

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: P1306047 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

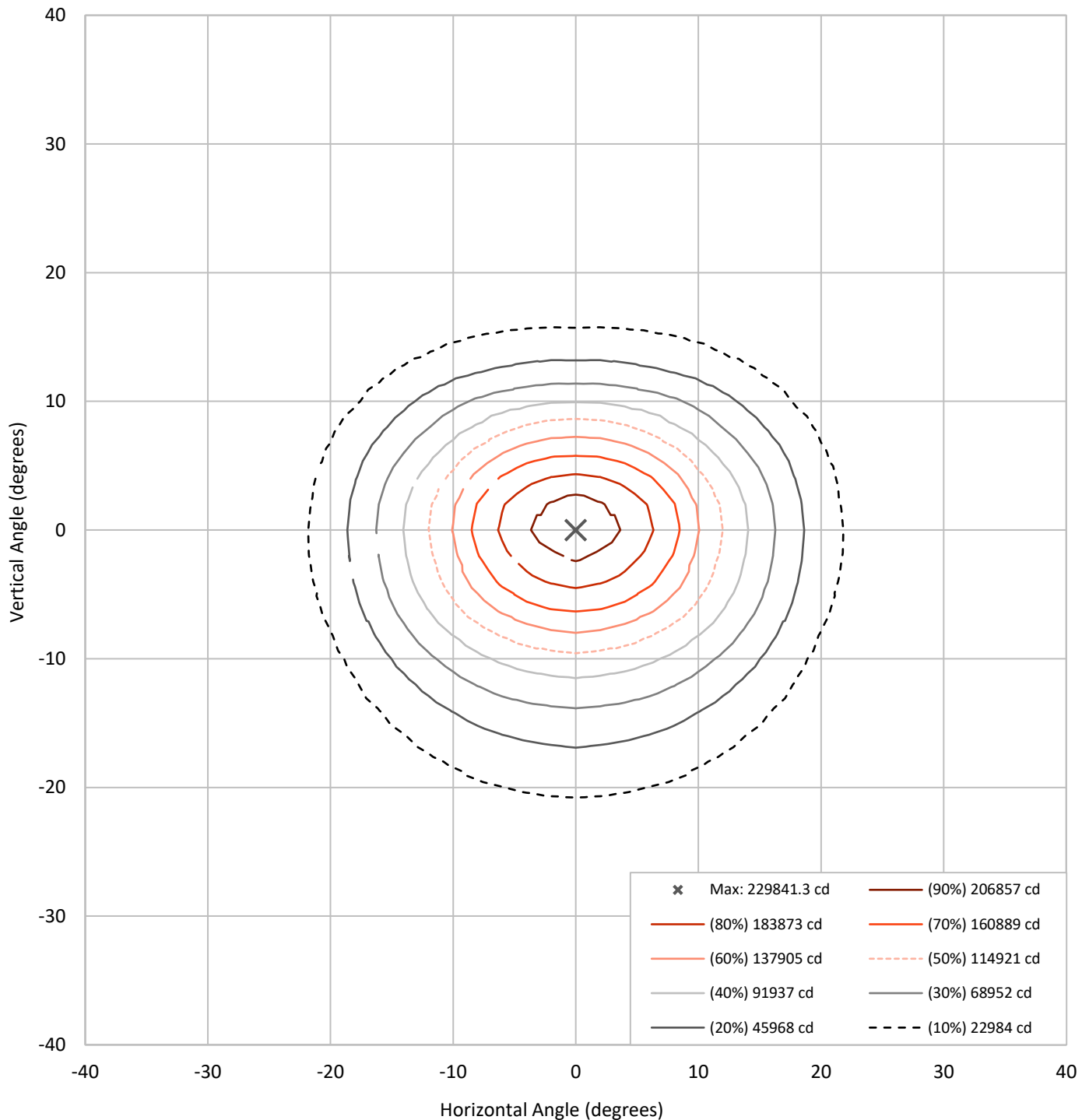
Test Method: LM-79-08
Report Number: P1306047 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	38423.8 lumens	Max Intensity:	229841.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	16436.8 lumens	Field Lumens:	32836.9 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
Input Watts (W):	334		
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





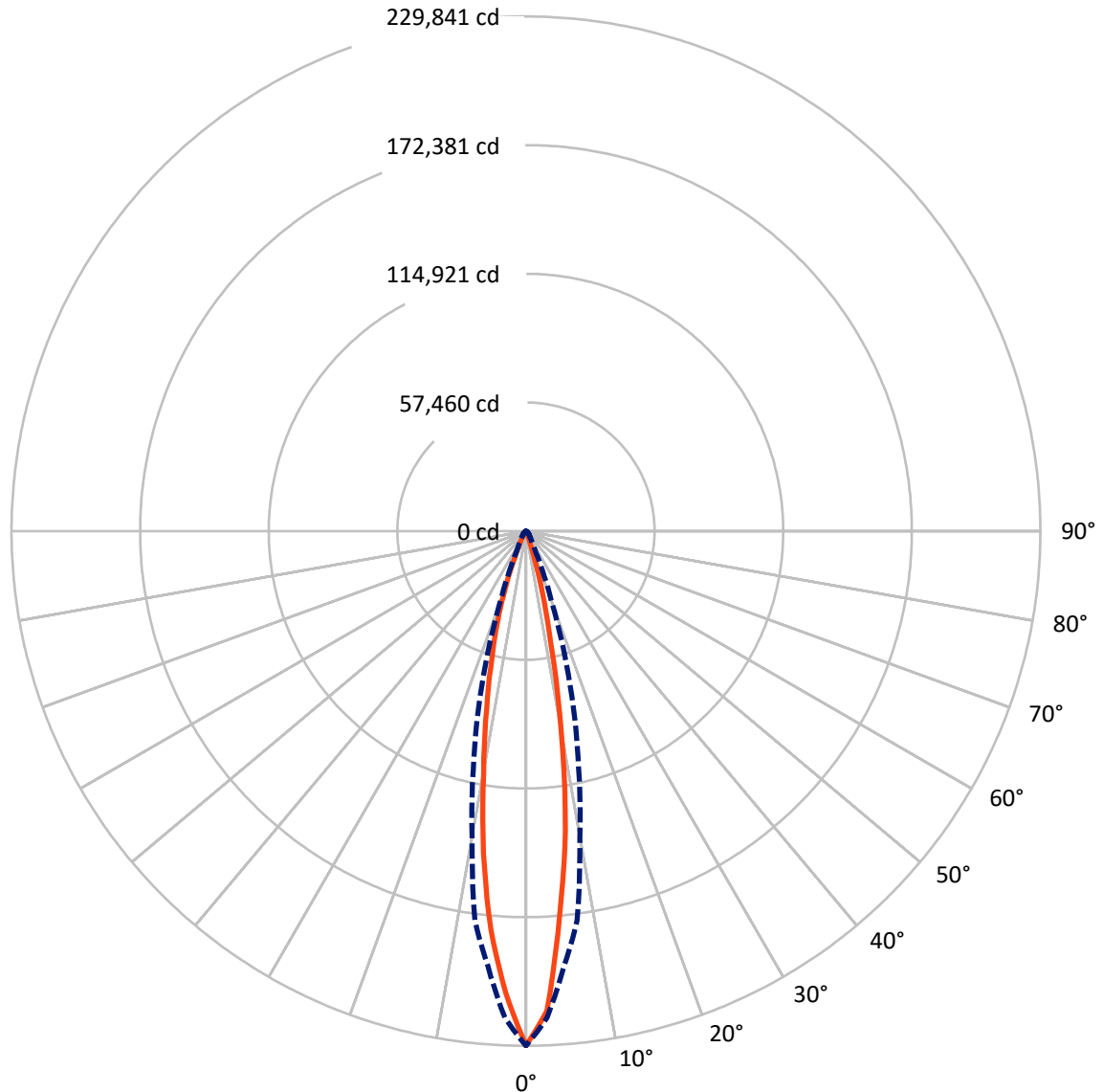
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Lumen Table

90	0.1	0.3	0.5	0.5	0.6	0.5	0.5	0.3	0.1										
80	0.1	0.3	0.5	0.5	0.6	0.5	0.5	0.3	0.1										
70	0.1	0.1	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.1	0.1			
60		0.1	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.3	0.1				
50	0.1	0.1	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.1	0.1			
40		0.2	0.4	0.6	1.0	1.5	1.9	2.5	2.5	1.9	1.5	1.0	0.6	0.4	0.2				
30	0.2	0.3	1.1	2.7	5.1	7.7	17.5	35.1	35.1	17.5	7.7	5.1	2.7	1.1	0.3	0.2			
20		0.8	4.0	12.6	27.7	74.2	411.6	941.8	941.8	411.6	74.2	27.7	12.6	4.0	0.8				
10	0.2	1.4	8.3	29.9	69.7	306.5	1922.2	4486.7	4486.7	1922.2	306.5	69.7	29.9	8.3	1.4	0.2			
0		1.9	9.9	35.0	78.2	326.6	2050.1	4621.2	4621.2	2050.1	326.6	78.2	35.0	9.9	1.9				
-10	0.4	2.0	8.5	26.5	55.5	140.8	744.4	1675.2	1675.2	744.4	140.8	55.5	26.5	8.5	2.0	0.4			
-20		1.9	6.9	16.6	39.2	66.4	144.1	289.8	289.8	144.1	66.4	39.2	16.6	6.9	1.9				
-30	0.3	1.7	5.5	11.6	25.4	45.8	62.2	72.6	72.6	62.2	45.8	25.4	11.6	5.5	1.7	0.3			
-40		1.2	4.1	8.8	15.8	25.7	39.4	49.5	49.5	39.4	25.7	15.8	8.8	4.1	1.2				
-50	0.2	0.6	2.4	5.6	10.0	14.7	18.6	21.0	21.0	18.6	14.7	10.0	5.6	2.4	0.6	0.2			
-60		0.2	0.8	2.4	4.5	6.9	9.3	10.7	10.7	9.3	6.9	4.5	2.4	0.8	0.2				
-70	0.1	0.6	1.8	5.0	7.6	5.0	1.8	0.6	0.1						0.1				
-80		0.6	1.8	5.0	7.6	5.0	1.8	0.6	0.1										
-90	0.1	0.3	0.5	0.5	0.6	0.5	0.5	0.3	0.1						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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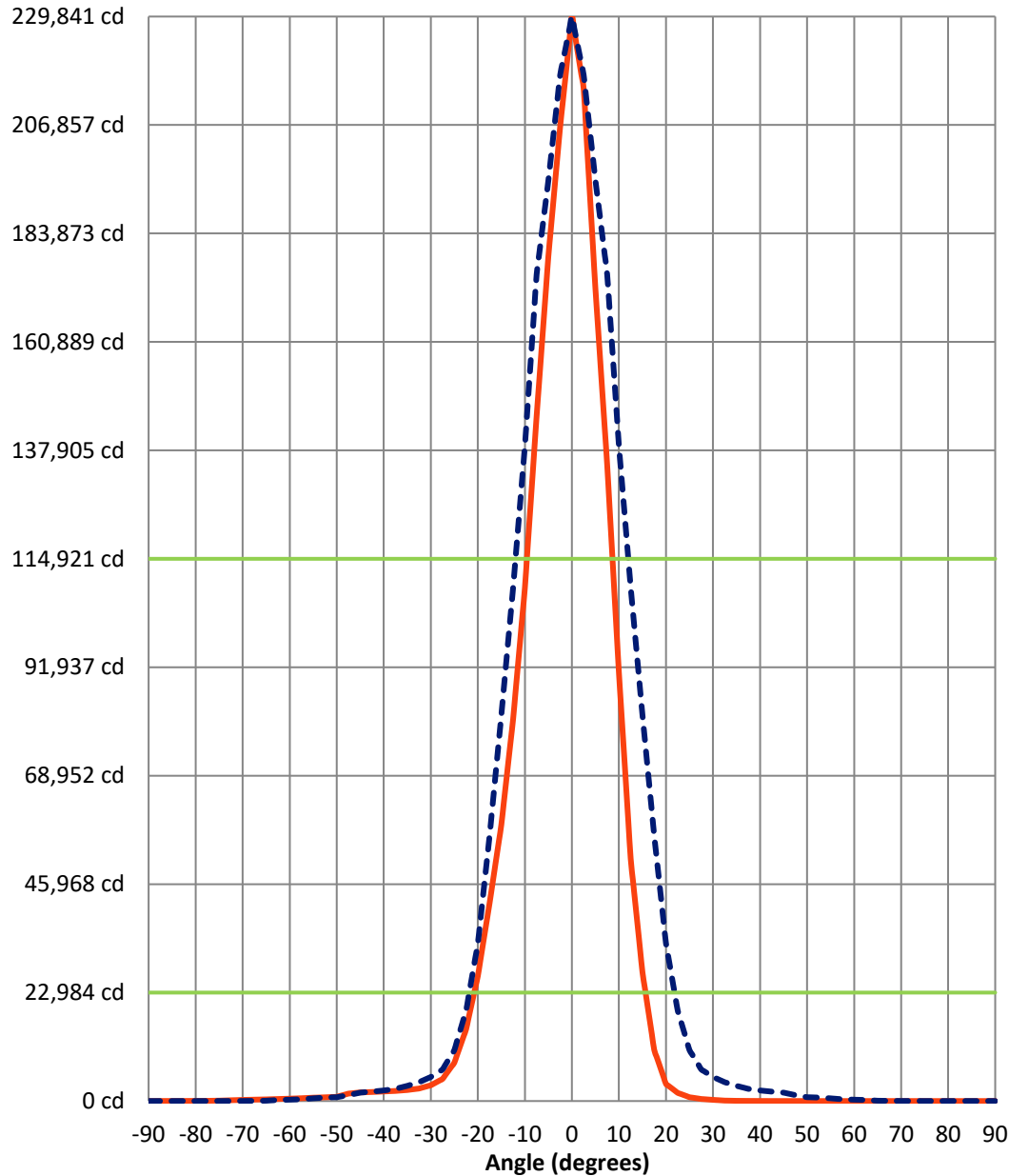
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 16436.8
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 32836.9
 Efficiency: 85.5%

Spill:
 Lumens: 5586.9
 Efficiency: 14.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3
67.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3	5.8
65°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	5.3	5.8	6.0
62.5°	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.7	6.1	5.7
60°	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.5	6.0	5.9	5.4
57.5°	4.9	4.9	4.9	4.9	5.0	5.3	5.4	5.8	6.0	5.7	5.3
55°	4.9	4.9	4.9	4.9	5.1	5.4	5.6	6.1	6.0	5.7	5.4
52.5°	4.9	4.9	5.0	4.9	5.3	5.5	5.8	6.1	6.0	5.7	5.5
50°	4.9	4.9	5.0	4.9	5.4	5.7	6.0	6.2	6.0	5.8	6.6
47.5°	4.9	4.9	5.0	4.9	5.5	5.8	6.1	6.3	6.1	5.9	7.6
45°	4.9	4.9	5.0	5.0	5.7	5.9	6.2	6.4	6.2	6.5	8.3
42.5°	4.9	4.9	5.1	5.1	5.8	6.0	6.3	6.5	6.4	6.9	9.1
40°	4.9	4.9	5.1	5.3	5.9	6.0	6.5	6.7	6.6	7.1	9.9
37.5°	4.9	4.9	5.2	5.4	6.0	6.1	6.6	6.9	7.1	7.9	10.6
35°	4.9	4.9	5.2	5.5	6.0	6.2	6.8	7.1	7.7	9.1	11.0
32.5°	4.9	4.9	5.3	5.6	6.1	6.3	7.0	7.3	8.2	10.4	12.1
30°	4.9	4.9	5.3	5.7	6.1	6.4	7.1	7.6	8.8	11.8	13.4
27.5°	4.9	4.9	5.4	5.8	6.1	6.6	7.3	8.1	9.6	13.2	15.0
25°	4.9	4.9	5.5	5.9	6.1	6.7	7.6	8.6	10.7	14.5	16.9
22.5°	4.9	4.9	5.5	5.9	6.1	6.8	7.8	9.0	11.8	15.9	20.4
20°	4.9	4.9	5.6	6.0	6.1	6.9	8.0	9.5	12.9	17.5	24.2
17.5°	4.9	4.9	5.7	6.0	6.1	7.0	8.2	10.0	14.0	19.1	28.3
15°	4.9	4.9	5.7	6.1	6.1	7.1	8.2	10.5	15.1	20.8	32.6
12.5°	4.9	4.9	5.8	6.1	6.1	7.2	8.3	11.2	16.3	22.5	37.0
10°	4.9	4.9	5.9	6.1	6.1	7.2	8.4	11.9	17.5	25.4	42.4
7.5°	4.9	4.9	5.9	6.1	6.1	7.2	8.4	12.6	18.7	28.5	50.0
5°	4.9	4.9	6.0	6.1	6.1	7.3	8.5	13.3	19.8	31.7	57.5
2.5°	4.9	4.9	6.0	6.1	6.1	7.3	8.5	14.0	20.9	34.7	64.8
0°	4.9	4.9	6.1	6.1	6.1	7.3	8.5	14.6	21.8	37.6	71.6
-2.5°	4.9	4.9	6.1	6.1	6.2	7.6	9.6	17.4	27.7	46.2	82.0
-5°	4.9	4.9	6.1	6.1	6.3	7.8	10.7	20.1	33.3	54.5	91.6
-7.5°	4.9	4.9	6.1	6.1	6.4	8.0	11.7	22.5	38.6	62.1	100.4
-10°	4.9	4.9	6.1	6.1	6.5	8.2	12.6	24.7	43.3	69.1	108.2
-12.5°	4.9	4.9	6.0	6.1	6.6	8.4	13.4	26.5	47.3	75.4	115.4
