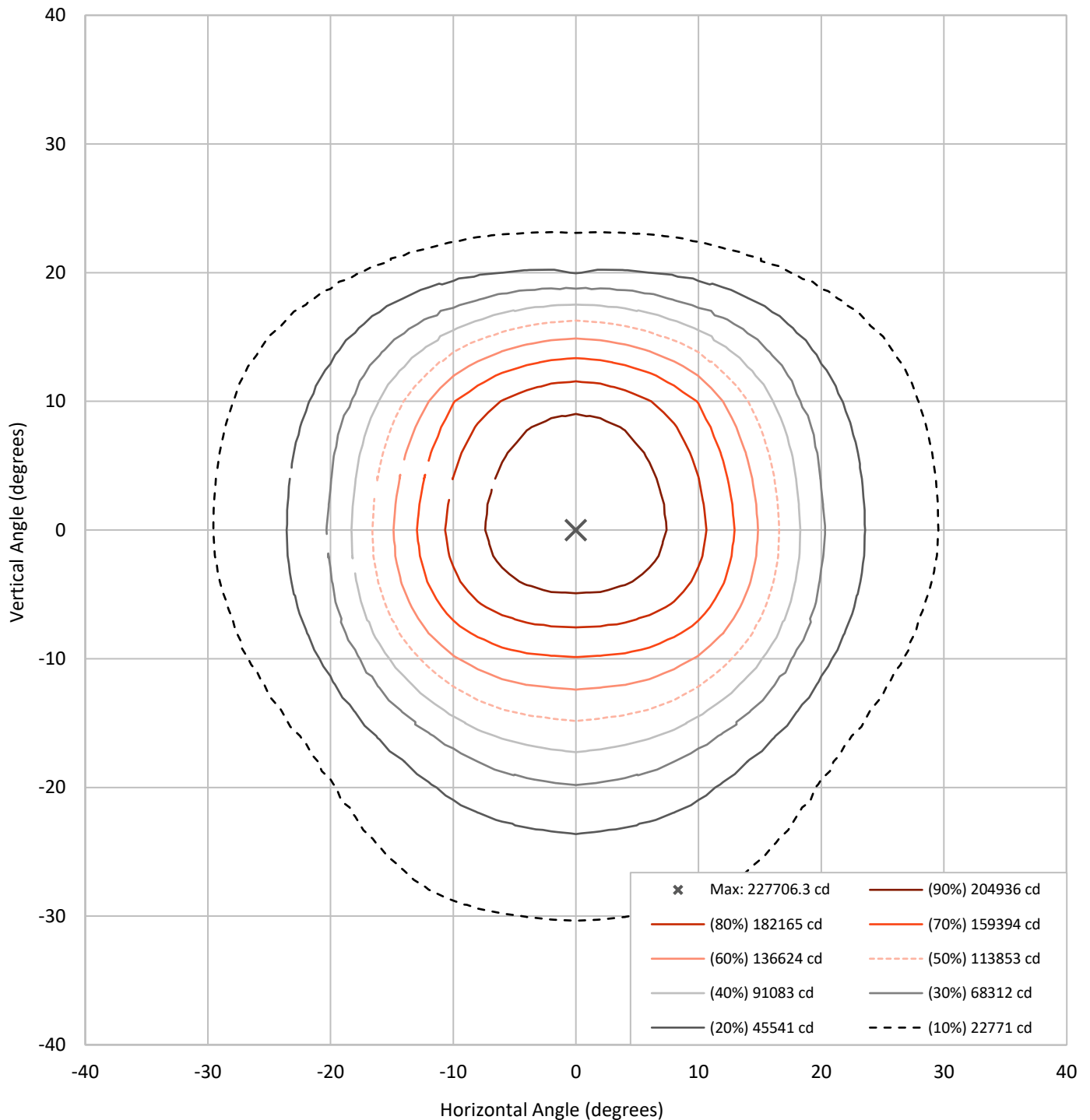
Test Method: LM-79-08
Report Number: P1305701 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	77584.2 lumens	Max Intensity:	227706.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	42402.8 lumens	Field Lumens:	68324.7 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





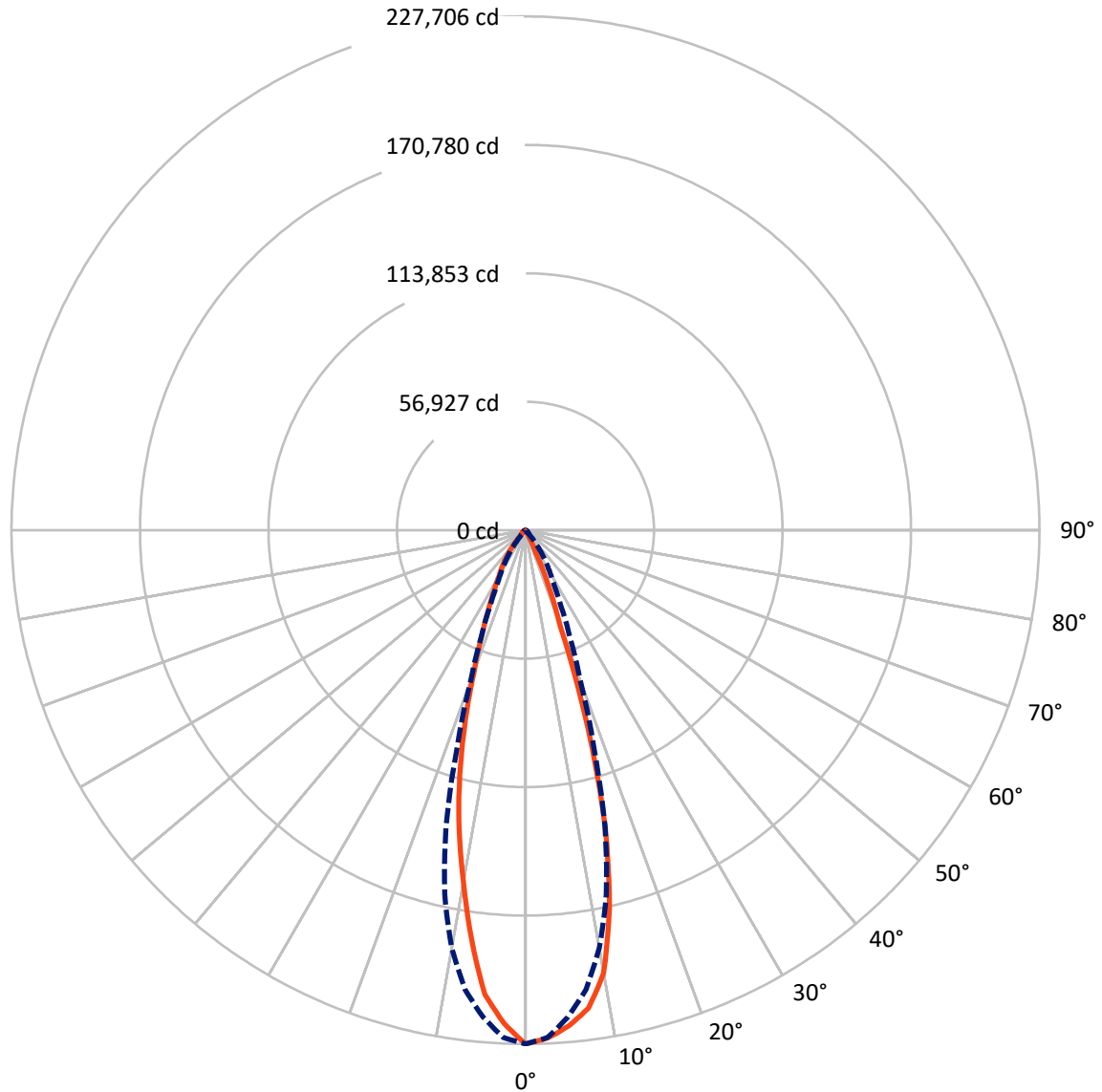
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Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1							
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1							
70	0.1	0.0	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.0	0.1		
60		0.1	0.3	0.8	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.8	0.3	0.1			
50	0.1	0.1	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.9	0.7	0.6	0.5	0.4	0.1	0.1		
40		0.2	0.8	2.3	4.2	7.3	11.1	13.7	13.7	11.1	7.3	4.2	2.3	0.8	0.2			
30	0.1	0.4	3.8	11.7	46.1	143.8	287.9	467.5	467.5	287.9	143.8	46.1	11.7	3.8	0.4	0.1		
20		1.2	8.6	28.2	190.3	650.1	1940.1	3617.1	3617.1	1940.1	650.1	190.3	28.2	8.6	1.2			
10	0.2	1.9	11.9	40.2	296.5	1056.2	3622.0	6203.7	6203.7	3622.0	1056.2	296.5	40.2	11.9	1.9	0.2		
0		2.5	12.7	41.3	292.7	1018.9	3505.7	5774.6	5774.6	3505.7	1018.9	292.7	41.3	12.7	2.5			
-10	0.4	2.9	12.1	31.8	174.0	575.7	1769.2	3153.6	3153.6	1769.2	575.7	174.0	31.8	12.1	2.9	0.4		
-20		3.0	11.6	24.6	82.0	312.1	718.9	1146.9	1146.9	718.9	312.1	82.0	24.6	11.6	3.0			
-30	0.4	2.4	10.4	21.0	40.4	115.9	290.3	441.0	441.0	290.3	115.9	40.4	21.0	10.4	2.4	0.4		
-40		1.6	7.6	17.9	30.2	46.2	70.2	95.3	95.3	70.2	46.2	30.2	17.9	7.6	1.6			
-50	0.2	0.8	3.9	11.7	22.7	32.8	42.1	48.2	48.2	42.1	32.8	22.7	11.7	3.9	0.8	0.2		
-60		0.3	1.4	4.2	9.1	15.2	21.5	24.9	24.9	21.5	15.2	9.1	4.2	1.4	0.3			
-70	0.1	0.7	2.9	7.3	9.7	7.3	2.9	0.7	0.1							0.1		
-80		0.1	0.7	2.9	7.3	9.7	7.3	2.9	0.7	0.1								
-90	0.1	0.7	2.9	7.3	9.7	7.3	2.9	0.7	0.1									

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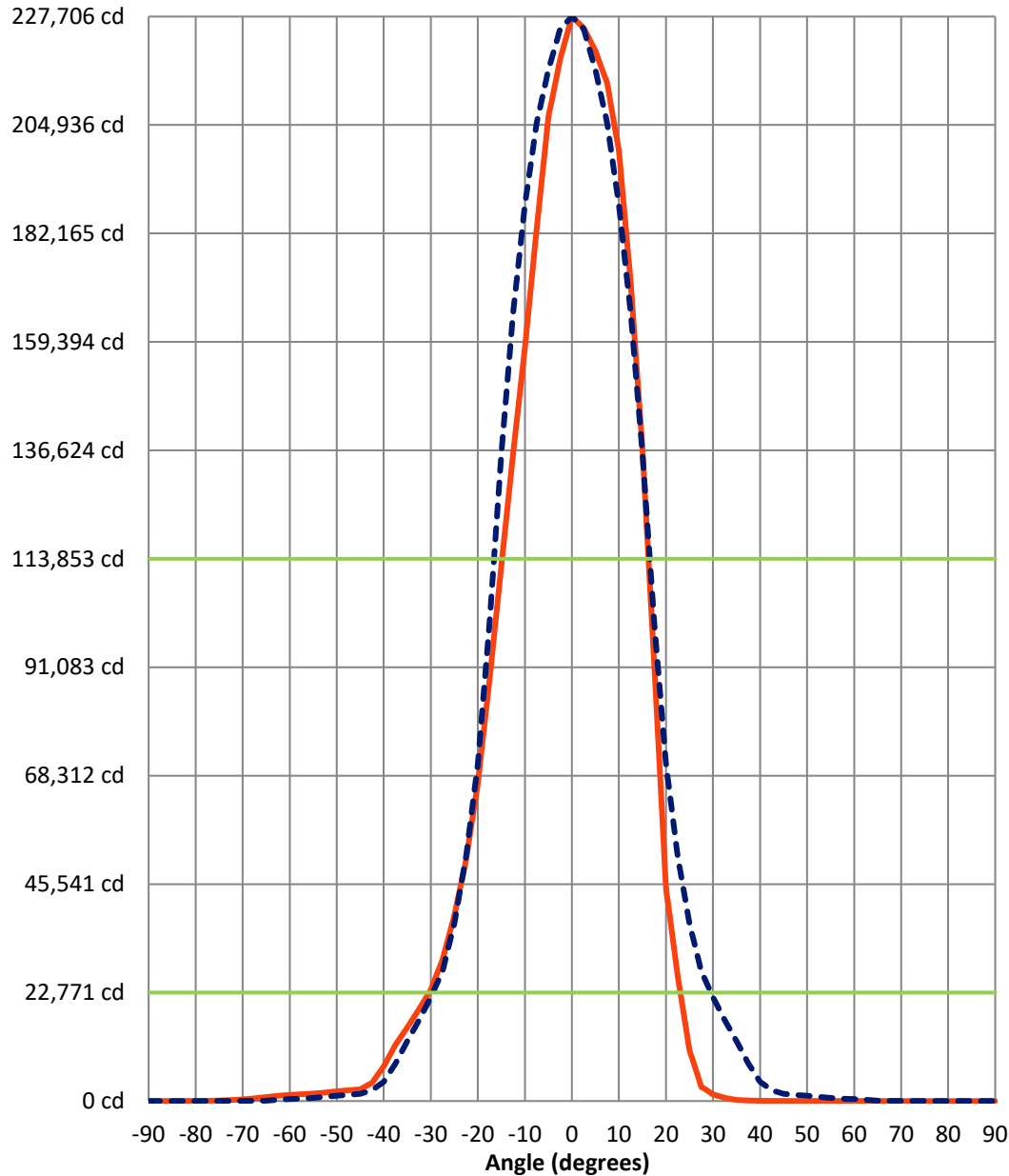
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 42402.8
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 68324.7
 Efficiency: 88.1%

Spill:
 Lumens: 9259.5
 Efficiency: 11.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	3.9	3.0	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.0
85°	3.9	3.0	2.3	2.4	2.3	2.2	2.0	2.0	2.0	2.0	2.0
82.5°	3.9	3.1	2.5	2.6	2.5	2.3	2.0	2.0	2.0	2.1	2.0
80°	3.9	3.1	2.7	2.8	2.7	2.4	2.1	2.3	2.4	2.3	2.0
77.5°	3.9	3.2	2.8	2.9	2.9	2.6	2.6	2.7	2.7	2.5	2.3
75°	3.9	3.2	3.0	3.1	3.0	2.9	3.1	3.2	3.1	3.0	3.0
72.5°	3.9	3.3	3.2	3.3	3.2	3.2	3.5	3.6	3.4	3.5	3.8
70°	3.9	3.3	3.3	3.5	3.4	3.5	3.9	3.7	3.7	3.9	3.9
67.5°	3.9	3.4	3.5	3.6	3.5	3.8	3.9	3.8	3.9	3.9	3.9
65°	3.9	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	3.9	3.4	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	3.9
60°	3.9	3.5	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
57.5°	3.9	3.5	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
55°	3.9	3.6	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
52.5°	3.9	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
50°	3.9	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.1
47.5°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	6.4
45°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.9	4.0	5.0	7.7
42.5°	3.9	3.7	3.9	3.9	3.9	3.9	3.9	4.0	4.1	6.1	9.3
40°	3.9	3.8	3.9	3.9	3.9	3.9	3.9	4.1	4.6	7.2	11.0
37.5°	3.9	3.8	3.9	3.9	3.9	3.9	3.9	4.3	5.6	8.5	12.7
35°	3.9	3.8	3.9	3.9	3.9	3.9	3.9	4.6	6.6	10.0	14.2
32.5°	3.9	3.8	3.9	3.9	3.9	3.9	4.0	4.8	7.5	11.5	15.6
30°	3.9	3.8	3.9	3.9	3.9	3.9	4.2	5.3	8.4	12.9	17.3
27.5°	3.9	3.9	3.9	3.9	3.9	3.9	4.4	6.0	9.3	14.2	19.3
25°	3.9	3.9	3.9	3.9	3.9	3.9	4.6	6.7	10.4	15.7	21.6
22.5°	3.9	3.9	3.9	3.9	3.9	3.9	4.9	7.3	11.4	17.4	26.2
20°	3.9	3.9	3.9	3.9	3.9	4.1	5.1	7.9	12.3	19.2	31.3
17.5°	3.9	3.9	3.9	3.9	3.9	4.3	5.5	8.4	13.2	21.0	36.6
15°	3.9	3.9	3.9	3.9	3.9	4.5	5.9	9.1	14.0	22.9	42.1
12.5°	3.9	3.9	3.9	3.9	3.9	4.7	6.3	9.9	15.2	24.8	47.7
10°	3.9	3.9	3.9	3.9	3.9	4.9	6.6	10.8	17.0	28.1	53.5
7.5°	3.9	3.9	3.9	3.9	3.9	5.2	7.0	11.6	18.8	31.6	59.6
5°	3.9	3.9	3.9	3.9	3.9	5.4	7.3	12.4	20.5	35.0	65.2
2.5°	3.9	3.9	3.9	3.9	3.9	5.7	7.6	13.1	22.1	38.3	70.2
0°	3.9	3.9	3.9	3.9	3.9	5.9	7.9	13.8	23.6	41.3	74.7
-2.5°	3.9	3.9	3.9	3.9	4.1	6.5	9.7	17.5	31.7	55.7	96.3
-5°	3.9	3.9	3.9	3.9	4.2	7.2	11.5	21.0	39.5	69.6	116.8
