

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: P1306015 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

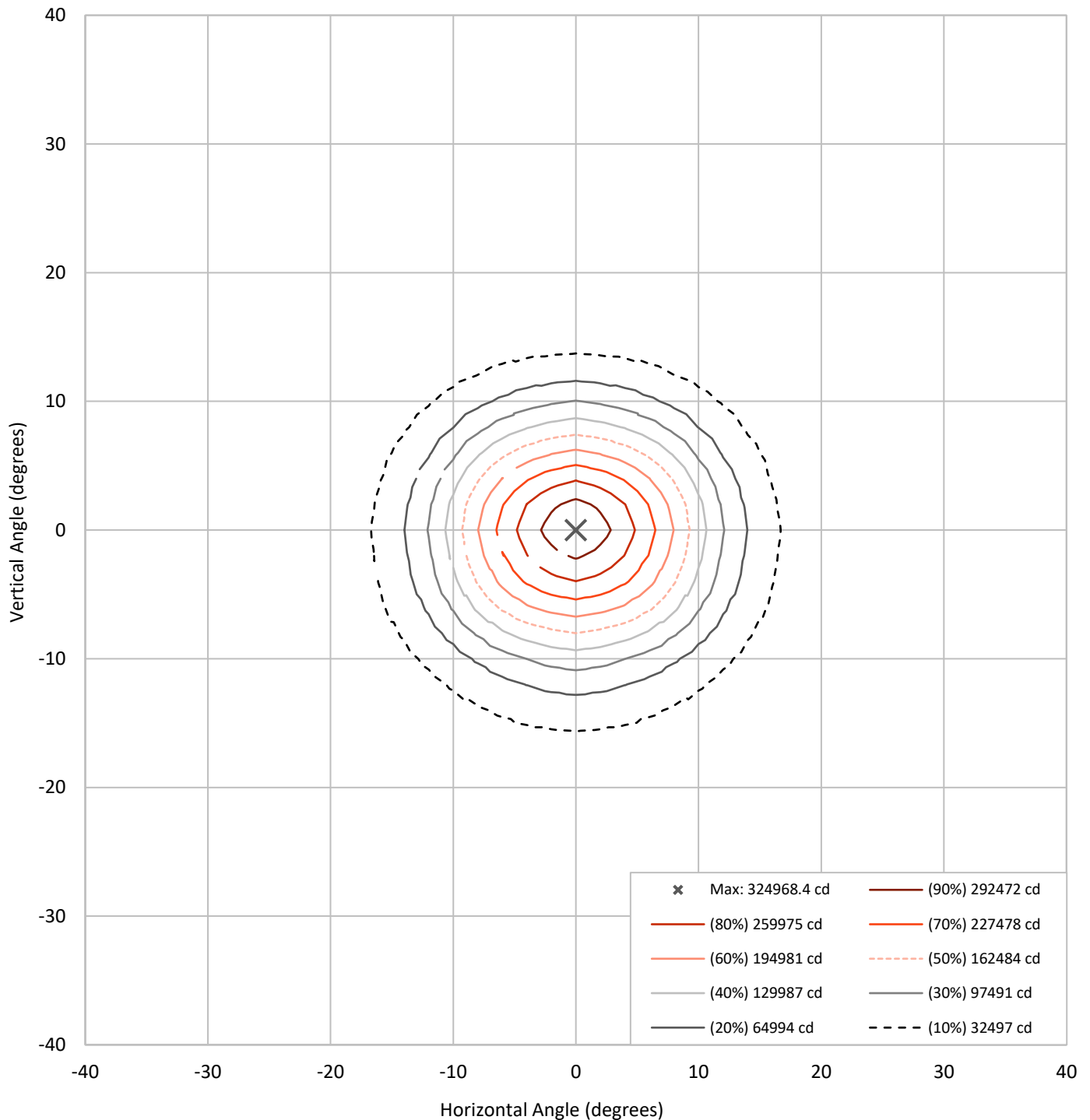
Test Method: LM-79-08
Report Number: P1306015 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-80-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 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:	33409.9 lumens	Max Intensity:	324968.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.4 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:	15408.2 lumens	Field Lumens:	28426.5 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





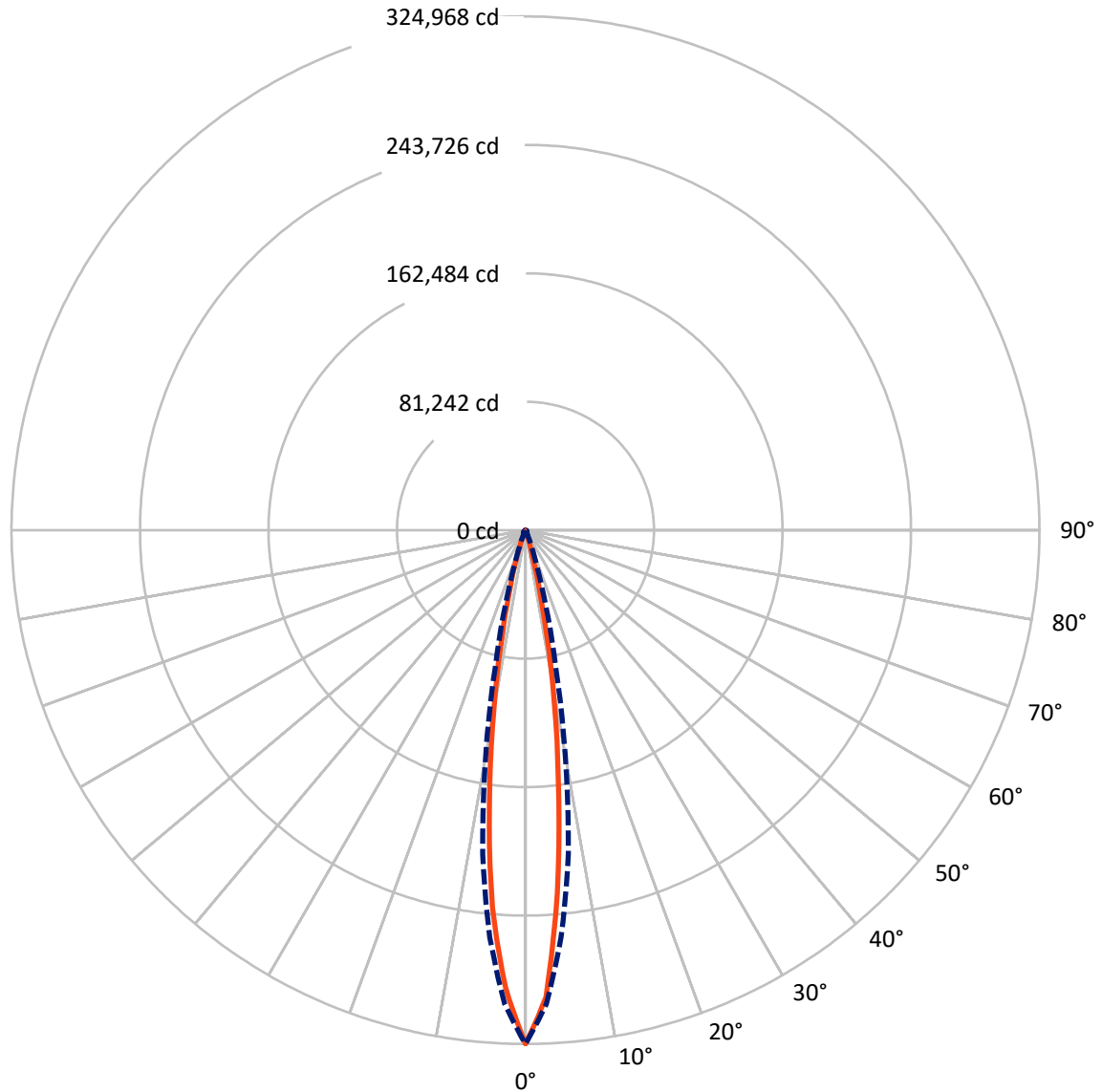
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Lumen Table

