

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: P1306039 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

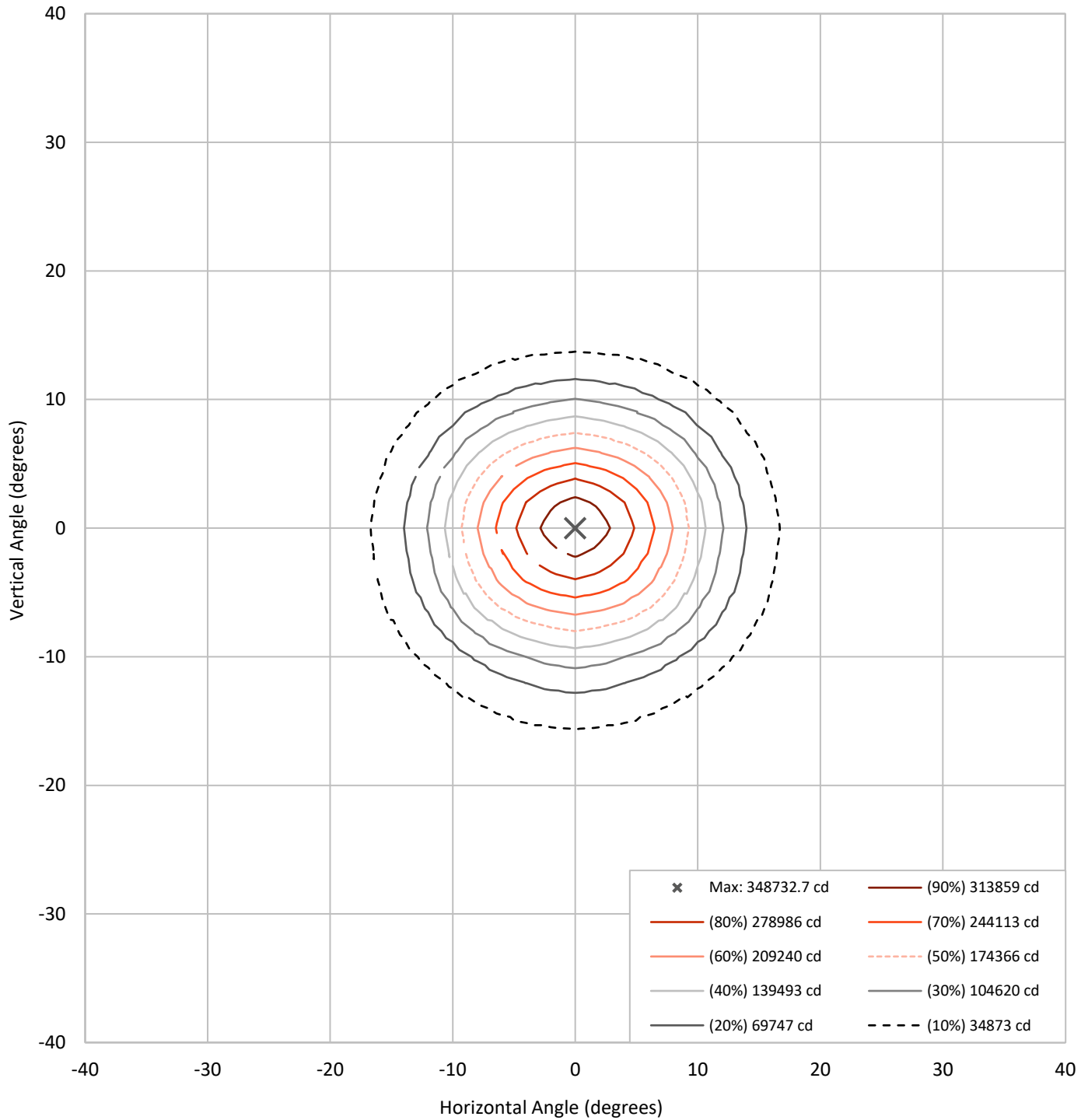
Test Method: LM-79-08
Report Number: P1306039 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 1S 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:	35853 lumens	Max Intensity:	348732.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	16535 lumens	Field Lumens:	30505.3 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	336		
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





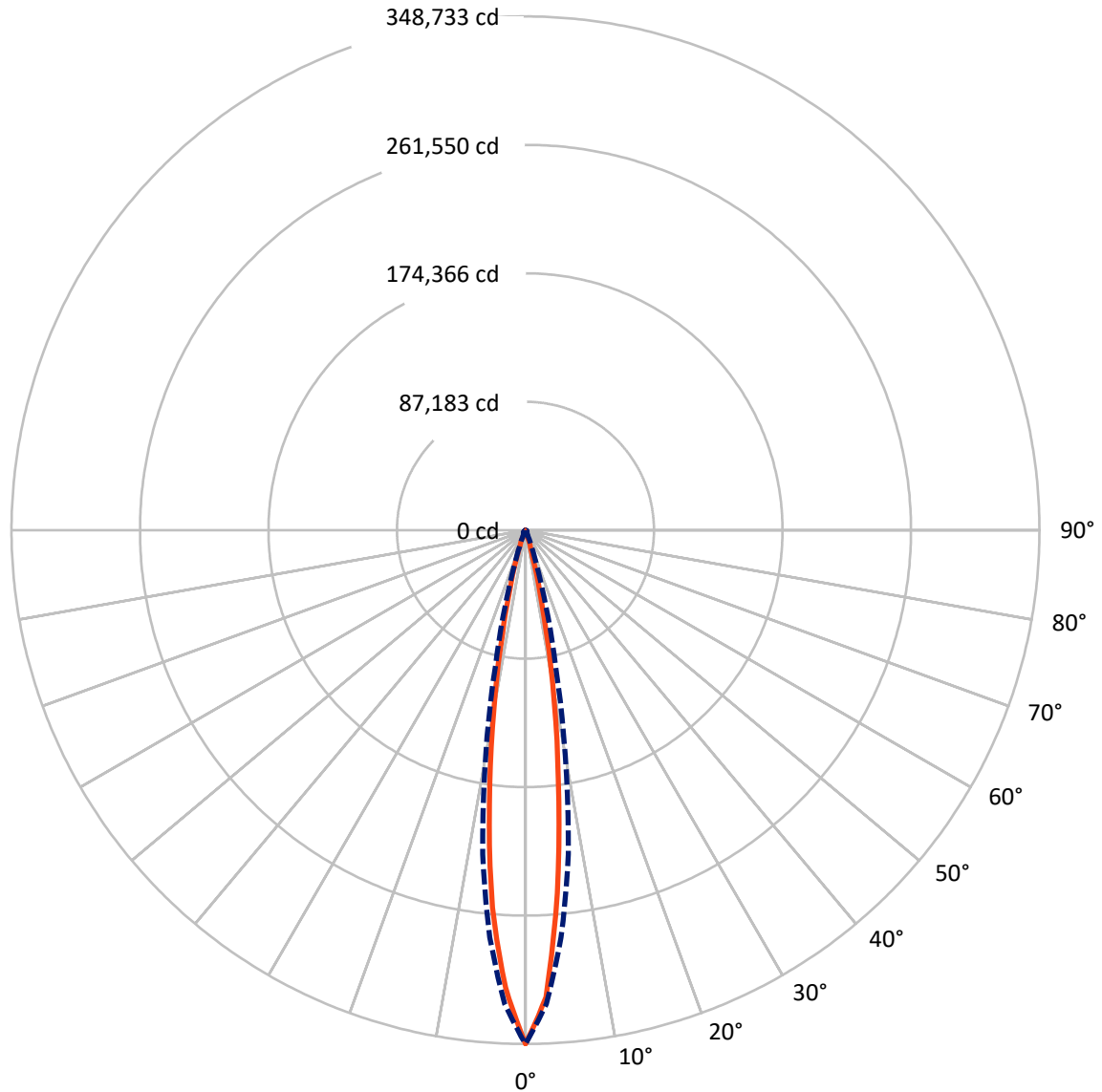
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Lumen Table

90	0.1	0.3		0.4		0.4		0.5		0.4		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.4		0.5		0.4		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.2	0.1	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.3	0.1	0.2			
40		0.2	0.4	0.5	1.0	1.3	1.4	1.6	1.6	1.4	1.3	1.0	0.5	0.4	0.2				
30	0.2	0.3	0.9	2.1	4.0	4.5	6.5	13.0	13.0	6.5	4.5	4.0	2.1	0.9	0.3	0.2			
20		0.7	2.9	9.8	18.2	24.2	179.7	748.7	748.7	179.7	24.2	18.2	9.8	2.9	0.7				
10	0.3	1.2	5.8	24.6	39.9	90.7	1318.8	5714.7	5714.7	1318.8	90.7	39.9	24.6	5.8	1.2	0.3			
0		1.5	6.7	28.3	46.7	92.9	1415.4	5973.1	5973.1	1415.4	92.9	46.7	28.3	6.7	1.5				
-10	0.3	1.5	5.9	21.4	38.6	42.5	301.8	1172.4	1172.4	301.8	42.5	38.6	21.4	5.9	1.5	0.3			
-20		1.5	5.1	12.0	31.1	35.9	39.6	77.2	77.2	39.6	35.9	31.1	12.0	5.1	1.5				
-30	0.3	1.3	4.3	7.6	19.0	35.9	42.0	42.4	42.4	42.0	35.9	19.0	7.6	4.3	1.3	0.3			
-40		0.9	3.2	6.6	10.3	18.1	30.6	40.2	40.2	30.6	18.1	10.3	6.6	3.2	0.9				
-50	0.2	0.4	1.8	4.3	7.7	10.6	12.6	14.0	14.0	12.6	10.6	7.7	4.3	1.8	0.4	0.2			
-60		0.2	0.6	1.7	3.4	5.3	7.0	8.3	8.3	7.0	5.3	3.4	1.7	0.6	0.2				
-70	0.1	0.6		1.6		3.8		6.3		3.8		1.6		0.6		0.1			
-80		0.6		1.6		3.8		6.3		3.8		1.6		0.6					
-90	0.1	0.6		1.6		3.8		6.3		3.8		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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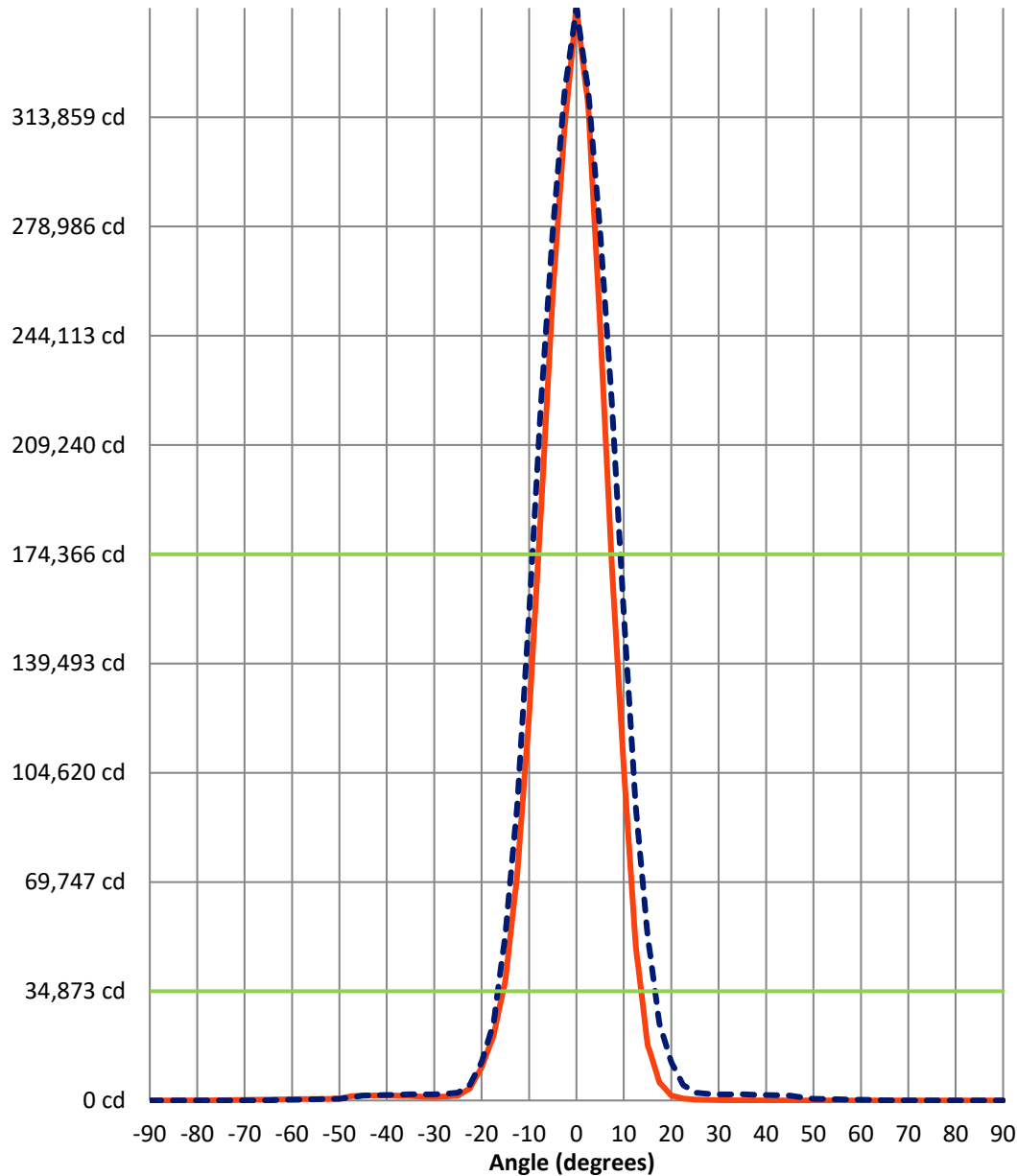
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 16535
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 30505.3
 Efficiency: 85.1%

Spill:
 Lumens: 5347.7
 Efficiency: 14.9%

— 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°	4.4	4.4	4.4	4.6	4.9	5.1	5.3	5.3	5.3	5.3	5.3
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.5	4.4	4.4	4.4	4.5	4.4
72.5°	4.4	4.4	4.4	4.4	4.6	4.7	4.5	4.5	4.6	4.6	4.5
70°	4.4	4.4	4.4	4.4	4.8	4.8	4.6	4.7	4.8	4.7	4.8
67.5°	4.4	4.4	4.4	4.6	4.9	5.0	4.8	4.9	5.0	5.1	5.2
65°	4.4	4.4	4.4	4.8	5.1	5.1	5.1	5.1	5.3	5.4	5.5
62.5°	4.4	4.4	4.4	5.0	5.3	5.4	5.4	5.4	5.6	5.8	5.6
60°	4.4	4.4	4.4	5.2	5.5	5.6	5.6	5.7	5.9	6.0	5.8
57.5°	4.4	4.4	4.5	5.3	5.7	5.8	5.9	6.0	6.2	6.2	6.2
55°	4.4	4.4	4.6	5.5	5.9	6.0	6.2	6.3	6.5	6.5	6.6
52.5°	4.4	4.4	4.7	5.7	6.1	6.2	6.6	6.7	6.7	6.9	7.0
50°	4.4	4.4	4.9	5.9	6.2	6.5	6.9	7.1	7.1	7.3	8.1
47.5°	4.4	4.4	4.9	6.1	6.4	6.8	7.3	7.6	7.4	7.6	9.2
45°	4.4	4.4	5.0	6.2	6.6	7.2	7.7	8.1	7.9	8.5	10.2
42.5°	4.4	4.4	5.1	6.4	6.7	7.5	8.2	8.6	8.6	9.4	11.3
40°	4.4	4.4	5.2	6.4	6.9	7.8	8.6	9.2	9.3	10.2	12.2
37.5°	4.4	4.4	5.2	6.5	7.2	8.1	9.1	9.8	10.3	11.3	13.0
35°	4.4	4.4	5.3	6.5	7.4	8.5	9.7	10.4	11.3	12.6	13.5
32.5°	4.4	4.4	5.3	6.5	7.7	8.9	10.2	11.1	12.3	14.0	15.0
30°	4.4	4.4	5.4	6.5	7.9	9.3	10.7	11.8	13.3	15.5	16.7
27.5°	4.4	4.4	5.4	6.5	8.0	9.7	11.3	12.7	14.3	17.1	18.6
25°	4.4	4.4	5.4	6.5	8.0	10.1	11.9	13.5	15.6	18.7	20.6
22.5°	4.4	4.4	5.5	6.5	8.0	10.4	12.5	14.2	17.0	20.4	23.8
20°	4.4	4.4	5.5	6.5	8.0	10.4	13.1	15.0	18.3	22.2	27.2
17.5°	4.4	4.4	5.5	6.5	7.9	10.3	13.2	15.7	19.7	24.0	30.8
15°	4.4	4.4	5.5	6.5	7.9	10.2	12.9	16.0	21.0	25.9	34.5
12.5°	4.4	4.4	5.4	6.4	7.8	10.1	12.6	15.8	21.6	27.7	38.3
10°	4.4	4.4	5.4	6.4	7.7	9.9	12.3	15.6	21.6	28.6	41.9
7.5°	4.4	4.4	5.4	6.4	7.5	9.7	11.9	15.3	21.4	29.3	45.2
5°	4.4	4.4	5.4	6.3	7.4	9.4	11.5	15.0	21.2	30.0	48.4
2.5°	4.4	4.4	5.3	6.3	7.3	9.2	11.1	14.6	20.8	30.6	51.4
0°	4.4	4.4	5.3	6.2	7.1	8.9	10.6	14.2	20.4	31.0	54.1
-2.5°	4.4	4.4	5.3	6.2	7.2	9.0	11.1	15.7	24.0	37.1	62.5
-5°	4.4	4.4	5.3	6.2	7.2	9.1	11.5	17.1	27.5	43.0	70.4
-7.5°	4.4	4.5	5.3	6.2	7.3	9.1	11.9	18.4	30.6	48.3	77.5
-10°	4.4	4.5	5.3	6.2	7.3	9.2	12.2	19.5	33.4	53.2	83.8
-12.5°	4.4	4.5	5.3	6.1	7.4	9.2	12.5	20.4	35.7	57.4	89.8