-7.5°	3.9	3.9	3.9	3.9	4.4	7.7	13.1	24.3	46.7	82.4	135.9
-10°	3.9	3.9	3.9	3.9	4.6	8.2	14.6	27.3	53.1	94.0	153.1
-12.5°	3.9	3.9	3.9	3.9	4.7	8.6	16.0	29.9	58.5	103.9	168.4
-15°	3.9	3.9	3.9	3.9	4.8	9.0	17.1	32.1	63.0	111.5	180.9
-17.5°	3.9	3.9	3.9	3.9	4.9	9.2	17.9	34.2	66.4	117.3	190.2
-20°	3.9	3.9	3.9	3.9	4.9	9.4	18.7	36.0	68.5	120.9	195.8



REPORT NUMBER: P1305701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.9	3.9	3.9	3.9	5.0	9.4	19.4	37.2	69.3	122.2	197.5
-25°	3.9	3.9	3.9	3.9	5.0	9.5	19.7	37.7	68.5	121.0	195.1
-27.5°	3.9	3.9	3.9	3.9	4.9	9.4	19.6	37.5	66.3	118.3	193.4
-30°	3.9	3.9	3.9	3.9	4.8	9.3	19.1	36.5	64.7	115.5	188.4
-32.5°	3.9	3.9	3.9	3.9	4.9	8.9	18.1	35.7	63.5	110.6	179.9
-35°	3.9	3.9	3.9	3.9	4.9	8.4	17.4	34.5	61.1	103.4	167.9
-37.5°	3.9	3.9	3.9	3.9	4.9	7.9	16.7	32.7	57.6	93.9	153.0
-40°	3.9	3.9	3.9	3.9	4.9	7.9	15.7	30.2	53.0	87.1	138.0
-42.5°	3.9	3.9	3.9	3.9	4.9	7.8	14.5	27.0	48.8	79.5	120.8
-45°	3.9	3.9	3.9	4.0	5.0	7.7	12.9	24.0	44.3	70.7	102.8
-47.5°	3.9	3.9	3.9	4.0	5.0	7.5	11.1	21.8	39.0	61.1	91.9
-50°	3.9	3.9	3.9	4.0	5.0	7.2	10.6	19.2	32.2	53.2	79.9
-52.5°	3.9	3.9	3.9	4.1	5.0	6.9	10.2	16.3	27.3	44.4	67.2
-55°	3.9	3.9	3.9	4.1	4.9	6.7	9.7	13.3	23.2	34.8	56.0
-57.5°	3.9	3.9	3.9	4.1	4.8	6.5	9.2	12.6	18.8	28.7	43.7
-60°	3.9	3.9	3.9	4.0	4.6	6.2	8.6	11.8	15.0	23.5	33.0
-62.5°	3.9	3.9	3.9	4.0	4.6	5.8	8.0	10.8	13.8	18.0	26.8
-65°	3.9	3.9	3.9	4.0	4.5	5.4	7.4	9.9	12.6	15.7	20.5
-67.5°	3.9	3.9	3.9	4.0	4.3	5.1	6.6	8.9	11.3	14.1	17.2
-70°	3.9	3.9	3.9	3.9	4.2	4.8	5.8	7.9	10.1	12.4	15.1
-72.5°	3.9	3.9	3.9	3.9	4.1	4.6	5.4	6.9	8.9	11.0	13.1
-75°	3.9	3.9	3.9	3.9	3.9	4.3	4.9	6.1	7.7	9.6	11.6
-77.5°	3.9	3.9	3.9	3.9	3.9	4.0	4.4	5.5	6.8	8.3	10.0
-80°	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.8	5.9	7.1	8.5
-82.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.3	4.9	5.9	6.9
-85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.2	4.6	5.0	5.6
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.2	4.5	4.7
-90°	3.9	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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 CATALOG NUMBER: EPH-08-640L-57-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.7
80°	2.0	2.0	2.1	2.0	2.2	2.5	2.9	3.5	3.8	3.9	3.9
77.5°	2.5	2.5	2.4	2.1	2.3	2.8	3.3	3.8	3.9	3.9	3.9
75°	3.2	3.1	2.6	2.2	2.3	2.8	3.3	3.8	3.9	3.9	3.9
72.5°	3.6	3.2	2.7	2.2	2.6	3.2	3.7	3.9	4.8	6.0	6.8
70°	3.7	3.2	3.0	3.1	3.6	4.3	6.0	8.2	10.3	11.1	11.9
67.5°	3.8	3.6	3.6	4.1	5.5	7.4	9.9	13.0	16.1	17.2	18.3
65°	3.9	3.8	4.4	5.7	7.7	10.7	14.1	17.7	23.0	25.7	27.0
62.5°	3.9	4.2	5.2	7.4	10.6	14.2	18.7	24.5	31.6	36.2	36.0
60°	3.9	4.4	6.6	9.8	13.5	17.7	23.5	31.6	41.7	48.9	44.1
57.5°	3.9	5.3	8.5	12.1	16.1	20.8	28.8	38.8	48.0	57.7	49.5
55°	4.5	6.7	10.2	14.1	18.7	24.3	32.2	40.1	50.2	53.9	45.1
52.5°	6.0	8.3	11.7	16.2	21.8	26.3	30.6	37.7	41.5	43.3	37.2
50°	7.5	10.0	13.1	18.6	23.4	26.0	26.6	31.0	32.8	31.3	28.3
47.5°	9.2	11.7	15.0	20.3	23.6	24.8	23.9	24.8	24.7	24.3	20.5
45°	10.9	13.9	17.3	20.9	23.4	23.1	22.7	20.0	22.7	21.9	20.1
42.5°	12.7	15.9	19.3	21.8	22.4	23.7	23.5	24.3	24.4	25.5	27.5
40°	14.4	17.8	21.7	23.4	22.8	26.5	31.8	34.4	30.9	37.3	42.8
37.5°	15.9	20.2	25.3	29.3	27.0	35.1	43.7	57.5	59.5	55.3	70.6
35°	17.2	23.0	33.6	42.9	45.3	49.0	73.2	95.3	109.0	101.0	112.6
32.5°	19.3	26.0	44.8	65.2	81.4	85.9	111.4	157.7	184.7	189.3	181.6
30°	22.6	36.5	61.8	93.4	129.5	161.9	184.3	237.2	281.3	329.4	358.1
27.5°	27.7	50.2	88.9	137.9	192.4	252.9	303.2	344.0	424.7	506.6	577.0
25°	33.6	78.0	119.8	193.5	280.0	363.6	433.6	496.1	602.4	730.3	944.1
22.5°	48.2	113.8	171.5	256.0	377.5	483.3	577.7	674.9	804.7	976.9	1424.3
20°	74.2	158.4	230.5	320.5	478.1	608.1	727.9	850.2	1012.8	1373.5	2354.9
17.5°	104.2	204.9	287.2	391.4	553.1	718.4	882.8	1017.4	1214.5	1746.8	3379.7
15°	137.2	252.8	338.4	456.4	624.1	804.0	987.7	1180.5	1480.9	2244.3	4352.3
12.5°	172.1	301.3	384.6	515.3	690.9	885.4	1071.8	1280.6	1721.4	2999.0	5589.8
10°	207.6	349.5	426.2	568.3	752.8	961.8	1147.0	1364.9	1909.7	3482.1	6454.0
7.5°	230.3	383.7	460.2	615.5	809.4	1032.4	1213.4	1434.4	2069.4	3788.7	7058.0
5°	247.5	401.2	471.4	636.7	846.6	1083.8	1264.8	1490.1	2198.1	3938.6	7475.5
2.5°	260.6	414.9	480.5	649.4	869.2	1107.8	1280.2	1511.1	2251.3	4029.3	7764.7
0°	269.4	424.8	487.7	656.8	885.0	1122.9	1288.1	1522.1	2259.6	4055.1	7905.7
-2.5°	284.2	432.6	502.4	670.1	893.3	1127.7	1294.7	1530.7	2292.6	4176.3	8121.2