-15°	4.9	4.9	6.0	6.1	6.6	8.5	14.0	27.9	51.1	81.1	121.6
-17.5°	4.9	4.9	6.0	6.1	6.7	8.6	14.4	29.4	54.5	86.0	126.5
-20°	4.9	4.9	6.0	6.1	6.7	8.7	14.8	30.9	57.2	90.1	130.2



REPORT NUMBER: P1306047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	4.9	5.9	6.1	6.7	8.7	15.3	31.7	58.8	93.2	132.5
-25°	4.9	4.9	5.9	6.1	6.7	8.8	15.3	31.7	59.5	95.3	133.5
-27.5°	4.9	4.9	5.8	6.1	6.7	8.9	15.0	31.0	59.1	96.3	135.3
-30°	4.9	4.9	5.8	6.1	6.7	8.9	14.2	29.5	58.1	95.6	136.0
-32.5°	4.9	4.9	5.7	6.1	6.7	8.8	13.0	28.4	56.2	93.5	135.3
-35°	4.9	4.9	5.7	6.1	6.7	8.7	12.5	26.9	53.2	89.8	133.4
-37.5°	4.9	4.9	5.6	6.1	6.6	8.5	12.3	24.8	48.9	84.6	124.4
-40°	4.9	4.9	5.5	6.1	6.5	8.4	12.0	21.9	43.5	78.5	113.4
-42.5°	4.9	4.9	5.5	6.1	6.5	8.3	11.6	18.4	38.6	68.9	101.3
-45°	4.9	4.9	5.4	6.1	6.5	8.2	11.0	15.7	33.7	58.2	88.2
-47.5°	4.9	4.9	5.3	6.1	6.5	7.9	10.4	14.9	27.8	46.9	75.4
-50°	4.9	4.9	5.2	6.0	6.5	7.7	10.0	14.0	20.6	38.7	61.6
-52.5°	4.9	4.9	5.2	5.9	6.4	7.4	9.6	12.9	17.3	30.1	47.6
-55°	4.9	4.9	5.1	5.8	6.3	7.2	9.1	11.8	15.7	21.2	37.6
-57.5°	4.9	4.9	5.0	5.7	6.2	7.0	8.6	11.0	14.0	17.7	27.1
-60°	4.9	4.9	4.9	5.6	6.1	6.8	8.0	10.2	12.5	15.8	19.2
-62.5°	4.9	4.9	4.9	5.5	6.0	6.5	7.6	9.3	11.5	13.8	17.0
-65°	4.9	4.9	4.9	5.4	5.9	6.3	7.2	8.5	10.5	12.5	14.8
-67.5°	4.9	4.9	4.9	5.3	5.8	6.1	6.7	7.9	9.4	11.3	13.2
-70°	4.9	4.9	4.9	5.2	5.7	6.0	6.2	7.3	8.7	10.0	11.8
-72.5°	4.9	4.9	4.9	5.1	5.6	5.9	6.1	6.7	8.0	9.2	10.5
-75°	4.9	4.9	4.9	5.1	5.5	5.8	6.1	6.5	7.2	8.4	9.5
-77.5°	4.9	4.9	4.9	5.1	5.4	5.8	6.1	6.3	6.9	7.6	8.6
-80°	4.9	4.9	4.9	5.0	5.3	5.7	6.1	6.2	6.5	7.0	7.7
-82.5°	4.9	4.9	4.9	5.0	5.2	5.5	5.8	6.0	6.1	6.4	6.7
-85°	4.9	4.9	4.9	5.0	5.1	5.3	5.5	5.6	5.7	5.8	5.9
-87.5°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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 CATALOG NUMBER: EPH-08-320N-50-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.2	5.5	5.8
87.5°	4.7	4.6	4.5	4.3	4.2	4.0	3.8	3.6	3.6	3.6	3.6
85°	4.9	4.9	4.9	4.9	4.6	4.3	3.9	3.6	3.6	3.6	3.6
82.5°	4.9	4.9	4.9	4.9	4.6	4.3	4.0	3.8	3.8	3.8	3.7
80°	4.9	4.9	4.9	4.9	4.7	4.6	4.6	4.7	4.6	4.3	4.0
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.3	4.0
75°	4.9	4.9	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.7
72.5°	5.1	5.2	5.2	5.0	4.9	4.9	4.9	4.9	5.8	7.0	7.9
70°	5.6	5.6	5.3	5.0	4.9	5.2	6.7	8.7	10.8	12.4	14.4
67.5°	5.9	5.4	5.0	5.0	5.9	7.5	9.8	15.0	20.7	23.0	23.7
65°	5.5	5.0	5.2	6.0	7.2	11.5	17.2	23.9	28.8	28.4	27.0
62.5°	5.0	5.1	5.7	7.6	11.5	16.9	22.1	26.8	31.5	30.2	25.9
60°	5.0	5.2	7.5	11.4	15.5	19.4	24.3	27.0	29.1	28.9	22.9
57.5°	5.1	6.6	10.5	14.4	17.7	20.7	22.2	24.0	24.8	24.9	18.6
55°	5.9	9.0	12.9	16.2	18.6	18.2	18.8	19.0	19.1	17.8	12.6
52.5°	7.7	11.1	14.3	17.2	17.7	16.0	13.9	14.0	13.1	11.0	9.1
50°	9.3	12.3	15.4	17.4	16.6	13.3	10.3	10.2	9.3	8.1	7.0
47.5°	10.4	13.5	16.5	17.5	14.8	12.0	9.5	8.3	7.4	7.2	6.4
45°	11.4	14.4	17.5	16.4	13.9	11.9	9.8	7.3	7.6	7.6	7.8
42.5°	12.4	15.0	16.8	15.6	14.2	12.7	10.8	9.4	8.7	9.6	10.0
40°	12.8	15.4	16.2	16.5	15.1	14.3	14.0	12.9	11.2	12.7	13.3
37.5°	12.9	15.4	16.9	18.9	17.1	17.6	18.3	18.5	17.5	17.1	19.3
35°	12.9	15.8	20.4	22.8	21.3	22.3	24.4	25.4	25.4	24.9	28.6
32.5°	13.2	16.7	25.2	27.2	28.8	30.1	31.4	33.7	35.8	38.2	44.2
30°	15.0	21.1	30.7	32.2	38.0	43.9	42.3	43.4	48.1	63.3	76.6
27.5°	18.6	27.2	35.4	40.4	49.6	62.2	66.0	58.4	72.2	95.8	118.3
25°	23.0	44.1	40.6	50.3	67.6	86.4	96.8	95.7	109.2	139.0	165.7
22.5°	32.4	66.1	64.1	61.1	88.5	116.0	133.9	165.0	208.8	208.6	218.3
20°	48.6	87.2	93.6	101.7	119.4	150.1	175.7	258.0	349.2	380.2	346.4
17.5°	67.6	110.4	127.3	154.7	193.8	213.7	228.3	369.2	523.3	584.4	603.6
15°	88.7	135.3	163.3	214.0	276.4	311.6	373.9	534.8	716.9	820.4	897.4
12.5°	111.2	161.6	201.1	278.2	364.9	411.5	549.4	782.4	963.7	1088.6	1284.4
10°	134.5	188.8	239.9	345.4	457.4	512.6	737.4	1037.3	1226.8	1371.4	1639.2
7.5°	160.0	215.8	278.4	414.0	552.0	614.1	931.5	1294.3	1483.2	1644.3	1946.9
5°	184.9	241.7	313.0	472.4	627.8	699.7	1106.6	1546.4	1732.3	1907.2	2224.8
2.5°	207.9	266.6	346.2	526.2	688.0	759.6	1190.9	1674.7	1877.4	2094.4	2434.7
0°	228.2	290.1	377.5	575.3	742.9	816.9	1257.5	1785.5	1995.5	2241.9	2587.8
-2.5°	232.5	299.4	388.6	574.6	735.5	815.5	1264.0	1790.4	2036.2	2296.6	2635.1