-15°	4.4	4.5	5.3	6.1	7.4	9.2	12.7	21.0	38.0	61.8	95.0
-17.5°	4.4	4.5	5.2	6.1	7.4	9.2	12.7	22.0	40.4	65.5	99.1
-20°	4.4	4.5	5.2	6.0	7.4	9.1	12.9	23.2	42.2	68.3	101.9



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 CATALOG NUMBER: EPH-08-320N-50-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	4.6	5.2	6.0	7.3	9.1	13.3	23.8	43.3	70.4	103.4
-25°	4.4	4.6	5.2	5.9	7.2	9.2	13.4	23.9	43.5	71.5	103.5
-27.5°	4.4	4.6	5.2	5.9	7.1	9.2	13.3	23.4	42.9	71.7	104.4
-30°	4.4	4.6	5.2	5.8	7.0	9.3	13.0	22.2	42.1	70.8	104.1
-32.5°	4.4	4.6	5.2	5.8	7.0	9.3	12.4	21.6	40.8	68.8	102.6
-35°	4.4	4.6	5.2	5.7	7.0	9.2	12.2	20.9	38.5	65.6	99.9
-37.5°	4.4	4.6	5.2	5.6	6.9	9.1	12.1	19.8	35.4	61.2	92.4
-40°	4.4	4.6	5.1	5.6	6.8	9.0	11.9	18.3	31.3	56.5	83.6
-42.5°	4.4	4.6	5.1	5.5	6.8	8.9	11.6	16.3	28.3	49.5	74.1
-45°	4.4	4.6	5.1	5.5	6.8	8.7	11.3	14.8	25.6	41.8	63.9
-47.5°	4.4	4.6	5.1	5.5	6.7	8.5	10.8	14.3	22.4	33.6	54.6
-50°	4.4	4.6	5.1	5.5	6.7	8.3	10.5	13.7	18.3	28.9	44.6
-52.5°	4.4	4.6	5.2	5.5	6.6	8.1	10.2	12.9	16.2	24.0	34.5
-55°	4.4	4.6	5.2	5.6	6.5	7.9	9.8	12.1	15.0	18.8	28.6
-57.5°	4.4	4.6	5.2	5.6	6.4	7.8	9.5	11.6	13.8	16.5	22.4
-60°	4.4	4.6	5.2	5.6	6.3	7.6	9.1	11.0	12.7	15.1	17.6
-62.5°	4.4	4.6	5.1	5.6	6.2	7.4	8.8	10.4	12.0	13.6	16.0
-65°	4.4	4.6	5.1	5.5	6.2	7.2	8.5	9.8	11.2	12.7	14.3
-67.5°	4.4	4.6	5.0	5.5	6.1	7.0	8.2	9.4	10.4	11.8	13.2
-70°	4.4	4.5	5.0	5.5	6.0	6.8	7.8	8.9	9.9	10.9	12.1
-72.5°	4.4	4.5	4.9	5.4	5.9	6.5	7.5	8.4	9.4	10.3	11.2
-75°	4.4	4.5	4.8	5.3	5.7	6.3	7.1	7.9	8.8	9.7	10.5
-77.5°	4.4	4.5	4.8	5.2	5.6	6.0	6.7	7.4	8.2	9.0	9.9
-80°	4.4	4.5	4.7	5.1	5.5	5.8	6.2	6.8	7.4	8.1	8.9
-82.5°	4.4	4.5	4.6	5.0	5.3	5.6	6.0	6.3	6.7	7.2	7.8
-85°	4.4	4.4	4.6	4.9	5.2	5.5	5.8	6.0	6.2	6.5	6.8
-87.5°	4.4	4.4	4.5	4.7	5.0	5.3	5.5	5.6	5.8	5.9	6.1
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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 CATALOG NUMBER: EPH-08-320N-50-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.3	5.3	5.3	5.3	5.5	5.8	6.0	6.2	6.2	6.2	6.2
87.5°	4.2	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7
85°	4.2	4.0	3.7	3.5	3.3	3.2	3.1	3.0	3.0	2.9	2.8
82.5°	4.2	4.0	3.7	3.5	3.5	3.5	3.5	3.5	3.3	3.1	2.9
80°	4.2	4.0	3.9	3.8	3.8	3.8	3.7	3.5	3.3	3.2	3.1
77.5°	4.3	4.2	4.2	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.7
75°	4.4	4.4	4.5	4.4	4.3	4.3	4.4	4.4	4.3	4.2	4.2
72.5°	4.5	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.9	5.8	6.5
70°	4.9	5.0	4.8	4.5	4.4	4.7	5.7	6.9	8.1	9.3	10.9
67.5°	5.2	5.0	4.8	4.8	5.5	6.6	8.0	11.3	15.2	16.9	17.5
65°	5.3	5.1	5.3	6.0	7.0	9.3	12.9	17.5	22.4	23.3	22.8
62.5°	5.3	5.5	6.2	7.4	9.3	12.5	17.0	22.1	27.8	27.9	24.3
60°	5.7	6.1	7.5	9.5	11.7	15.3	20.5	24.4	28.5	30.1	23.0
57.5°	6.2	7.1	9.2	11.7	14.6	17.1	19.9	23.7	25.4	25.3	18.7
55°	7.0	8.6	11.2	14.3	16.4	15.8	17.7	19.0	19.3	18.0	13.0
52.5°	8.4	10.3	13.5	16.2	16.6	14.9	13.9	14.5	13.7	11.6	10.1
50°	9.8	12.4	15.6	17.3	16.3	13.4	11.1	11.2	10.5	9.7	8.7
47.5°	11.3	14.3	17.3	18.1	15.0	12.8	10.7	10.0	9.5	9.1	8.3
45°	12.7	15.6	18.9	16.9	14.5	13.3	11.7	9.8	9.8	9.5	9.5
42.5°	13.9	16.7	18.0	15.9	15.5	14.6	13.2	11.4	10.7	11.1	11.4
40°	14.7	17.5	17.3	17.3	17.0	16.5	15.5	14.1	12.6	13.6	14.1
37.5°	15.2	17.4	17.9	19.8	19.2	19.0	18.3	18.5	17.5	16.9	19.1
35°	15.6	17.8	20.8	23.1	22.8	22.1	23.2	23.9	23.5	22.9	26.2
32.5°	16.0	18.7	24.5	27.0	28.0	27.5	28.9	30.3	31.7	33.5	38.9
30°	17.7	22.1	28.8	31.5	34.3	37.5	36.7	37.8	41.8	54.4	66.1
27.5°	21.1	26.6	33.0	37.4	42.4	49.8	51.4	49.4	61.5	81.6	102.6
25°	25.0	40.0	37.6	44.4	54.3	64.6	70.1	74.4	91.0	120.4	142.3
22.5°	32.6	57.7	57.4	52.2	67.9	81.7	95.0	124.4	166.2	179.6	183.9
20°	45.7	75.4	81.0	82.8	88.2	100.8	123.4	192.5	276.1	307.5	273.8
17.5°	61.0	94.9	107.1	120.6	137.1	140.8	160.0	274.5	412.8	460.1	460.3
15°	78.1	115.6	134.8	162.1	189.2	206.4	270.1	408.5	560.8	635.7	678.4
12.5°	96.5	137.4	163.8	206.5	243.9	274.0	413.2	633.8	775.5	840.8	965.6
10°	115.5	159.8	193.5	252.8	300.4	342.9	574.1	874.2	1012.2	1076.2	1218.8
7.5°	134.3	180.7	222.5	299.9	357.8	412.4	745.3	1122.6	1240.7	1297.8	1413.9
5°	152.4	199.2	245.5	335.7	403.1	469.3	900.7	1370.1	1462.0	1508.1	1573.6
2.5°	169.1	216.8	267.5	367.9	439.5	505.3	968.2	1478.7	1579.6	1648.7	1704.6
0°	183.6	233.3	288.3	397.4	473.7	538.5	1017.5	1568.4	1674.8	1757.3	1824.8