-5°	295.0	437.1	514.9	678.3	894.5	1124.3	1294.7	1528.7	2273.5	4134.2	7849.3
-7.5°	302.3	439.1	524.8	681.0	882.6	1099.6	1268.4	1485.1	2154.3	3868.3	7111.1
-10°	307.7	445.5	537.2	676.9	856.5	1059.6	1231.2	1432.2	2000.5	3494.8	6255.7
-12.5°	315.9	455.9	549.3	670.8	829.2	1013.7	1188.0	1370.8	1814.3	3013.7	5288.8
-15°	320.1	464.5	560.6	663.7	802.3	962.7	1139.1	1301.5	1605.4	2433.2	4215.4
-17.5°	320.2	471.7	571.2	656.6	777.5	907.3	1090.1	1251.3	1458.2	2076.2	3467.1
-20°	316.2	477.7	581.6	650.1	756.9	873.0	1050.1	1215.8	1398.1	1808.9	2724.8



REPORT NUMBER: P1305701 (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°	308.0	482.9	588.3	655.3	749.4	858.7	1004.4	1173.5	1335.6	1523.3	2158.0
-25°	302.7	470.0	589.1	660.5	741.5	843.5	955.1	1123.6	1277.2	1458.0	1859.5
-27.5°	299.1	452.2	578.4	661.8	731.7	828.6	926.7	1065.0	1232.5	1400.5	1584.1
-30°	289.8	419.9	563.4	655.7	727.7	815.0	907.4	1011.6	1181.2	1344.0	1513.1
-32.5°	271.4	386.0	530.2	635.9	721.2	799.9	887.8	981.6	1115.8	1283.8	1439.1
-35°	250.1	359.7	489.2	611.2	708.5	784.9	865.3	953.9	1052.7	1205.3	1378.0
-37.5°	230.2	329.1	447.2	574.6	676.7	769.4	839.4	923.4	1015.3	1120.4	1292.9
-40°	206.7	294.3	407.7	527.7	642.2	743.8	822.7	890.0	974.9	1081.9	1188.9
-42.5°	180.5	264.3	365.2	479.5	592.8	701.1	803.3	869.0	944.0	1043.8	1146.2
-45°	158.9	230.2	319.6	425.5	534.6	647.5	751.3	854.0	925.8	1005.8	1103.1
-47.5°	134.7	195.1	276.9	367.2	471.2	578.5	689.7	796.2	905.9	982.6	1058.8
-50°	111.5	165.1	229.5	312.5	403.1	504.3	608.9	725.9	836.3	943.2	1031.7
-52.5°	96.8	132.4	190.2	257.2	337.8	425.8	525.7	633.7	747.6	861.1	958.3
-55°	81.1	111.0	150.8	208.0	273.9	351.2	436.9	536.0	639.2	747.8	850.7
-57.5°	65.9	91.7	121.2	161.3	217.0	277.9	352.3	433.9	526.5	622.7	708.7
-60°	50.5	72.5	97.8	126.9	162.2	214.4	267.9	335.3	412.3	490.0	565.0
-62.5°	35.9	53.8	75.0	98.9	126.8	155.1	197.7	247.0	298.1	361.1	423.3
-65°	28.7	37.2	52.9	72.9	94.2	118.6	144.0	169.9	211.6	253.3	293.1
-67.5°	21.2	28.7	36.6	47.1	65.3	83.5	103.2	125.8	148.6	169.8	195.2
-70°	18.0	20.7	26.7	34.0	41.1	49.7	65.5	82.6	100.1	116.8	134.6
-72.5°	15.5	18.0	20.5	22.9	28.5	33.9	38.9	43.4	53.5	67.4	80.9
-75°	13.3	15.3	17.5	19.8	21.6	23.3	25.5	29.7	33.9	38.0	41.7
-77.5°	11.2	12.6	14.3	16.3	17.9	19.0	20.3	21.7	23.6	25.7	27.9
-80°	9.2	9.8	10.8	12.0	13.4	14.7	15.7	16.6	17.7	19.1	20.7
-82.5°	7.4	7.8	8.3	8.7	9.5	10.4	11.4	12.5	13.1	13.8	14.6
-85°	5.7	5.9	6.2	6.5	6.8	7.3	7.8	8.3	8.9	9.5	10.0
-87.5°	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.7	6.2	6.7
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.4	7.9	7.9	7.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.9	2.8	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	3.9	3.6	3.4	3.3	3.2	3.0	2.8	2.4	2.0	2.0	2.0
77.5°	3.9	3.9	3.9	3.9	3.9	3.5	3.0	2.6	2.1	2.0	2.0
75°	3.9	4.0	4.3	4.3	4.0	3.7	3.6	3.5	3.5	3.3	2.9
72.5°	7.1	7.0	6.6	6.6	6.3	6.3	6.3	6.1	5.6	5.5	5.6
70°	12.5	12.9	12.9	12.4	11.3	10.1	9.3	8.5	7.7	7.2	6.9
67.5°	19.4	19.5	18.5	16.7	13.9	11.5	10.4	9.4	8.4	8.1	8.5
65°	26.9	24.5	21.5	18.3	14.9	11.6	10.8	10.1	9.5	9.6	10.3
62.5°	33.2	26.8	21.5	17.8	14.6	11.6	10.7	9.8	9.0	8.5	8.4
60°	36.7	26.9	19.4	16.0	13.0	10.2	9.1	8.5	8.1	7.9	7.9
57.5°	36.7	25.4	16.9	13.8	11.1	8.8	7.9	7.9	7.9	7.9	7.9
55°	32.7	22.2	14.5	11.9	10.2	8.7	8.0	8.2	8.2	7.9	8.3
52.5°	25.6	18.4	13.5	11.1	10.4	9.9	9.7	9.6	9.4	9.1	9.4
50°	20.4	15.3	13.0	11.6	11.6	11.6	11.6	11.8	12.0	12.2	12.3
47.5°	17.0	14.3	14.6	13.5	14.0	15.2	15.4	15.6	16.2	16.3	16.0
45°	17.4	20.3	20.9	20.6	20.2	23.1	22.9	21.0	23.5	24.3	23.7
42.5°	28.9	31.3	32.9	34.4	36.2	38.3	39.5	38.8	41.1	41.0	38.4
40°	48.8	46.5	50.3	54.8	58.8	60.2	64.0	67.8	69.3	68.5	65.9
37.5°	80.1	76.7	77.0	87.0	96.2	85.3	101.4	107.7	103.7	118.0	120.9
35°	133.1	147.2	126.9	162.7	180.6	171.8	191.0	228.9	199.5	253.2	266.3
32.5°	236.7	270.5	291.7	322.0	366.5	425.1	439.9	533.2	563.2	606.4	653.0
30°	386.8	482.3	658.2	691.0	733.4	935.3	990.8	1041.6	1147.9	1229.8	1369.1
27.5°	702.8	960.3	1328.3	1652.1	1628.4	1969.9	2350.0	1924.4	2555.9	2302.6	2908.3
25°	1316.0	1883.9	2771.0	3629.2	4038.8	4734.8	5605.1	5440.3	6588.7	6668.4	8362.2
22.5°	2503.1	3736.9	5093.2	6552.1	7967.5	9533.9	11039.0	12616.8	14989.1	18266.8	21452.4
20°	4095.4	5909.4	8100.0	10359.0	12754.6	15190.6	18020.8	22813.5	27727.5	34548.7	39367.6
17.5°	5820.8	8707.9	11397.0	14195.9	17545.0	21594.1	27448.4	35637.7	45570.8	55767.4	63655.4