90	0.1	0.2		0.4		0.4		0.5		0.4		0.4		0.2		0.1
80	0.1	0.2		0.4		0.4		0.5		0.4		0.4		0.2		0.1
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	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	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.1	0.2
40		0.2	0.4	0.5	0.9	1.2	1.3	1.5	1.5	1.3	1.2	0.9	0.5	0.4	0.2	
30	0.2	0.3	0.8	2.0	3.7	4.2	6.0	12.1	12.1	6.0	4.2	3.7	2.0	0.8	0.3	0.2
20		0.7	2.7	9.1	17.0	22.6	167.5	697.6	697.6	167.5	22.6	17.0	9.1	2.7	0.7	
10	0.2	1.1	5.4	22.9	37.2	84.5	1228.9	5325.3	5325.3	1228.9	84.5	37.2	22.9	5.4	1.1	0.2
0		1.4	6.3	26.4	43.5	86.6	1318.9	5566.1	5566.1	1318.9	86.6	43.5	26.4	6.3	1.4	
-10	0.3	1.4	5.5	20.0	35.9	39.6	281.3	1092.6	1092.6	281.3	39.6	35.9	20.0	5.5	1.4	0.3
-20		1.4	4.7	11.2	28.9	33.5	36.9	71.9	71.9	36.9	33.5	28.9	11.2	4.7	1.4	
-30	0.3	1.2	4.0	7.1	17.7	33.5	39.1	39.5	39.5	39.1	33.5	17.7	7.1	4.0	1.2	0.3
-40		0.8	3.0	6.1	9.6	16.9	28.5	37.4	37.4	28.5	16.9	9.6	6.1	3.0	0.8	
-50	0.2	0.4	1.7	4.0	7.2	9.9	11.7	13.0	13.0	11.7	9.9	7.2	4.0	1.7	0.4	0.2
-60		0.2	0.6	1.6	3.2	5.0	6.5	7.7	7.7	6.5	5.0	3.2	1.6	0.6	0.2	
-70	0.1	0.6		1.5		3.5		5.9		3.5		1.5		0.6		0.1
-80		0.6		1.5		3.5		5.9		3.5		1.5		0.6		
-90	0.1	0.6		1.5		3.5		5.9		3.5		1.5		0.6		0.1

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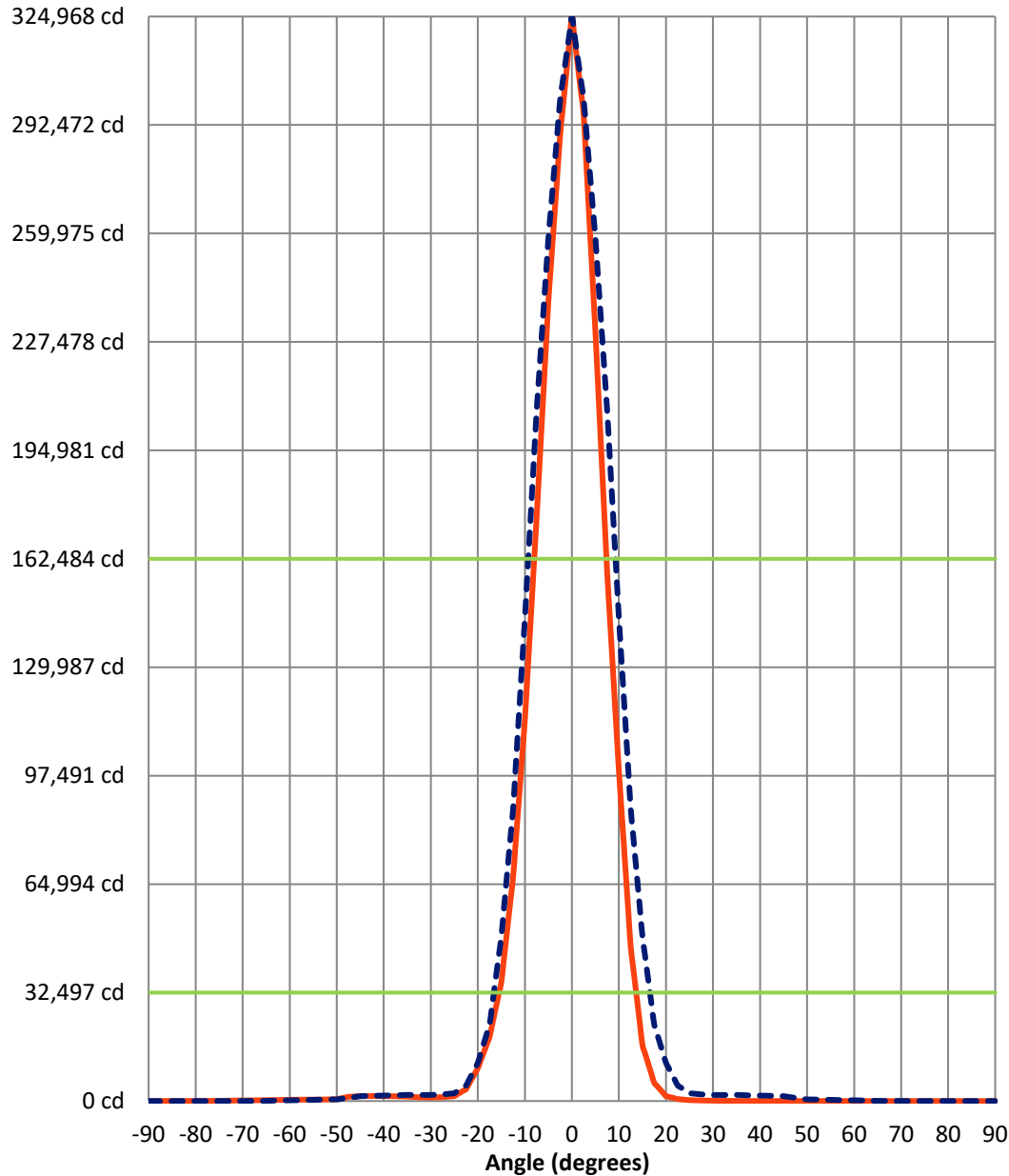
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 15408.2
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 28426.5
 Efficiency: 85.1%

Spill:
 Lumens: 4983.3
 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°	4.1	4.1	4.1	4.3	4.6	4.8	5.0	5.0	5.0	5.0	5.0
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
75°	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.1
72.5°	4.1	4.1	4.1	4.1	4.3	4.4	4.2	4.2	4.3	4.3	4.2
70°	4.1	4.1	4.1	4.1	4.4	4.5	4.3	4.4	4.5	4.4	4.5
67.5°	4.1	4.1	4.1	4.3	4.6	4.6	4.5	4.6	4.7	4.8	4.9
65°	4.1	4.1	4.1	4.5	4.8	4.8	4.8	4.8	5.0	5.1	5.2
62.5°	4.1	4.1	4.1	4.6	5.0	5.0	5.0	5.1	5.3	5.4	5.3
60°	4.1	4.1	4.1	4.8	5.2	5.2	5.3	5.3	5.5	5.6	5.5
57.5°	4.1	4.1	4.2	5.0	5.3	5.4	5.6	5.6	5.8	5.8	5.8
55°	4.1	4.1	4.3	5.2	5.5	5.6	5.8	5.9	6.0	6.1	6.1
52.5°	4.1	4.1	4.4	5.4	5.7	5.8	6.1	6.2	6.3	6.4	6.5
50°	4.1	4.1	4.5	5.6	5.8	6.1	6.5	6.6	6.6	6.7	7.5
47.5°	4.1	4.1	4.6	5.7	6.0	6.4	6.8	7.0	6.9	7.1	8.6
45°	4.1	4.1	4.7	5.8	6.1	6.7	7.2	7.5	7.4	7.9	9.5
42.5°	4.1	4.1	4.8	6.0	6.3	7.0	7.6	8.0	7.9	8.7	10.5
40°	4.1	4.1	4.9	6.0	6.5	7.3	8.0	8.5	8.7	9.5	11.4
37.5°	4.1	4.1	4.9	6.0	6.7	7.6	8.5	9.1	9.6	10.6	12.1
35°	4.1	4.1	5.0	6.1	6.9	7.9	9.0	9.7	10.5	11.8	12.6
32.5°	4.1	4.1	5.0	6.1	7.1	8.3	9.5	10.3	11.4	13.1	14.0
30°	4.1	4.1	5.1	6.1	7.4	8.7	10.0	11.0	12.3	14.5	15.6
27.5°	4.1	4.1	5.1	6.1	7.4	9.1	10.5	11.8	13.3	16.0	17.3
25°	4.1	4.1	5.1	6.1	7.5	9.4	11.1	12.5	14.5	17.5	19.2
22.5°	4.1	4.1	5.1	6.1	7.5	9.7	11.6	13.2	15.8	19.0	22.2
20°	4.1	4.1	5.1	6.1	7.4	9.7	12.2	13.9	17.0	20.7	25.4
17.5°	4.1	4.1	5.1	6.1	7.4	9.6	12.3	14.6	18.3	22.4	28.7
15°	4.1	4.1	5.1	6.0	7.3	9.5	12.0	14.9	19.5	24.1	32.1
12.5°	4.1	4.1	5.1	6.0	7.2	9.4	11.8	14.7	20.1	25.8	35.6
10°	4.1	4.1	5.1	6.0	7.1	9.2	11.5	14.5	20.1	26.6	39.0
7.5°	4.1	4.1	5.1	5.9	7.0	9.0	11.1	14.2	19.9	27.3	42.1
5°	4.1	4.1	5.1	5.9	6.9	8.8	10.7	13.9	19.7	27.9	45.1
2.5°	4.1	4.1	5.0	5.9	6.7	8.6	10.3	13.6	19.4	28.5	47.9
0°	4.1	4.1	5.0	5.8	6.6	8.3	9.9	13.2	19.0	28.9	50.4
-2.5°	4.1	4.1	5.0	5.8	6.7	8.4	10.3	14.6	22.4	34.6	58.3
-5°	4.1	4.1	5.0	5.8	6.7	8.4	10.7	15.9	25.6	40.0	65.6
-7.5°	4.1	4.2	5.0	5.8	6.8	8.5	11.1	17.1	28.5	45.0	72.2
-10°	4.1	4.2	5.0	5.8	6.8	8.5	11.4	18.1	31.1	49.5	78.1
-12.5°	4.1	4.2	5.0	5.7	6.8	8.5	11.6	19.0	33.2	53.5	83.6
-15°	4.1	4.2	5.0	5.7	6.9	8.5	11.8	19.5	35.4	57.6	88.5
-17.5°	4.1	4.2	4.9	5.7	6.8	8.5	11.8	20.5	37.7	61.0	92.3
-20°	4.1	4.2	4.9	5.7	6.8	8.5	12.0	21.5	39.3	63.7	94.9