-2.5°	184.3	236.7	295.1	396.2	466.1	533.2	970.4	1548.1	1707.5	1831.3	1932.4
-5°	182.6	238.8	300.2	392.4	456.6	525.1	908.5	1499.5	1714.2	1846.0	1949.2
-7.5°	178.9	239.3	303.1	385.5	442.7	504.9	854.3	1400.2	1636.7	1749.6	1859.2
-10°	174.2	238.0	298.7	369.4	422.5	477.1	785.5	1284.7	1557.2	1654.2	1756.0
-12.5°	170.0	235.2	292.3	353.6	402.0	448.5	695.4	1157.7	1478.5	1563.0	1644.3
-15°	165.2	231.5	285.1	338.9	381.8	419.7	583.0	1023.4	1401.6	1496.4	1559.3
-17.5°	160.0	227.1	277.2	325.9	362.1	391.1	449.9	861.9	1273.5	1418.0	1491.6
-20°	154.9	222.0	269.0	315.5	343.6	370.9	410.3	697.4	1073.7	1323.4	1417.4



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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°	150.1	216.3	261.0	304.8	333.7	358.0	389.4	537.3	862.7	1216.5	1329.8
-25°	148.3	207.6	253.1	294.5	326.4	345.7	368.0	402.8	667.9	1004.1	1231.3
-27.5°	147.8	200.3	243.8	283.6	320.6	335.3	352.4	378.9	514.7	786.2	1109.9
-30°	145.5	189.9	233.6	272.2	309.5	329.4	340.2	361.1	397.5	606.1	871.7
-32.5°	138.7	178.8	221.5	260.0	296.3	325.9	334.1	351.8	378.6	438.3	653.7
-35°	130.3	168.3	208.3	246.9	282.7	315.7	334.1	344.5	362.4	390.9	487.7
-37.5°	122.4	157.1	194.7	232.5	267.5	300.8	333.0	342.2	354.2	374.5	411.4
-40°	113.1	145.1	181.3	217.2	251.1	284.0	315.7	342.6	349.8	370.3	396.1
-42.5°	102.6	133.5	167.4	201.0	232.7	265.0	296.9	327.0	355.2	369.2	389.1
-45°	91.0	120.4	152.8	182.9	212.5	244.1	275.2	306.5	342.8	375.5	388.9
-47.5°	78.5	106.1	136.3	163.4	191.0	220.3	251.4	284.4	321.0	357.2	394.6
-50°	65.6	91.1	117.4	143.0	168.3	195.2	223.9	258.5	293.5	329.7	366.0
-52.5°	53.8	75.2	98.7	122.2	145.5	169.1	196.6	227.9	261.6	296.3	328.6
-55°	41.3	60.4	79.5	101.2	123.0	144.0	168.3	196.6	225.7	257.7	286.9
-57.5°	32.1	45.4	61.9	79.7	99.8	120.1	142.2	164.8	190.8	217.6	241.8
-60°	24.8	33.4	45.4	60.4	75.8	95.0	115.7	136.4	157.3	177.1	197.7
-62.5°	18.2	25.1	32.7	42.3	55.6	69.9	87.6	106.5	125.6	142.3	157.4
-65°	16.4	18.3	23.6	30.3	36.6	49.2	62.6	75.9	92.3	107.0	120.7
-67.5°	14.6	16.3	18.0	20.6	26.5	33.1	40.0	51.6	63.3	73.5	83.6
-70°	13.3	14.3	15.8	17.3	18.9	21.9	27.7	33.6	39.7	46.7	55.6
-72.5°	12.1	13.1	14.0	14.9	16.3	17.9	19.6	21.4	24.9	29.6	34.5
-75°	11.2	11.8	12.6	13.4	14.3	15.3	16.4	17.9	19.2	20.4	21.5
-77.5°	10.4	10.8	11.4	12.0	12.6	13.4	14.2	15.1	15.9	16.8	17.8
-80°	9.4	9.8	10.1	10.5	11.0	11.5	12.0	12.6	13.1	13.6	14.1
-82.5°	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.4	10.5	10.7
-85°	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.2	8.1	8.0
-87.5°	6.1	6.2	6.3	6.3	6.5	6.6	6.7	6.8	6.7	6.5	6.4
-90°	4.2	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7



REPORT NUMBER: P1306039 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.2	6.2	6.2	6.2	6.2	8.6	11.1	13.5	16.0	22.0	27.9
87.5°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
85°	2.7	2.5	2.3	2.0	1.8	1.8	1.7	1.7	1.7	1.5	1.3
82.5°	2.7	2.6	2.5	2.5	2.5	2.3	2.2	2.0	1.8	1.6	1.4
80°	3.0	2.9	2.9	2.8	2.7	2.5	2.3	2.0	1.8	1.8	1.8
77.5°	3.6	3.5	3.3	3.1	2.8	2.6	2.6	2.5	2.5	2.4	2.2
75°	4.3	4.3	4.2	4.0	3.6	3.5	3.5	3.5	3.4	3.2	3.0
72.5°	7.0	7.1	6.8	6.6	6.0	5.8	5.9	5.8	5.6	5.6	5.5
70°	11.8	11.9	11.5	10.6	9.3	8.4	8.0	7.6	7.1	7.1	7.6
67.5°	17.0	15.8	14.6	13.1	11.2	9.8	9.1	8.3	7.5	7.1	6.9
65°	20.6	16.3	13.9	12.3	11.2	10.1	9.0	7.9	7.0	6.3	6.0
62.5°	19.6	13.9	11.4	10.3	9.4	8.6	7.5	6.4	5.5	4.9	4.9
60°	16.9	11.7	9.0	8.0	7.1	6.2	5.7	5.1	4.7	4.5	4.7
57.5°	13.2	9.2	7.0	6.7	6.2	5.6	5.2	5.1	4.8	4.4	4.7
55°	9.6	8.0	7.1	6.8	6.6	6.3	6.0	5.6	5.2	5.0	5.1
52.5°	8.3	7.9	7.8	7.7	7.2	6.7	6.2	6.1	6.0	5.9	6.0
50°	8.1	8.1	8.1	7.9	7.4	7.2	7.0	7.0	6.9	6.8	6.8
47.5°	8.3	8.5	8.4	8.0	7.9	8.1	8.0	7.9	8.1	8.2	8.3
45°	9.1	9.4	9.5	9.7	9.4	9.7	9.7	9.6	11.1	11.2	10.5
42.5°	11.1	12.3	13.2	12.8	11.7	14.0	17.5	19.1	17.5	15.2	13.7
40°	15.8	17.3	17.9	19.1	23.8	27.3	24.0	20.7	19.3	20.5	21.5
37.5°	22.1	24.1	29.7	36.8	34.2	27.8	28.5	28.8	28.2	30.0	30.3
35°	32.3	41.4	48.2	46.1	42.8	42.2	43.7	44.2	39.9	41.9	42.5
32.5°	51.7	62.8	63.4	60.5	62.1	62.4	66.8	63.8	60.2	62.0	66.9
30°	74.7	85.7	89.7	84.6	75.2	80.5	84.9	83.5	86.2	93.8	101.8
27.5°	110.6	117.7	124.3	114.0	95.4	103.6	106.8	103.6	121.2	130.7	149.6
25°	153.4	161.5	166.7	158.0	145.2	138.6	148.6	156.2	177.7	198.8	228.4
22.5°	200.0	221.7	227.9	205.5	205.4	205.4	209.3	234.9	264.0	310.4	388.3