15°	7327.9	10594.0	14470.1	18201.6	22366.1	28444.1	37638.8	49768.8	64540.6	80041.5	98785.9
12.5°	8786.2	12197.8	16410.0	21129.8	26789.0	35488.3	47406.8	63799.3	83368.4	106661.5	130736.4
10°	9917.8	13661.2	18349.4	23664.7	30572.0	41256.5	55106.6	74460.1	103458.5	130955.9	158447.8
7.5°	10802.2	15013.3	19979.3	25557.8	33600.5	45631.2	62201.8	86564.2	117203.5	146954.8	172276.8
5°	11588.2	16125.1	21083.6	26624.8	35780.6	48814.2	66658.4	94481.4	127177.5	156417.3	180513.3
2.5°	12207.4	16852.0	21690.2	27159.2	37184.1	50571.3	69008.7	98730.2	133606.6	162474.0	185482.4
0°	12582.3	16981.6	21791.9	27272.8	37290.6	51367.5	70842.7	100589.4	135899.7	165437.9	188067.6
-2.5°	12448.0	16691.3	21462.1	26939.2	36938.9	50621.4	69367.5	99647.4	133956.5	161592.3	184351.8
-5°	11778.8	15741.3	20171.4	25324.7	34605.7	47787.0	65185.7	92797.6	125046.7	152635.7	174052.4
-7.5°	10723.8	14413.7	18480.9	23251.7	31277.5	43188.6	59043.4	82540.9	111816.9	137273.0	156600.4
-10°	9543.6	12874.6	16398.6	20624.1	26897.6	37008.0	50248.0	68190.0	93298.3	116186.4	134460.7
-12.5°	8125.0	10896.3	13858.5	17502.6	22257.5	30499.9	41631.6	56186.2	73643.9	94011.2	110648.2
-15°	6650.6	8980.5	11432.4	14850.4	18905.8	24156.2	32157.7	43728.5	56687.0	70598.2	85693.2
-17.5°	5340.6	7313.2	9912.9	12791.8	15882.6	19536.3	26152.1	34037.7	43415.9	53338.4	62448.5
-20°	4290.2	6382.2	8717.7	11221.4	14061.3	17574.7	21638.8	27629.8	34584.4	42201.4	49499.4



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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°	3529.2	5405.3	7574.1	9922.5	12795.7	15958.5	19249.9	23009.8	28000.7	33856.7	39463.2
-25°	2687.9	4255.8	6359.6	8728.1	11374.9	14164.0	16835.7	19900.7	23549.3	27359.6	31285.4
-27.5°	2130.6	3237.3	4964.8	7189.0	9638.0	11821.8	14110.8	16662.9	19853.6	23168.7	25353.0
-30°	1739.0	2387.0	3683.6	5421.4	7468.2	9395.4	11274.8	13568.5	16073.3	18452.5	20383.5
-32.5°	1624.5	1914.4	2585.4	3823.8	5361.1	7081.2	8768.4	10815.9	12759.9	14642.7	16303.0
-35°	1543.7	1729.0	1982.1	2628.2	3554.2	4952.1	6493.6	8226.2	9980.8	11501.8	12909.9
-37.5°	1468.4	1629.2	1796.8	1963.5	2484.8	3124.5	4210.2	5580.6	6911.6	8142.4	9354.5
-40°	1360.9	1537.2	1672.5	1815.1	1970.2	2146.3	2714.4	3274.3	3925.9	4869.8	5696.7
-42.5°	1246.9	1393.8	1548.0	1681.4	1811.1	1946.5	2089.7	2232.0	2529.8	2900.2	3203.5
-45°	1199.4	1287.7	1393.6	1532.9	1663.2	1784.8	1901.4	2014.0	2133.1	2241.7	2330.5
-47.5°	1142.3	1222.8	1308.4	1399.3	1494.9	1612.3	1727.6	1842.3	1946.4	2043.2	2120.5
-50°	1089.7	1152.8	1229.5	1306.7	1383.2	1461.9	1541.5	1630.0	1729.5	1827.5	1908.1
-52.5°	1046.7	1104.5	1159.3	1214.1	1280.6	1347.3	1414.1	1484.7	1552.6	1616.9	1667.0
-55°	942.1	1023.6	1103.7	1155.5	1200.3	1245.7	1296.3	1359.5	1419.7	1476.8	1510.4
-57.5°	799.8	894.1	980.7	1041.8	1104.3	1167.6	1219.9	1265.0	1310.6	1354.1	1377.8
-60°	641.5	719.0	797.5	870.2	939.8	1005.4	1066.3	1125.5	1180.4	1226.6	1254.6
-62.5°	484.8	549.2	612.9	673.7	732.3	789.3	854.2	916.7	976.2	1024.8	1054.7
-65°	337.5	390.2	439.6	487.0	532.4	581.0	631.4	680.5	727.6	765.0	789.5
-67.5°	229.5	262.0	291.5	319.7	354.2	391.6	428.6	463.0	494.6	518.8	536.0
-70°	152.5	169.9	185.4	203.7	226.2	249.0	271.9	293.1	312.5	327.0	337.9
-72.5°	93.9	105.9	117.1	129.3	140.9	152.8	165.3	177.5	189.3	197.7	204.2
-75°	45.2	50.7	60.6	69.7	77.8	85.4	92.3	98.3	103.5	106.8	109.0
-77.5°	30.8	33.3	35.7	38.2	40.7	43.8	46.9	49.9	52.7	54.9	56.9
-80°	22.3	23.6	24.7	25.7	26.5	27.8	29.2	30.6	32.0	32.5	32.9
-82.5°	15.4	16.4	17.4	18.4	19.4	20.3	21.1	22.0	22.8	23.5	24.2
-85°	10.4	10.9	11.5	12.1	12.7	13.4	14.0	14.7	15.3	15.4	15.5
-87.5°	7.2	7.4	7.5	7.6	7.7	8.2	8.7	9.2	9.7	9.8	9.8
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0



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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°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.4
87.5°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6
75°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	2.9	3.3	3.5	3.5
72.5°	5.7	5.8	4.9	3.9	4.9	5.8	5.7	5.6	5.5	5.6	6.1
70°	6.5	6.0	5.9	5.9	5.9	6.0	6.5	6.9	7.2	7.7	8.5
67.5°	9.0	9.6	9.8	9.8	9.8	9.6	9.0	8.5	8.1	8.4	9.4
65°	11.0	11.6	10.9	9.8	10.9	11.6	11.0	10.3	9.6	9.5	10.1
62.5°	8.2	8.1	7.9	7.9	7.9	8.1	8.2	8.4	8.5	9.0	9.8
60°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.1	8.5