REPORT NUMBER: P1306015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.1	4.3	4.9	5.6	6.8	8.4	12.3	22.1	40.3	65.5	96.3
-25°	4.1	4.3	4.9	5.6	6.7	8.5	12.5	22.2	40.5	66.6	96.5
-27.5°	4.1	4.3	4.9	5.5	6.6	8.6	12.4	21.7	40.0	66.8	97.3
-30°	4.1	4.3	4.9	5.5	6.5	8.6	12.1	20.7	39.2	66.0	97.0
-32.5°	4.1	4.3	4.9	5.4	6.5	8.6	11.5	20.1	38.0	64.1	95.6
-35°	4.1	4.3	4.9	5.4	6.5	8.5	11.3	19.4	35.9	61.2	93.1
-37.5°	4.1	4.3	4.9	5.3	6.5	8.4	11.2	18.4	33.0	57.0	86.1
-40°	4.1	4.3	4.8	5.2	6.4	8.4	11.0	17.0	29.2	52.7	77.9
-42.5°	4.1	4.3	4.8	5.2	6.3	8.3	10.8	15.2	26.4	46.2	69.0
-45°	4.1	4.3	4.8	5.2	6.3	8.1	10.5	13.8	23.9	39.0	59.6
-47.5°	4.1	4.3	4.8	5.2	6.3	7.9	10.1	13.3	20.8	31.3	50.9
-50°	4.1	4.3	4.8	5.2	6.2	7.7	9.8	12.7	17.0	26.9	41.5
-52.5°	4.1	4.3	4.9	5.2	6.2	7.5	9.5	12.0	15.1	22.3	32.2
-55°	4.1	4.3	4.9	5.2	6.1	7.4	9.2	11.3	14.0	17.5	26.7
-57.5°	4.1	4.3	4.9	5.2	6.0	7.2	8.8	10.9	12.9	15.4	20.9
-60°	4.1	4.3	4.9	5.2	5.9	7.1	8.4	10.3	11.8	14.1	16.4
-62.5°	4.1	4.3	4.8	5.2	5.8	6.9	8.2	9.7	11.1	12.7	14.9
-65°	4.1	4.3	4.8	5.2	5.8	6.7	7.9	9.1	10.4	11.8	13.3
-67.5°	4.1	4.3	4.7	5.2	5.7	6.5	7.6	8.7	9.7	11.0	12.2
-70°	4.1	4.2	4.7	5.2	5.6	6.3	7.2	8.3	9.2	10.1	11.3
-72.5°	4.1	4.2	4.6	5.1	5.5	6.1	6.9	7.8	8.7	9.6	10.4
-75°	4.1	4.2	4.5	5.0	5.4	5.9	6.6	7.3	8.2	9.0	9.8
-77.5°	4.1	4.2	4.5	4.9	5.3	5.7	6.2	6.9	7.6	8.4	9.2
-80°	4.1	4.2	4.4	4.8	5.1	5.5	5.8	6.3	6.9	7.6	8.3
-82.5°	4.1	4.2	4.3	4.7	5.0	5.3	5.6	5.9	6.2	6.7	7.2
-85°	4.1	4.1	4.3	4.6	4.8	5.1	5.4	5.6	5.8	6.1	6.3
-87.5°	4.1	4.1	4.2	4.4	4.7	5.0	5.2	5.3	5.4	5.5	5.7
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



REPORT NUMBER: P1306015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.8	5.8	5.8	5.8
87.5°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.5	2.5	2.5
85°	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.8	2.7	2.6
82.5°	3.9	3.7	3.5	3.3	3.3	3.3	3.3	3.3	3.1	2.9	2.7
80°	3.9	3.7	3.6	3.6	3.6	3.5	3.5	3.3	3.1	3.0	2.9
77.5°	4.0	3.9	3.9	4.0	4.0	3.8	3.8	3.7	3.7	3.6	3.5
75°	4.1	4.1	4.2	4.1	4.1	4.0	4.1	4.1	4.0	4.0	4.0
72.5°	4.2	4.4	4.3	4.2	4.1	4.1	4.1	4.1	4.6	5.4	6.0
70°	4.6	4.7	4.5	4.2	4.1	4.3	5.3	6.4	7.6	8.7	10.1
67.5°	4.9	4.7	4.5	4.4	5.1	6.2	7.5	10.5	14.2	15.7	16.3
65°	5.0	4.8	5.0	5.6	6.5	8.7	12.0	16.3	20.9	21.7	21.2
62.5°	5.0	5.2	5.8	6.9	8.7	11.6	15.8	20.6	25.9	26.0	22.7
60°	5.4	5.7	7.0	8.8	10.9	14.2	19.1	22.8	26.6	28.2	21.5
57.5°	5.8	6.7	8.6	10.9	13.5	15.9	18.6	22.1	23.7	23.6	17.4
55°	6.6	8.0	10.4	13.3	15.2	14.8	16.6	17.7	18.0	16.8	12.1
52.5°	7.9	9.6	12.6	15.1	15.5	13.9	12.9	13.5	12.7	10.9	9.5
50°	9.1	11.5	14.6	16.1	15.2	12.5	10.3	10.4	9.8	9.0	8.1
47.5°	10.5	13.3	16.2	16.9	14.0	11.9	10.0	9.3	8.9	8.5	7.7
45°	11.9	14.6	17.6	15.8	13.5	12.3	10.8	9.1	9.1	8.8	8.8
42.5°	13.0	15.6	16.8	14.8	14.4	13.6	12.3	10.6	9.9	10.4	10.6
40°	13.7	16.3	16.2	16.2	15.8	15.4	14.5	13.1	11.8	12.7	13.1
37.5°	14.2	16.2	16.7	18.4	17.8	17.7	17.1	17.3	16.3	15.8	17.7
35°	14.5	16.6	19.4	21.5	21.3	20.5	21.6	22.3	21.9	21.3	24.4
32.5°	15.0	17.4	22.9	25.2	26.0	25.6	27.0	28.2	29.5	31.2	36.2
30°	16.6	20.6	26.9	29.3	31.9	34.9	34.3	35.2	38.9	50.6	61.6
27.5°	19.7	24.8	30.8	34.9	39.5	46.4	47.9	46.1	57.3	76.1	95.6
25°	23.3	37.3	35.1	41.4	50.7	60.2	65.3	69.3	84.8	112.2	132.6
22.5°	30.4	53.8	53.4	48.6	63.3	76.1	88.5	115.9	154.9	167.3	171.4
20°	42.5	70.3	75.5	77.2	82.2	94.0	115.0	179.4	257.3	286.6	255.2
17.5°	56.8	88.4	99.9	112.4	127.7	131.2	149.1	255.8	384.7	428.8	428.9
15°	72.8	107.8	125.7	151.1	176.3	192.3	251.7	380.6	522.6	592.4	632.3
12.5°	89.9	128.1	152.7	192.4	227.3	255.3	385.0	590.6	722.6	783.6	899.9
10°	107.6	148.9	180.4	235.5	279.9	319.6	534.9	814.7	943.3	1002.9	1135.8
7.5°	125.1	168.4	207.4	279.5	333.3	384.3	694.5	1046.1	1156.1	1209.3	1317.6
5°	142.0	185.7	228.8	312.8	375.6	437.4	839.3	1276.7	1362.4	1405.3	1466.4
2.5°	157.6	202.1	249.3	342.8	409.5	470.8	902.3	1377.9	1472.0	1536.3	1588.4
0°	171.1	217.4	268.7	370.3	441.4	501.8	948.2	1461.5	1560.7	1637.6	1700.4
-2.5°	171.8	220.6	275.0	369.2	434.3	496.8	904.3	1442.6	1591.1	1706.5	1800.7
-5°	170.2	222.5	279.7	365.6	425.5	489.4	846.6	1397.3	1597.4	1720.2	1816.4
-7.5°	166.8	223.0	282.4	359.2	412.5	470.5	796.1	1304.8	1525.1	1630.4	1732.5
-10°	162.3	221.7	278.4	344.3	393.7	444.6	732.0	1197.2	1451.1	1541.5	1636.4
-12.5°	158.5	219.1	272.4	329.5	374.7	418.0	648.0	1078.9	1377.8	1456.5	1532.3
-15°	153.9	215.7	265.6	315.8	355.8	391.1	543.3	953.7	1306.1	1394.5	1453.1
-17.5°	149.1	211.6	258.3	303.7	337.4	364.5	419.2	803.2	1186.7	1321.5	1390.0
-20°	144.3	206.8	250.6	294.0	320.2	345.7	382.3	649.9	1000.6	1233.3	1320.8