20°	254.4	297.5	332.0	309.2	279.9	299.7	324.1	355.6	438.4	649.0	888.5
17.5°	447.0	416.8	480.2	482.4	440.3	486.4	574.2	687.2	1036.6	2111.1	2815.4
15°	760.7	728.8	689.3	691.4	733.0	823.4	1003.0	1628.7	3172.0	5465.2	7835.1
12.5°	1080.8	1033.1	975.0	959.6	1050.3	1232.4	2079.9	4654.4	8288.3	12245.7	22397.2
10°	1333.5	1308.1	1254.5	1294.5	1446.0	1980.7	3714.0	8179.1	15678.0	28788.7	44966.0
7.5°	1481.8	1472.1	1486.5	1604.0	1851.0	3258.7	7069.6	13706.9	26064.0	45931.7	75076.6
5°	1630.6	1638.7	1682.5	1844.1	2160.2	4145.0	9977.9	19047.4	37738.8	66943.2	112076.1
2.5°	1795.5	1802.9	1861.8	2065.3	2427.0	4283.6	10670.1	22448.6	47849.5	86120.1	145946.9
0°	1985.3	1942.8	1960.5	2145.9	2519.4	4996.2	12313.8	24617.0	52957.3	94085.9	155106.0
-2.5°	2052.7	1961.7	1945.0	2101.6	2428.9	4427.5	10999.8	22891.5	48640.1	86194.5	144631.5
-5°	2007.0	1882.5	1832.7	1960.8	2271.5	3882.3	9249.1	20829.7	43184.9	73735.2	122555.0
-7.5°	1893.3	1774.0	1700.6	1797.0	2068.3	3199.0	7084.7	15773.7	31433.7	54556.0	87060.2
-10°	1795.7	1681.3	1569.4	1600.3	1788.3	2381.2	4410.5	10332.0	20767.8	36826.8	55350.5
-12.5°	1711.3	1615.4	1447.9	1397.0	1502.3	1780.6	3078.3	7042.2	13284.0	20890.6	33875.3
-15°	1623.9	1545.3	1378.0	1297.5	1335.0	1470.6	1822.2	3382.5	7273.7	12381.2	17975.0
-17.5°	1527.0	1473.0	1372.5	1253.5	1202.6	1257.1	1425.0	1906.8	3232.4	6415.5	9903.4
-20°	1461.3	1431.3	1357.5	1253.0	1187.6	1162.4	1220.7	1368.2	1693.8	2913.8	4416.4



REPORT NUMBER: P1306039 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1379.0	1366.6	1316.7	1286.9	1239.0	1185.0	1133.9	1179.7	1287.7	1454.0	1973.2
-25°	1301.2	1304.2	1307.5	1346.9	1339.2	1263.6	1166.8	1097.4	1133.8	1185.9	1291.0
-27.5°	1215.1	1257.9	1324.2	1398.3	1432.7	1368.8	1254.6	1150.6	1119.6	1089.2	1133.6
-30°	1139.5	1226.5	1297.6	1388.1	1447.4	1428.3	1369.5	1299.3	1223.4	1170.5	1153.2
-32.5°	944.3	1185.6	1251.4	1324.1	1412.7	1440.8	1434.1	1407.2	1374.7	1337.5	1299.0
-35°	733.9	1001.8	1222.2	1264.1	1322.0	1405.4	1471.2	1475.8	1471.6	1457.9	1447.6
-37.5°	518.3	773.3	1005.5	1191.9	1261.4	1317.0	1417.7	1494.7	1538.4	1535.0	1536.0
-40°	430.4	500.6	734.2	949.7	1109.4	1258.3	1338.6	1439.3	1519.4	1552.0	1576.9
-42.5°	415.2	442.4	470.3	632.0	837.5	1017.7	1156.2	1284.1	1397.2	1477.7	1541.8
-45°	404.5	422.9	444.1	470.9	499.9	660.8	839.8	1006.2	1115.0	1223.8	1337.4
-47.5°	404.1	408.6	423.6	442.5	460.9	487.0	516.9	557.5	677.9	787.2	902.6
-50°	392.0	410.2	415.3	421.1	432.9	447.2	461.3	475.9	489.7	498.3	510.0
-52.5°	356.4	380.0	402.1	419.3	423.8	428.2	432.2	441.7	450.9	458.6	467.2
-55°	313.3	338.3	362.6	382.5	400.4	417.2	429.8	431.9	434.6	438.0	443.3
-57.5°	266.7	291.0	314.1	334.9	354.4	372.6	385.7	395.4	404.5	413.2	424.4
-60°	218.8	240.3	261.3	281.4	300.7	319.0	331.1	341.0	349.5	358.0	369.6
-62.5°	171.8	188.3	207.3	225.4	242.1	257.9	270.4	281.0	289.8	298.7	309.4
-65°	133.5	145.8	159.9	173.2	185.6	200.1	213.6	224.7	233.5	242.3	251.9
-67.5°	95.3	106.7	119.8	132.1	143.7	154.8	166.1	176.7	186.6	196.6	206.5
-70°	63.7	71.7	81.3	91.7	102.5	112.6	122.3	131.6	140.4	149.3	157.8
-72.5°	39.5	44.5	49.8	56.8	64.0	71.1	78.0	84.9	91.7	99.7	107.6
-75°	22.5	24.6	28.6	32.4	36.1	39.5	42.5	45.0	47.1	51.8	57.0
-77.5°	18.9	19.9	21.0	22.0	23.1	24.5	26.1	27.8	29.5	33.3	37.4
-80°	14.7	15.4	16.1	16.9	17.7	18.8	19.9	21.0	22.1	24.8	27.8
-82.5°	10.9	11.2	11.5	11.8	12.1	12.9	13.8	14.7	15.5	17.8	20.1
-85°	7.9	8.1	8.2	8.3	8.4	9.1	9.9	10.6	11.3	13.6	15.8
-87.5°	6.2	6.2	6.2	6.2	6.2	7.0	7.8	8.5	9.1	11.6	14.0
-90°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9



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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°	33.9	39.9	33.7	27.5	33.7	39.9	33.9	27.9	22.0	16.0	13.5
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
85°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
82.5°	1.1	0.9	1.3	1.8	1.3	0.9	1.1	1.4	1.6	1.8	2.0
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
77.5°	2.0	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.4	2.5	2.5
75°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.0	3.2	3.4	3.5
72.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6	5.6	5.8
70°	8.2	8.7	8.9	8.9	8.9	8.7	8.2	7.6	7.1	7.1	7.6
67.5°	6.6	6.3	6.2	6.2	6.2	6.3	6.6	6.9	7.1	7.5	8.3