57.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
55°	8.9	9.5	9.8	9.8	9.8	9.5	8.9	8.3	7.9	8.2	8.2
52.5°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.4	9.1	9.4	9.6
50°	12.3	11.9	11.8	11.8	11.8	11.9	12.3	12.3	12.2	12.0	11.8
47.5°	15.3	14.3	13.8	13.8	13.8	14.3	15.3	16.0	16.3	16.2	15.6
45°	23.8	23.5	23.4	23.6	23.4	23.5	23.8	23.7	24.3	23.5	21.0
42.5°	39.9	40.5	39.9	37.4	39.9	40.5	39.9	38.4	41.0	41.1	38.8
40°	66.0	63.4	60.0	59.0	60.0	63.4	66.0	65.9	68.5	69.3	67.8
37.5°	122.4	122.3	119.5	118.0	119.5	122.3	122.4	120.9	118.0	103.7	107.7
35°	257.4	255.4	241.4	228.1	241.4	255.4	257.4	266.3	253.2	199.5	228.9
32.5°	668.7	704.2	700.9	680.4	700.9	704.2	668.7	653.0	606.4	563.2	533.2
30°	1422.6	1486.1	1472.8	1388.4	1472.8	1486.1	1422.6	1369.1	1229.8	1147.9	1041.6
27.5°	2940.4	3089.0	3220.0	3048.2	3220.0	3089.0	2940.4	2908.3	2302.6	2555.9	1924.4
25°	10058.0	11025.2	11597.5	10708.1	11597.5	11025.2	10058.0	8362.2	6668.4	6588.7	5440.3
22.5°	24004.3	25209.8	25853.0	26220.6	25853.0	25209.8	24004.3	21452.4	18266.8	14989.1	12616.8
20°	44032.2	46609.7	48260.8	44934.8	48260.8	46609.7	44032.2	39367.6	34548.7	27727.5	22813.5
17.5°	74598.1	84104.1	89109.1	91828.2	89109.1	84104.1	74598.1	63655.4	55767.4	45570.8	35637.7
15°	113251.7	125414.5	133628.0	136843.6	133628.0	125414.5	113251.7	98785.9	80041.5	64540.6	49768.8
12.5°	149799.1	162349.3	169927.5	171832.4	169927.5	162349.3	149799.1	130736.4	106661.5	83368.4	63799.3
10°	175794.2	187619.4	196336.8	199397.1	196336.8	187619.4	175794.2	158447.8	130955.9	103458.5	74460.1
7.5°	190265.7	204088.6	211771.8	213684.5	211771.8	204088.6	190265.7	172276.8	146954.8	117203.5	86564.2
5°	198594.4	211083.5	219482.3	220500.7	219482.3	211083.5	198594.4	180513.3	156417.3	127177.5	94481.4
2.5°	203964.5	216178.6	223245.0	225321.8	223245.0	216178.6	203964.5	185482.4	162474.0	133606.6	98730.2
0°	205282.2	216512.4	225049.4	227706.3	225049.4	216512.4	205282.2	188067.6	165437.9	135899.7	100589.4
-2.5°	201292.3	212126.0	217812.7	218734.7	217812.7	212126.0	201292.3	184351.8	161592.3	133956.5	99647.4
-5°	191103.2	199115.6	205680.4	206520.1	205680.4	199115.6	191103.2	174052.4	152635.7	125046.7	92797.6
-7.5°	169460.1	178448.0	182079.0	183061.6	182079.0	178448.0	169460.1	156600.4	137273.0	111816.9	82540.9
-10°	146432.0	154132.0	156704.2	158092.7	156704.2	154132.0	146432.0	134460.7	116186.4	93298.3	68190.0
-12.5°	123887.5	131416.8	133946.8	135956.7	133946.8	131416.8	123887.5	110648.2	94011.2	73643.9	56186.2
-15°	98628.1	106042.5	110130.1	112392.9	110130.1	106042.5	98628.1	85693.2	70598.2	56687.0	43728.5
-17.5°	74010.3	81051.8	85809.3	88577.5	85809.3	81051.8	74010.3	62448.5	53338.4	43415.9	34037.7
-20°	56117.4	60883.0	64544.2	66716.8	64544.2	60883.0	56117.4	49499.4	42201.4	34584.4	27629.8



REPORT NUMBER: P1305701 (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°	43836.0	47136.7	49257.7	50645.8	49257.7	47136.7	43836.0	39463.2	33856.7	28000.7	23009.8
-25°	34260.5	36426.7	37798.3	38920.9	37798.3	36426.7	34260.5	31285.4	27359.6	23549.3	19900.7
-27.5°	27127.1	28288.5	28894.8	29719.2	28894.8	28288.5	27127.1	25353.0	23168.7	19853.6	16662.9
-30°	21807.4	22698.7	23180.5	23359.2	23180.5	22698.7	21807.4	20383.5	18452.5	16073.3	13568.5
-32.5°	17551.3	18393.2	19001.2	19286.4	19001.2	18393.2	17551.3	16303.0	14642.7	12759.9	10815.9
-35°	14002.6	14704.9	15184.2	15447.6	15184.2	14704.9	14002.6	12909.9	11501.8	9980.8	8226.2
-37.5°	10358.2	11128.9	11656.5	11836.9	11656.5	11128.9	10358.2	9354.5	8142.4	6911.6	5580.6
-40°	6355.1	6846.1	7162.9	7296.1	7162.9	6846.1	6355.1	5696.7	4869.8	3925.9	3274.3
-42.5°	3440.0	3620.2	3745.3	3817.2	3745.3	3620.2	3440.0	3203.5	2900.2	2529.8	2232.0
-45°	2387.9	2433.5	2462.4	2474.0	2462.4	2433.5	2387.9	2330.5	2241.7	2133.1	2014.0
-47.5°	2177.0	2226.2	2252.4	2253.7	2252.4	2226.2	2177.0	2120.5	2043.2	1946.4	1842.3
-50°	1971.8	2025.4	2052.5	2055.1	2052.5	2025.4	1971.8	1908.1	1827.5	1729.5	1630.0
-52.5°	1712.5	1755.1	1773.6	1771.9	1773.6	1755.1	1712.5	1667.0	1616.9	1552.6	1484.7
-55°	1539.5	1564.8	1576.1	1577.2	1576.1	1564.8	1539.5	1510.4	1476.8	1419.7	1359.5
-57.5°	1399.2	1417.9	1424.5	1423.8	1424.5	1417.9	1399.2	1377.8	1354.1	1310.6	1265.0
-60°	1279.0	1299.4	1305.1	1301.9	1305.1	1299.4	1279.0	1254.6	1226.6	1180.4	1125.5
-62.5°	1079.1	1097.8	1107.1	1109.2	1107.1	1097.8	1079.1	1054.7	1024.8	976.2	916.7