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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°	139.8	201.6	243.1	284.0	310.9	333.6	362.9	500.7	803.9	1133.6	1239.2
-25°	138.1	193.4	235.8	274.4	304.1	322.1	342.9	375.4	622.4	935.7	1147.4
-27.5°	137.7	186.6	227.2	264.2	298.8	312.4	328.3	353.0	479.6	732.6	1034.3
-30°	135.5	177.0	217.7	253.6	288.4	306.9	316.9	336.5	370.4	564.8	812.3
-32.5°	129.3	166.6	206.3	242.2	276.1	303.7	311.3	327.8	352.8	408.4	609.2
-35°	121.4	156.8	194.0	230.0	263.4	294.1	311.3	321.0	337.7	364.2	454.5
-37.5°	114.0	146.4	181.3	216.6	249.3	280.3	310.3	318.9	330.1	349.0	383.4
-40°	105.4	135.2	168.9	202.4	233.9	264.7	294.2	319.2	325.9	345.0	369.1
-42.5°	95.6	124.4	156.0	187.3	216.8	247.0	276.7	304.7	330.9	344.0	362.6
-45°	84.8	112.2	142.4	170.4	198.0	227.4	256.4	285.6	319.4	349.9	362.4
-47.5°	73.1	98.9	127.0	152.2	178.0	205.3	234.3	265.0	299.1	332.8	367.7
-50°	61.2	84.9	109.4	133.3	156.9	181.9	208.6	240.9	273.5	307.2	341.0
-52.5°	50.1	70.1	92.0	113.9	135.6	157.6	183.2	212.4	243.8	276.1	306.2
-55°	38.4	56.2	74.1	94.3	114.6	134.2	156.8	183.2	210.4	240.2	267.4
-57.5°	29.9	42.2	57.7	74.2	93.0	111.9	132.5	153.6	177.8	202.8	225.3
-60°	23.1	31.1	42.2	56.2	70.6	88.6	107.9	127.1	146.6	165.0	184.2
-62.5°	17.0	23.4	30.4	39.3	51.8	65.2	81.7	99.3	117.1	132.7	146.7
-65°	15.3	17.1	22.0	28.2	34.1	45.8	58.3	70.8	86.1	99.8	112.5
-67.5°	13.6	15.2	16.8	19.2	24.7	30.9	37.2	48.1	59.0	68.5	78.0
-70°	12.4	13.4	14.7	16.1	17.6	20.4	25.8	31.4	37.0	43.6	51.8
-72.5°	11.3	12.2	13.1	13.9	15.2	16.7	18.3	19.9	23.2	27.6	32.2
-75°	10.4	11.0	11.8	12.6	13.4	14.3	15.3	16.6	17.9	19.0	20.1
-77.5°	9.6	10.1	10.6	11.2	11.8	12.5	13.3	14.0	14.8	15.7	16.7
-80°	8.7	9.1	9.4	9.8	10.2	10.7	11.2	11.8	12.2	12.6	13.2
-82.5°	7.6	7.8	8.1	8.4	8.7	8.9	9.2	9.5	9.6	9.8	10.0
-85°	6.5	6.6	6.8	7.0	7.1	7.3	7.5	7.6	7.6	7.5	7.5
-87.5°	5.7	5.8	5.9	5.9	6.1	6.2	6.3	6.4	6.2	6.1	6.0
-90°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.8	5.8	5.8	5.8	5.8	8.1	10.3	12.6	14.9	20.5	26.0
87.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8
85°	2.5	2.3	2.1	1.9	1.7	1.7	1.6	1.6	1.6	1.4	1.2
82.5°	2.5	2.4	2.3	2.3	2.3	2.2	2.0	1.9	1.7	1.5	1.3
80°	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	1.7	1.7	1.7
77.5°	3.4	3.3	3.1	2.9	2.6	2.4	2.4	2.4	2.4	2.2	2.1
75°	4.0	4.0	3.9	3.7	3.4	3.3	3.3	3.2	3.2	3.0	2.9
72.5°	6.5	6.6	6.3	6.1	5.6	5.4	5.5	5.4	5.3	5.2	5.2
70°	10.9	11.1	10.7	9.9	8.6	7.8	7.5	7.1	6.6	6.7	7.1
67.5°	15.8	14.7	13.6	12.2	10.4	9.1	8.4	7.7	7.0	6.6	6.4
65°	19.2	15.2	13.0	11.4	10.4	9.5	8.4	7.4	6.5	5.9	5.6
62.5°	18.3	13.0	10.6	9.6	8.7	8.1	7.0	6.0	5.2	4.6	4.6
60°	15.7	10.9	8.3	7.5	6.6	5.8	5.3	4.8	4.4	4.2	4.4
57.5°	12.3	8.5	6.5	6.2	5.8	5.3	4.9	4.7	4.4	4.1	4.4
55°	9.0	7.5	6.6	6.4	6.2	5.9	5.6	5.2	4.9	4.7	4.8
52.5°	7.8	7.3	7.2	7.1	6.7	6.2	5.8	5.7	5.6	5.5	5.6
50°	7.5	7.5	7.5	7.3	6.9	6.6	6.5	6.5	6.4	6.3	6.4
47.5°	7.7	7.9	7.8	7.4	7.3	7.5	7.4	7.3	7.5	7.6	7.8
45°	8.5	8.8	8.8	9.0	8.7	9.0	9.0	9.0	10.3	10.4	9.8
42.5°	10.3	11.4	12.2	12.0	10.9	13.1	16.3	17.7	16.3	14.2	12.8
40°	14.7	16.1	16.7	17.8	22.1	25.5	22.4	19.3	18.0	19.1	20.0
37.5°	20.6	22.4	27.7	34.3	31.9	26.0	26.6	26.9	26.3	28.0	28.2
35°	30.1	38.6	44.9	42.9	39.9	39.3	40.8	41.2	37.2	39.0	39.7
32.5°	48.2	58.6	59.1	56.4	57.9	58.2	62.2	59.5	56.1	57.8	62.4
30°	69.6	79.9	83.6	78.9	70.1	75.0	79.2	77.9	80.3	87.3	94.8
27.5°	103.1	109.7	115.9	106.3	88.9	96.5	99.5	96.5	113.0	121.9	139.4
25°	143.0	150.5	155.3	147.3	135.3	129.2	138.5	145.5	165.6	185.3	212.8
22.5°	186.4	206.6	212.4	191.5	191.4	191.4	195.0	218.9	245.9	289.2	361.8
20°	237.1	277.3	309.4	288.1	260.8	279.3	302.0	331.3	408.5	604.8	827.9
17.5°	416.6	388.5	447.5	449.5	410.3	453.2	535.0	640.3	965.9	1967.2	2623.5
15°	708.9	679.2	642.4	644.3	683.0	767.3	934.6	1517.6	2955.8	5092.7	7301.1
12.5°	1007.2	962.7	908.6	894.2	978.7	1148.4	1938.2	4337.1	7723.5	11411.2	20870.9
10°	1242.6	1218.9	1169.0	1206.3	1347.5	1845.7	3460.9	7621.8	14609.5	26826.9	41901.8
7.5°	1380.8	1371.8	1385.2	1494.7	1724.9	3036.6	6587.9	12772.8	24287.9	42801.7	69960.6
5°	1519.5	1527.0	1567.9	1718.4	2013.0	3862.6	9298.0	17749.4	35167.1	62381.4	104438.7
2.5°	1673.2	1680.1	1735.0	1924.5	2261.7	3991.7	9943.0	20918.9	44588.8	80251.5	136001.4
0°	1850.0	1810.4	1826.9	1999.7	2347.7	4655.7	11474.7	22939.5	49348.5	87674.5	144536.4
-2.5°	1912.8	1827.9	1812.4	1958.4	2263.5	4125.8	10250.3	21331.6	45325.6	80320.8	134775.6
-5°	1870.2	1754.2	1707.8	1827.2	2116.8	3617.7	8618.8	19410.2	40242.1	68710.5	114203.6
-7.5°	1764.3	1653.1	1584.7	1674.5	1927.3	2981.0	6602.0	14698.7	29291.6	50838.3	81127.5
-10°	1673.4	1566.8	1462.5	1491.3	1666.4	2218.9	4110.1	9627.9	19352.6	34317.3	51578.7
-12.5°	1594.7	1505.4	1349.2	1301.8	1399.9	1659.2	2868.5	6562.3	12378.8	19467.0	31566.9
-15°	1513.2	1440.1	1284.1	1209.1	1244.1	1370.4	1698.0	3152.0	6778.1	11537.5	16750.0
-17.5°	1422.9	1372.7	1278.9	1168.1	1120.7	1171.4	1327.9	1776.9	3012.1	5978.3	9228.5
-20°	1361.7	1333.8	1265.0	1167.7	1106.7	1083.3	1137.5	1275.0	1578.3	2715.2	4115.4