65°	5.7	5.4	5.3	5.3	5.3	5.4	5.7	6.0	6.3	7.0	7.9
62.5°	5.1	5.2	5.3	5.3	5.3	5.2	5.1	4.9	4.9	5.5	6.4
60°	5.0	5.2	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.7	5.1
57.5°	5.0	5.2	5.3	5.3	5.3	5.2	5.0	4.7	4.4	4.8	5.1
55°	5.2	5.3	5.6	6.2	5.6	5.3	5.2	5.1	5.0	5.2	5.6
52.5°	6.1	6.1	6.2	6.2	6.2	6.1	6.1	6.0	5.9	6.0	6.1
50°	7.0	7.0	7.1	7.1	7.1	7.0	7.0	6.8	6.8	6.9	7.0
47.5°	8.6	8.8	8.9	8.9	8.9	8.8	8.6	8.3	8.2	8.1	7.9
45°	10.7	10.6	10.6	10.6	10.6	10.6	10.7	10.5	11.2	11.1	9.6
42.5°	14.3	14.7	15.0	15.1	15.0	14.7	14.3	13.7	15.2	17.5	19.1
40°	22.6	22.9	22.7	22.2	22.7	22.9	22.6	21.5	20.5	19.3	20.7
37.5°	30.6	31.3	31.6	31.9	31.6	31.3	30.6	30.3	30.0	28.2	28.8
35°	43.0	43.5	43.3	44.4	43.3	43.5	43.0	42.5	41.9	39.9	44.2
32.5°	70.1	70.5	68.3	69.2	68.3	70.5	70.1	66.9	62.0	60.2	63.8
30°	107.4	112.3	115.3	118.9	115.3	112.3	107.4	101.8	93.8	86.2	83.5
27.5°	163.5	175.6	183.4	188.1	183.4	175.6	163.5	149.6	130.7	121.2	103.6
25°	255.3	273.6	283.4	291.0	283.4	273.6	255.3	228.4	198.8	177.7	156.2
22.5°	495.8	566.0	605.1	642.3	605.1	566.0	495.8	388.3	310.4	264.0	234.9
20°	1271.4	1353.3	1507.5	1603.0	1507.5	1353.3	1271.4	888.5	649.0	438.4	355.6
17.5°	4282.8	5460.1	5679.9	5846.0	5679.9	5460.1	4282.8	2815.4	2111.1	1036.6	687.2
15°	12754.2	16248.5	17189.0	17989.5	17189.0	16248.5	12754.2	7835.1	5465.2	3172.0	1628.7
12.5°	30794.1	40411.6	45642.6	49616.9	45642.6	40411.6	30794.1	22397.2	12245.7	8288.3	4654.4
10°	64518.1	83347.0	97638.1	105914.5	97638.1	83347.0	64518.1	44966.0	28788.7	15678.0	8179.1
7.5°	109871.7	141785.1	160440.3	169936.2	160440.3	141785.1	109871.7	75076.6	45931.7	26064.0	13706.9
5°	165717.3	206914.3	232949.9	247266.1	232949.9	206914.3	165717.3	112076.1	66943.2	37738.8	19047.4
2.5°	206996.7	259848.5	298874.9	317232.2	298874.9	259848.5	206996.7	145946.9	86120.1	47849.5	22448.6
0°	221943.4	277392.9	322006.1	348732.7	322006.1	277392.9	221943.4	155106.0	94085.9	52957.3	24617.0
-2.5°	207675.0	259730.1	294477.7	310647.2	294477.7	259730.1	207675.0	144631.5	86194.5	48640.1	22891.5
-5°	176598.0	221603.5	246573.8	257143.9	246573.8	221603.5	176598.0	122555.0	73735.2	43184.9	20829.7
-7.5°	125293.2	159623.5	177173.8	187585.4	177173.8	159623.5	125293.2	87060.2	54556.0	31433.7	15773.7
-10°	78884.2	98183.3	114971.2	122565.4	114971.2	98183.3	78884.2	55350.5	36826.8	20767.8	10332.0
-12.5°	45811.8	58030.3	67853.2	72025.9	67853.2	58030.3	45811.8	33875.3	20890.6	13284.0	7042.2
-15°	25316.9	31994.0	36516.5	38285.5	36516.5	31994.0	25316.9	17975.0	12381.2	7273.7	3382.5
-17.5°	14078.1	17318.2	18603.7	20665.0	18603.7	17318.2	14078.1	9903.4	6415.5	3232.4	1906.8
-20°	6897.1	8577.1	9115.8	10569.8	9115.8	8577.1	6897.1	4416.4	2913.8	1693.8	1368.2



REPORT NUMBER: P1306039 (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°	2679.1	3075.6	3163.9	3853.6	3163.9	3075.6	2679.1	1973.2	1454.0	1287.7	1179.7
-25°	1391.3	1458.1	1489.2	1570.2	1489.2	1458.1	1391.3	1291.0	1185.9	1133.8	1097.4
-27.5°	1169.5	1202.0	1227.8	1266.8	1227.8	1202.0	1169.5	1133.6	1089.2	1119.6	1150.6
-30°	1139.9	1134.2	1135.0	1139.0	1135.0	1134.2	1139.9	1153.2	1170.5	1223.4	1299.3
-32.5°	1268.2	1248.6	1238.8	1202.0	1238.8	1248.6	1268.2	1299.0	1337.5	1374.7	1407.2
-35°	1441.3	1439.7	1441.0	1423.8	1441.0	1439.7	1441.3	1447.6	1457.9	1471.6	1475.8
-37.5°	1536.5	1539.2	1542.6	1537.3	1542.6	1539.2	1536.5	1536.0	1535.0	1538.4	1494.7
-40°	1585.5	1593.5	1599.1	1597.7	1599.1	1593.5	1585.5	1576.9	1552.0	1519.4	1439.3
-42.5°	1573.7	1593.5	1603.3	1606.5	1603.3	1593.5	1573.7	1541.8	1477.7	1397.2	1284.1
-45°	1441.4	1522.2	1570.9	1584.4	1570.9	1522.2	1441.4	1337.4	1223.8	1115.0	1006.2
-47.5°	1032.5	1152.1	1264.2	1362.6	1264.2	1152.1	1032.5	902.6	787.2	677.9	557.5
-50°	524.7	538.2	565.8	605.9	565.8	538.2	524.7	510.0	498.3	489.7	475.9
-52.5°	475.8	483.6	491.3	498.6	491.3	483.6	475.8	467.2	458.6	450.9	441.7
-55°	448.3	453.1	456.7	459.5	456.7	453.1	448.3	443.3	438.0	434.6	431.9
-57.5°	433.9	441.9	448.7	454.2	448.7	441.9	433.9	424.4	413.2	404.5	395.4
-60°	379.8	388.5	396.7	403.6	396.7	388.5	379.8	369.6	358.0	349.5	341.0
-62.5°	318.6	326.3	334.3	341.5	334.3	326.3	318.6	309.4	298.7	289.8	281.0
-65°	260.4	267.9	274.5	280.3	274.5	267.9	260.4	251.9	242.3	233.5	224.7
-67.5°	215.8	224.3	232.7	240.4	232.7	224.3	215.8	206.5	196.6	186.6	176.7