-65°	808.8	822.8	830.2	831.9	830.2	822.8	808.8	789.5	765.0	727.6	680.5
-67.5°	549.4	558.9	561.8	560.5	561.8	558.9	549.4	536.0	518.8	494.6	463.0
-70°	346.7	353.3	355.0	354.0	355.0	353.3	346.7	337.9	327.0	312.5	293.1
-72.5°	209.4	213.4	213.7	212.4	213.7	213.4	209.4	204.2	197.7	189.3	177.5
-75°	110.4	111.0	110.8	110.1	110.8	111.0	110.4	109.0	106.8	103.5	98.3
-77.5°	58.8	60.4	59.9	59.0	59.9	60.4	58.8	56.9	54.9	52.7	49.9
-80°	33.1	33.3	33.4	33.4	33.4	33.3	33.1	32.9	32.5	32.0	30.6
-82.5°	24.8	25.5	24.6	23.6	24.6	25.5	24.8	24.2	23.5	22.8	22.0
-85°	15.6	15.7	15.7	15.7	15.7	15.7	15.6	15.5	15.4	15.3	14.7
-87.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.2
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.9	3.9	3.9	3.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.3	2.6	2.8	2.9	2.7	2.6	2.4	2.2
80°	2.8	3.0	3.2	3.3	3.4	3.6	3.9	3.9	3.9	3.8	3.5
77.5°	3.0	3.5	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
75°	3.6	3.7	4.0	4.3	4.3	4.0	3.9	3.9	3.9	3.9	3.8
72.5°	6.3	6.3	6.3	6.6	6.6	7.0	7.1	6.8	6.0	4.8	3.9
70°	9.3	10.1	11.3	12.4	12.9	12.9	12.5	11.9	11.1	10.3	8.2
67.5°	10.4	11.5	13.9	16.7	18.5	19.5	19.4	18.3	17.2	16.1	13.0
65°	10.8	11.6	14.9	18.3	21.5	24.5	26.9	27.0	25.7	23.0	17.7
62.5°	10.7	11.6	14.6	17.8	21.5	26.8	33.2	36.0	36.2	31.6	24.5
60°	9.1	10.2	13.0	16.0	19.4	26.9	36.7	44.1	48.9	41.7	31.6
57.5°	7.9	8.8	11.1	13.8	16.9	25.4	36.7	49.5	57.7	48.0	38.8
55°	8.0	8.7	10.2	11.9	14.5	22.2	32.7	45.1	53.9	50.2	40.1
52.5°	9.7	9.9	10.4	11.1	13.5	18.4	25.6	37.2	43.3	41.5	37.7
50°	11.6	11.6	11.6	11.6	13.0	15.3	20.4	28.3	31.3	32.8	31.0
47.5°	15.4	15.2	14.0	13.5	14.6	14.3	17.0	20.5	24.3	24.7	24.8
45°	22.9	23.1	20.2	20.6	20.9	20.3	17.4	20.1	21.9	22.7	20.0
42.5°	39.5	38.3	36.2	34.4	32.9	31.3	28.9	27.5	25.5	24.4	24.3
40°	64.0	60.2	58.8	54.8	50.3	46.5	48.8	42.8	37.3	30.9	34.4
37.5°	101.4	85.3	96.2	87.0	77.0	76.7	80.1	70.6	55.3	59.5	57.5
35°	191.0	171.8	180.6	162.7	126.9	147.2	133.1	112.6	101.0	109.0	95.3
32.5°	439.9	425.1	366.5	322.0	291.7	270.5	236.7	181.6	189.3	184.7	157.7
30°	990.8	935.3	733.4	691.0	658.2	482.3	386.8	358.1	329.4	281.3	237.2
27.5°	2350.0	1969.9	1628.4	1652.1	1328.3	960.3	702.8	577.0	506.6	424.7	344.0
25°	5605.1	4734.8	4038.8	3629.2	2771.0	1883.9	1316.0	944.1	730.3	602.4	496.1
22.5°	11039.0	9533.9	7967.5	6552.1	5093.2	3736.9	2503.1	1424.3	976.9	804.7	674.9
20°	18020.8	15190.6	12754.6	10359.0	8100.0	5909.4	4095.4	2354.9	1373.5	1012.8	850.2
17.5°	27448.4	21594.1	17545.0	14195.9	11397.0	8707.9	5820.8	3379.7	1746.8	1214.5	1017.4
15°	37638.8	28444.1	22366.1	18201.6	14470.1	10594.0	7327.9	4352.3	2244.3	1480.9	1180.5
12.5°	47406.8	35488.3	26789.0	21129.8	16410.0	12197.8	8786.2	5589.8	2999.0	1721.4	1280.6
10°	55106.6	41256.5	30572.0	23664.7	18349.4	13661.2	9917.8	6454.0	3482.1	1909.7	1364.9
7.5°	62201.8	45631.2	33600.5	25557.8	19979.3	15013.3	10802.2	7058.0	3788.7	2069.4	1434.4
5°	66658.4	48814.2	35780.6	26624.8	21083.6	16125.1	11588.2	7475.5	3938.6	2198.1	1490.1
2.5°	69008.7	50571.3	37184.1	27159.2	21690.2	16852.0	12207.4	7764.7	4029.3	2251.3	1511.1
0°	70842.7	51367.5	37290.6	27272.8	21791.9	16981.6	12582.3	7905.7	4055.1	2259.6	1522.1
-2.5°	69367.5	50621.4	36938.9	26939.2	21462.1	16691.3	12448.0	8121.2	4176.3	2292.6	1530.7
-5°	65185.7	47787.0	34605.7	25324.7	20171.4	15741.3	11778.8	7849.3	4134.2	2273.5	1528.7
-7.5°	59043.4	43188.6	31277.5	23251.7	18480.9	14413.7	10723.8	7111.1	3868.3	2154.3	1485.1
-10°	50248.0	37008.0	26897.6	20624.1	16398.6	12874.6	9543.6	6255.7	3494.8	2000.5	1432.2
-12.5°	41631.6	30499.9	22257.5	17502.6	13858.5	10896.3	8125.0	5288.8	3013.7	1814.3	1370.8
-15°	32157.7	24156.2	18905.8	14850.4	11432.4	8980.5	6650.6	4215.4	2433.2	1605.4	1301.5
-17.5°	26152.1	19536.3	15882.6	12791.8	9912.9	7313.2	5340.6	3467.1	2076.2	1458.2	1251.3
-20°	21638.8	17574.7	14061.3	11221.4	8717.7	6382.2	4290.2	2724.8	1808.9	1398.1	1215.8



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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°	19249.9	15958.5	12795.7	9922.5	7574.1	5405.3	3529.2	2158.0	1523.3	1335.6	1173.5
-25°	16835.7	14164.0	11374.9	8728.1	6359.6	4255.8	2687.9	1859.5	1458.0	1277.2	1123.6
-27.5°	14110.8	11821.8	9638.0	7189.0	4964.8	3237.3	2130.6	1584.1	1400.5	1232.5	1065.0
-30°	11274.8	9395.4	7468.2	5421.4	3683.6	2387.0	1739.0	1513.1	1344.0	1181.2	1011.6