-5°	233.6	306.9	397.2	568.9	723.3	810.7	1250.9	1772.3	2042.9	2283.3	2588.2
-7.5°	232.0	312.3	403.1	557.6	699.5	783.8	1177.2	1662.5	1936.1	2145.5	2432.2
-10°	227.8	311.5	396.5	532.2	661.6	742.9	1076.2	1535.8	1824.9	2005.2	2255.0
-12.5°	220.5	305.7	386.0	505.0	623.2	701.2	958.6	1395.4	1712.2	1866.1	2068.2
-15°	212.4	298.8	373.7	476.9	585.7	659.2	825.1	1243.9	1604.8	1761.6	1911.7
-17.5°	203.9	291.0	359.6	448.8	550.2	617.5	681.0	1083.0	1469.0	1655.0	1800.0
-20°	195.5	282.4	344.0	421.5	516.8	585.3	637.3	919.9	1278.1	1536.9	1682.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	187.7	273.3	329.2	400.3	487.4	559.6	612.4	760.4	1076.7	1408.4	1565.8
-25°	184.9	260.2	317.2	381.7	459.3	533.6	588.0	625.0	886.4	1214.8	1454.6
-27.5°	185.0	249.2	305.6	361.8	431.1	506.0	560.3	598.4	741.7	1024.5	1329.3
-30°	183.3	236.0	292.9	342.4	406.5	474.2	531.6	584.3	629.6	855.9	1125.0
-32.5°	176.4	222.1	277.6	327.2	381.7	443.5	508.0	564.4	613.6	687.3	931.0
-35°	167.1	210.6	260.9	311.0	356.6	416.1	479.6	541.3	593.5	639.2	750.4
-37.5°	158.5	197.5	243.7	293.0	337.9	388.9	449.0	510.8	567.0	621.3	671.5
-40°	148.8	183.0	227.2	273.7	318.4	363.0	417.3	475.7	534.9	597.5	658.0
-42.5°	137.6	170.9	209.7	253.5	296.0	339.6	384.1	439.0	498.6	564.8	627.9
-45°	122.9	157.6	191.3	230.8	271.0	313.4	356.3	400.6	458.1	519.2	585.2
-47.5°	106.9	142.2	174.9	206.5	244.5	284.0	325.7	369.2	414.6	470.3	529.5
-50°	90.1	123.0	156.3	184.8	216.6	253.1	291.5	334.6	377.9	421.6	472.0
-52.5°	73.8	102.5	133.7	163.3	190.7	221.3	256.9	296.0	337.3	379.3	418.3
-55°	56.6	82.7	109.6	138.5	166.2	192.2	220.9	256.0	293.0	331.9	367.6
-57.5°	42.7	62.4	86.3	111.5	138.3	164.6	189.7	215.2	247.1	281.4	312.0
-60°	30.7	45.0	63.3	85.5	108.5	133.3	158.5	182.2	205.6	228.1	255.4
-62.5°	20.1	31.3	44.2	59.8	80.1	101.1	123.4	146.3	169.0	188.5	206.5
-65°	17.6	20.2	28.9	40.6	52.2	71.1	90.0	108.3	128.2	146.1	163.5
-67.5°	15.1	17.4	19.7	23.8	34.3	46.0	58.3	74.9	90.7	103.7	116.5
-70°	13.4	14.8	16.7	18.8	20.9	25.7	36.0	46.7	57.3	67.2	78.2
-72.5°	11.8	13.1	14.3	15.5	17.4	19.6	22.0	24.4	30.3	38.2	45.8
-75°	10.4	11.3	12.4	13.5	14.7	16.1	17.6	19.5	21.4	23.1	24.6
-77.5°	9.3	9.9	10.7	11.5	12.5	13.5	14.6	15.8	17.0	18.3	19.6
-80°	8.1	8.5	9.0	9.5	10.3	11.1	11.9	12.7	13.4	14.3	15.2
-82.5°	7.0	7.3	7.6	7.8	8.3	8.8	9.5	10.1	10.3	10.6	10.9
-85°	6.0	6.1	6.3	6.5	6.7	7.0	7.3	7.6	7.7	7.7	7.7
-87.5°	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.7	5.9	6.0	6.0
-90°	4.6	4.3	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.1	6.4	6.7	7.0	7.3	10.0	12.7	15.5	18.2	22.7	27.3
87.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	1.2	1.2
85°	3.6	3.3	3.0	2.7	2.4	2.4	2.3	2.3	2.3	2.1	1.8
82.5°	3.6	3.3	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.1	1.8
80°	3.7	3.4	3.3	3.2	3.2	3.0	2.9	2.7	2.4	2.4	2.4
77.5°	3.8	3.8	3.8	3.8	3.6	3.4	3.1	2.7	2.4	2.4	2.4
75°	4.8	4.9	5.0	4.8	4.4	4.1	3.9	3.7	3.4	3.2	3.0
72.5°	8.5	8.6	8.2	7.9	7.1	6.8	6.8	6.7	6.5	6.4	6.4
70°	15.6	15.8	15.2	13.7	11.6	10.2	9.5	8.7	7.7	7.3	7.2
67.5°	22.1	20.3	18.3	16.2	13.6	11.4	10.1	8.9	7.8	7.2	6.9
65°	24.2	19.8	16.6	14.0	12.0	10.3	8.9	7.6	6.3	5.5	5.2
62.5°	21.1	15.8	12.5	10.6	9.2	8.3	6.9	5.7	4.7	4.1	4.2
60°	17.2	11.6	8.6	7.6	6.7	6.1	5.4	4.6	4.0	3.6	3.7
57.5°	12.8	8.5	6.1	5.9	5.6	5.1	4.7	4.3	3.9	3.6	3.6
55°	8.9	7.0	6.1	5.8	5.5	5.1	4.8	4.4	4.0	3.6	3.6
52.5°	7.0	6.4	6.1	5.9	5.6	5.2	4.9	4.5	4.1	3.7	3.6
50°	6.4	6.2	6.2	6.0	5.7	5.3	4.9	4.7	4.6	4.5	4.5
47.5°	6.6	6.7	6.6	6.1	5.9	6.0	6.0	6.0	6.0	5.8	5.7
45°	7.5	7.5	7.4	7.3	7.0	7.7	8.1	8.2	9.5	9.0	7.6
42.5°	9.3	9.7	10.3	10.9	10.0	12.8	17.2	20.1	17.2	13.6	11.5
40°	14.0	14.4	17.5	19.0	22.6	26.6	24.2	20.2	18.0	19.3	20.0
37.5°	22.1	25.8	30.9	36.5	35.1	29.1	29.8	29.7	28.7	31.2	31.3
35°	36.1	45.2	49.4	50.8	48.3	46.4	48.1	49.7	46.0	51.9	53.8
32.5°	59.0	70.0	72.5	69.9	70.3	74.3	77.3	82.9	88.4	97.2	107.8
30°	87.0	98.9	104.6	99.4	100.5	110.1	116.4	129.0	149.1	172.2	200.8
27.5°	128.8	137.7	147.9	149.3	144.5	158.7	180.9	194.1	248.2	284.1	348.6
25°	184.0	197.8	206.8	222.0	230.2	247.3	289.8	330.7	413.8	494.8	632.1
22.5°	256.6	300.8	317.1	314.8	362.7	408.7	444.9	559.5	723.2	962.9	1232.7
20°	352.4	443.3	520.6	545.8	562.8	684.2	809.1	1164.7	1572.3	2252.6	2781.4