-70°	165.6	172.6	178.5	183.6	178.5	172.6	165.6	157.8	149.3	140.4	131.6
-72.5°	114.8	121.3	128.8	135.7	128.8	121.3	114.8	107.6	99.7	91.7	84.9
-75°	61.9	66.6	71.1	75.4	71.1	66.6	61.9	57.0	51.8	47.1	45.0
-77.5°	41.6	45.7	48.7	51.5	48.7	45.7	41.6	37.4	33.3	29.5	27.8
-80°	30.6	33.5	35.8	38.1	35.8	33.5	30.6	27.8	24.8	22.1	21.0
-82.5°	22.4	24.7	26.6	28.4	26.6	24.7	22.4	20.1	17.8	15.5	14.7
-85°	18.1	20.4	22.2	24.0	22.2	20.4	18.1	15.8	13.6	11.3	10.6
-87.5°	16.3	18.7	20.0	21.3	20.0	18.7	16.3	14.0	11.6	9.1	8.5
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.1	8.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
87.5°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.7	2.7	2.7	2.7
85°	1.7	1.8	1.8	2.0	2.3	2.5	2.7	2.8	2.9	3.0	3.0
82.5°	2.2	2.3	2.5	2.5	2.5	2.6	2.7	2.9	3.1	3.3	3.5
80°	2.3	2.5	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.5
77.5°	2.6	2.6	2.8	3.1	3.3	3.5	3.6	3.7	3.9	3.9	4.0
75°	3.5	3.5	3.6	4.0	4.2	4.3	4.3	4.2	4.2	4.3	4.4
72.5°	5.9	5.8	6.0	6.6	6.8	7.1	7.0	6.5	5.8	4.9	4.4
70°	8.0	8.4	9.3	10.6	11.5	11.9	11.8	10.9	9.3	8.1	6.9
67.5°	9.1	9.8	11.2	13.1	14.6	15.8	17.0	17.5	16.9	15.2	11.3
65°	9.0	10.1	11.2	12.3	13.9	16.3	20.6	22.8	23.3	22.4	17.5
62.5°	7.5	8.6	9.4	10.3	11.4	13.9	19.6	24.3	27.9	27.8	22.1
60°	5.7	6.2	7.1	8.0	9.0	11.7	16.9	23.0	30.1	28.5	24.4
57.5°	5.2	5.6	6.2	6.7	7.0	9.2	13.2	18.7	25.3	25.4	23.7
55°	6.0	6.3	6.6	6.8	7.1	8.0	9.6	13.0	18.0	19.3	19.0
52.5°	6.2	6.7	7.2	7.7	7.8	7.9	8.3	10.1	11.6	13.7	14.5
50°	7.0	7.2	7.4	7.9	8.1	8.1	8.1	8.7	9.7	10.5	11.2
47.5°	8.0	8.1	7.9	8.0	8.4	8.5	8.3	8.3	9.1	9.5	10.0
45°	9.7	9.7	9.4	9.7	9.5	9.4	9.1	9.5	9.5	9.8	9.8
42.5°	17.5	14.0	11.7	12.8	13.2	12.3	11.1	11.4	11.1	10.7	11.4
40°	24.0	27.3	23.8	19.1	17.9	17.3	15.8	14.1	13.6	12.6	14.1
37.5°	28.5	27.8	34.2	36.8	29.7	24.1	22.1	19.1	16.9	17.5	18.5
35°	43.7	42.2	42.8	46.1	48.2	41.4	32.3	26.2	22.9	23.5	23.9
32.5°	66.8	62.4	62.1	60.5	63.4	62.8	51.7	38.9	33.5	31.7	30.3
30°	84.9	80.5	75.2	84.6	89.7	85.7	74.7	66.1	54.4	41.8	37.8
27.5°	106.8	103.6	95.4	114.0	124.3	117.7	110.6	102.6	81.6	61.5	49.4
25°	148.6	138.6	145.2	158.0	166.7	161.5	153.4	142.3	120.4	91.0	74.4
22.5°	209.3	205.4	205.4	205.5	227.9	221.7	200.0	183.9	179.6	166.2	124.4
20°	324.1	299.7	279.9	309.2	332.0	297.5	254.4	273.8	307.5	276.1	192.5
17.5°	574.2	486.4	440.3	482.4	480.2	416.8	447.0	460.3	460.1	412.8	274.5
15°	1003.0	823.4	733.0	691.4	689.3	728.8	760.7	678.4	635.7	560.8	408.5
12.5°	2079.9	1232.4	1050.3	959.6	975.0	1033.1	1080.8	965.6	840.8	775.5	633.8
10°	3714.0	1980.7	1446.0	1294.5	1254.5	1308.1	1333.5	1218.8	1076.2	1012.2	874.2
7.5°	7069.6	3258.7	1851.0	1604.0	1486.5	1472.1	1481.8	1413.9	1297.8	1240.7	1122.6
5°	9977.9	4145.0	2160.2	1844.1	1682.5	1638.7	1630.6	1573.6	1508.1	1462.0	1370.1
2.5°	10670.1	4283.6	2427.0	2065.3	1861.8	1802.9	1795.5	1704.6	1648.7	1579.6	1478.7
0°	12313.8	4996.2	2519.4	2145.9	1960.5	1942.8	1985.3	1824.8	1757.3	1674.8	1568.4
-2.5°	10999.8	4427.5	2428.9	2101.6	1945.0	1961.7	2052.7	1932.4	1831.3	1707.5	1548.1
-5°	9249.1	3882.3	2271.5	1960.8	1832.7	1882.5	2007.0	1949.2	1846.0	1714.2	1499.5
-7.5°	7084.7	3199.0	2068.3	1797.0	1700.6	1774.0	1893.3	1859.2	1749.6	1636.7	1400.2
-10°	4410.5	2381.2	1788.3	1600.3	1569.4	1681.3	1795.7	1756.0	1654.2	1557.2	1284.7
-12.5°	3078.3	1780.6	1502.3	1397.0	1447.9	1615.4	1711.3	1644.3	1563.0	1478.5	1157.7
-15°	1822.2	1470.6	1335.0	1297.5	1378.0	1545.3	1623.9	1559.3	1496.4	1401.6	1023.4
-17.5°	1425.0	1257.1	1202.6	1253.5	1372.5	1473.0	1527.0	1491.6	1418.0	1273.5	861.9
-20°	1220.7	1162.4	1187.6	1253.0	1357.5	1431.3	1461.3	1417.4	1323.4	1073.7	697.4



REPORT NUMBER: P1306039 (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°	1133.9	1185.0	1239.0	1286.9	1316.7	1366.6	1379.0	1329.8	1216.5	862.7	537.3
-25°	1166.8	1263.6	1339.2	1346.9	1307.5	1304.2	1301.2	1231.3	1004.1	667.9	402.8
-27.5°	1254.6	1368.8	1432.7	1398.3	1324.2	1257.9	1215.1	1109.9	786.2	514.7	378.9
-30°	1369.5	1428.3	1447.4	1388.1	1297.6	1226.5	1139.5	871.7	606.1	397.5	361.1
-32.5°	1434.1	1440.8	1412.7	1324.1	1251.4	1185.6	944.3	653.7	438.3	378.6	351.8
-35°	1471.2	1405.4	1322.0	1264.1	1222.2	1001.8	733.9	487.7	390.9	362.4	344.5
-37.5°	1417.7	1317.0	1261.4	1191.9	1005.5	773.3	518.3	411.4	374.5	354.2	342.2