-32.5°	8768.4	7081.2	5361.1	3823.8	2585.4	1914.4	1624.5	1439.1	1283.8	1115.8	981.6
-35°	6493.6	4952.1	3554.2	2628.2	1982.1	1729.0	1543.7	1378.0	1205.3	1052.7	953.9
-37.5°	4210.2	3124.5	2484.8	1963.5	1796.8	1629.2	1468.4	1292.9	1120.4	1015.3	923.4
-40°	2714.4	2146.3	1970.2	1815.1	1672.5	1537.2	1360.9	1188.9	1081.9	974.9	890.0
-42.5°	2089.7	1946.5	1811.1	1681.4	1548.0	1393.8	1246.9	1146.2	1043.8	944.0	869.0
-45°	1901.4	1784.8	1663.2	1532.9	1393.6	1287.7	1199.4	1103.1	1005.8	925.8	854.0
-47.5°	1727.6	1612.3	1494.9	1399.3	1308.4	1222.8	1142.3	1058.8	982.6	905.9	796.2
-50°	1541.5	1461.9	1383.2	1306.7	1229.5	1152.8	1089.7	1031.7	943.2	836.3	725.9
-52.5°	1414.1	1347.3	1280.6	1214.1	1159.3	1104.5	1046.7	958.3	861.1	747.6	633.7
-55°	1296.3	1245.7	1200.3	1155.5	1103.7	1023.6	942.1	850.7	747.8	639.2	536.0
-57.5°	1219.9	1167.6	1104.3	1041.8	980.7	894.1	799.8	708.7	622.7	526.5	433.9
-60°	1066.3	1005.4	939.8	870.2	797.5	719.0	641.5	565.0	490.0	412.3	335.3
-62.5°	854.2	789.3	732.3	673.7	612.9	549.2	484.8	423.3	361.1	298.1	247.0
-65°	631.4	581.0	532.4	487.0	439.6	390.2	337.5	293.1	253.3	211.6	169.9
-67.5°	428.6	391.6	354.2	319.7	291.5	262.0	229.5	195.2	169.8	148.6	125.8
-70°	271.9	249.0	226.2	203.7	185.4	169.9	152.5	134.6	116.8	100.1	82.6
-72.5°	165.3	152.8	140.9	129.3	117.1	105.9	93.9	80.9	67.4	53.5	43.4
-75°	92.3	85.4	77.8	69.7	60.6	50.7	45.2	41.7	38.0	33.9	29.7
-77.5°	46.9	43.8	40.7	38.2	35.7	33.3	30.8	27.9	25.7	23.6	21.7
-80°	29.2	27.8	26.5	25.7	24.7	23.6	22.3	20.7	19.1	17.7	16.6
-82.5°	21.1	20.3	19.4	18.4	17.4	16.4	15.4	14.6	13.8	13.1	12.5
-85°	14.0	13.4	12.7	12.1	11.5	10.9	10.4	10.0	9.5	8.9	8.3
-87.5°	8.7	8.2	7.7	7.6	7.5	7.4	7.2	6.7	6.2	5.7	5.3
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0
80°	2.9	2.5	2.2	2.0	2.1	2.0	2.0	2.0	2.3	2.4	2.3
77.5°	3.3	2.8	2.3	2.1	2.4	2.5	2.5	2.3	2.5	2.7	2.7
75°	3.3	2.8	2.3	2.2	2.6	3.1	3.2	3.0	3.0	3.1	3.2
72.5°	3.7	3.2	2.6	2.2	2.7	3.2	3.6	3.8	3.5	3.4	3.6
70°	6.0	4.3	3.6	3.1	3.0	3.2	3.7	3.9	3.9	3.7	3.7
67.5°	9.9	7.4	5.5	4.1	3.6	3.6	3.8	3.9	3.9	3.9	3.8
65°	14.1	10.7	7.7	5.7	4.4	3.8	3.9	3.9	3.9	3.9	3.9
62.5°	18.7	14.2	10.6	7.4	5.2	4.2	3.9	3.9	3.9	3.9	3.9
60°	23.5	17.7	13.5	9.8	6.6	4.4	3.9	3.9	3.9	3.9	3.9
57.5°	28.8	20.8	16.1	12.1	8.5	5.3	3.9	3.9	3.9	3.9	3.9
55°	32.2	24.3	18.7	14.1	10.2	6.7	4.5	3.9	3.9	3.9	3.9
52.5°	30.6	26.3	21.8	16.2	11.7	8.3	6.0	3.9	3.9	3.9	3.9
50°	26.6	26.0	23.4	18.6	13.1	10.0	7.5	5.1	3.9	3.9	3.9
47.5°	23.9	24.8	23.6	20.3	15.0	11.7	9.2	6.4	3.9	3.9	3.9
45°	22.7	23.1	23.4	20.9	17.3	13.9	10.9	7.7	5.0	4.0	3.9
42.5°	23.5	23.7	22.4	21.8	19.3	15.9	12.7	9.3	6.1	4.1	4.0
40°	31.8	26.5	22.8	23.4	21.7	17.8	14.4	11.0	7.2	4.6	4.1
37.5°	43.7	35.1	27.0	29.3	25.3	20.2	15.9	12.7	8.5	5.6	4.3
35°	73.2	49.0	45.3	42.9	33.6	23.0	17.2	14.2	10.0	6.6	4.6
32.5°	111.4	85.9	81.4	65.2	44.8	26.0	19.3	15.6	11.5	7.5	4.8
30°	184.3	161.9	129.5	93.4	61.8	36.5	22.6	17.3	12.9	8.4	5.3
27.5°	303.2	252.9	192.4	137.9	88.9	50.2	27.7	19.3	14.2	9.3	6.0
25°	433.6	363.6	280.0	193.5	119.8	78.0	33.6	21.6	15.7	10.4	6.7
22.5°	577.7	483.3	377.5	256.0	171.5	113.8	48.2	26.2	17.4	11.4	7.3
20°	727.9	608.1	478.1	320.5	230.5	158.4	74.2	31.3	19.2	12.3	7.9
17.5°	882.8	718.4	553.1	391.4	287.2	204.9	104.2	36.6	21.0	13.2	8.4
15°	987.7	804.0	624.1	456.4	338.4	252.8	137.2	42.1	22.9	14.0	9.1
12.5°	1071.8	885.4	690.9	515.3	384.6	301.3	172.1	47.7	24.8	15.2	9.9
10°	1147.0	961.8	752.8	568.3	426.2	349.5	207.6	53.5	28.1	17.0	10.8
7.5°	1213.4	1032.4	809.4	615.5	460.2	383.7	230.3	59.6	31.6	18.8	11.6
5°	1264.8	1083.8	846.6	636.7	471.4	401.2	247.5	65.2	35.0	20.5	12.4
2.5°	1280.2	1107.8	869.2	649.4	480.5	414.9	260.6	70.2	38.3	22.1	13.1
0°	1288.1	1122.9	885.0	656.8	487.7	424.8	269.4	74.7	41.3	23.6	13.8
-2.5°	1294.7	1127.7	893.3	670.1	502.4	432.6	284.2	96.3	55.7	31.7	17.5
-5°	1294.7	1124.3	894.5	678.3	514.9	437.1	295.0	116.8	69.6	39.5	21.0
-7.5°	1268.4	1099.6	882.6	681.0	524.8	439.1	302.3	135.9	82.4	46.7	24.3
-10°	1231.2	1059.6	856.5	676.9	537.2	445.5	307.7	153.1	94.0	53.1	27.3
-12.5°	1188.0	1013.7	829.2	670.8	549.3	455.9	315.9	168.4	103.9	58.5	29.9
-15°	1139.1	962.7	802.3	663.7	560.6	464.5	320.1	180.9	111.5	63.0	32.1
-17.5°	1090.1	907.3	777.5	656.6	571.2	471.7	320.2	190.2	117.3	66.4	34.2
-20°	1050.1	873.0	756.9	650.1	581.6	477.7	316.2	195.8	120.9	68.5	36.0



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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°	1004.4	858.7	749.4	655.3	588.3	482.9	308.0	197.5	122.2	69.3	37.2