17.5°	635.1	665.0	834.9	973.1	1038.9	1296.1	1879.2	2774.3	4312.7	6417.6	7711.7
15°	1060.4	1145.8	1316.1	1608.5	1970.3	2652.2	3625.6	6479.1	10424.6	14736.2	18841.0
12.5°	1530.0	1708.2	2020.1	2450.7	3025.2	4970.8	8112.3	13480.8	20785.1	28255.2	37782.4
10°	1965.8	2324.2	2836.1	3562.9	5037.9	8361.7	13649.6	22775.3	35713.6	49204.5	62682.5
7.5°	2321.2	2834.0	3582.7	4671.4	7315.0	12651.2	21323.4	34768.9	51357.8	68714.6	86988.7
5°	2680.3	3329.4	4231.1	5548.4	8807.1	15965.2	27500.2	45907.5	67315.7	89185.7	112215.1
2.5°	2991.5	3750.9	4794.8	6333.8	9810.5	17758.8	31226.4	53892.6	79027.9	105199.0	134530.5
0°	3221.5	3994.7	5104.1	6705.1	10799.3	19155.2	33407.7	56252.9	81818.2	108837.1	138815.1
-2.5°	3189.4	3888.7	4894.3	6483.2	10455.7	18903.3	32045.3	54309.6	79330.6	104658.2	131394.7
-5°	3043.7	3651.8	4552.9	5975.1	9269.3	16401.0	28757.0	49275.9	72542.2	95687.5	119476.5
-7.5°	2821.7	3347.8	4137.5	5359.3	7901.2	13516.9	23785.4	39836.3	59839.1	79620.5	97971.5
-10°	2592.2	3020.8	3660.9	4626.3	6439.5	10363.4	17624.8	29624.2	46258.9	62549.5	76612.3
-12.5°	2376.6	2695.7	3150.9	3823.1	4940.7	7758.2	13241.1	21995.7	33107.2	45632.1	57809.1
-15°	2175.4	2411.4	2738.3	3280.4	4174.9	5846.1	8822.6	14656.8	22472.5	31215.2	39632.7
-17.5°	1991.0	2185.6	2440.7	2822.4	3376.6	4410.1	6495.2	9830.8	14549.6	20768.3	26581.2
-20°	1825.7	2002.0	2192.8	2478.8	2904.4	3512.7	4539.2	6609.9	9333.0	13252.5	17096.8



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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°	1696.3	1834.8	1983.1	2201.8	2556.6	2988.0	3498.3	4346.6	5845.4	7855.9	10132.8
-25°	1578.1	1680.6	1834.5	2069.9	2312.9	2600.7	2910.1	3250.3	3915.3	4561.9	5754.0
-27.5°	1465.6	1573.8	1734.1	1946.5	2168.2	2302.6	2500.5	2710.7	3028.8	3309.6	3784.4
-30°	1371.9	1485.4	1621.5	1800.8	1987.5	2114.0	2217.0	2369.1	2545.5	2721.5	2925.9
-32.5°	1195.7	1412.2	1506.6	1643.3	1811.4	1944.5	2035.7	2148.7	2242.9	2352.4	2463.4
-35°	1002.9	1241.8	1436.9	1525.3	1641.5	1789.6	1919.2	2009.9	2082.9	2150.5	2214.1
-37.5°	784.7	1033.1	1246.2	1425.6	1531.9	1631.2	1768.5	1890.6	1978.5	2024.9	2066.3
-40°	701.7	773.4	998.5	1204.2	1364.3	1519.7	1626.7	1746.4	1847.9	1912.1	1960.1
-42.5°	687.5	724.3	753.4	909.3	1103.6	1270.0	1411.8	1551.3	1675.4	1767.4	1841.7
-45°	649.2	693.0	733.8	762.7	792.6	939.7	1097.9	1252.1	1392.1	1517.4	1626.9
-47.5°	587.1	639.5	683.1	724.9	757.5	783.1	812.8	861.9	993.0	1121.7	1244.0
-50°	519.7	567.1	614.5	659.5	694.8	725.8	754.4	778.8	803.4	829.2	853.6
-52.5°	453.2	495.5	537.6	577.1	614.7	650.2	683.1	707.3	728.0	746.3	760.0
-55°	400.7	432.2	462.9	496.4	529.8	561.1	589.7	615.9	639.7	661.0	677.4
-57.5°	342.8	373.8	403.1	428.2	452.6	476.1	500.4	523.7	544.2	562.0	576.4
-60°	282.4	308.7	334.9	359.6	383.1	405.2	425.2	443.5	460.0	474.2	484.8
-62.5°	224.0	244.8	268.4	289.8	308.7	326.8	347.3	365.8	382.2	395.8	405.9
-65°	179.9	194.9	211.7	228.4	244.7	262.3	280.2	296.0	310.0	321.4	330.4
-67.5°	131.1	145.8	162.2	177.2	190.9	205.8	222.9	238.6	252.9	264.5	273.9
-70°	88.4	98.8	111.8	125.7	139.2	153.4	169.0	184.0	198.4	209.4	218.3
-72.5°	53.0	59.8	66.8	75.9	85.4	97.1	110.2	123.3	136.4	145.8	153.2
-75°	25.9	28.7	34.4	39.7	44.5	50.7	57.4	63.6	69.5	73.7	77.2
-77.5°	21.0	22.3	23.6	24.9	26.1	28.8	32.1	35.5	39.0	41.8	44.4
-80°	16.2	17.0	17.9	18.8	19.8	21.9	24.2	26.4	28.6	30.4	32.0
-82.5°	11.3	11.7	12.1	12.5	12.9	14.4	15.9	17.4	18.8	20.2	21.6
-85°	7.6	7.7	7.9	8.0	8.0	9.6	11.1	12.7	14.3	15.6	16.9
-87.5°	6.1	6.1	6.2	6.2	6.2	7.5	8.7	10.0	11.1	12.4	13.6
-90°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6



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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°	31.8	36.4	33.3	30.3	33.3	36.4	31.8	27.3	22.7	18.2	15.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
75°	2.7	2.4	3.0	3.6	3.0	2.4	2.7	3.0	3.2	3.4	3.7
72.5°	6.2	6.0	6.1	6.1	6.1	6.0	6.2	6.4	6.4	6.5	6.7
70°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.3	7.7	8.7
67.5°	6.5	6.2	6.1	6.1	6.1	6.2	6.5	6.9	7.2	7.8	8.9
65°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.2	5.5	6.3	7.6
62.5°	4.5	4.8	4.9	4.9	4.9	4.8	4.5	4.2	4.1	4.7	5.7
60°	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.7	3.6	4.0	4.6