-40°	1338.6	1258.3	1109.4	949.7	734.2	500.6	430.4	396.1	370.3	349.8	342.6
-42.5°	1156.2	1017.7	837.5	632.0	470.3	442.4	415.2	389.1	369.2	355.2	327.0
-45°	839.8	660.8	499.9	470.9	444.1	422.9	404.5	388.9	375.5	342.8	306.5
-47.5°	516.9	487.0	460.9	442.5	423.6	408.6	404.1	394.6	357.2	321.0	284.4
-50°	461.3	447.2	432.9	421.1	415.3	410.2	392.0	366.0	329.7	293.5	258.5
-52.5°	432.2	428.2	423.8	419.3	402.1	380.0	356.4	328.6	296.3	261.6	227.9
-55°	429.8	417.2	400.4	382.5	362.6	338.3	313.3	286.9	257.7	225.7	196.6
-57.5°	385.7	372.6	354.4	334.9	314.1	291.0	266.7	241.8	217.6	190.8	164.8
-60°	331.1	319.0	300.7	281.4	261.3	240.3	218.8	197.7	177.1	157.3	136.4
-62.5°	270.4	257.9	242.1	225.4	207.3	188.3	171.8	157.4	142.3	125.6	106.5
-65°	213.6	200.1	185.6	173.2	159.9	145.8	133.5	120.7	107.0	92.3	75.9
-67.5°	166.1	154.8	143.7	132.1	119.8	106.7	95.3	83.6	73.5	63.3	51.6
-70°	122.3	112.6	102.5	91.7	81.3	71.7	63.7	55.6	46.7	39.7	33.6
-72.5°	78.0	71.1	64.0	56.8	49.8	44.5	39.5	34.5	29.6	24.9	21.4
-75°	42.5	39.5	36.1	32.4	28.6	24.6	22.5	21.5	20.4	19.2	17.9
-77.5°	26.1	24.5	23.1	22.0	21.0	19.9	18.9	17.8	16.8	15.9	15.1
-80°	19.9	18.8	17.7	16.9	16.1	15.4	14.7	14.1	13.6	13.1	12.6
-82.5°	13.8	12.9	12.1	11.8	11.5	11.2	10.9	10.7	10.5	10.4	10.2
-85°	9.9	9.1	8.4	8.3	8.2	8.1	7.9	8.0	8.1	8.2	8.2
-87.5°	7.8	7.0	6.2	6.2	6.2	6.2	6.2	6.4	6.5	6.7	6.8
-90°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.7	2.7	2.7	2.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.0	5.8	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
85°	3.1	3.2	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
82.5°	3.5	3.5	3.5	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
80°	3.7	3.8	3.8	3.8	3.9	4.0	4.2	4.4	4.4	4.4	4.4
77.5°	4.0	4.1	4.2	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.4
75°	4.4	4.3	4.3	4.4	4.5	4.4	4.4	4.4	4.5	4.4	4.4
72.5°	4.4	4.4	4.4	4.5	4.6	4.7	4.5	4.5	4.6	4.6	4.5
70°	5.7	4.7	4.4	4.5	4.8	5.0	4.9	4.8	4.7	4.8	4.7
67.5°	8.0	6.6	5.5	4.8	4.8	5.0	5.2	5.2	5.1	5.0	4.9
65°	12.9	9.3	7.0	6.0	5.3	5.1	5.3	5.5	5.4	5.3	5.1
62.5°	17.0	12.5	9.3	7.4	6.2	5.5	5.3	5.6	5.8	5.6	5.4
60°	20.5	15.3	11.7	9.5	7.5	6.1	5.7	5.8	6.0	5.9	5.7
57.5°	19.9	17.1	14.6	11.7	9.2	7.1	6.2	6.2	6.2	6.2	6.0
55°	17.7	15.8	16.4	14.3	11.2	8.6	7.0	6.6	6.5	6.5	6.3
52.5°	13.9	14.9	16.6	16.2	13.5	10.3	8.4	7.0	6.9	6.7	6.7
50°	11.1	13.4	16.3	17.3	15.6	12.4	9.8	8.1	7.3	7.1	7.1
47.5°	10.7	12.8	15.0	18.1	17.3	14.3	11.3	9.2	7.6	7.4	7.6
45°	11.7	13.3	14.5	16.9	18.9	15.6	12.7	10.2	8.5	7.9	8.1
42.5°	13.2	14.6	15.5	15.9	18.0	16.7	13.9	11.3	9.4	8.6	8.6
40°	15.5	16.5	17.0	17.3	17.3	17.5	14.7	12.2	10.2	9.3	9.2
37.5°	18.3	19.0	19.2	19.8	17.9	17.4	15.2	13.0	11.3	10.3	9.8
35°	23.2	22.1	22.8	23.1	20.8	17.8	15.6	13.5	12.6	11.3	10.4
32.5°	28.9	27.5	28.0	27.0	24.5	18.7	16.0	15.0	14.0	12.3	11.1
30°	36.7	37.5	34.3	31.5	28.8	22.1	17.7	16.7	15.5	13.3	11.8
27.5°	51.4	49.8	42.4	37.4	33.0	26.6	21.1	18.6	17.1	14.3	12.7
25°	70.1	64.6	54.3	44.4	37.6	40.0	25.0	20.6	18.7	15.6	13.5
22.5°	95.0	81.7	67.9	52.2	57.4	57.7	32.6	23.8	20.4	17.0	14.2
20°	123.4	100.8	88.2	82.8	81.0	75.4	45.7	27.2	22.2	18.3	15.0
17.5°	160.0	140.8	137.1	120.6	107.1	94.9	61.0	30.8	24.0	19.7	15.7
15°	270.1	206.4	189.2	162.1	134.8	115.6	78.1	34.5	25.9	21.0	16.0
12.5°	413.2	274.0	243.9	206.5	163.8	137.4	96.5	38.3	27.7	21.6	15.8
10°	574.1	342.9	300.4	252.8	193.5	159.8	115.5	41.9	28.6	21.6	15.6
7.5°	745.3	412.4	357.8	299.9	222.5	180.7	134.3	45.2	29.3	21.4	15.3
5°	900.7	469.3	403.1	335.7	245.5	199.2	152.4	48.4	30.0	21.2	15.0
2.5°	968.2	505.3	439.5	367.9	267.5	216.8	169.1	51.4	30.6	20.8	14.6
0°	1017.5	538.5	473.7	397.4	288.3	233.3	183.6	54.1	31.0	20.4	14.2
-2.5°	970.4	533.2	466.1	396.2	295.1	236.7	184.3	62.5	37.1	24.0	15.7
-5°	908.5	525.1	456.6	392.4	300.2	238.8	182.6	70.4	43.0	27.5	17.1
-7.5°	854.3	504.9	442.7	385.5	303.1	239.3	178.9	77.5	48.3	30.6	18.4
-10°	785.5	477.1	422.5	369.4	298.7	238.0	174.2	83.8	53.2	33.4	19.5
-12.5°	695.4	448.5	402.0	353.6	292.3	235.2	170.0	89.8	57.4	35.7	20.4
-15°	583.0	419.7	381.8	338.9	285.1	231.5	165.2	95.0	61.8	38.0	21.0
-17.5°	449.9	391.1	362.1	325.9	277.2	227.1	160.0	99.1	65.5	40.4	22.0
-20°	410.3	370.9	343.6	315.5	269.0	222.0	154.9	101.9	68.3	42.2	23.2



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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°	389.4	358.0	333.7	304.8	261.0	216.3	150.1	103.4	70.4	43.3	23.8