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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°	1285.1	1273.5	1227.0	1199.2	1154.6	1104.3	1056.7	1099.3	1199.9	1354.9	1838.7
-25°	1212.6	1215.4	1218.4	1255.1	1247.9	1177.6	1087.3	1022.6	1056.5	1105.0	1203.0
-27.5°	1132.3	1172.1	1234.0	1303.0	1335.0	1275.5	1169.1	1072.2	1043.3	1014.9	1056.3
-30°	1061.8	1142.9	1209.2	1293.4	1348.8	1331.0	1276.1	1210.8	1140.0	1090.8	1074.6
-32.5°	880.0	1104.8	1166.1	1233.8	1316.4	1342.7	1336.5	1311.3	1281.0	1246.4	1210.4
-35°	683.9	933.5	1138.9	1177.9	1231.8	1309.7	1370.9	1375.3	1371.3	1358.6	1348.9
-37.5°	483.0	720.6	937.0	1110.7	1175.4	1227.2	1321.1	1392.8	1433.6	1430.4	1431.3
-40°	401.1	466.5	684.2	885.0	1033.8	1172.5	1247.4	1341.3	1415.9	1446.3	1469.4
-42.5°	386.9	412.3	438.3	588.9	780.5	948.4	1077.4	1196.6	1301.9	1377.0	1436.7
-45°	376.9	394.1	413.8	438.9	465.8	615.8	782.6	937.7	1039.0	1140.4	1246.3
-47.5°	376.5	380.7	394.7	412.3	429.5	453.8	481.7	519.5	631.7	733.5	841.1
-50°	365.3	382.3	387.0	392.4	403.4	416.7	429.8	443.5	456.3	464.4	475.3
-52.5°	332.1	354.1	374.7	390.7	394.9	399.0	402.8	411.6	420.2	427.3	435.4
-55°	292.0	315.3	338.0	356.5	373.1	388.8	400.5	402.4	405.0	408.2	413.1
-57.5°	248.5	271.2	292.6	312.1	330.3	347.2	359.4	368.5	377.0	385.0	395.5
-60°	203.9	223.9	243.5	262.2	280.2	297.3	308.5	317.7	325.7	333.7	344.4
-62.5°	160.1	175.4	193.1	210.0	225.6	240.3	252.0	261.9	270.1	278.4	288.4
-65°	124.5	135.9	149.0	161.3	172.9	186.4	199.0	209.4	217.7	225.8	234.7
-67.5°	88.8	99.4	111.7	123.1	133.9	144.2	154.8	164.7	173.9	183.2	192.4
-70°	59.3	66.8	75.7	85.5	95.5	104.9	114.0	122.6	130.9	139.2	147.1
-72.5°	36.8	41.4	46.4	52.9	59.6	66.2	72.7	79.1	85.4	92.9	100.2
-75°	21.0	22.9	26.6	30.2	33.6	36.8	39.6	41.9	43.8	48.2	53.0
-77.5°	17.6	18.6	19.5	20.5	21.5	22.9	24.4	25.9	27.5	31.0	34.9
-80°	13.7	14.4	15.0	15.7	16.5	17.5	18.6	19.6	20.5	23.1	25.8
-82.5°	10.2	10.5	10.7	11.0	11.2	12.0	12.9	13.7	14.4	16.6	18.7
-85°	7.4	7.5	7.6	7.7	7.8	8.5	9.2	9.9	10.5	12.6	14.8
-87.5°	5.8	5.8	5.8	5.8	5.8	6.5	7.2	7.9	8.5	10.8	13.0
-90°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8



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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°	31.6	37.2	31.4	25.6	31.4	37.2	31.6	26.0	20.5	14.9	12.6
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
85°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.6	1.6
82.5°	1.0	0.8	1.2	1.7	1.2	0.8	1.0	1.3	1.5	1.7	1.9
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
77.5°	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4	2.4
75°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0	3.2	3.2
72.5°	5.1	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.3	5.4
70°	7.6	8.1	8.3	8.3	8.3	8.1	7.6	7.1	6.7	6.6	7.1
67.5°	6.2	5.9	5.8	5.8	5.8	5.9	6.2	6.4	6.6	7.0	7.7
65°	5.3	5.1	5.0	5.0	5.0	5.1	5.3	5.6	5.9	6.5	7.4
62.5°	4.7	4.9	5.0	5.0	5.0	4.9	4.7	4.6	4.6	5.2	6.0
60°	4.7	4.9	5.0	5.0	5.0	4.9	4.7	4.4	4.2	4.4	4.8
57.5°	4.7	4.9	5.0	5.0	5.0	4.9	4.7	4.4	4.1	4.4	4.7
55°	4.9	5.0	5.3	5.8	5.3	5.0	4.9	4.8	4.7	4.9	5.2
52.5°	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.6	5.7
50°	6.5	6.5	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.4	6.5
47.5°	8.0	8.2	8.3	8.3	8.3	8.2	8.0	7.8	7.6	7.5	7.3
45°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	10.4	10.3	9.0
42.5°	13.3	13.7	14.0	14.1	14.0	13.7	13.3	12.8	14.2	16.3	17.7
40°	21.0	21.3	21.1	20.7	21.1	21.3	21.0	20.0	19.1	18.0	19.3
37.5°	28.6	29.2	29.6	29.8	29.6	29.2	28.6	28.2	28.0	26.3	26.9
35°	40.1	40.5	40.3	41.3	40.3	40.5	40.1	39.7	39.0	37.2	41.2
32.5°	65.4	65.7	63.7	64.5	63.7	65.7	65.4	62.4	57.8	56.1	59.5
30°	100.1	104.6	107.4	110.8	107.4	104.6	100.1	94.8	87.3	80.3	77.9
27.5°	152.3	163.6	170.9	175.2	170.9	163.6	152.3	139.4	121.9	113.0	96.5
25°	237.8	255.0	264.1	271.1	264.1	255.0	237.8	212.8	185.3	165.6	145.5
22.5°	462.0	527.4	563.9	598.5	563.9	527.4	462.0	361.8	289.2	245.9	218.9
20°	1184.7	1261.0	1404.8	1493.8	1404.8	1261.0	1184.7	827.9	604.8	408.5	331.3
17.5°	3990.9	5088.0	5292.9	5447.6	5292.9	5088.0	3990.9	2623.5	1967.2	965.9	640.3
15°	11885.0	15141.3	16017.7	16763.6	16017.7	15141.3	11885.0	7301.1	5092.7	2955.8	1517.6
12.5°	28695.6	37657.8	42532.3	46235.8	42532.3	37657.8	28695.6	20870.9	11411.2	7723.5	4337.1
10°	60121.5	77667.3	90984.6	98697.0	90984.6	77667.3	60121.5	41901.8	26826.9	14609.5	7621.8
7.5°	102384.5	132123.2	149507.2	158356.0	149507.2	132123.2	102384.5	69960.6	42801.7	24287.9	12772.8
5°	154424.6	192814.2	217075.6	230416.2	217075.6	192814.2	154424.6	104438.7	62381.4	35167.1	17749.4
2.5°	192891.0	242141.2	278508.2	295614.6	278508.2	242141.2	192891.0	136001.4	80251.5	44588.8	20918.9
0°	206819.1	258490.1	300063.2	324968.4	300063.2	258490.1	206819.1	144536.4	87674.5	49348.5	22939.5
-2.5°	193523.0	242030.9	274410.6	289478.2	274410.6	242030.9	193523.0	134775.6	80320.8	45325.6	21331.6
-5°	164563.9	206502.3	229771.1	239621.0	229771.1	206502.3	164563.9	114203.6	68710.5	40242.1	19410.2
-7.5°	116755.1	148746.0	165100.4	174802.5	165100.4	148746.0	116755.1	81127.5	50838.3	29291.6	14698.7
-10°	73508.7	91492.7	107136.6	114213.2	107136.6	91492.7	73508.7	51578.7	34317.3	19352.6	9627.9
-12.5°	42690.0	54075.9	63229.4	67117.7	63229.4	54075.9	42690.0	31566.9	19467.0	12378.8	6562.3
-15°	23591.7	29813.8	34028.1	35676.6	34028.1	29813.8	23591.7	16750.0	11537.5	6778.1	3152.0
-17.5°	13118.8	16138.1	17335.9	19256.8	17335.9	16138.1	13118.8	9228.5	5978.3	3012.1	1776.9
-20°	6427.0	7992.6	8494.6	9849.5	8494.6	7992.6	6427.0	4115.4	2715.2	1578.3	1275.0