57.5°	3.6	3.6	4.1	4.9	4.1	3.6	3.6	3.6	3.6	3.9	4.3
55°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.0	4.4
52.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.1	4.5
50°	4.7	4.8	4.9	4.9	4.9	4.8	4.7	4.5	4.5	4.6	4.7
47.5°	5.9	6.0	5.7	4.9	5.7	6.0	5.9	5.7	5.8	6.0	6.0
45°	7.6	7.4	7.3	7.3	7.3	7.4	7.6	7.6	9.0	9.5	8.2
42.5°	11.8	12.0	12.0	12.1	12.0	12.0	11.8	11.5	13.6	17.2	20.1
40°	21.0	21.4	21.5	21.8	21.5	21.4	21.0	20.0	19.3	18.0	20.2
37.5°	31.8	32.3	32.5	32.8	32.5	32.3	31.8	31.3	31.2	28.7	29.7
35°	53.6	53.4	51.6	52.2	51.6	53.4	53.6	53.8	51.9	46.0	49.7
32.5°	115.1	115.9	110.0	100.7	110.0	115.9	115.1	107.8	97.2	88.4	82.9
30°	222.4	241.4	254.2	254.9	254.2	241.4	222.4	200.8	172.2	149.1	129.0
27.5°	391.7	421.3	433.9	440.6	433.9	421.3	391.7	348.6	284.1	248.2	194.1
25°	740.1	808.0	844.6	816.9	844.6	808.0	740.1	632.1	494.8	413.8	330.7
22.5°	1489.2	1619.0	1729.6	1735.8	1729.6	1619.0	1489.2	1232.7	962.9	723.2	559.5
20°	3516.8	3487.3	3767.0	3626.9	3767.0	3487.3	3516.8	2781.4	2252.6	1572.3	1164.7
17.5°	9975.1	11078.5	11688.3	10853.9	11688.3	11078.5	9975.1	7711.7	6417.6	4312.7	2774.3
15°	22932.4	25685.0	27547.4	27309.5	27547.4	25685.0	22932.4	18841.0	14736.2	10424.6	6479.1
12.5°	43118.8	47642.0	51497.5	51335.7	51497.5	47642.0	43118.8	37782.4	28255.2	20785.1	13480.8
10°	74690.2	82576.1	89925.5	90691.1	89925.5	82576.1	74690.2	62682.5	49204.5	35713.6	22775.3
7.5°	103777.4	121535.7	132121.0	134836.9	132121.0	121535.7	103777.4	86988.7	68714.6	51357.8	34768.9
5°	140199.5	160764.3	171889.6	172186.5	171889.6	160764.3	140199.5	112215.1	89185.7	67315.7	45907.5
2.5°	167162.1	190326.8	203987.1	214556.4	203987.1	190326.8	167162.1	134530.5	105199.0	79027.9	53892.6
0°	175181.0	195157.8	217448.3	229841.3	217448.3	195157.8	175181.0	138815.1	108837.1	81818.2	56252.9
-2.5°	164436.1	185351.6	196416.8	206497.2	196416.8	185351.6	164436.1	131394.7	104658.2	79330.6	54309.6
-5°	144023.6	166176.5	176807.9	179077.3	176807.9	166176.5	144023.6	119476.5	95687.5	72542.2	49275.9
-7.5°	114599.8	130191.8	140955.0	145176.1	140955.0	130191.8	114599.8	97971.5	79620.5	59839.1	39836.3
-10°	89690.0	99758.3	105144.5	108726.0	105144.5	99758.3	89690.0	76612.3	62549.5	46258.9	29624.2
-12.5°	67623.7	74901.9	79126.1	80964.9	79126.1	74901.9	67623.7	57809.1	45632.1	33107.2	21995.7
-15°	48134.1	53893.3	56753.6	58574.9	56753.6	53893.3	48134.1	39632.7	31215.2	22472.5	14656.8
-17.5°	32978.2	37609.0	40248.5	41965.1	40248.5	37609.0	32978.2	26581.2	20768.3	14549.6	9830.8
-20°	21100.3	23857.7	25888.6	26480.5	25888.6	23857.7	21100.3	17096.8	13252.5	9333.0	6609.9



REPORT NUMBER: P1306047 (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°	12328.2	13951.7	14974.5	15206.6	14974.5	13951.7	12328.2	10132.8	7855.9	5845.4	4346.6
-25°	6703.1	7410.5	7947.1	8128.9	7947.1	7410.5	6703.1	5754.0	4561.9	3915.3	3250.3
-27.5°	4116.4	4389.9	4588.1	4690.2	4588.1	4389.9	4116.4	3784.4	3309.6	3028.8	2710.7
-30°	3096.2	3220.9	3295.4	3345.3	3295.4	3220.9	3096.2	2925.9	2721.5	2545.5	2369.1
-32.5°	2542.1	2598.0	2631.6	2654.6	2631.6	2598.0	2542.1	2463.4	2352.4	2242.9	2148.7
-35°	2264.3	2300.6	2325.5	2337.8	2325.5	2300.6	2264.3	2214.1	2150.5	2082.9	2009.9
-37.5°	2097.0	2119.9	2136.4	2146.0	2136.4	2119.9	2097.0	2066.3	2024.9	1978.5	1890.6
-40°	1983.0	1999.0	2012.3	2027.1	2012.3	1999.0	1983.0	1960.1	1912.1	1847.9	1746.4
-42.5°	1879.0	1902.7	1914.7	1917.8	1914.7	1902.7	1879.0	1841.7	1767.4	1675.4	1551.3
-45°	1710.7	1776.8	1817.4	1830.4	1817.4	1776.8	1710.7	1626.9	1517.4	1392.1	1252.1
-47.5°	1356.4	1455.3	1529.9	1575.5	1529.9	1455.3	1356.4	1244.0	1121.7	993.0	861.9
-50°	876.4	897.4	905.6	900.6	905.6	897.4	876.4	853.6	829.2	803.4	778.8
-52.5°	770.9	779.3	786.3	791.4	786.3	779.3	770.9	760.0	746.3	728.0	707.3
-55°	690.2	699.6	708.5	716.1	708.5	699.6	690.2	677.4	661.0	639.7	615.9
-57.5°	588.5	598.1	601.7	600.8	601.7	598.1	588.5	576.4	562.0	544.2	523.7
-60°	493.6	500.4	505.5	508.6	505.5	500.4	493.6	484.8	474.2	460.0	443.5
-62.5°	413.9	419.8	426.4	432.1	426.4	419.8	413.9	405.9	395.8	382.2	365.8
-65°	338.0	344.3	349.3	353.2	349.3	344.3	338.0	330.4	321.4	310.0	296.0
-67.5°	282.3	289.7	295.3	299.8	295.3	289.7	282.3	273.9	264.5	252.9	238.6