-25°	368.0	345.7	326.4	294.5	253.1	207.6	148.3	103.5	71.5	43.5	23.9
-27.5°	352.4	335.3	320.6	283.6	243.8	200.3	147.8	104.4	71.7	42.9	23.4
-30°	340.2	329.4	309.5	272.2	233.6	189.9	145.5	104.1	70.8	42.1	22.2
-32.5°	334.1	325.9	296.3	260.0	221.5	178.8	138.7	102.6	68.8	40.8	21.6
-35°	334.1	315.7	282.7	246.9	208.3	168.3	130.3	99.9	65.6	38.5	20.9
-37.5°	333.0	300.8	267.5	232.5	194.7	157.1	122.4	92.4	61.2	35.4	19.8
-40°	315.7	284.0	251.1	217.2	181.3	145.1	113.1	83.6	56.5	31.3	18.3
-42.5°	296.9	265.0	232.7	201.0	167.4	133.5	102.6	74.1	49.5	28.3	16.3
-45°	275.2	244.1	212.5	182.9	152.8	120.4	91.0	63.9	41.8	25.6	14.8
-47.5°	251.4	220.3	191.0	163.4	136.3	106.1	78.5	54.6	33.6	22.4	14.3
-50°	223.9	195.2	168.3	143.0	117.4	91.1	65.6	44.6	28.9	18.3	13.7
-52.5°	196.6	169.1	145.5	122.2	98.7	75.2	53.8	34.5	24.0	16.2	12.9
-55°	168.3	144.0	123.0	101.2	79.5	60.4	41.3	28.6	18.8	15.0	12.1
-57.5°	142.2	120.1	99.8	79.7	61.9	45.4	32.1	22.4	16.5	13.8	11.6
-60°	115.7	95.0	75.8	60.4	45.4	33.4	24.8	17.6	15.1	12.7	11.0
-62.5°	87.6	69.9	55.6	42.3	32.7	25.1	18.2	16.0	13.6	12.0	10.4
-65°	62.6	49.2	36.6	30.3	23.6	18.3	16.4	14.3	12.7	11.2	9.8
-67.5°	40.0	33.1	26.5	20.6	18.0	16.3	14.6	13.2	11.8	10.4	9.4
-70°	27.7	21.9	18.9	17.3	15.8	14.3	13.3	12.1	10.9	9.9	8.9
-72.5°	19.6	17.9	16.3	14.9	14.0	13.1	12.1	11.2	10.3	9.4	8.4
-75°	16.4	15.3	14.3	13.4	12.6	11.8	11.2	10.5	9.7	8.8	7.9
-77.5°	14.2	13.4	12.6	12.0	11.4	10.8	10.4	9.9	9.0	8.2	7.4
-80°	12.0	11.5	11.0	10.5	10.1	9.8	9.4	8.9	8.1	7.4	6.8
-82.5°	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.2	6.7	6.3
-85°	8.0	7.9	7.7	7.5	7.3	7.1	7.0	6.8	6.5	6.2	6.0
-87.5°	6.7	6.6	6.5	6.3	6.3	6.2	6.1	6.1	5.9	5.8	5.6
-90°	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.3	5.1	4.9	4.6	4.4	4.4	4.4
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.5	4.4	4.4	4.4	4.4	4.4
72.5°	4.5	4.7	4.6	4.4	4.4	4.4	4.4
70°	4.6	4.8	4.8	4.4	4.4	4.4	4.4
67.5°	4.8	5.0	4.9	4.6	4.4	4.4	4.4
65°	5.1	5.1	5.1	4.8	4.4	4.4	4.4
62.5°	5.4	5.4	5.3	5.0	4.4	4.4	4.4
60°	5.6	5.6	5.5	5.2	4.4	4.4	4.4
57.5°	5.9	5.8	5.7	5.3	4.5	4.4	4.4
55°	6.2	6.0	5.9	5.5	4.6	4.4	4.4
52.5°	6.6	6.2	6.1	5.7	4.7	4.4	4.4
50°	6.9	6.5	6.2	5.9	4.9	4.4	4.4
47.5°	7.3	6.8	6.4	6.1	4.9	4.4	4.4
45°	7.7	7.2	6.6	6.2	5.0	4.4	4.4
42.5°	8.2	7.5	6.7	6.4	5.1	4.4	4.4
40°	8.6	7.8	6.9	6.4	5.2	4.4	4.4
37.5°	9.1	8.1	7.2	6.5	5.2	4.4	4.4
35°	9.7	8.5	7.4	6.5	5.3	4.4	4.4
32.5°	10.2	8.9	7.7	6.5	5.3	4.4	4.4
30°	10.7	9.3	7.9	6.5	5.4	4.4	4.4
27.5°	11.3	9.7	8.0	6.5	5.4	4.4	4.4
25°	11.9	10.1	8.0	6.5	5.4	4.4	4.4
22.5°	12.5	10.4	8.0	6.5	5.5	4.4	4.4
20°	13.1	10.4	8.0	6.5	5.5	4.4	4.4
17.5°	13.2	10.3	7.9	6.5	5.5	4.4	4.4
15°	12.9	10.2	7.9	6.5	5.5	4.4	4.4
12.5°	12.6	10.1	7.8	6.4	5.4	4.4	4.4
10°	12.3	9.9	7.7	6.4	5.4	4.4	4.4
7.5°	11.9	9.7	7.5	6.4	5.4	4.4	4.4
5°	11.5	9.4	7.4	6.3	5.4	4.4	4.4
2.5°	11.1	9.2	7.3	6.3	5.3	4.4	4.4
0°	10.6	8.9	7.1	6.2	5.3	4.4	4.4
-2.5°	11.1	9.0	7.2	6.2	5.3	4.4	4.4
-5°	11.5	9.1	7.2	6.2	5.3	4.4	4.4
-7.5°	11.9	9.1	7.3	6.2	5.3	4.5	4.4
-10°	12.2	9.2	7.3	6.2	5.3	4.5	4.4
-12.5°	12.5	9.2	7.4	6.1	5.3	4.5	4.4
-15°	12.7	9.2	7.4	6.1	5.3	4.5	4.4
-17.5°	12.7	9.2	7.4	6.1	5.2	4.5	4.4
-20°	12.9	9.1	7.4	6.0	5.2	4.5	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.3	9.1	7.3	6.0	5.2	4.6	4.4
-25°	13.4	9.2	7.2	5.9	5.2	4.6	4.4
-27.5°	13.3	9.2	7.1	5.9	5.2	4.6	4.4
-30°	13.0	9.3	7.0	5.8	5.2	4.6	4.4
-32.5°	12.4	9.3	7.0	5.8	5.2	4.6	4.4
-35°	12.2	9.2	7.0	5.7	5.2	4.6	4.4
-37.5°	12.1	9.1	6.9	5.6	5.2	4.6	4.4
-40°	11.9	9.0	6.8	5.6	5.1	4.6	4.4
-42.5°	11.6	8.9	6.8	5.5	5.1	4.6	4.4
-45°	11.3	8.7	6.8	5.5	5.1	4.6	4.4
-47.5°	10.8	8.5	6.7	5.5	5.1	4.6	4.4
-50°	10.5	8.3	6.7	5.5	5.1	4.6	4.4
-52.5°	10.2	8.1	6.6	5.5	5.2	4.6	4.4
-55°	9.8	7.9	6.5	5.6	5.2	4.6	4.4
-57.5°	9.5	7.8	6.4	5.6	5.2	4.6	4.4
-60°	9.1	7.6	6.3	5.6	5.2	4.6	4.4
-62.5°	8.8	7.4	6.2	5.6	5.1	4.6	4.4
-65°	8.5	7.2	6.2	5.5	5.1	4.6	4.4
-67.5°	8.2	7.0	6.1	5.5	5.0	4.6	4.4
-70°	7.8	6.8	6.0	5.5	5.0	4.5	4.4
-72.5°	7.5	6.5	5.9	5.4	4.9	4.5	4.4
-75°	7.1	6.3	5.7	5.3	4.8	4.5	4.4
-77.5°	6.7	6.0	5.6	5.2	4.8	4.5	4.4
-80°	6.2	5.8	5.5	5.1	4.7	4.5	4.4
-82.5°	6.0	5.6	5.3	5.0	4.6	4.5	4.4
-85°	5.8	5.5	5.2	4.9	4.6	4.4	4.4
-87.5°	5.5	5.3	5.0	4.7	4.5	4.4	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)