REPORT NUMBER: P1306015 (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°	2496.5	2866.0	2948.4	3591.0	2948.4	2866.0	2496.5	1838.7	1354.9	1199.9	1099.3
-25°	1296.5	1358.8	1387.7	1463.2	1387.7	1358.8	1296.5	1203.0	1105.0	1056.5	1022.6
-27.5°	1089.9	1120.0	1144.1	1180.5	1144.1	1120.0	1089.9	1056.3	1014.9	1043.3	1072.2
-30°	1062.2	1056.9	1057.6	1061.4	1057.6	1056.9	1062.2	1074.6	1090.8	1140.0	1210.8
-32.5°	1181.8	1163.5	1154.4	1120.1	1154.4	1163.5	1181.8	1210.4	1246.4	1281.0	1311.3
-35°	1343.1	1341.6	1342.8	1326.8	1342.8	1341.6	1343.1	1348.9	1358.6	1371.3	1375.3
-37.5°	1431.7	1434.3	1437.5	1432.6	1437.5	1434.3	1431.7	1431.3	1430.4	1433.6	1392.8
-40°	1477.5	1484.9	1490.2	1488.8	1490.2	1484.9	1477.5	1469.4	1446.3	1415.9	1341.3
-42.5°	1466.5	1484.9	1494.1	1497.1	1494.1	1484.9	1466.5	1436.7	1377.0	1301.9	1196.6
-45°	1343.1	1418.4	1463.8	1476.4	1463.8	1418.4	1343.1	1246.3	1140.4	1039.0	937.7
-47.5°	962.1	1073.6	1178.0	1269.7	1178.0	1073.6	962.1	841.1	733.5	631.7	519.5
-50°	488.9	501.4	527.2	564.6	527.2	501.4	488.9	475.3	464.4	456.3	443.5
-52.5°	443.4	450.7	457.8	464.6	457.8	450.7	443.4	435.4	427.3	420.2	411.6
-55°	417.8	422.2	425.6	428.2	425.6	422.2	417.8	413.1	408.2	405.0	402.4
-57.5°	404.4	411.8	418.1	423.2	418.1	411.8	404.4	395.5	385.0	377.0	368.5
-60°	353.9	362.0	369.7	376.1	369.7	362.0	353.9	344.4	333.7	325.7	317.7
-62.5°	296.9	304.1	311.6	318.3	311.6	304.1	296.9	288.4	278.4	270.1	261.9
-65°	242.6	249.6	255.8	261.2	255.8	249.6	242.6	234.7	225.8	217.7	209.4
-67.5°	201.1	209.0	216.8	224.0	216.8	209.0	201.1	192.4	183.2	173.9	164.7
-70°	154.3	160.8	166.4	171.1	166.4	160.8	154.3	147.1	139.2	130.9	122.6
-72.5°	107.0	113.1	120.0	126.5	120.0	113.1	107.0	100.2	92.9	85.4	79.1
-75°	57.7	62.1	66.3	70.3	66.3	62.1	57.7	53.0	48.2	43.8	41.9
-77.5°	38.8	42.6	45.3	47.9	45.3	42.6	38.8	34.9	31.0	27.5	25.9
-80°	28.5	31.2	33.4	35.5	33.4	31.2	28.5	25.8	23.1	20.5	19.6
-82.5°	20.9	23.0	24.8	26.5	24.8	23.0	20.9	18.7	16.6	14.4	13.7
-85°	16.9	19.0	20.6	22.3	20.6	19.0	16.9	14.8	12.6	10.5	9.9
-87.5°	15.3	17.5	18.6	19.8	18.6	17.5	15.3	13.0	10.8	8.5	7.9
-90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.3	8.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5
85°	1.6	1.7	1.7	1.9	2.1	2.3	2.5	2.6	2.7	2.8	2.8
82.5°	2.0	2.2	2.3	2.3	2.3	2.4	2.5	2.7	2.9	3.1	3.3
80°	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.9	3.0	3.1	3.3
77.5°	2.4	2.4	2.6	2.9	3.1	3.3	3.4	3.5	3.6	3.7	3.7
75°	3.3	3.3	3.4	3.7	3.9	4.0	4.0	4.0	4.0	4.0	4.1
72.5°	5.5	5.4	5.6	6.1	6.3	6.6	6.5	6.0	5.4	4.6	4.1
70°	7.5	7.8	8.6	9.9	10.7	11.1	10.9	10.1	8.7	7.6	6.4
67.5°	8.4	9.1	10.4	12.2	13.6	14.7	15.8	16.3	15.7	14.2	10.5
65°	8.4	9.5	10.4	11.4	13.0	15.2	19.2	21.2	21.7	20.9	16.3
62.5°	7.0	8.1	8.7	9.6	10.6	13.0	18.3	22.7	26.0	25.9	20.6
60°	5.3	5.8	6.6	7.5	8.3	10.9	15.7	21.5	28.2	26.6	22.8
57.5°	4.9	5.3	5.8	6.2	6.5	8.5	12.3	17.4	23.6	23.7	22.1
55°	5.6	5.9	6.2	6.4	6.6	7.5	9.0	12.1	16.8	18.0	17.7
52.5°	5.8	6.2	6.7	7.1	7.2	7.3	7.8	9.5	10.9	12.7	13.5
50°	6.5	6.6	6.9	7.3	7.5	7.5	7.5	8.1	9.0	9.8	10.4
47.5°	7.4	7.5	7.3	7.4	7.8	7.9	7.7	7.7	8.5	8.9	9.3
45°	9.0	9.0	8.7	9.0	8.8	8.8	8.5	8.8	8.8	9.1	9.1
42.5°	16.3	13.1	10.9	12.0	12.2	11.4	10.3	10.6	10.4	9.9	10.6
40°	22.4	25.5	22.1	17.8	16.7	16.1	14.7	13.1	12.7	11.8	13.1
37.5°	26.6	26.0	31.9	34.3	27.7	22.4	20.6	17.7	15.8	16.3	17.3
35°	40.8	39.3	39.9	42.9	44.9	38.6	30.1	24.4	21.3	21.9	22.3
32.5°	62.2	58.2	57.9	56.4	59.1	58.6	48.2	36.2	31.2	29.5	28.2
30°	79.2	75.0	70.1	78.9	83.6	79.9	69.6	61.6	50.6	38.9	35.2
27.5°	99.5	96.5	88.9	106.3	115.9	109.7	103.1	95.6	76.1	57.3	46.1
25°	138.5	129.2	135.3	147.3	155.3	150.5	143.0	132.6	112.2	84.8	69.3
22.5°	195.0	191.4	191.4	191.5	212.4	206.6	186.4	171.4	167.3	154.9	115.9
20°	302.0	279.3	260.8	288.1	309.4	277.3	237.1	255.2	286.6	257.3	179.4
17.5°	535.0	453.2	410.3	449.5	447.5	388.5	416.6	428.9	428.8	384.7	255.8
15°	934.6	767.3	683.0	644.3	642.4	679.2	708.9	632.3	592.4	522.6	380.6
12.5°	1938.2	1148.4	978.7	894.2	908.6	962.7	1007.2	899.9	783.6	722.6	590.6
10°	3460.9	1845.7	1347.5	1206.3	1169.0	1218.9	1242.6	1135.8	1002.9	943.3	814.7
7.5°	6587.9	3036.6	1724.9	1494.7	1385.2	1371.8	1380.8	1317.6	1209.3	1156.1	1046.1
5°	9298.0	3862.6	2013.0	1718.4	1567.9	1527.0	1519.5	1466.4	1405.3	1362.4	1276.7
2.5°	9943.0	3991.7	2261.7	1924.5	1735.0	1680.1	1673.2	1588.4	1536.3	1472.0	1377.9
0°	11474.7	4655.7	2347.7	1999.7	1826.9	1810.4	1850.0	1700.4	1637.6	1560.7	1461.5
-2.5°	10250.3	4125.8	2263.5	1958.4	1812.4	1827.9	1912.8	1800.7	1706.5	1591.1	1442.6
-5°	8618.8	3617.7	2116.8	1827.2	1707.8	1754.2	1870.2	1816.4	1720.2	1597.4	1397.3
-7.5°	6602.0	2981.0	1927.3	1674.5	1584.7	1653.1	1764.3	1732.5	1630.4	1525.1	1304.8
-10°	4110.1	2218.9	1666.4	1491.3	1462.5	1566.8	1673.4	1636.4	1541.5	1451.1	1197.2
-12.5°	2868.5	1659.2	1399.9	1301.8	1349.2	1505.4	1594.7	1532.3	1456.5	1377.8	1078.9
-15°	1698.0	1370.4	1244.1	1209.1	1284.1	1440.1	1513.2	1453.1	1394.5	1306.1	953.7
-17.5°	1327.9	1171.4	1120.7	1168.1	1278.9	1372.7	1422.9	1390.0	1321.5	1186.7	803.2
-20°	1137.5	1083.3	1106.7	1167.7	1265.0	1333.8	1361.7	1320.8	1233.3	1000.6	649.9