-70°	226.5	233.9	238.4	241.5	238.4	233.9	226.5	218.3	209.4	198.4	184.0
-72.5°	159.6	165.0	167.5	168.7	167.5	165.0	159.6	153.2	145.8	136.4	123.3
-75°	80.3	82.9	85.3	87.4	85.3	82.9	80.3	77.2	73.7	69.5	63.6
-77.5°	46.9	49.4	50.9	52.2	50.9	49.4	46.9	44.4	41.8	39.0	35.5
-80°	33.5	35.0	36.3	37.6	36.3	35.0	33.5	32.0	30.4	28.6	26.4
-82.5°	22.9	24.2	24.9	25.5	24.9	24.2	22.9	21.6	20.2	18.8	17.4
-85°	18.1	19.4	20.0	20.6	20.0	19.4	18.1	16.9	15.6	14.3	12.7
-87.5°	14.7	15.9	16.4	17.0	16.4	15.9	14.7	13.6	12.4	11.1	10.0
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.7	10.0	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9
87.5°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6
85°	2.3	2.4	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6
82.5°	2.4	2.4	2.4	2.7	3.0	3.3	3.6	3.7	3.8	3.8	3.8
80°	2.9	3.0	3.2	3.2	3.3	3.4	3.7	4.0	4.3	4.6	4.7
77.5°	3.1	3.4	3.6	3.8	3.8	3.8	3.8	4.0	4.3	4.7	4.9
75°	3.9	4.1	4.4	4.8	5.0	4.9	4.8	4.7	4.7	4.8	4.9
72.5°	6.8	6.8	7.1	7.9	8.2	8.6	8.5	7.9	7.0	5.8	4.9
70°	9.5	10.2	11.6	13.7	15.2	15.8	15.6	14.4	12.4	10.8	8.7
67.5°	10.1	11.4	13.6	16.2	18.3	20.3	22.1	23.7	23.0	20.7	15.0
65°	8.9	10.3	12.0	14.0	16.6	19.8	24.2	27.0	28.4	28.8	23.9
62.5°	6.9	8.3	9.2	10.6	12.5	15.8	21.1	25.9	30.2	31.5	26.8
60°	5.4	6.1	6.7	7.6	8.6	11.6	17.2	22.9	28.9	29.1	27.0
57.5°	4.7	5.1	5.6	5.9	6.1	8.5	12.8	18.6	24.9	24.8	24.0
55°	4.8	5.1	5.5	5.8	6.1	7.0	8.9	12.6	17.8	19.1	19.0
52.5°	4.9	5.2	5.6	5.9	6.1	6.4	7.0	9.1	11.0	13.1	14.0
50°	4.9	5.3	5.7	6.0	6.2	6.2	6.4	7.0	8.1	9.3	10.2
47.5°	6.0	6.0	5.9	6.1	6.6	6.7	6.6	6.4	7.2	7.4	8.3
45°	8.1	7.7	7.0	7.3	7.4	7.5	7.5	7.8	7.6	7.6	7.3
42.5°	17.2	12.8	10.0	10.9	10.3	9.7	9.3	10.0	9.6	8.7	9.4
40°	24.2	26.6	22.6	19.0	17.5	14.4	14.0	13.3	12.7	11.2	12.9
37.5°	29.8	29.1	35.1	36.5	30.9	25.8	22.1	19.3	17.1	17.5	18.5
35°	48.1	46.4	48.3	50.8	49.4	45.2	36.1	28.6	24.9	25.4	25.4
32.5°	77.3	74.3	70.3	69.9	72.5	70.0	59.0	44.2	38.2	35.8	33.7
30°	116.4	110.1	100.5	99.4	104.6	98.9	87.0	76.6	63.3	48.1	43.4
27.5°	180.9	158.7	144.5	149.3	147.9	137.7	128.8	118.3	95.8	72.2	58.4
25°	289.8	247.3	230.2	222.0	206.8	197.8	184.0	165.7	139.0	109.2	95.7
22.5°	444.9	408.7	362.7	314.8	317.1	300.8	256.6	218.3	208.6	208.8	165.0
20°	809.1	684.2	562.8	545.8	520.6	443.3	352.4	346.4	380.2	349.2	258.0
17.5°	1879.2	1296.1	1038.9	973.1	834.9	665.0	635.1	603.6	584.4	523.3	369.2
15°	3625.6	2652.2	1970.3	1608.5	1316.1	1145.8	1060.4	897.4	820.4	716.9	534.8
12.5°	8112.3	4970.8	3025.2	2450.7	2020.1	1708.2	1530.0	1284.4	1088.6	963.7	782.4
10°	13649.6	8361.7	5037.9	3562.9	2836.1	2324.2	1965.8	1639.2	1371.4	1226.8	1037.3
7.5°	21323.4	12651.2	7315.0	4671.4	3582.7	2834.0	2321.2	1946.9	1644.3	1483.2	1294.3
5°	27500.2	15965.2	8807.1	5548.4	4231.1	3329.4	2680.3	2224.8	1907.2	1732.3	1546.4
2.5°	31226.4	17758.8	9810.5	6333.8	4794.8	3750.9	2991.5	2434.7	2094.4	1877.4	1674.7
0°	33407.7	19155.2	10799.3	6705.1	5104.1	3994.7	3221.5	2587.8	2241.9	1995.5	1785.5
-2.5°	32045.3	18903.3	10455.7	6483.2	4894.3	3888.7	3189.4	2635.1	2296.6	2036.2	1790.4
-5°	28757.0	16401.0	9269.3	5975.1	4552.9	3651.8	3043.7	2588.2	2283.3	2042.9	1772.3
-7.5°	23785.4	13516.9	7901.2	5359.3	4137.5	3347.8	2821.7	2432.2	2145.5	1936.1	1662.5
-10°	17624.8	10363.4	6439.5	4626.3	3660.9	3020.8	2592.2	2255.0	2005.2	1824.9	1535.8
-12.5°	13241.1	7758.2	4940.7	3823.1	3150.9	2695.7	2376.6	2068.2	1866.1	1712.2	1395.4
-15°	8822.6	5846.1	4174.9	3280.4	2738.3	2411.4	2175.4	1911.7	1761.6	1604.8	1243.9
-17.5°	6495.2	4410.1	3376.6	2822.4	2440.7	2185.6	1991.0	1800.0	1655.0	1469.0	1083.0
-20°	4539.2	3512.7	2904.4	2478.8	2192.8	2002.0	1825.7	1682.5	1536.9	1278.1	919.9



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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°	3498.3	2988.0	2556.6	2201.8	1983.1	1834.8	1696.3	1565.8	1408.4	1076.7	760.4
-25°	2910.1	2600.7	2312.9	2069.9	1834.5	1680.6	1578.1	1454.6	1214.8	886.4	625.0
-27.5°	2500.5	2302.6	2168.2	1946.5	1734.1	1573.8	1465.6	1329.3	1024.5	741.7	598.4
-30°	2217.0	2114.0	1987.5	1800.8	1621.5	1485.4	1371.9	1125.0	855.9	629.6	584.3
-32.5°	2035.7	1944.5	1811.4	1643.3	1506.6	1412.2	1195.7	931.0	687.3	613.6	564.4
-35°	1919.2	1789.6	1641.5	1525.3	1436.9	1241.8	1002.9	750.4	639.2	593.5	541.3