-25°	955.1	843.5	741.5	660.5	589.1	470.0	302.7	195.1	121.0	68.5	37.7
-27.5°	926.7	828.6	731.7	661.8	578.4	452.2	299.1	193.4	118.3	66.3	37.5
-30°	907.4	815.0	727.7	655.7	563.4	419.9	289.8	188.4	115.5	64.7	36.5
-32.5°	887.8	799.9	721.2	635.9	530.2	386.0	271.4	179.9	110.6	63.5	35.7
-35°	865.3	784.9	708.5	611.2	489.2	359.7	250.1	167.9	103.4	61.1	34.5
-37.5°	839.4	769.4	676.7	574.6	447.2	329.1	230.2	153.0	93.9	57.6	32.7
-40°	822.7	743.8	642.2	527.7	407.7	294.3	206.7	138.0	87.1	53.0	30.2
-42.5°	803.3	701.1	592.8	479.5	365.2	264.3	180.5	120.8	79.5	48.8	27.0
-45°	751.3	647.5	534.6	425.5	319.6	230.2	158.9	102.8	70.7	44.3	24.0
-47.5°	689.7	578.5	471.2	367.2	276.9	195.1	134.7	91.9	61.1	39.0	21.8
-50°	608.9	504.3	403.1	312.5	229.5	165.1	111.5	79.9	53.2	32.2	19.2
-52.5°	525.7	425.8	337.8	257.2	190.2	132.4	96.8	67.2	44.4	27.3	16.3
-55°	436.9	351.2	273.9	208.0	150.8	111.0	81.1	56.0	34.8	23.2	13.3
-57.5°	352.3	277.9	217.0	161.3	121.2	91.7	65.9	43.7	28.7	18.8	12.6
-60°	267.9	214.4	162.2	126.9	97.8	72.5	50.5	33.0	23.5	15.0	11.8
-62.5°	197.7	155.1	126.8	98.9	75.0	53.8	35.9	26.8	18.0	13.8	10.8
-65°	144.0	118.6	94.2	72.9	52.9	37.2	28.7	20.5	15.7	12.6	9.9
-67.5°	103.2	83.5	65.3	47.1	36.6	28.7	21.2	17.2	14.1	11.3	8.9
-70°	65.5	49.7	41.1	34.0	26.7	20.7	18.0	15.1	12.4	10.1	7.9
-72.5°	38.9	33.9	28.5	22.9	20.5	18.0	15.5	13.1	11.0	8.9	6.9
-75°	25.5	23.3	21.6	19.8	17.5	15.3	13.3	11.6	9.6	7.7	6.1
-77.5°	20.3	19.0	17.9	16.3	14.3	12.6	11.2	10.0	8.3	6.8	5.5
-80°	15.7	14.7	13.4	12.0	10.8	9.8	9.2	8.5	7.1	5.9	4.8
-82.5°	11.4	10.4	9.5	8.7	8.3	7.8	7.4	6.9	5.9	4.9	4.3
-85°	7.8	7.3	6.8	6.5	6.2	5.9	5.7	5.6	5.0	4.6	4.2
-87.5°	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.5	4.2	4.0
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	2.0	2.1	2.2	2.2	2.2	3.0	3.9
85°	2.0	2.2	2.3	2.4	2.3	3.0	3.9
82.5°	2.0	2.3	2.5	2.6	2.5	3.1	3.9
80°	2.1	2.4	2.7	2.8	2.7	3.1	3.9
77.5°	2.6	2.6	2.9	2.9	2.8	3.2	3.9
75°	3.1	2.9	3.0	3.1	3.0	3.2	3.9
72.5°	3.5	3.2	3.2	3.3	3.2	3.3	3.9
70°	3.9	3.5	3.4	3.5	3.3	3.3	3.9
67.5°	3.9	3.8	3.5	3.6	3.5	3.4	3.9
65°	3.9	3.9	3.7	3.6	3.6	3.4	3.9
62.5°	3.9	3.9	3.8	3.7	3.8	3.4	3.9
60°	3.9	3.9	3.9	3.8	3.9	3.5	3.9
57.5°	3.9	3.9	3.9	3.8	3.9	3.5	3.9
55°	3.9	3.9	3.9	3.8	3.9	3.6	3.9
52.5°	3.9	3.9	3.9	3.9	3.9	3.6	3.9
50°	3.9	3.9	3.9	3.9	3.9	3.6	3.9
47.5°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
45°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
42.5°	3.9	3.9	3.9	3.9	3.9	3.7	3.9
40°	3.9	3.9	3.9	3.9	3.9	3.8	3.9
37.5°	3.9	3.9	3.9	3.9	3.9	3.8	3.9
35°	3.9	3.9	3.9	3.9	3.9	3.8	3.9
32.5°	4.0	3.9	3.9	3.9	3.9	3.8	3.9
30°	4.2	3.9	3.9	3.9	3.9	3.8	3.9
27.5°	4.4	3.9	3.9	3.9	3.9	3.9	3.9
25°	4.6	3.9	3.9	3.9	3.9	3.9	3.9
22.5°	4.9	3.9	3.9	3.9	3.9	3.9	3.9
20°	5.1	4.1	3.9	3.9	3.9	3.9	3.9
17.5°	5.5	4.3	3.9	3.9	3.9	3.9	3.9
15°	5.9	4.5	3.9	3.9	3.9	3.9	3.9
12.5°	6.3	4.7	3.9	3.9	3.9	3.9	3.9
10°	6.6	4.9	3.9	3.9	3.9	3.9	3.9
7.5°	7.0	5.2	3.9	3.9	3.9	3.9	3.9
5°	7.3	5.4	3.9	3.9	3.9	3.9	3.9
2.5°	7.6	5.7	3.9	3.9	3.9	3.9	3.9
0°	7.9	5.9	3.9	3.9	3.9	3.9	3.9
-2.5°	9.7	6.5	4.1	3.9	3.9	3.9	3.9
-5°	11.5	7.2	4.2	3.9	3.9	3.9	3.9
-7.5°	13.1	7.7	4.4	3.9	3.9	3.9	3.9
-10°	14.6	8.2	4.6	3.9	3.9	3.9	3.9
-12.5°	16.0	8.6	4.7	3.9	3.9	3.9	3.9
-15°	17.1	9.0	4.8	3.9	3.9	3.9	3.9
-17.5°	17.9	9.2	4.9	3.9	3.9	3.9	3.9
-20°	18.7	9.4	4.9	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.4	9.4	5.0	3.9	3.9	3.9	3.9
-25°	19.7	9.5	5.0	3.9	3.9	3.9	3.9
-27.5°	19.6	9.4	4.9	3.9	3.9	3.9	3.9
-30°	19.1	9.3	4.8	3.9	3.9	3.9	3.9
-32.5°	18.1	8.9	4.9	3.9	3.9	3.9	3.9
-35°	17.4	8.4	4.9	3.9	3.9	3.9	3.9
-37.5°	16.7	7.9	4.9	3.9	3.9	3.9	3.9
-40°	15.7	7.9	4.9	3.9	3.9	3.9	3.9
-42.5°	14.5	7.8	4.9	3.9	3.9	3.9	3.9
-45°	12.9	7.7	5.0	4.0	3.9	3.9	3.9
-47.5°	11.1	7.5	5.0	4.0	3.9	3.9	3.9
-50°	10.6	7.2	5.0	4.0	3.9	3.9	3.9
-52.5°	10.2	6.9	5.0	4.1	3.9	3.9	3.9
-55°	9.7	6.7	4.9	4.1	3.9	3.9	3.9
-57.5°	9.2	6.5	4.8	4.1	3.9	3.9	3.9
-60°	8.6	6.2	4.6	4.0	3.9	3.9	3.9
-62.5°	8.0	5.8	4.6	4.0	3.9	3.9	3.9
-65°	7.4	5.4	4.5	4.0	3.9	3.9	3.9
-67.5°	6.6	5.1	4.3	4.0	3.9	3.9	3.9
-70°	5.8	4.8	4.2	3.9	3.9	3.9	3.9
-72.5°	5.4	4.6	4.1	3.9	3.9	3.9	3.9
-75°	4.9	4.3	3.9	3.9	3.9	3.9	3.9
-77.5°	4.4	4.0	3.9	3.9	3.9	3.9	3.9
-80°	4.0	3.9	3.9	3.9	3.9	3.9	3.9
-82.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-90°	2.0	2.0	2.0	2.0	2.0	3.0	3.9

(END OF REPORT)