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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°	1056.7	1104.3	1154.6	1199.2	1227.0	1273.5	1285.1	1239.2	1133.6	803.9	500.7
-25°	1087.3	1177.6	1247.9	1255.1	1218.4	1215.4	1212.6	1147.4	935.7	622.4	375.4
-27.5°	1169.1	1275.5	1335.0	1303.0	1234.0	1172.1	1132.3	1034.3	732.6	479.6	353.0
-30°	1276.1	1331.0	1348.8	1293.4	1209.2	1142.9	1061.8	812.3	564.8	370.4	336.5
-32.5°	1336.5	1342.7	1316.4	1233.8	1166.1	1104.8	880.0	609.2	408.4	352.8	327.8
-35°	1370.9	1309.7	1231.8	1177.9	1138.9	933.5	683.9	454.5	364.2	337.7	321.0
-37.5°	1321.1	1227.2	1175.4	1110.7	937.0	720.6	483.0	383.4	349.0	330.1	318.9
-40°	1247.4	1172.5	1033.8	885.0	684.2	466.5	401.1	369.1	345.0	325.9	319.2
-42.5°	1077.4	948.4	780.5	588.9	438.3	412.3	386.9	362.6	344.0	330.9	304.7
-45°	782.6	615.8	465.8	438.9	413.8	394.1	376.9	362.4	349.9	319.4	285.6
-47.5°	481.7	453.8	429.5	412.3	394.7	380.7	376.5	367.7	332.8	299.1	265.0
-50°	429.8	416.7	403.4	392.4	387.0	382.3	365.3	341.0	307.2	273.5	240.9
-52.5°	402.8	399.0	394.9	390.7	374.7	354.1	332.1	306.2	276.1	243.8	212.4
-55°	400.5	388.8	373.1	356.5	338.0	315.3	292.0	267.4	240.2	210.4	183.2
-57.5°	359.4	347.2	330.3	312.1	292.6	271.2	248.5	225.3	202.8	177.8	153.6
-60°	308.5	297.3	280.2	262.2	243.5	223.9	203.9	184.2	165.0	146.6	127.1
-62.5°	252.0	240.3	225.6	210.0	193.1	175.4	160.1	146.7	132.7	117.1	99.3
-65°	199.0	186.4	172.9	161.3	149.0	135.9	124.5	112.5	99.8	86.1	70.8
-67.5°	154.8	144.2	133.9	123.1	111.7	99.4	88.8	78.0	68.5	59.0	48.1
-70°	114.0	104.9	95.5	85.5	75.7	66.8	59.3	51.8	43.6	37.0	31.4
-72.5°	72.7	66.2	59.6	52.9	46.4	41.4	36.8	32.2	27.6	23.2	19.9
-75°	39.6	36.8	33.6	30.2	26.6	22.9	21.0	20.1	19.0	17.9	16.6
-77.5°	24.4	22.9	21.5	20.5	19.5	18.6	17.6	16.7	15.7	14.8	14.0
-80°	18.6	17.5	16.5	15.7	15.0	14.4	13.7	13.2	12.6	12.2	11.8
-82.5°	12.9	12.0	11.2	11.0	10.7	10.5	10.2	10.0	9.8	9.6	9.5
-85°	9.2	8.5	7.8	7.7	7.6	7.5	7.4	7.5	7.5	7.6	7.6
-87.5°	7.2	6.5	5.8	5.8	5.8	5.8	5.8	6.0	6.1	6.2	6.4
-90°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5



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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°	5.6	5.4	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.1	4.1	4.1
85°	2.9	3.0	3.1	3.3	3.5	3.7	3.9	4.1	4.1	4.1	4.1
82.5°	3.3	3.3	3.3	3.3	3.5	3.7	3.9	4.1	4.1	4.1	4.1
80°	3.5	3.5	3.6	3.6	3.6	3.7	3.9	4.1	4.1	4.1	4.1
77.5°	3.8	3.8	4.0	4.0	3.9	3.9	4.0	4.1	4.1	4.1	4.1
75°	4.1	4.0	4.1	4.1	4.2	4.1	4.1	4.1	4.2	4.1	4.1
72.5°	4.1	4.1	4.1	4.2	4.3	4.4	4.2	4.2	4.3	4.3	4.2
70°	5.3	4.3	4.1	4.2	4.5	4.7	4.6	4.5	4.4	4.5	4.4
67.5°	7.5	6.2	5.1	4.4	4.5	4.7	4.9	4.9	4.8	4.7	4.6
65°	12.0	8.7	6.5	5.6	5.0	4.8	5.0	5.2	5.1	5.0	4.8
62.5°	15.8	11.6	8.7	6.9	5.8	5.2	5.0	5.3	5.4	5.3	5.1
60°	19.1	14.2	10.9	8.8	7.0	5.7	5.4	5.5	5.6	5.5	5.3
57.5°	18.6	15.9	13.5	10.9	8.6	6.7	5.8	5.8	5.8	5.8	5.6
55°	16.6	14.8	15.2	13.3	10.4	8.0	6.6	6.1	6.1	6.0	5.9
52.5°	12.9	13.9	15.5	15.1	12.6	9.6	7.9	6.5	6.4	6.3	6.2
50°	10.3	12.5	15.2	16.1	14.6	11.5	9.1	7.5	6.7	6.6	6.6
47.5°	10.0	11.9	14.0	16.9	16.2	13.3	10.5	8.6	7.1	6.9	7.0
45°	10.8	12.3	13.5	15.8	17.6	14.6	11.9	9.5	7.9	7.4	7.5
42.5°	12.3	13.6	14.4	14.8	16.8	15.6	13.0	10.5	8.7	7.9	8.0
40°	14.5	15.4	15.8	16.2	16.2	16.3	13.7	11.4	9.5	8.7	8.5
37.5°	17.1	17.7	17.8	18.4	16.7	16.2	14.2	12.1	10.6	9.6	9.1
35°	21.6	20.5	21.3	21.5	19.4	16.6	14.5	12.6	11.8	10.5	9.7
32.5°	27.0	25.6	26.0	25.2	22.9	17.4	15.0	14.0	13.1	11.4	10.3
30°	34.3	34.9	31.9	29.3	26.9	20.6	16.6	15.6	14.5	12.3	11.0
27.5°	47.9	46.4	39.5	34.9	30.8	24.8	19.7	17.3	16.0	13.3	11.8
25°	65.3	60.2	50.7	41.4	35.1	37.3	23.3	19.2	17.5	14.5	12.5
22.5°	88.5	76.1	63.3	48.6	53.4	53.8	30.4	22.2	19.0	15.8	13.2
20°	115.0	94.0	82.2	77.2	75.5	70.3	42.5	25.4	20.7	17.0	13.9
17.5°	149.1	131.2	127.7	112.4	99.9	88.4	56.8	28.7	22.4	18.3	14.6
15°	251.7	192.3	176.3	151.1	125.7	107.8	72.8	32.1	24.1	19.5	14.9
12.5°	385.0	255.3	227.3	192.4	152.7	128.1	89.9	35.6	25.8	20.1	14.7
10°	534.9	319.6	279.9	235.5	180.4	148.9	107.6	39.0	26.6	20.1	14.5
7.5°	694.5	384.3	333.3	279.5	207.4	168.4	125.1	42.1	27.3	19.9	14.2
5°	839.3	437.4	375.6	312.8	228.8	185.7	142.0	45.1	27.9	19.7	13.9
2.5°	902.3	470.8	409.5	342.8	249.3	202.1	157.6	47.9	28.5	19.4	13.6
0°	948.2	501.8	441.4	370.3	268.7	217.4	171.1	50.4	28.9	19.0	13.2
-2.5°	904.3	496.8	434.3	369.2	275.0	220.6	171.8	58.3	34.6	22.4	14.6
-5°	846.6	489.4	425.5	365.6	279.7	222.5	170.2	65.6	40.0	25.6	15.9
-7.5°	796.1	470.5	412.5	359.2	282.4	223.0	166.8	72.2	45.0	28.5	17.1
-10°	732.0	444.6	393.7	344.3	278.4	221.7	162.3	78.1	49.5	31.1	18.1
-12.5°	648.0	418.0	374.7	329.5	272.4	219.1	158.5	83.6	53.5	33.2	19.0
-15°	543.3	391.1	355.8	315.8	265.6	215.7	153.9	88.5	57.6	35.4	19.5
-17.5°	419.2	364.5	337.4	303.7	258.3	211.6	149.1	92.3	61.0	37.7	20.5
-20°	382.3	345.7	320.2	294.0	250.6	206.8	144.3	94.9	63.7	39.3	21.5