-37.5°	1768.5	1631.2	1531.9	1425.6	1246.2	1033.1	784.7	671.5	621.3	567.0	510.8
-40°	1626.7	1519.7	1364.3	1204.2	998.5	773.4	701.7	658.0	597.5	534.9	475.7
-42.5°	1411.8	1270.0	1103.6	909.3	753.4	724.3	687.5	627.9	564.8	498.6	439.0
-45°	1097.9	939.7	792.6	762.7	733.8	693.0	649.2	585.2	519.2	458.1	400.6
-47.5°	812.8	783.1	757.5	724.9	683.1	639.5	587.1	529.5	470.3	414.6	369.2
-50°	754.4	725.8	694.8	659.5	614.5	567.1	519.7	472.0	421.6	377.9	334.6
-52.5°	683.1	650.2	614.7	577.1	537.6	495.5	453.2	418.3	379.3	337.3	296.0
-55°	589.7	561.1	529.8	496.4	462.9	432.2	400.7	367.6	331.9	293.0	256.0
-57.5°	500.4	476.1	452.6	428.2	403.1	373.8	342.8	312.0	281.4	247.1	215.2
-60°	425.2	405.2	383.1	359.6	334.9	308.7	282.4	255.4	228.1	205.6	182.2
-62.5°	347.3	326.8	308.7	289.8	268.4	244.8	224.0	206.5	188.5	169.0	146.3
-65°	280.2	262.3	244.7	228.4	211.7	194.9	179.9	163.5	146.1	128.2	108.3
-67.5°	222.9	205.8	190.9	177.2	162.2	145.8	131.1	116.5	103.7	90.7	74.9
-70°	169.0	153.4	139.2	125.7	111.8	98.8	88.4	78.2	67.2	57.3	46.7
-72.5°	110.2	97.1	85.4	75.9	66.8	59.8	53.0	45.8	38.2	30.3	24.4
-75°	57.4	50.7	44.5	39.7	34.4	28.7	25.9	24.6	23.1	21.4	19.5
-77.5°	32.1	28.8	26.1	24.9	23.6	22.3	21.0	19.6	18.3	17.0	15.8
-80°	24.2	21.9	19.8	18.8	17.9	17.0	16.2	15.2	14.3	13.4	12.7
-82.5°	15.9	14.4	12.9	12.5	12.1	11.7	11.3	10.9	10.6	10.3	10.1
-85°	11.1	9.6	8.0	8.0	7.9	7.7	7.6	7.7	7.7	7.7	7.6
-87.5°	8.7	7.5	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.7
-90°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6



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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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	3.8	4.0	4.2	4.3	4.5	4.6	4.7	4.9	4.9	4.9	4.9
85°	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.6	4.6	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	5.0	5.2	5.2	5.1	4.9	4.9	4.9	4.9
70°	6.7	5.2	4.9	5.0	5.3	5.6	5.6	5.3	4.9	4.9	4.9
67.5°	9.8	7.5	5.9	5.0	5.0	5.4	5.9	5.8	5.3	4.9	4.9
65°	17.2	11.5	7.2	6.0	5.2	5.0	5.5	6.0	5.8	5.3	4.9
62.5°	22.1	16.9	11.5	7.6	5.7	5.1	5.0	5.7	6.1	5.7	5.1
60°	24.3	19.4	15.5	11.4	7.5	5.2	5.0	5.4	5.9	6.0	5.5
57.5°	22.2	20.7	17.7	14.4	10.5	6.6	5.1	5.3	5.7	6.0	5.8
55°	18.8	18.2	18.6	16.2	12.9	9.0	5.9	5.4	5.7	6.0	6.1
52.5°	13.9	16.0	17.7	17.2	14.3	11.1	7.7	5.5	5.7	6.0	6.1
50°	10.3	13.3	16.6	17.4	15.4	12.3	9.3	6.6	5.8	6.0	6.2
47.5°	9.5	12.0	14.8	17.5	16.5	13.5	10.4	7.6	5.9	6.1	6.3
45°	9.8	11.9	13.9	16.4	17.5	14.4	11.4	8.3	6.5	6.2	6.4
42.5°	10.8	12.7	14.2	15.6	16.8	15.0	12.4	9.1	6.9	6.4	6.5
40°	14.0	14.3	15.1	16.5	16.2	15.4	12.8	9.9	7.1	6.6	6.7
37.5°	18.3	17.6	17.1	18.9	16.9	15.4	12.9	10.6	7.9	7.1	6.9
35°	24.4	22.3	21.3	22.8	20.4	15.8	12.9	11.0	9.1	7.7	7.1
32.5°	31.4	30.1	28.8	27.2	25.2	16.7	13.2	12.1	10.4	8.2	7.3
30°	42.3	43.9	38.0	32.2	30.7	21.1	15.0	13.4	11.8	8.8	7.6
27.5°	66.0	62.2	49.6	40.4	35.4	27.2	18.6	15.0	13.2	9.6	8.1
25°	96.8	86.4	67.6	50.3	40.6	44.1	23.0	16.9	14.5	10.7	8.6
22.5°	133.9	116.0	88.5	61.1	64.1	66.1	32.4	20.4	15.9	11.8	9.0
20°	175.7	150.1	119.4	101.7	93.6	87.2	48.6	24.2	17.5	12.9	9.5
17.5°	228.3	213.7	193.8	154.7	127.3	110.4	67.6	28.3	19.1	14.0	10.0
15°	373.9	311.6	276.4	214.0	163.3	135.3	88.7	32.6	20.8	15.1	10.5
12.5°	549.4	411.5	364.9	278.2	201.1	161.6	111.2	37.0	22.5	16.3	11.2
10°	737.4	512.6	457.4	345.4	239.9	188.8	134.5	42.4	25.4	17.5	11.9
7.5°	931.5	614.1	552.0	414.0	278.4	215.8	160.0	50.0	28.5	18.7	12.6
5°	1106.6	699.7	627.8	472.4	313.0	241.7	184.9	57.5	31.7	19.8	13.3
2.5°	1190.9	759.6	688.0	526.2	346.2	266.6	207.9	64.8	34.7	20.9	14.0
0°	1257.5	816.9	742.9	575.3	377.5	290.1	228.2	71.6	37.6	21.8	14.6
-2.5°	1264.0	815.5	735.5	574.6	388.6	299.4	232.5	82.0	46.2	27.7	17.4
-5°	1250.9	810.7	723.3	568.9	397.2	306.9	233.6	91.6	54.5	33.3	20.1
-7.5°	1177.2	783.8	699.5	557.6	403.1	312.3	232.0	100.4	62.1	38.6	22.5
-10°	1076.2	742.9	661.6	532.2	396.5	311.5	227.8	108.2	69.1	43.3	24.7
-12.5°	958.6	701.2	623.2	505.0	386.0	305.7	220.5	115.4	75.4	47.3	26.5
-15°	825.1	659.2	585.7	476.9	373.7	298.8	212.4	121.6	81.1	51.1	27.9
-17.5°	681.0	617.5	550.2	448.8	359.6	291.0	203.9	126.5	86.0	54.5	29.4
-20°	637.3	585.3	516.8	421.5	344.0	282.4	195.5	130.2	90.1	57.2	30.9



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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°	612.4	559.6	487.4	400.3	329.2	273.3	187.7	132.5	93.2	58.8	31.7
-25°	588.0	533.6	459.3	381.7	317.2	260.2	184.9	133.5	95.3	59.5	31.7
-27.5°	560.3	506.0	431.1	361.8	305.6	249.2	185.0	135.3	96.3	59.1	31.0
-30°	531.6	474.2	406.5	342.4	292.9	236.0	183.3	136.0	95.6	58.1	29.5
-32.5°	508.0	443.5	381.7	327.2	277.6	222.1	176.4	135.3	93.5	56.2	28.4
-35°	479.6	416.1	356.6	311.0	260.9	210.6	167.1	133.4	89.8	53.2	26.9
-37.5°	449.0	388.9	337.9	293.0	243.7	197.5	158.5	124.4	84.6	48.9	24.8
-40°	417.3	363.0	318.4	273.7	227.2	183.0	148.8	113.4	78.5	43.5	21.9
-42.5°	384.1	339.6	296.0	253.5	209.7	170.9	137.6	101.3	68.9	38.6	18.4
-45°	356.3	313.4	271.0	230.8	191.3	157.6	122.9	88.2	58.2	33.7	15.7
-47.5°	325.7	284.0	244.5	206.5	174.9	142.2	106.9	75.4	46.9	27.8	14.9
-50°	291.5	253.1	216.6	184.8	156.3	123.0	90.1	61.6	38.7	20.6	14.0
-52.5°	256.9	221.3	190.7	163.3	133.7	102.5	73.8	47.6	30.1	17.3	12.9
-55°	220.9	192.2	166.2	138.5	109.6	82.7	56.6	37.6	21.2	15.7	11.8
-57.5°	189.7	164.6	138.3	111.5	86.3	62.4	42.7	27.1	17.7	14.0	11.0
-60°	158.5	133.3	108.5	85.5	63.3	45.0	30.7	19.2	15.8	12.5	10.2
-62.5°	123.4	101.1	80.1	59.8	44.2	31.3	20.1	17.0	13.8	11.5	9.3
-65°	90.0	71.1	52.2	40.6	28.9	20.2	17.6	14.8	12.5	10.5	8.5
-67.5°	58.3	46.0	34.3	23.8	19.7	17.4	15.1	13.2	11.3	9.4	7.9
-70°	36.0	25.7	20.9	18.8	16.7	14.8	13.4	11.8	10.0	8.7	7.3
-72.5°	22.0	19.6	17.4	15.5	14.3	13.1	11.8	10.5	9.2	8.0	6.7
-75°	17.6	16.1	14.7	13.5	12.4	11.3	10.4	9.5	8.4	7.2	6.5
-77.5°	14.6	13.5	12.5	11.5	10.7	9.9	9.3	8.6	7.6	6.9	6.3
-80°	11.9	11.1	10.3	9.5	9.0	8.5	8.1	7.7	7.0	6.5	6.2
-82.5°	9.5	8.8	8.3	7.8	7.6	7.3	7.0	6.7	6.4	6.1	6.0
-85°	7.3	7.0	6.7	6.5	6.3	6.1	6.0	5.9	5.8	5.7	5.6
-87.5°	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3
-90°	3.6	3.6	3.6	3.6	3.9	4.3	4.6	4.9	4.9	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
67.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
65°	5.0	4.9	4.9	4.9	4.9	4.9	4.9
62.5°	5.0	5.0	4.9	4.9	4.9	4.9	4.9
60°	5.1	5.1	4.9	4.9	4.9	4.9	4.9
57.5°	5.4	5.3	5.0	4.9	4.9	4.9	4.9
55°	5.6	5.4	5.1	4.9	4.9	4.9	4.9
52.5°	5.8	5.5	5.3	4.9	5.0	4.9	4.9
50°	6.0	5.7	5.4	4.9	5.0	4.9	4.9
47.5°	6.1	5.8	5.5	4.9	5.0	4.9	4.9
45°	6.2	5.9	5.7	5.0	5.0	4.9	4.9
42.5°	6.3	6.0	5.8	5.1	5.1	4.9	4.9
40°	6.5	6.0	5.9	5.3	5.1	4.9	4.9
37.5°	6.6	6.1	6.0	5.4	5.2	4.9	4.9
35°	6.8	6.2	6.0	5.5	5.2	4.9	4.9
32.5°	7.0	6.3	6.1	5.6	5.3	4.9	4.9
30°	7.1	6.4	6.1	5.7	5.3	4.9	4.9
27.5°	7.3	6.6	6.1	5.8	5.4	4.9	4.9
25°	7.6	6.7	6.1	5.9	5.5	4.9	4.9
22.5°	7.8	6.8	6.1	5.9	5.5	4.9	4.9
20°	8.0	6.9	6.1	6.0	5.6	4.9	4.9
17.5°	8.2	7.0	6.1	6.0	5.7	4.9	4.9
15°	8.2	7.1	6.1	6.1	5.7	4.9	4.9
12.5°	8.3	7.2	6.1	6.1	5.8	4.9	4.9
10°	8.4	7.2	6.1	6.1	5.9	4.9	4.9
7.5°	8.4	7.2	6.1	6.1	5.9	4.9	4.9
5°	8.5	7.3	6.1	6.1	6.0	4.9	4.9
2.5°	8.5	7.3	6.1	6.1	6.0	4.9	4.9
0°	8.5	7.3	6.1	6.1	6.1	4.9	4.9
-2.5°	9.6	7.6	6.2	6.1	6.1	4.9	4.9
-5°	10.7	7.8	6.3	6.1	6.1	4.9	4.9
-7.5°	11.7	8.0	6.4	6.1	6.1	4.9	4.9
-10°	12.6	8.2	6.5	6.1	6.1	4.9	4.9
-12.5°	13.4	8.4	6.6	6.1	6.0	4.9	4.9
-15°	14.0	8.5	6.6	6.1	6.0	4.9	4.9
-17.5°	14.4	8.6	6.7	6.1	6.0	4.9	4.9
-20°	14.8	8.7	6.7	6.1	6.0	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.3	8.7	6.7	6.1	5.9	4.9	4.9
-25°	15.3	8.8	6.7	6.1	5.9	4.9	4.9
-27.5°	15.0	8.9	6.7	6.1	5.8	4.9	4.9
-30°	14.2	8.9	6.7	6.1	5.8	4.9	4.9
-32.5°	13.0	8.8	6.7	6.1	5.7	4.9	4.9
-35°	12.5	8.7	6.7	6.1	5.7	4.9	4.9
-37.5°	12.3	8.5	6.6	6.1	5.6	4.9	4.9
-40°	12.0	8.4	6.5	6.1	5.5	4.9	4.9
-42.5°	11.6	8.3	6.5	6.1	5.5	4.9	4.9
-45°	11.0	8.2	6.5	6.1	5.4	4.9	4.9
-47.5°	10.4	7.9	6.5	6.1	5.3	4.9	4.9
-50°	10.0	7.7	6.5	6.0	5.2	4.9	4.9
-52.5°	9.6	7.4	6.4	5.9	5.2	4.9	4.9
-55°	9.1	7.2	6.3	5.8	5.1	4.9	4.9
-57.5°	8.6	7.0	6.2	5.7	5.0	4.9	4.9
-60°	8.0	6.8	6.1	5.6	4.9	4.9	4.9
-62.5°	7.6	6.5	6.0	5.5	4.9	4.9	4.9
-65°	7.2	6.3	5.9	5.4	4.9	4.9	4.9
-67.5°	6.7	6.1	5.8	5.3	4.9	4.9	4.9
-70°	6.2	6.0	5.7	5.2	4.9	4.9	4.9
-72.5°	6.1	5.9	5.6	5.1	4.9	4.9	4.9
-75°	6.1	5.8	5.5	5.1	4.9	4.9	4.9
-77.5°	6.1	5.8	5.4	5.1	4.9	4.9	4.9
-80°	6.1	5.7	5.3	5.0	4.9	4.9	4.9
-82.5°	5.8	5.5	5.2	5.0	4.9	4.9	4.9
-85°	5.5	5.3	5.1	5.0	4.9	4.9	4.9
-87.5°	5.2	5.1	5.0	4.9	4.9	4.9	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)