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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°	362.9	333.6	310.9	284.0	243.1	201.6	139.8	96.3	65.5	40.3	22.1
-25°	342.9	322.1	304.1	274.4	235.8	193.4	138.1	96.5	66.6	40.5	22.2
-27.5°	328.3	312.4	298.8	264.2	227.2	186.6	137.7	97.3	66.8	40.0	21.7
-30°	316.9	306.9	288.4	253.6	217.7	177.0	135.5	97.0	66.0	39.2	20.7
-32.5°	311.3	303.7	276.1	242.2	206.3	166.6	129.3	95.6	64.1	38.0	20.1
-35°	311.3	294.1	263.4	230.0	194.0	156.8	121.4	93.1	61.2	35.9	19.4
-37.5°	310.3	280.3	249.3	216.6	181.3	146.4	114.0	86.1	57.0	33.0	18.4
-40°	294.2	264.7	233.9	202.4	168.9	135.2	105.4	77.9	52.7	29.2	17.0
-42.5°	276.7	247.0	216.8	187.3	156.0	124.4	95.6	69.0	46.2	26.4	15.2
-45°	256.4	227.4	198.0	170.4	142.4	112.2	84.8	59.6	39.0	23.9	13.8
-47.5°	234.3	205.3	178.0	152.2	127.0	98.9	73.1	50.9	31.3	20.8	13.3
-50°	208.6	181.9	156.9	133.3	109.4	84.9	61.2	41.5	26.9	17.0	12.7
-52.5°	183.2	157.6	135.6	113.9	92.0	70.1	50.1	32.2	22.3	15.1	12.0
-55°	156.8	134.2	114.6	94.3	74.1	56.2	38.4	26.7	17.5	14.0	11.3
-57.5°	132.5	111.9	93.0	74.2	57.7	42.2	29.9	20.9	15.4	12.9	10.9
-60°	107.9	88.6	70.6	56.2	42.2	31.1	23.1	16.4	14.1	11.8	10.3
-62.5°	81.7	65.2	51.8	39.3	30.4	23.4	17.0	14.9	12.7	11.1	9.7
-65°	58.3	45.8	34.1	28.2	22.0	17.1	15.3	13.3	11.8	10.4	9.1
-67.5°	37.2	30.9	24.7	19.2	16.8	15.2	13.6	12.2	11.0	9.7	8.7
-70°	25.8	20.4	17.6	16.1	14.7	13.4	12.4	11.3	10.1	9.2	8.3
-72.5°	18.3	16.7	15.2	13.9	13.1	12.2	11.3	10.4	9.6	8.7	7.8
-75°	15.3	14.3	13.4	12.6	11.8	11.0	10.4	9.8	9.0	8.2	7.3
-77.5°	13.3	12.5	11.8	11.2	10.6	10.1	9.6	9.2	8.4	7.6	6.9
-80°	11.2	10.7	10.2	9.8	9.4	9.1	8.7	8.3	7.6	6.9	6.3
-82.5°	9.2	8.9	8.7	8.4	8.1	7.8	7.6	7.2	6.7	6.2	5.9
-85°	7.5	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.8	5.6
-87.5°	6.3	6.2	6.1	5.9	5.9	5.8	5.7	5.7	5.5	5.4	5.3
-90°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.0	4.8	4.6	4.3	4.1	4.1	4.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
75°	4.1	4.2	4.1	4.1	4.1	4.1	4.1
72.5°	4.2	4.4	4.3	4.1	4.1	4.1	4.1
70°	4.3	4.5	4.4	4.1	4.1	4.1	4.1
67.5°	4.5	4.6	4.6	4.3	4.1	4.1	4.1
65°	4.8	4.8	4.8	4.5	4.1	4.1	4.1
62.5°	5.0	5.0	5.0	4.6	4.1	4.1	4.1
60°	5.3	5.2	5.2	4.8	4.1	4.1	4.1
57.5°	5.6	5.4	5.3	5.0	4.2	4.1	4.1
55°	5.8	5.6	5.5	5.2	4.3	4.1	4.1
52.5°	6.1	5.8	5.7	5.4	4.4	4.1	4.1
50°	6.5	6.1	5.8	5.6	4.5	4.1	4.1
47.5°	6.8	6.4	6.0	5.7	4.6	4.1	4.1
45°	7.2	6.7	6.1	5.8	4.7	4.1	4.1
42.5°	7.6	7.0	6.3	6.0	4.8	4.1	4.1
40°	8.0	7.3	6.5	6.0	4.9	4.1	4.1
37.5°	8.5	7.6	6.7	6.0	4.9	4.1	4.1
35°	9.0	7.9	6.9	6.1	5.0	4.1	4.1
32.5°	9.5	8.3	7.1	6.1	5.0	4.1	4.1
30°	10.0	8.7	7.4	6.1	5.1	4.1	4.1
27.5°	10.5	9.1	7.4	6.1	5.1	4.1	4.1
25°	11.1	9.4	7.5	6.1	5.1	4.1	4.1
22.5°	11.6	9.7	7.5	6.1	5.1	4.1	4.1
20°	12.2	9.7	7.4	6.1	5.1	4.1	4.1
17.5°	12.3	9.6	7.4	6.1	5.1	4.1	4.1
15°	12.0	9.5	7.3	6.0	5.1	4.1	4.1
12.5°	11.8	9.4	7.2	6.0	5.1	4.1	4.1
10°	11.5	9.2	7.1	6.0	5.1	4.1	4.1
7.5°	11.1	9.0	7.0	5.9	5.1	4.1	4.1
5°	10.7	8.8	6.9	5.9	5.1	4.1	4.1
2.5°	10.3	8.6	6.7	5.9	5.0	4.1	4.1
0°	9.9	8.3	6.6	5.8	5.0	4.1	4.1
-2.5°	10.3	8.4	6.7	5.8	5.0	4.1	4.1
-5°	10.7	8.4	6.7	5.8	5.0	4.1	4.1
-7.5°	11.1	8.5	6.8	5.8	5.0	4.2	4.1
-10°	11.4	8.5	6.8	5.8	5.0	4.2	4.1
-12.5°	11.6	8.5	6.8	5.7	5.0	4.2	4.1
-15°	11.8	8.5	6.9	5.7	5.0	4.2	4.1
-17.5°	11.8	8.5	6.8	5.7	4.9	4.2	4.1
-20°	12.0	8.5	6.8	5.7	4.9	4.2	4.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.3	8.4	6.8	5.6	4.9	4.3	4.1
-25°	12.5	8.5	6.7	5.6	4.9	4.3	4.1
-27.5°	12.4	8.6	6.6	5.5	4.9	4.3	4.1
-30°	12.1	8.6	6.5	5.5	4.9	4.3	4.1
-32.5°	11.5	8.6	6.5	5.4	4.9	4.3	4.1
-35°	11.3	8.5	6.5	5.4	4.9	4.3	4.1
-37.5°	11.2	8.4	6.5	5.3	4.9	4.3	4.1
-40°	11.0	8.4	6.4	5.2	4.8	4.3	4.1
-42.5°	10.8	8.3	6.3	5.2	4.8	4.3	4.1
-45°	10.5	8.1	6.3	5.2	4.8	4.3	4.1
-47.5°	10.1	7.9	6.3	5.2	4.8	4.3	4.1
-50°	9.8	7.7	6.2	5.2	4.8	4.3	4.1
-52.5°	9.5	7.5	6.2	5.2	4.9	4.3	4.1
-55°	9.2	7.4	6.1	5.2	4.9	4.3	4.1
-57.5°	8.8	7.2	6.0	5.2	4.9	4.3	4.1
-60°	8.4	7.1	5.9	5.2	4.9	4.3	4.1
-62.5°	8.2	6.9	5.8	5.2	4.8	4.3	4.1
-65°	7.9	6.7	5.8	5.2	4.8	4.3	4.1
-67.5°	7.6	6.5	5.7	5.2	4.7	4.3	4.1
-70°	7.2	6.3	5.6	5.2	4.7	4.2	4.1
-72.5°	6.9	6.1	5.5	5.1	4.6	4.2	4.1
-75°	6.6	5.9	5.4	5.0	4.5	4.2	4.1
-77.5°	6.2	5.7	5.3	4.9	4.5	4.2	4.1
-80°	5.8	5.5	5.1	4.8	4.4	4.2	4.1
-82.5°	5.6	5.3	5.0	4.7	4.3	4.2	4.1
-85°	5.4	5.1	4.8	4.6	4.3	4.1	4.1
-87.5°	5.2	5.0	4.7	4.4	4.2	4.1	4.1
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1

(END OF REPORT)